WBN2Public Resource

From: Stegen, Amanda [Amanda.Stegen@pnl.gov]
Sent: Thursday, March 11, 2010 4:49 PM
To: ^PNNL NRC Watts Bar OL
Subject: Tennessee Data Request
Attachments: Statewide Creel Report_2008_Final.pdf; Chickamauga and Watts Bar Non-Roe Fish 2008-2009.pdf; Chickamauga and Watts Bar Roe Fish Summary 2007-2009.pdf; Statewide Creel Report_2007_Final.pdf

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From: Pat Black [mailto:Pat.Black@tn.gov]
Sent: Monday, March 01, 2010 8:37 AM
To: Krieg, Rebekah
Cc: Jason Henegar
Subject: Tennessee Data Request

Hi Rebekah,

I've run some queries on the Tennessee commercial fishing database to create the attached summaries of the harvest records. There are two files for the commercial harvest. One is for non-roe fish and the other is for roe-fish. There was not much commercial activity on Watts Bar in the last few years.

I've also attached the Tennessee Statewide Reservoir Creel Reports for 2007 and 2008 since these are the two most recent completed reports. Both Watts Bar and Chickamauga were surveyed both of these years.

Patrick Black, TWRA
Fisheries Management Division
615-781-6579

ps. Please disregard the previous email sent. Our email software has the File>Attach button right next to the Send button and I'm not very coordinated.

Hearing Identifier: Watts_Bar_2_Operating_LA_Public
Email Number: 2

Mail Envelope Properties (92F211CFD9586C4B9AC51FA33071B0FE017A334F4FF4)

Subject: Tennessee Data Request
Sent Date: 3/11/2010 4:49:05 PM
Received Date: 3/11/2010 4:49:08 PM
From: Stegen, Amanda

Created By: Amanda.Stegen@pnl.gov

Recipients:
"^PNNL NRC Watts Bar OL" <nrc.wattsbar@pnl.gov>
Tracking Status: None

Post Office: EMAIL04.pnl.gov

Files	**Size**	**Date & Time**
MESSAGE	941	3/11/2010 4:49:08 PM
Statewide Creel Report_2008_Final.pdf	820551	
Chickamauga and Watts Bar Non-Roe Fish 2008-2009.pdf	63724	
Chickamauga and Watts Bar Roe Fish Summary 2007-2009.pdf	153503	
Statewide Creel Report_2007_Final.pdf	795354	

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Final Report

Tennessee Reservoir Creel Survey

2008 Results

Prepared By:

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November 2009

Table of Contents

Page

Program Overview 6

Statewide

Statewide Angling Effort for All Anglers, by Lake – 2008 13
Statewide Angling Effort for Intended Species – 2008 14
Statewide Catch Statistics for All Anglers, By Lake – 2008 15
Statewide Fishing Effort and Catch Rates, by Lake, for Intended Species – 2008 16
Statewide Summary of Trip Expenditures and Consumer Surplus, by Lake - 2008 30
Statewide Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2008 31

TWRA Region I

Kentucky Reservoir

Monthly Angling Effort for All Anglers – 2008 34
Monthly Catch Statistics for All Anglers – 2008 35
Summary of Species Catch Statistics – 2008 36
Summary of Fishing Effort and Catch Rates for Intended Species – 2008 37
Summary of Relative Species Catch Rates Within Target Groups - 2008 38
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 39
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2008 40
Summary of Sociological Questions - 2008 41

Kentucky 1 - North Reservoir

Monthly Angling Effort for All Anglers – 2008 43
Monthly Catch Statistics for All Anglers – 2008 44
Summary of Species Catch Statistics – 2008 45
Summary of Fishing Effort and Catch Rates for Intended Species – 2008 46
Summary of Relative Species Catch Rates Within Target Groups - 2008 47
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 48
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2008 49
Summary of Sociological Questions - 2008 50

Kentucky 2 - South Reservoir

Monthly Angling Effort for All Anglers – 2008 52
Monthly Catch Statistics for All Anglers – 2008 53
Summary of Species Catch Statistics – 2008 54
Summary of Fishing Effort and Catch Rates for Intended Species – 2008 55
Summary of Relative Species Catch Rates Within Target Groups - 2008 56
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 57
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2008 58
Summary of Sociological Questions - 2008 59

Barkley Reservoir

Monthly Angling Effort for All Anglers – 2008 61
Monthly Catch Statistics for All Anglers – 2008 62
Summary of Species Catch Statistics – 2008 63
Summary of Fishing Effort and Catch Rates for Intended Species – 2008 64
Summary of Relative Species Catch Rates Within Target Groups - 2008 65
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 66
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2008 67
Summary of Sociological Questions - 2008 68

Pickwick Reservoir

Monthly Angling Effort for All Anglers – 2008 70
Monthly Catch Statistics for All Anglers – 2008 71
Summary of Species Catch Statistics – 2008 72
Summary of Fishing Effort and Catch Rates for Intended Species – 2008 73
Summary of Relative Species Catch Rates Within Target Groups - 2008 74
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 75
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2008 76
Summary of Sociological Questions - 2008 77

Reelfoot Lake

Monthly Angling Effort for All Anglers – 2008 79
Monthly Catch Statistics for All Anglers – 2008 80
Summary of Species Catch Statistics – 2008 81
Summary of Fishing Effort and Catch Rates for Intended Species – 2008 82
Summary of Relative Species Catch Rates Within Target Groups - 2008 83
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 84
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2008 85
Summary of Sociological Questions - 2008 86

TWRA Region II

Tims Ford Reservoir

Monthly Angling Effort for All Anglers – 2008 89
Monthly Catch Statistics for All Anglers – 2008 90
Summary of Species Catch Statistics – 2008 91
Summary of Fishing Effort and Catch Rates for Intended Species – 2008 92
Summary of Relative Species Catch Rates Within Target Groups - 2008 93
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 94
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2008 95
Summary of Sociological Questions - 2008 96

Normandy Reservoir

Monthly Angling Effort for All Anglers – 2008 98
Monthly Catch Statistics for All Anglers – 2008 99
Summary of Species Catch Statistics – 2008 100
Summary of Fishing Effort and Catch Rates for Intended Species – 2008 101
Summary of Relative Species Catch Rates Within Target Groups - 2008 102
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 103
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2008 104
Summary of Sociological Questions - 2008 105

Percy Priest Reservoir

Monthly Angling Effort for All Anglers – 2008 107
Monthly Catch Statistics for All Anglers – 2008 108
Summary of Species Catch Statistics – 2008 109
Summary of Fishing Effort and Catch Rates for Intended Species – 2008 110
Summary of Relative Species Catch Rates Within Target Groups - 2008 111
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 112
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2008 113
Summary of Sociological Questions - 2008 114

Old Hickory Reservoir

Monthly Angling Effort for All Anglers – 2008 116
Monthly Catch Statistics for All Anglers – 2008 117
Summary of Species Catch Statistics – 2008 118
Summary of Fishing Effort and Catch Rates for Intended Species – 2008 119
Summary of Relative Species Catch Rates Within Target Groups - 2008 120
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 121
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2008 122
Summary of Sociological Questions - 2008 123

TWRA Region III

Center Hill Reservoir

Monthly Angling Effort for All Anglers – 2008 126
Monthly Catch Statistics for All Anglers – 2008 127
Summary of Species Catch Statistics – 2008 128
Summary of Fishing Effort and Catch Rates for Intended Species – 2008 129
Summary of Relative Species Catch Rates Within Target Groups - 2008 130
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 131
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2008 132
Summary of Sociological Questions - 2008 133

Chickamauga Reservoir

Monthly Angling Effort for All Anglers – 2008 135
Monthly Catch Statistics for All Anglers – 2008 136
Summary of Species Catch Statistics – 2008..... 137
Summary of Fishing Effort and Catch Rates for Intended Species – 2008 138
Summary of Relative Species Catch Rates Within Target Groups - 2008 139
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 140
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2008 141
Summary of Sociological Questions - 2008 142

Watts Bar Reservoir

Monthly Angling Effort for All Anglers – 2008 144
Monthly Catch Statistics for All Anglers – 2008 145
Summary of Species Catch Statistics – 2008 146
Summary of Fishing Effort and Catch Rates for Intended Species – 2008 147
Summary of Relative Species Catch Rates Within Target Groups - 2008 148
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 149
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2008 150
Summary of Sociological Questions - 2008 151

Dale Hollow Reservoir

Monthly Angling Effort for All Anglers – 2008 153
Monthly Catch Statistics for All Anglers – 2008 154
Summary of Species Catch Statistics – 2008 155
Summary of Fishing Effort and Catch Rates for Intended Species – 2008 156
Summary of Relative Species Catch Rates Within Target Groups - 2008 157
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 158
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2008 159
Summary of Sociological Questions - 2008 160

TWRA Region IV

Norris Reservoir

Monthly Angling Effort for All Anglers – 2008..... 163
Monthly Catch Statistics for All Anglers – 2008 164
Summary of Species Catch Statistics – 2008 165
Summary of Fishing Effort and Catch Rates for Intended Species – 2008 166
Summary of Relative Species Catch Rates Within Target Groups - 2008 167
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 168
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2008 169
Summary of Sociological Questions - 2008 170

Cherokee Reservoir

Monthly Angling Effort for All Anglers – 2008 172
Monthly Catch Statistics for All Anglers – 2008 173
Summary of Species Catch Statistics – 2008 174
Summary of Fishing Effort and Catch Rates for Intended Species – 2008 175
Summary of Relative Species Catch Rates Within Target Groups - 2008 176
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 177
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2008 178
Summary of Sociological Questions - 2008 179

Melton Hill Reservoir

Monthly Angling Effort for All Anglers – 2008 ……..……..……..……... 181
Monthly Catch Statistics for All Anglers – 2008 ……..……..…..……..……..... 182
Summary of Species Catch Statistics – 2008 ……..……..…….…… 183
Summary of Fishing Effort and Catch Rates for Intended Species – 2008 …….…….…… 184
Summary of Relative Species Catch Rates Within Target Groups - 2008 ……...…… 185
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 186
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2008 …… 187
Summary of Sociological Questions - 2008 ……....……..……..…… 188

Fort Loudon Reservoir

Monthly Angling Effort for All Anglers – 2008 ……..……..……..……... 190
Monthly Catch Statistics for All Anglers – 2008..……..……..…..……..……..... 191
Summary of Species Catch Statistics – 2008 ……..……..…….…… 192
Summary of Fishing Effort and Catch Rates for Intended Species – 2008 …….…….…… 193
Summary of Relative Species Catch Rates Within Target Groups - 2008 ……...…… 194
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 195
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2008 …… 196
Summary of Sociological Questions - 2008 ……....……..……..…… 197

Boone Reservoir

Monthly Angling Effort for All Anglers – 2008 ……..……..……..……... 199
Monthly Catch Statistics for All Anglers – 2008 ……..……..…..……..……..... 200
Summary of Species Catch Statistics – 2008 ……..……..…….…… 201
Summary of Fishing Effort and Catch Rates for Intended Species – 2008 …….…….…… 202
Summary of Relative Species Catch Rates Within Target Groups - 2008 ……...…… 203
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 204
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2008 …… 205
Summary of Sociological Questions - 2008 ……....……..……..…… 206

Watauga Reservoir

Monthly Angling Effort for All Anglers – 2008 ……..……..……..……... 208
Monthly Catch Statistics for All Anglers – 2008 ……..……..…..……..……..... 209
Summary of Species Catch Statistics – 2008……..……..…….…… 210
Summary of Fishing Effort and Catch Rates for Intended Species – 2008 …….…….…… 211
Summary of Relative Species Catch Rates Within Target Groups - 2008 ……...…… 212
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 213
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2008 …… 214
Summary of Sociological Questions - 2008 ……....……..……..…… 215

Appendix I

TWRA Reservoir Angler Count Form ……. 217
TWRA Reservoir Angler Survey Form ……. 218

Program Overview

This document provides a summary of data collected by Tennessee Wildlife Resource Agency (TWRA) personnel for the statewide reservoir angler creel survey for the 2008 calendar year. Creel surveys were used to assess the fisheries of 18 reservoirs throughout Tennessee using two basic sampling methods; roving and access point. This overview contains descriptions of: 1) survey designs, 2) sampling methodologies, and 3) analytical methods. Each description is divided into roving and access point surveys. The roving survey descriptions give a more thorough account of the methodology; access point survey descriptions only list methods that differed from roving surveys. The roving and access point creel survey designs were adopted from methods described by Malvestuto et al. (1978), Malvestuto (1996) and St. John (1992). The intention of this narrative is to provide readers with a brief overview of the statistical sampling framework.

Survey Designs

Creel clerks conducted surveys on 18 reservoirs with active, on-site methods whereby anglers were interviewed either during, or immediately following, fishing trips. Fishery-dependent information collected included: angler effort, trip duration, target preferences, catch, harvest, release, demographic measures, economic values and individual status as a tournament angler. Seventeen of the reservoirs were sampled using roving creel survey designs while one of the reservoirs (Normandy) was sampled with access point creel survey methods.

(Roving Surveys)

The roving survey method used non-uniform probability, stratified random sampling to maximize sampling efficiency and minimize bias. Each reservoir was divided into a number of sections. The area of a section was originally defined by the ability of a creel clerk to complete a circuit in about 1 to 1.5 hours. Each area within a reservoir was assigned a sampling probability based on expected angler use within each of 12 monthly time blocks. The sum of the area probabilities equaled 1.0. The fishing day was defined as the period of time from sunrise to sunset. Fishing days were divided into two sampling periods in which the period from sunrise to sunset was divided into two roughly equal periods. Sampling periods also were assigned probabilities based on expected angler use within each month, and these summed to 1.0. Sampled days were divided into two strata (weekend days and weekday days) to homogenize the distributions of angler occurrence, assuming that anglers would be more abundant during weekend samples when a greater proportion of the angling population would be expected to have more time for recreation.

Random work schedules were created prior to the beginning of the 2008 survey year. Within any given month, a predetermined number of days was allocated to each day-type (weekend and weekday). Calendar days then were randomly chosen each month for each day-type. Within each sample day, secondary sampling units consisted of all the possible combinations of time periods (2) and lake sections. Probabilities for secondary sample units were derived by multiplying the time period probability by the lake section probability. Secondary sampling unit probabilities summed to 1.0 for any given lake. One secondary sampling unit was randomly chosen each day; that is to say, each sample day, creel clerks worked one ½-day period within a single, pre-defined lake section.

(Access Point Surveys)

Although the sampling methodology for the access point creel surveys differed from the roving surveys, the framework used to determine the sampling designs was basically the same. The one exception was the substitution of angler access points (boat ramps) for reservoir areas. The secondary sample units comprised all combinations of access points and time periods, and the secondary sampling unit probabilities summed to 1.0. During each sample day, creel clerks worked one ½-day period at a single access point.

Sample Methodology

(Roving Surveys)

Creel clerks collected data during the scheduled work periods described previously. A roving creel survey sample consisted of two parts: angler counts and angler interviews. Daily counts of anglers were taken within the sample period by making a circuit of the lake concurrently with interviews during a single circuit of the lake section within a ½-day sampling period (count-as-you-go method). The count-as-you-go method required that check stations be established at ¼-way points on the route to enable clerks to stay on schedule and finish the single circuit during the allotted time. Travel direction was randomly determined by coin toss. All anglers fishing from either boats or from the shore were counted.

Creel clerks interviewed as many anglers as possible during a sample period. If there were more anglers than could be interviewed, then angling parties were systematically skipped to ensure that interviews were collected throughout the entire reservoir section in the allotted time.

Upon approaching anglers, creel clerks recorded information, which did not require interrupting fishing, including date, reservoir, sample area, fishing from the bank or a boat, and the number of anglers in the fishing party. When the clerk reached the angler or angling group, he asked if they would mind spending a few moments answering questions related to the fishing trip. If anglers did not wish to be interrupted, then the creel clerk moved on. If anglers did not mind responding to the interview, then the clerk asked how long they had been fishing, how much longer they expected to fish, what their primary target species was, what state and county they were from, the distance they traveled from home, the reason for the trip, the number of days in the trip, dollar amount of trip expenditures, and the additional amount of money they would be willing to spend if daily expenditures were to increase. The anglers were also categorized as a tournament (actively fishing in a tournament at the time of the interview) or a non-tournament angler. The creel clerk counted all fish harvested and recorded the bulk weight of each harvested species. Anglers were also asked how many of each species had been released. Each respondent's answers were recorded on pre-printed survey forms using TWRA survey codes. Since anglers were interviewed before completing their fishing trips with roving surveys, interview data from roving surveys were based on uncompleted fishing trips.

(Access Point Surveys)

Access point surveys differed from roving creel surveys in that anglers were not interviewed until they had finished fishing and were leaving the water at an access site. Thus, interview data from access point surveys were based on competed fishing trips. During any given ½-day sampling period, the creel clerk waited at a boat ramp and interviewed anglers as they left using the same interview format as used for roving surveys. All anglers leaving access sites were counted and as many as possible were interviewed.

Analytical Methods

Creel surveys conducted by TWRA used randomized sampling designs which, taken alone, only provide information about small portions of each reservoir fishery. To provide meaningful estimates about the populations from which the samples were drawn, the sample values must be expanded over space and time. The following narrative describes the calculations for these data expansions for any given reservoir. To assess the efficiency of the sampling effort and the variability of the estimates, relative standard errors (RSE) were calculated where possible. The RSE is the standard error (se) of an estimated value (y), expressed as a percentage of that value, or RSE = (se/y) x 100. Mathematical formulas for the following estimates were given by Malvestuto et al. (1978).

(Roving Surveys)

Fishing Effort

Estimates of fishing effort were calculated using daily angler counts and the number of hours within a sample period. Thus, for any given sampling period, fishing effort measured in angler-hours (e) was calculated as

the product of the total angler count (c) and the number of hours assigned to the sampling period (h), or e = c(h). This value estimates total angler-hours for a single lake section within a single time period, which must be expanded to an estimate of angler-hours for the entire lake for the whole day. This expansion is accomplished by dividing e by the probability for the secondary sampling unit (time period/lake section) worked that day. For example, if the time period probability was 0.5 and the lake section probability was 0.4, then the secondary sampling unit probability is 0.5 x 0.4, or 0.20, so an estimate of e=100 angler-hours for a given secondary unit would be expanded to 100/0.2 or 100 x 5 = 500 angler-hours for the whole lake for that entire day (E).

To derive estimates of total monthly fishing effort, means were taken across the daily values of E within each day-type stratum each month. These two daily mean values of fishing effort (one for weekends and one for weekdays) were weighted by the proportional number of those day types within each month (e.g. weekend weight = no. weekend-days/ total days in month), and then summed to provide a mean daily estimate of fishing effort for the month. This mean daily value then was multiplied by the total number of days in the month to give total monthly effort for the entire lake (T). Intended monthly fishing effort for a given species, or species group, was computed as the proportion of interviewed anglers fishing for that group times total monthly fishing effort. So, for example, if 25% of the anglers interviewed were fishing for black bass, the monthly-intended fishing effort for black bass would be 0.25(T).

Catch Rates (CPE, HPE and RPE)

Catch-per-unit-effort or CPE = the number of fish caught per hour, which includes fish harvested plus fish released back into the water. For roving creel surveys, CPE values are based on the number of fish caught by anglers at the time of interview (uncompleted fishing trips). For the following description, release or harvest values may be substituted for catch values to derive release per angler-hour, RPE, or harvest per angler-hour, HPE.

For each interview on a given sample day, the total number of fish caught by all anglers in the fishing party (n) was divided by the total time all anglers in the party had spent fishing (f) up to the point they were interviewed. These individual party CPE values (n/f) then were averaged to provide a daily CPE. A mean was taken across the daily CPE values within each day-type stratum, and then these weekday and weekend means were weighted and summed (as described for daily fishing effort above) to give a mean daily CPE for the month. This mean daily value is representative of the month as a whole, and becomes the monthly CPE estimate for all species combined.

Catch, Harvest and Release

Total daily catch for an entire reservoir (C) was calculated by multiplying the total daily effort (E) by the daily CPE estimate. The same process was applied to release and harvest data to derive total daily release (R) and total daily harvest (H). The daily total catch values were used to calculate a mean daily catch within each day-type stratum each month. The mean daily catch values for weekdays and weekends were weighted and summed across day types, as done for effort and CPE above, to derive a mean daily catch for the month. This mean daily value then was multiplied by the number of days in the month (as done for fishing effort) to estimate total monthly catch (M).

Estimates of catch for individual species were calculated from the percent composition of individual species recorded during interviews. For example, if a given species accounted for 40% of the total number of fish recorded during any given month, then the total monthly catch for that species would be 0.4(M).

Intended Species Catch Rates

Catch rates (CPE, RPE and HPE) for anglers targeting certain species were calculated based on interviews of anglers who intended to catch those species. For computations, interviews from anglers intending to catch various species were grouped. Catch rates for intended species were calculated for each interview by summing the number of fish caught of that species and dividing by fishing effort for all anglers in the party. A mean CPE then was taken across interviews within intended species categories to provide the intended species catch rates.

Caution should be exercised when interpreting these data since many of the target species groups were general categories (e.g. black bass, crappie) while other valid responses were more specific (e.g. largemouth bass, smallmouth bass). Anglers were asked to be as specific as possible with regard to their target species, but often no

discrimination was made between individual species within general groups. For example, calculations made for black bass only include data taken from anglers who stated black bass to be their target species group. The black bass category does not include values from anglers who specified they were fishing for largemouth bass or smallmouth bass. Calculations for these species are presented within their own categories. To obtain a true estimate of effort for black bass, all categories for black bass species, including the general category, must be summed (i.e. true total black bass effort = black bass effort + largemouth bass effort + smallmouth bass effort). The CPE estimates for intended species, however, are not additive since each estimate is based on a different value of intended fishing effort in the denominator, i.e., the fractions do not have a common denominator as they stand.

Relative Species Catch Rates

Relative catch rates are the proportional catch rates of individual species within the general intended species groups. These rates were computed by multiplying the intended catch rate for a given species group by the proportion of relevant species recorded in the creel. So, for example, if the intended catch rate for crappie is 1.8 fish/h, and black crappie represented 25% of the crappie in the creel and white crappie represented the remaining 75%, then the intended rate of 1.8 was partitioned into 1.8(.25) = 0.45 for black crappie and 1.8(.75) = 1.35 for white crappie. These relations do not hold for black bass, however, because there were usually more than one black bass intended catch rate (e.g., general black bass, largemouth bass, smallmouth bass, etc.), so there was no single rate to partition. The intended rates are not additive, as explained above, so the sum of the intended rates cannot serve as the single rate for black bass to be partitioned. So, the relative CPE values for black bass species were computed by generating a new total black bass catch rate by summing the monthly total catches of all black bass species in the numerator, and dividing by the sum of total monthly-intended fishing effort for all black bass in the denominator. This value then was partitioned by the proportion of each black bass species recorded in the creel. Although the species relative catch rates for black bass sum to this new total rate, the new rate is not a pure intended catch rate and thus is not reported elsewhere in the report. In summary, relative catch rates basically reflect the species composition of the catch within intended species groups, and thus do not represent true catch rates for those individual species, as do the intended rates.

Economic Values

Anglers were asked to give estimates of daily trip expenditures for items, which included fuel, food, bait, lodging and guides fees. They were also asked how much additional money they would be willing to spend if daily trip costs were to increase in the future. This value is anglers' willingness to pay above actual costs, and represents anglers' consumer surplus. Consumer surplus is equivalent to the amount of money that anglers would be willing to spend for the opportunity to fish a given resource, over-and-above what they actually have to spend. This amount of money is the theoretical profit associated with the fishery, as if it were privately owned. This value is necessary to compute so that the profit associated with recreational fisheries in Tennessee can be compared to other more traditional industries. Money spent for trip preparation and travel to the reservoirs (fuel, food, bait, etc.) is funneled into other businesses that provide goods and services enabling anglers to go fishing; this money, in turn, employs people in these business, and is re-cycled in the local economies, generating more goods, services and profits. Both components of economic value, trip expenditures and consumer surplus, sum to provide an estimate of total angler-oriented value.

Total monthly estimates of trip expenditures and consumer surplus were computed by multiplying the median dollar values per trip by the total number of angler-trips estimated for the month. This was first done for each intended species group and then the intended species values were summed to give the total monthly economic estimates. Median trip values for the economic responses were used because frequency distributions of expenditures per trip and consumer surplus per trip were skewed to the left, such that means were generally higher than medians, and thus the more conservative median values were used in the computations.

Tournament Status

Beginning in 2002, all anglers were asked if they were actively fishing in a tournament at the time of the interview. Each interview record was coded as yes (tournament fishing), or no (not tournament fishing). Analyses involving tournament angling were restricted to those individuals targeting black basses. Black bass

Catch rates (CPE) were calculated for tournament anglers as well as non tournament angler. For comparison, percent of black bass effort and catch rates for by angler type were printed in tables at the end of each reservoir section in the report

(Access Point Surveys)

This section only describes estimates, which differ in computation from the roving survey methods. These differences include estimating fishing effort and catch rates. All other estimates were calculated the same way for the two survey techniques.

Fishing Effort

The standard difference between roving and access point surveys with respect to derivation of fishing effort is how angler-hours for the sample period are estimated. For roving surveys as described above, sample period effort is estimated as the angler count times the number of hours in the sample period. For access point surveys, however, angler-hours for the sample period is simply the sum of angler-hours recorded from completed trip interviews at the access point. This assumes that all anglers who exited the site were interviewed. If all anglers could not be interviewed upon exit, then angler-hours for the sample period were estimated as the mean completed trip time computed from interviews, times the total number of anglers who exited the site. Once sample period effort is computed, the computational techniques for access point surveys followed those outlined above for roving surveys.

In 2008, Normandy Reservoir was sampled using the access point survey method. To maximize work time efficiency during the initial year, only the major access sites were sampled. In order to expand the daily ramp effort to lake wide totals, monthly area probabilites were estimated based on boat trailer counts that were measured from all ramps on every scheduled sample day. These probablilties were used to obtain the monthly area probability for the sampled ramp which was used to exand the local effort lake wide during the monthly time blocks. This differed from the roving surveys which had fixed probabilities prior to the sample year and were used to schedule the sampling effort.

Catch Rates

Catch rates from roving surveys should be computed differently than catch rates from access point surveys. This is because catch rate data are based on uncompleted trips from roving surveys. If trip data is not complete, then it is appropriate to compute a catch rate for each interview and then take a mean of these rates within any given day to provide a daily catch rate. This is the method described above for computation of catch rates from roving surveys. This method gives each interview equal weighting regardless of how long the anglers were fishing. Equal weighting is appropriate because the final length of the trip is not known. However, if the completed trip length is known as with access point surveys, then catch rate is computed as the sum of catch across interviews (numerator) divided by the sum of effort across interviews (denominator). This provides a single total ratio estimate of CPE, which is equivalent to weighting each interview catch rate by the time spent fishing. This weighting is appropriate because the total fishing trip is represented in the data.

References

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Tim Poole
Emily Satterfield
Don Seal
Paul Shaw
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STATEWIDE

STATEWIDE ANGLING EFFORT FOR ALL ANGLERS - 2008

LAKE	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
NORRIS	346330	11.9	10.1	66547	1.9	5.1
DALE HOLLOW	335407	7.4	14.6	52750	2.1	5.0
REELFOOT	520475	10.0	49.8	66995	6.5	7.7
CHEROKEE	407675	9.0	13.5	78464	2.5	6.0
TIMS FORD	56407	9.6	5.3	11642	1.0	0.8
BARKLEY	131119	11.7	7.4	21705	1.2	1.9
CENTER HILL	322409	13.0	17.6	58367	3.3	4.8
PERCY PRIEST	783696	5.4	55.2	174502	12.3	11.6
OLD HICKORY	970509	7.0	43.2	208509	9.2	14.4
MELTON HILL	87914	5.0	15.4	22459	4.0	1.3
NORMANDY	35387	11.2	11.6	7260	2.4	0.5
FT. LOUDOUN	197702	6.4	13.6	43406	2.9	2.9
CHICKAMAUGA	493508	8.5	14.1	79161	2.3	7.3
WATTS BAR	514776	13.0	13.4	82544	2.1	7.6
PICKWICK	67540	11.9	11.0	11026	1.8	1.0
KENTUCKY	1484970	6.2	13.7	239983	2.1	22.0
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STATEWIDE	**6755824**	**2.5**	**19.3**	**1225320**	**3.6**	**100.0**

STATEWIDE ANGLING EFFORT FOR INTENDED SPECIES GROUPS - 2008

INTENDED SPECIES	ANGLER HOURS	RELATIVE STANDARD ERROR	ANGLER TRIPS	PERCENT EFFORT
ANY CATFISH	653676	4.5	115855	9.7
MUSKELLUNGE	3062	24.9	634	0.0
RAINBOW TROUT	888	50.5	199	0.0
ANY TROUT	2129	35.7	418	0.0
BROWN TROUT	742	139.6	184	0.0
WHITE BASS	101844	10.4	18961	1.5
STRIPED BASS	199592	6.4	39964	3.0
CHEROKEE BASS	71827	9.9	14564	1.1
ANY SUNFISH	329208	7.3	53468	4.9
ANY BLACK BASS	1380672	4.2	237664	20.4
SMALLMOUTH BASS	188821	8.5	30242	2.8
SPOTTED BASS	15216	24.5	2895	0.2
LARGEMOUTH BASS	900237	4.8	190300	13.3
ANY CRAPPIE	1664642	4.6	282008	24.6
SAUGER	178445	10.9	30595	2.6
WALLEYE	144210	8.2	27537	2.1
SAUGEYE	1882	96.2	353	0.0
ANY SPECIES	916738	3.9	179380	13.6
OTHER	382	103.5	82	0.0

STATEWIDE CATCH STATISTICS FOR ALL ANGLERS, BY LAKE - 2008

LAKE	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	R H
NORRIS	351078	32.6	1.01	54.2	66288	21.0	0.19	
DALE HOLLOW	178938	11.6	0.53	23.0	68451	15.3	0.20	
REELFOOT	1232892	11.2	2.37	10.6	861108	11.3	1.65	
CHEROKEE	347704	9.4	0.85	12.7	81529	12.4	0.20	
TIMS FORD	35786	20.1	0.63	58.3	9454	25.6	0.17	
BARKLEY	304790	17.9	2.32	18.9	144792	22.5	1.10	
CENTER HILL	180621	14.0	0.56	23.9	64656	17.3	0.20	
PERCY PRIEST	1035894	8.8	1.32	22.3	292897	10.4	0.37	
OLD HICKORY	1597814	9.5	1.65	16.0	254805	13.3	0.26	
MELTON HILL	66060	9.7	0.75	30.0	6927	21.4	0.08	
NORMANDY	20319	15.4	0.57	29.6	6963	24.0	0.20	
FT. LOUDOUN	250960	8.8	1.27	20.1	41836	15.8	0.21	
CHICKAMAUGA	1560100	9.9	3.16	13.8	367287	11.7	0.74	
WATTS BAR	1326146	15.2	2.58	20.6	299453	18.8	0.58	
PICKWICK	44602	17.8	0.68	72.4	10207	10.2	0.15	
KENTUCKY	3767458	8.1	2.54	12.6	1786466	9.6	1.20	
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STATEWIDE	**12301162**	**3.9**	**1.82**	**18.3**	**4363119**	**5.0**	**0.64**	

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 20

INTENDED SPECIES=ANY CATFISH

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED
NORRIS	345	141.6	68	0.1	0.00	.	0.00	.
DALE HOLLOW	4306	31.3	648	0.7	0.59	54.1	0.59	54.1
REELFOOT	6759	26.6	872	1.0	0.55	34.1	0.49	38.1
CHEROKEE	39978	16.3	8008	6.1	0.64	22.9	0.41	25.1
TIMS FORD	521	73.1	111	0.1	0.29	.	0.00	.
BARKLEY	22031	17.6	3565	3.4	0.89	31.5	0.85	30.5
CENTER HILL	6342	35.2	1183	1.0	0.22	39.3	0.22	39.3
PERCY PRIEST	48914	11.4	10870	7.5	0.33	54.1	0.24	60.7
OLD HICKORY	69273	13.3	15380	10.6	0.37	29.9	0.32	33.9
MELTON HILL	1703	33.9	466	0.3	0.10	0.0	0.00	.
NORMANDY	2332	25.8	463	0.4	0.32	39.1	0.24	55.8
FT. LOUDOUN	9449	21.1	2246	1.4	0.43	46.4	0.09	64.7
CHICKAMAUGA	100324	10.6	16131	15.3	1.48	15.1	0.63	20.0
WATTS BAR	58667	16.4	9430	9.0	1.32	30.8	0.65	34.5
PICKWICK	13582	21.7	2319	2.1	0.76	14.1	0.66	19.0
KENTUCKY	269150	8.0	44095	41.2	0.76	22.7	0.60	24.6
STATEWIDE	**653676**		**115855**					

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2008

INTENDED SPECIES=MUSKELLUNGE

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED
DALE HOLLOW	887	61.5	134	29.0	0.12	.	0.08	.
MELTON HILL	2175	24.4	500	71.0	0.03	120.9	0.00	.
STATEWIDE	**3062**		**634**					

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2008

INTENDED SPECIES=RAINBOW TROUT

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED
DALE HOLLOW	163	148.2	23	18.4	7.00	.	7.00	.
MELTON HILL	725	52.1	176	81.6	0.73	6.0	0.41	18.6
STATEWIDE	**888**		**199**					

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2008

INTENDED SPECIES=ANY TROUT

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED
DALE HOLLOW	2129	35.7	418	100.0	0.02	176.1	0.02	176.1

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2008

INTENDED SPECIES=BROWN TROUT

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED
OLD HICKORY	742	139.6	184	100.0	0.00	.	0.00	.

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2008

INTENDED SPECIES=WHITE BASS

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED
CHEROKEE	895	73.1	168	0.9	0.47	.	0.47	.
TIMS FORD	251	69.7	50	0.2	0.46	0.0	0.00	.
BARKLEY	1623	42.0	291	1.6	2.07	26.9	1.18	31.8
PERCY PRIEST	13845	17.8	3089	13.6	0.56	110.8	0.20	132.9
OLD HICKORY	34966	18.6	7396	34.3	1.21	29.0	0.72	36.2
CHICKAMAUGA	2979	38.0	472	2.9	5.28	27.9	3.01	33.9
WATTS BAR	18988	24.4	3044	18.6	5.12	31.5	1.90	27.4
KENTUCKY	28297	22.6	4451	27.8	2.09	16.5	0.76	26.9
STATEWIDE	**101844**		**18961**					

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2008

INTENDED SPECIES=STRIPED BASS

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED
NORRIS	33232	18.0	6659	16.6	0.26	75.9	0.04	151.9
CHEROKEE	23301	15.3	4427	11.7	0.11	41.9	0.05	53.5
TIMS FORD	5962	24.2	1280	3.0	0.10	55.5	0.06	92.8
PERCY PRIEST	26829	14.0	5957	13.4	0.07	93.0	0.02	82.0
OLD HICKORY	54870	13.9	11887	27.5	0.18	47.9	0.09	62.6
MELTON HILL	6545	16.3	1688	3.3	0.06	88.5	0.00	.
FT. LOUDOUN	1926	61.5	443	1.0	0.86	.	0.00	.
CHICKAMAUGA	19536	17.9	3134	9.8	0.58	44.0	0.21	65.9
WATTS BAR	20108	21.9	3257	10.1	0.38	46.3	0.11	74.8
KENTUCKY	7283	36.7	1232	3.6	0.33	77.9	0.21	114.8
STATEWIDE	**199592**		**39964**					

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2008

INTENDED SPECIES=CHEROKEE BASS

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED
CHEROKEE	44202	14.1	8513	61.5	0.61	15.2	0.21	18.7
TIMS FORD	789	44.0	158	1.1	0.36	44.1	0.30	57.9
PERCY PRIEST	25669	12.8	5667	35.7	0.52	57.5	0.14	61.7
OLD HICKORY	1167	83.8	226	1.6	0.00	.	0.00	.
STATEWIDE	**71827**		**14564**					

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2008

INTENDED SPECIES=ANY SUNFISH

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED
NORRIS	25006	17.5	4997	7.6	2.24	24.1	1.17	27.6
DALE HOLLOW	21051	16.4	3354	6.4	2.94	23.4	1.97	25.3
REELFOOT	121760	13.5	14779	37.0	2.50	5.9	2.05	5.6
CHEROKEE	4361	38.1	857	1.3	1.86	16.1	0.75	24.0
TIMS FORD	1942	38.3	440	0.6	0.49	42.6	0.00	.
BARKLEY	9995	43.2	1640	3.0	7.73	9.0	6.29	10.0
CENTER HILL	7019	30.4	1348	2.1	1.95	38.6	1.29	43.7
PERCY PRIEST	23340	18.2	5275	7.1	2.31	42.7	1.00	52.5
OLD HICKORY	40453	17.3	8606	12.3	3.91	51.8	0.50	66.2
MELTON HILL	2295	28.7	613	0.7	1.73	15.8	0.64	53.4
NORMANDY	217	80.3	42	0.1	1.67	.	0.00	.
FT. LOUDOUN	5052	32.0	1125	1.5	1.66	58.5	0.42	103.7
CHICKAMAUGA	963	58.1	159	0.3	12.01	.	5.21	.
PICKWICK	3941	15.9	682	1.2	3.08	.	0.00	.
KENTUCKY	61813	21.8	9551	18.8	7.15	23.1	4.23	14.3
STATEWIDE	**329208**		**53468**					

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2008

INTENDED SPECIES=ANY BLACK BASS

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED
NORRIS	124831	18.1	23313	9.0	0.42	23.0	0.01	156.8
DALE HOLLOW	69658	9.8	10773	5.0	0.33	22.2	0.10	42.6
REELFOOT	42972	14.1	5526	3.1	0.73	13.2	0.02	86.9
CHEROKEE	702	89.0	136	0.1	0.63	.	0.42	.
TIMS FORD	26982	10.3	5477	2.0	0.38	24.7	0.03	65.5
BARKLEY	50129	15.0	8274	3.6	2.01	13.8	0.24	27.0
CENTER HILL	160682	14.8	28486	11.6	0.56	18.4	0.19	28.0
PERCY PRIEST	1181	73.9	272	0.1	0.00	.	0.00	.
MELTON HILL	36214	7.4	9270	2.6	0.88	22.7	0.04	64.2
NORMANDY	18176	11.9	3781	1.3	0.52	27.4	0.18	58.7
FT. LOUDOUN	94694	8.0	20810	6.9	0.97	15.7	0.04	63.4
CHICKAMAUGA	200330	9.2	32077	14.5	1.18	21.5	0.06	43.0
WATTS BAR	245760	14.5	39275	17.8	0.92	11.9	0.06	46.5
PICKWICK	32931	19.5	5360	2.4	0.78	25.9	0.09	77.5
KENTUCKY	275430	8.0	44834	19.9	2.11	14.6	0.20	39.9
STATEWIDE	**1380672**		**237664**					

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2008

INTENDED SPECIES=SMALLMOUTH BASS

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED
NORRIS	32140	27.0	6052	17.0	0.72	42.2	0.02	188.0
DALE HOLLOW	144566	9.1	21843	76.6	0.33	17.6	0.02	62.6
CHEROKEE	610	57.6	118	0.3	0.29	.	0.00	.
TIMS FORD	214	76.4	41	0.1	0.47	.	0.00	.
CENTER HILL	5124	44.8	938	2.7	0.10	58.5	0.00	.
PERCY PRIEST	2570	45.6	587	1.4	0.35	75.8	0.00	.
OLD HICKORY	2371	79.6	443	1.3	0.00	.	0.00	.
FT. LOUDOUN	536	80.7	119	0.3	0.25	.	0.00	.
WATTS BAR	361	103.3	51	0.2	0.00	.	0.00	.
KENTUCKY	329	143.5	50	0.2	0.00	.	0.00	.
STATEWIDE	**188821**		**30242**					

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2008

INTENDED SPECIES=SPOTTED BASS

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED
NORRIS	2687	89.2	456	17.7	0.38	.	0.28	.
CENTER HILL	11907	23.8	2299	78.3	0.87	41.7	0.51	46.4
PERCY PRIEST	622	63.1	140	4.1	1.51	7.8	0.00	.
STATEWIDE	**15216**		**2895**					

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2008

INTENDED SPECIES=LARGEMOUTH BASS

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED
NORRIS	2244	60.0	438	0.2	0.10	172.8	0.00	.
DALE HOLLOW	2736	37.5	396	0.3	0.35	60.5	0.06	94.4
CHEROKEE	188140	9.4	36086	20.9	0.62	7.4	0.01	107.6
TIMS FORD	97	113.8	20	0.0	0.00	.	0.00	.
PERCY PRIEST	266450	6.4	59068	29.6	0.63	18.8	0.04	30.7
OLD HICKORY	431904	8.1	92943	48.0	1.16	14.1	0.06	32.0
NORMANDY	177	64.0	35	0.0	0.28	20.9	0.00	.
WATTS BAR	251	158.5	38	0.0	1.75	.	0.00	.
PICKWICK	333	142.6	53	0.0	1.00	.	0.00	.
KENTUCKY	7905	41.0	1223	0.9	1.72	9.0	0.23	75.0
STATEWIDE	**900237**		**190300**					

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2008

INTENDED SPECIES=ANY CRAPPIE

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED
NORRIS	23948	34.2	4293	1.4	0.92	45.1	0.36	39.9
DALE HOLLOW	32267	12.3	4970	1.9	0.89	36.9	0.33	42.6
REELFOOT	339830	12.6	44615	20.4	1.91	7.8	1.36	7.9
CHEROKEE	83486	11.8	15851	5.0	1.17	13.6	0.52	16.6
TIMS FORD	7867	14.6	1614	0.5	0.94	59.9	0.49	58.3
BARKLEY	37208	15.0	6285	2.2	3.74	18.0	2.41	17.5
CENTER HILL	40187	21.0	7105	2.4	0.96	30.8	0.40	40.5
PERCY PRIEST	174730	6.4	39100	10.5	1.28	20.2	0.52	24.6
OLD HICKORY	105202	17.4	21781	6.3	1.30	22.2	0.61	43.7
MELTON HILL	14091	12.2	3489	0.8	0.73	27.7	0.28	43.2
NORMANDY	11329	17.4	2293	0.7	0.67	46.6	0.29	46.9
FT. LOUDOUN	53849	9.2	11608	3.2	1.42	18.9	0.61	26.2
CHICKAMAUGA	40793	11.9	6521	2.5	2.09	21.7	0.84	22.5
WATTS BAR	44716	19.7	7064	2.7	2.44	19.8	1.05	24.3
PICKWICK	996	68.5	170	0.1	1.78	.	1.53	.
KENTUCKY	654143	8.6	105249	39.3	2.59	11.4	1.67	12.7
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STATEWIDE	**1664642**		**282008**					

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2008

INTENDED SPECIES=SAUGER

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED
OLD HICKORY	32664	19.9	6925	18.3	0.80	27.9	0.13	42.5
FT. LOUDOUN	963	56.9	218	0.5	0.00	.	0.00	.
CHICKAMAUGA	8829	23.5	1428	4.9	2.73	19.9	0.22	33.4
WATTS BAR	9236	30.6	1539	5.2	1.95	26.0	0.24	50.9
KENTUCKY	126753	14.2	20485	71.0	0.48	25.4	0.21	29.5
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STATEWIDE	**178445**		**30595**					

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2008

INTENDED SPECIES=WALLEYE

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED
NORRIS	40665	15.5	8049	28.2	0.08	59.8	0.07	70.7
DALE HOLLOW	34411	13.0	6209	23.9	0.32	28.3	0.23	30.6
CHEROKEE	3390	38.4	686	2.4	0.27	58.7	0.07	109.6
TIMS FORD	2787	28.5	606	1.9	0.01	86.2	0.01	86.2
CENTER HILL	56375	15.2	10545	39.1	0.21	38.8	0.06	52.4
OLD HICKORY	6304	39.3	1371	4.4	0.42	31.3	0.10	0.0
MELTON HILL	161	103.8	46	0.1	0.00	.	0.00	.
NORMANDY	117	82.3	25	0.1	0.13	127.1	0.00	.
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STATEWIDE	**144210**		**27537**					

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2008

INTENDED SPECIES=SAUGEYE

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED
OLD HICKORY	1882	96.2	353	100.0	0.00	.	0.00	.

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2008

INTENDED SPECIES=ANY SPECIES

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED
NORRIS	61229	12.7	12221	6.7	0.62	53.2	0.09	85.6
DALE HOLLOW	23231	13.3	3978	2.5	0.10	85.7	0.05	167.3
REELFOOT	9154	23.8	1203	1.0	0.62	120.3	0.54	136.5
CHEROKEE	18608	17.6	3611	2.0	0.55	36.0	0.25	35.9
TIMS FORD	8995	19.0	1846	1.0	0.78	40.6	0.23	68.5
BARKLEY	10131	35.0	1647	1.1	1.37	30.5	0.64	42.1
CENTER HILL	34780	19.4	6465	3.8	0.15	142.4	0.10	131.8
PERCY PRIEST	199542	7.0	44475	21.8	1.06	24.8	0.39	33.1
OLD HICKORY	188461	9.1	40954	20.6	1.18	29.2	0.39	62.4
MELTON HILL	24005	8.6	6210	2.6	0.72	49.4	0.01	168.0
NORMANDY	3036	23.9	620	0.3	0.31	71.4	0.01	244.4
FT. LOUDOUN	31102	11.7	6812	3.4	0.74	34.6	0.07	111.5
CHICKAMAUGA	119750	10.9	19236	13.1	4.78	17.9	1.64	28.7
WATTS BAR	116692	16.4	18846	12.7	3.26	22.6	1.01	39.5
PICKWICK	14156	27.6	2442	1.5	2.25	44.1	0.61	56.7
KENTUCKY	53866	14.2	8814	5.9	2.14	39.5	0.95	53.6
STATEWIDE	**916738**		**179380**					

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2008

INTENDED SPECIES=OTHER

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED
OLD HICKORY	251	140.3	57	65.7	0.00	.	0.00	.
FT. LOUDOUN	131	137.3	25	34.3	0.00	.	0.00	.
STATEWIDE	**382**		**82**					

STATEWIDE SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS, BY LAKE - 2008

LAKE	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
NORRIS	2019560	1445110	3446080	255
DALE HOLLOW	1881360	1072780	2954030	1137
REELFOOT	2636480	661660	3298140	978
CHEROKEE	972470	1243900	2215960	1251
TIMS FORD	142110	146930	289030	34
BARKLEY	674750	434410	1108780	280
CENTER HILL	1446270	865050	2298190	562
PERCY PRIEST	2644300	824920	3469230	438
OLD HICKORY	3422680	1358790	4778820	328
MELTON HILL	382190	239860	622040	528
NORMANDY	44330	40800	85120	19
FT. LOUDOUN	806600	434000	1240590	632
CHICKAMAUGA	1799390	1852130	3651530	1284
WATTS BAR	2029290	1968850	3998130	779
PICKWICK	319760	78340	322680	81
KENTUCKY	5428740	2389990	7816210	2009
TOTAL	**26650280**	**15057520**	**41594560**	**10595**

STATEWIDE SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS, BY INTENDED SPECIES - 2008

TARGET	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBR OF INTERVIEWS
ANY CATFISH	1703200	1012380	2711770	958
MUSKELLUNGE	25160	26660	51820	20
RAINBOW TROUT	3410	1030	4320	4
ANY TROUT	19090	6150	25240	7
BROWN TROUT	9190	0	9190	1
WHITE BASS	317100	180050	496750	113
STRIPED BASS	1137100	733390	1860350	288
CHEROKEE BASS	239010	196060	435060	132
ANY SUNFISH	1288840	458760	1738960	483
ANY BLACK BASS	7977650	5207190	13126190	2961
SMALLMOUTH BASS	1195550	710750	1899810	508
SPOTTED BASS	56280	40850	95080	27
LARGEMOUTH BASS	4102260	1741820	5838800	948
ANY CRAPPIE	5431460	2600610	8026880	2633
SAUGER	553190	126890	677430	216
WALLEYE	517020	380440	894130	306
ANY SPECIES	2074470	1634410	3702400	989
OTHER	300	80	380	1
TOTAL	**26650280**	**15057520**	**41594560**	**10595**

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MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2008

LAKE=KENTUCKY

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	59222	25.8	0.5	9726	0.1	4.0
02 FEBRUARY	160614	20.8	1.5	26718	0.2	10.8
03 MARCH	186521	23.4	1.7	30578	0.3	12.6
04 APRIL	281435	12.0	2.6	41201	0.4	19.0
05 MAY	234719	20.5	2.2	35583	0.3	15.8
06 JUNE	141932	13.2	1.3	23473	0.2	9.6
07 JULY	104411	18.8	1.0	18045	0.2	7.0
08 AUGUST	81375	20.7	0.8	13561	0.1	5.5
09 SEPTEMBER	83222	22.9	0.8	13541	0.1	5.6
10 OCTOBER	91909	12.8	0.8	15921	0.1	6.2
11 NOVEMBER	48548	22.2	0.4	9201	0.1	3.3
12 DECEMBER	11062	22.0	0.1	2435	0.0	0.7
TOTAL	**1484970**			**239983**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2008

LAKE=KENTUCKY

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	R H
01 JANUARY	101862	43.1	1.72	33.4	53892	43.6	0.91	
02 FEBRUARY	396717	24.7	2.47	13.1	265013	25.5	1.65	
03 MARCH	481224	29.2	2.58	17.1	238747	32.0	1.28	
04 APRIL	875263	14.9	3.11	8.8	461553	16.8	1.64	
05 MAY	877849	21.5	3.74	6.3	448313	23.0	1.91	
06 JUNE	292380	19.4	2.06	14.0	102191	25.7	0.72	
07 JULY	234925	21.7	2.25	10.8	52206	34.3	0.50	
08 AUGUST	116366	26.0	1.43	15.4	30109	31.7	0.37	
09 SEPTEMBER	120672	27.5	1.45	14.9	35785	30.4	0.43	
10 OCTOBER	184737	23.2	2.01	19.2	60660	27.4	0.66	
11 NOVEMBER	69424	27.8	1.43	16.4	30585	30.9	0.63	
12 DECEMBER	16040	47.0	1.45	40.6	7412	57.8	0.67	
TOTAL	**3767459**				**1786466**			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=KENTUCKY

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)
SKIPJACK HERRING	202	911.8	0.0	0	0	.	0.0	0	100.0	.
ALEWIFE	3420	352.7	0.1	0	1533	540.7	0.1	0	55.2	0.77
GIZZARD SHAD	1727	302.6	0.0	0	333	594.1	0.0	0	80.7	1.22
SHORTHEAD REDHORSE	2872	699.3	0.1	2872	0	.	0.0	0	100.0	.
BLUE CATFISH	140784	30.0	3.7	138730	101541	39.0	5.7	100554	27.9	2.24
CHANNEL CATFISH	64061	47.9	1.7	63724	46733	61.2	2.6	46733	27.0	2.96
FLATHEAD CATFISH	341	1183.8	0.0	341	341	1183.8	0.0	341	0.0	7.90
CHAIN PICKERAL	328	1477.0	0.0	0	0	.	0.0	0	100.0	.
TIGER MUSKIE	117	984.5	0.0	117	117	984.5	0.0	117	0.0	1.70
WHITE BASS	106081	39.7	2.8	62218	29848	48.3	1.7	22279	71.9	0.85
YELLOW BASS	195848	20.7	5.2	8197	1502	403.6	0.1	1502	99.2	0.31
STRIPED BASS	1665	315.2	0.0	1469	968	404.8	0.1	691	41.9	6.56
CHEROKEE BASS	1905	1505.7	0.1	0	1724	1591.5	0.1	0	9.5	1.48
WARMOUTH	367	1163.3	0.0	367	0	.	0.0	0	100.0	.
BLUEGILL	475123	19.3	12.6	425399	279020	27.2	15.6	273529	41.3	0.28
REDEAR SUNFISH	57453	75.9	1.5	57453	38848	94.3	2.2	38848	32.4	0.51
SMALLMOUTH BASS	7619	273.9	0.2	7306	105	1293.2	0.0	105	98.6	3.70
SPOTTED BASS	57757	57.1	1.5	47677	7612	104.7	0.4	4758	86.8	1.21
LARGEMOUTH BASS	570616	10.8	15.2	530765	16872	38.9	0.9	16358	97.0	2.65
WHITE CRAPPIE	1128103	8.3	30.0	1120073	665320	11.4	37.2	660667	41.0	0.75
BLACK CRAPPIE	839365	11.4	22.3	836877	552952	15.3	30.9	551045	34.1	0.94
BLACKNOSE CRAPPIE	39	3339.9	0.0	39	0	.	0.0	0	100.0	.
YELLOW PERCH	107	904.7	0.0	0	107	904.7	0.0	0	0.0	0.50
SAUGER	100786	20.9	2.7	97900	40497	28.3	2.3	38881	59.8	1.29
FRESHWATER DRUM	6392	301.1	0.2	107	169	1287.3	0.0	169	97.4	2.20

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2008

LAKE=KENTUCKY

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR
ANY CATFISH	269150	8.0	44095	18.1	0.76	22.7	0.60	24.6
WHITE BASS	28297	22.6	4451	1.9	2.09	16.5	0.76	26.9
STRIPED BASS	7283	36.7	1232	0.5	0.33	77.9	0.21	114.8
ANY SUNFISH	61813	21.8	9551	4.2	7.15	23.1	4.23	14.3
ANY BLACK BASS	275430	8.0	44834	18.5	2.11	14.6	0.20	39.9
SMALLMOUTH BASS	329	143.5	50	0.0	0.00		0.00	
LARGEMOUTH BASS	7905	41.0	1223	0.5	1.72	9.0	0.23	75.0
ANY CRAPPIE	654143	8.6	105249	44.1	2.59	11.4	1.67	12.7
SAUGER	126753	14.2	20485	8.5	0.48	25.4	0.21	29.5
ANY SPECIES	53866	14.2	8814	3.6	2.14	39.5	0.95	53.6
TOTAL	**1484969**		**239984**					

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2008

LAKE=KENTUCKY

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	ANY CATFISH	0.00	0.00
	BLUE CATFISH	0.52	0.41
	CHANNEL CATFISH	0.24	0.19
	FLATHEAD CATFISH	0.00	0.00
ANY SUNFISH			
	ANY SUNFISH	0.00	0.00
	WARMOUTH	0.01	0.00
	BLUEGILL	6.29	3.70
	REDEAR SUNFISH	0.85	0.53
ANY BLACK BASS			
ANY BLACK BASS			
ANY BLACK BASS			
	SMALLMOUTH BASS	0.03	0.00
	SPOTTED BASS	0.17	0.02
	LARGEMOUTH BASS	1.87	0.06
ANY CRAPPIE			
	WHITE CRAPPIE	1.48	0.91
	BLACK CRAPPIE	1.11	0.76
	BLACKNOSE CRAPPIE	0.00	0.00

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOUR
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTI

LAKE=KENTUCKY

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVI (NON-TOURN
01 JANUARY	0		0	0.98	5
02 FEBRUARY	0		0	1.46	4
03 MARCH	0		0	2.57	31
04 APRIL	35	2.18	9	2.41	42
05 MAY	45	2.31	11	2.37	34
06 JUNE	28	2.00	14	1.95	58
07 JULY	38	2.63	35	2.03	76
08 AUGUST	51	1.78	12	1.73	57
09 SEPTEMBER	23	2.66	10	1.90	41
10 OCTOBER	13	2.38	2	1.73	59
11 NOVEMBER	32	2.27	2	1.53	18

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2008

LAKE=KENTUCKY

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	596310	179590	775900	313
WHITE BASS	57730	27960	85690	31
STRIPED BASS	13550	4060	17610	13
ANY SUNFISH	168590	74370	242960	50
ANY BLACK BASS	2047980	942380	2990350	503
SMALLMOUTH BASS	2500			1
LARGEMOUTH BASS	52770	6730	59490	9
ANY CRAPPIE	2000900	1075150	3076050	892
SAUGER	364320	44130	408450	146
ANY SPECIES	124090	35620	159710	51
TOTAL	**5428740**	**2389990**	**7816210**	**2009**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2008

LAKE=KENTUCKY

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	3461	89.4
OTHERS	412	10.6

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
BENTON	729	21.4
CARROLL	245	7.2
HENRY	673	19.7
HOUSTON	231	6.8
HUMPHREYS	287	8.4
OTHERS IN TN	1243	36.5
OUT-OF-STATE	2	0.1

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	2395	62.4
B) 26-100	1186	30.9
C) 101-250	77	2.0
D) > 250	181	4.7

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	1997	97.4
B) VACATION	34	1.7
C) BUSINESS	20	1.0

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	1839	90.2
B) 2-5	116	5.7
C) 6-10	65	3.2
D) 11-15	17	0.8
F) >20	2	0.1

KENTUCKY #1

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MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2008

LAKE=KENTUCKY #1 NORTH

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	33314	39.3	0.3	5482	0.1	3.3
02 FEBRUARY	108761	27.3	1.0	19459	0.2	10.8
03 MARCH	139545	29.8	1.3	23199	0.2	13.9
04 APRIL	235861	14.0	2.2	34180	0.3	23.4
05 MAY	168796	27.1	1.6	25721	0.2	16.8
06 JUNE	92320	19.0	0.9	14045	0.1	9.2
07 JULY	60781	22.7	0.6	9971	0.1	6.0
08 AUGUST	47986	27.7	0.4	8058	0.1	4.8
09 SEPTEMBER	33608	34.4	0.3	5698	0.1	3.3
10 OCTOBER	53432	18.5	0.5	9204	0.1	5.3
11 NOVEMBER	26897	32.8	0.2	5072	0.0	2.7
12 DECEMBER	5642	22.7	0.1	1293	0.0	0.6
TOTAL	**1006943**			**161382**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2008

LAKE=KENTUCKY #1 NORTH

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RS HA
01 JANUARY	79287	50.0	2.38	28.8	44308	50.3	1.33	
02 FEBRUARY	330633	30.2	3.04	12.5	237099	30.4	2.18	
03 MARCH	397703	34.9	2.85	17.5	207922	36.9	1.49	
04 APRIL	806645	16.3	3.42	8.2	422191	18.2	1.79	
05 MAY	762958	27.6	4.52	5.2	405110	28.7	2.40	
06 JUNE	214182	22.7	2.32	12.2	77549	26.9	0.84	
07 JULY	108190	27.0	1.78	14.4	24920	44.1	0.41	
08 AUGUST	65261	29.7	1.36	10.5	14396	38.1	0.30	
09 SEPTEMBER	45035	38.8	1.34	17.0	9746	42.0	0.29	
10 OCTOBER	123428	25.6	2.31	17.3	43280	31.4	0.81	
11 NOVEMBER	47877	36.2	1.78	14.5	23400	37.1	0.87	
12 DECEMBER	11566	37.1	2.05	28.6	5924	41.0	1.05	
TOTAL	**2992765**				**1515845**			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=KENTUCKY #1 NORTH

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)
ALEWIFE	1486	580.0	0.0	0	900	779.0	0.1	0	39.4	0.83
SHORTHEAD REDHORSE	2872	699.3	0.1	2872	0		0.0	0	100.0	
BLUE CATFISH	39138	96.9	1.3	38450	37212	100.5	2.5	37125	4.9	1.90
CHANNEL CATFISH	12892	209.4	0.4	12769	12532	212.1	0.8	12532	2.8	2.56
CHAIN PICKERAL	328	1477.0	0.0	0	0		0.0	0	100.0	
TIGER MUSKIE	117	984.5	0.0	117	117	984.5	0.0	117	0.0	1.70
WHITE BASS	26933	118.1	0.9	14531	3127	274.1	0.2	3127	88.4	0.59
YELLOW BASS	188699	20.0	6.3	6378	300	315.3	0.0	300	99.8	0.33
CHEROKEE BASS	1905	1505.7	0.1	0	1724	1591.5	0.1	0	9.5	1.48
BLUEGILL	388351	22.5	13.0	358388	260054	28.9	17.2	259202	33.0	0.28
REDEAR SUNFISH	47596	83.3	1.6	47596	33669	103.6	2.2	33669	29.3	0.51
SMALLMOUTH BASS	6493	309.1	0.2	6385	0		0.0	0	100.0	
SPOTTED BASS	20964	124.5	0.7	20964	272	895.2	0.0	272	98.7	1.43
LARGEMOUTH BASS	372017	13.5	12.4	343997	1518	162.8	0.1	1485	99.6	2.21
WHITE CRAPPIE	1050434	8.7	35.1	1042911	616642	12.1	40.7	612094	41.3	0.75
BLACK CRAPPIE	825095	11.4	27.6	822735	546511	15.3	36.1	544727	33.8	0.94
BLACKNOSE CRAPPIE	39	3339.9	0.0	39	0		0.0	0	100.0	
SAUGER	1421	632.6	0.0	1346	739	354.5	0.0	707	48.0	1.44
FRESHWATER DRUM	4193	360.3	0.1	0	0		0.0	0	100.0	

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2008

LAKE=KENTUCKY #1 NORTH

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR
ANY CATFISH	119238	11.7	19095	11.8	0.58	23.7	0.57	24.1
WHITE BASS	8059	29.4	1308	0.8	1.82	24.1	0.36	75.0
ANY SUNFISH	51085	25.5	7754	5.1	8.32	9.2	6.26	10.6
ANY BLACK BASS	187208	10.0	29845	18.6	2.23	10.0	0.14	30.6
SMALLMOUTH BASS	329	143.5	50	0.0	0.00		0.00	
LARGEMOUTH BASS	1002	105.7	179	0.1	0.75		0.00	
ANY CRAPPIE	589297	9.4	94688	58.5	3.91	7.5	2.50	7.9
SAUGER	25267	26.6	4503	2.5	0.09	58.3	0.06	59.2
ANY SPECIES	25458	19.4	3959	2.5	2.72	41.2	1.40	48.4
TOTAL	**1006943**		**161381**					

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2008

LAKE=KENTUCKY #1 NORTH

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	ANY CATFISH	0.00	0.00
	BLUE CATFISH	0.44	0.43
	CHANNEL CATFISH	0.14	0.14
ANY SUNFISH			
	ANY SUNFISH	0.00	0.00
	BLUEGILL	7.34	5.54
	REDEAR SUNFISH	0.98	0.72
ANY BLACK BASS			
ANY BLACK BASS			
ANY BLACK BASS			
	SMALLMOUTH BASS	0.03	0.00
	SPOTTED BASS	0.11	0.00
	LARGEMOUTH BASS	1.82	0.01
ANY CRAPPIE			
	WHITE CRAPPIE	2.19	1.32
	BLACK CRAPPIE	1.72	1.18
	BLACKNOSE CRAPPIE	0.00	0.00

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOUR
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTI

LAKE=KENTUCKY #1 NORTH

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVI (NON-TOURN
01 JANUARY	0		0	0.97	3
02 FEBRUARY	0		0	0.92	2
03 MARCH	0		0	2.59	25
04 APRIL	35	2.18	9	2.78	26
05 MAY	49	2.43	9	2.71	21
06 JUNE	28	2.00	14	2.04	43
07 JULY	41	2.46	30	1.42	54
08 AUGUST	21	2.48	3	1.67	47
09 SEPTEMBER	26	2.86	8	2.07	30
10 OCTOBER	13	2.38	2	2.14	33
11 NOVEMBER	32	2.27	2	1.70	13

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2008

LAKE=KENTUCKY #1 NORTH

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	317640	179590	497230	164
WHITE BASS	28080	15150	43230	15
ANY SUNFISH	151980	74370	226350	41
ANY BLACK BASS	1587780	940650	2528440	367
SMALLMOUTH BASS	2500			1
LARGEMOUTH BASS	6730	6730	13450	1
ANY CRAPPIE	1890830	1043130	2933960	794
SAUGER	60540	44130	104670	29
ANY SPECIES	61060	29830	90890	26
TOTAL	**4107140**	**2333580**	**6438220**	**1438**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2008

LAKE=KENTUCKY #1 NORTH

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	2477	89
OTHERS	305	11

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
BENTON	623	25.3
CARROLL	217	8.8
HENRY	671	27.3
HOUSTON	231	9.4
HUMPHREYS	164	6.7
OTHERS IN TN	552	22.4
OUT-OF-STATE	2	0.1

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	1676	60.3
B) 26-100	867	31.2
C) 101-250	62	2.2
D) > 250	176	6.3

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	1440	99
B) VACATION	15	1

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	1291	88.7
B) 2-5	82	5.6
C) 6-10	64	4.4
D) 11-15	16	1.1
F) >20	2	0.1

KENTUCKY #2

SOUTH

RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2008

LAKE=KENTUCKY #2 SOUTH

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	25908	30.2	0.2	4244	0.0	5.4
02 FEBRUARY	51852	29.6	0.5	7259	0.1	10.8
03 MARCH	46976	28.2	0.4	7379	0.1	9.8
04 APRIL	45574	16.7	0.4	7020	0.1	9.5
05 MAY	65923	22.7	0.6	9862	0.1	13.8
06 JUNE	49612	13.2	0.5	9428	0.1	10.4
07 JULY	43630	31.9	0.4	8074	0.1	9.1
08 AUGUST	33388	31.1	0.3	5504	0.1	7.0
09 SEPTEMBER	49615	30.5	0.5	7843	0.1	10.4
10 OCTOBER	38477	16.7	0.4	6717	0.1	8.0
11 NOVEMBER	21651	28.6	0.2	4129	0.0	4.5
12 DECEMBER	5421	38.3	0.1	1141	0.0	1.1
TOTAL	**478027**			**78600**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2008

LAKE=KENTUCKY #2 SOUTH

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE HAR R
01 JANUARY	22799	55.6	0.88	44.7	9327	54.4	0.36	4
02 FEBRUARY	65334	31.6	1.26	10.5	28000	35.3	0.54	1
03 MARCH	83148	29.9	1.77	9.7	30534	31.5	0.65	1
04 APRIL	67450	23.1	1.48	15.7	39194	19.2	0.86	
05 MAY	114047	26.8	1.73	13.9	44168	29.9	0.67	1
06 JUNE	78883	23.2	1.59	18.9	25302	34.0	0.51	3
07 JULY	126963	32.9	2.91	7.7	27051	38.3	0.62	2
08 AUGUST	50750	37.2	1.52	19.6	15692	38.4	0.47	2
09 SEPTEMBER	75415	33.7	1.52	13.7	25800	35.9	0.52	1
10 OCTOBER	61563	28.5	1.60	22.8	16930	22.0	0.44	1
11 NOVEMBER	21651	35.5	1.00	20.1	7361	45.6	0.34	3
12 DECEMBER	4445	.	0.82	.	1464	.	0.27	
TOTAL	**772448**				**270823**			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=KENTUCKY #2 SOUTH

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AV W
SKIPJACK HERRING	202	911.8	0.0	0	0	.	0.0	0	100.0	
ALEWIFE	1934	436.2	0.3	0	633	698.4	0.2	0	67.3	
GIZZARD SHAD	1727	302.6	0.2	0	333	594.1	0.1	0	80.7	
BLUE CATFISH	101645	18.2	13.2	100403	64331	20.2	23.8	63185	36.7	
CHANNEL CATFISH	51170	28.5	6.6	50984	34203	30.9	12.6	34203	33.2	
FLATHEAD CATFISH	341	1183.8	0.0	341	341	1183.8	0.1	341	0.0	
WHITE BASS	79146	34.9	10.2	48132	26721	43.4	9.9	18897	66.2	
YELLOW BASS	7148	207.6	0.9	2274	1202	498.1	0.4	1202	83.2	
STRIPED BASS	1665	315.2	0.2	1469	968	404.8	0.4	691	41.9	
WARMOUTH	367	1163.3	0.0	367	0	.	0.0	0	100.0	
BLUEGILL	86772	32.9	11.2	63848	18965	53.8	7.0	12835	78.1	
REDEAR SUNFISH	9859	184.2	1.3	9859	5179	215.3	1.9	5179	47.5	
SMALLMOUTH BASS	1125	507.4	0.1	952	105	1293.2	0.0	105	90.7	
SPOTTED BASS	36794	54.7	4.8	25771	7340	103.4	2.7	4243	80.1	
LARGEMOUTH BASS	198598	17.7	25.7	188834	15356	39.6	5.7	14596	92.3	
WHITE CRAPPIE	77667	26.8	10.1	77184	48678	28.2	18.0	48678	37.3	
BLACK CRAPPIE	14271	125.5	1.8	14118	6440	145.6	2.4	6294	54.9	
YELLOW PERCH	107	904.7	0.0	0	107	904.7	0.0	0	0.0	
SAUGER	99365	19.2	12.9	96620	39758	28.0	14.7	38180	60.0	
FRESHWATER DRUM	2200	542.1	0.3	220	169	1287.3	0.1	169	92.3	

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2008

LAKE=KENTUCKY #2 SOUTH

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	R H PE
ANY CATFISH	149912	10.9	24999	31.4	0.95	21.3	0.65	
WHITE BASS	20238	29.4	3143	4.2	2.19	15.2	0.92	
STRIPED BASS	7283	36.7	1232	1.5	0.33	77.9	0.21	
ANY SUNFISH	10728	32.1	1799	2.2	5.22	36.1	1.79	
ANY BLACK BASS	88222	13.1	14987	18.5	2.03	17.6	0.23	
LARGEMOUTH BASS	6903	44.4	1044	1.4	1.87	8.4	0.26	
ANY CRAPPIE	64846	12.9	10560	13.6	1.33	22.9	0.80	
SAUGER	101486	16.4	15983	21.2	0.81	17.7	0.33	
ANY SPECIES	28408	20.6	4855	5.9	1.81	29.3	0.52	
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TOTAL	**478026**		**78602**					

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2008

LAKE=KENTUCKY #2 SOUTH

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	ANY CATFISH	0.00	0.00
	BLUE CATFISH	0.63	0.42
	CHANNEL CATFISH	0.32	0.23
	FLATHEAD CATFISH	0.00	0.00
ANY SUNFISH			
	WARMOUTH	0.03	0.00
	BLUEGILL	4.50	1.28
	REDEAR SUNFISH	0.69	0.51
ANY BLACK BASS			
ANY BLACK BASS			
	SMALLMOUTH BASS	0.01	0.00
	SPOTTED BASS	0.27	0.04
	LARGEMOUTH BASS	1.99	0.15
ANY CRAPPIE			
	WHITE CRAPPIE	1.12	0.71
	BLACK CRAPPIE	0.21	0.09

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOUR
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTI

LAKE=KENTUCKY #2 SOUTH

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVI (NON-TOURN
01 JANUARY	0		0	1.00	2
02 FEBRUARY	0		0	2.00	2
03 MARCH	0		0	2.49	6
04 APRIL	0		0	1.81	16
05 MAY	25	1.75	2	1.83	13
06 JUNE	0		0	1.68	15
07 JULY	20	3.67	5	3.51	22
08 AUGUST	61	1.54	9	2.03	10
09 SEPTEMBER	12	1.88	2	1.44	11
10 OCTOBER	0		0	1.21	26
11 NOVEMBER	0		0	1.09	5

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2008

LAKE=KENTUCKY #2 SOUTH

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	278670	0	278670	149
WHITE BASS	29650	12810	42460	16
STRIPED BASS	13550	4060	17610	13
ANY SUNFISH	16610	0	16610	9
ANY BLACK BASS	460200	1720	461920	136
LARGEMOUTH BASS	46040	0	46040	8
ANY CRAPPIE	110070	32020	142100	98
SAUGER	303780	0	303780	117
ANY SPECIES	63030	5790	68820	25
TOTAL	**1321600**	**56400**	**1378010**	**571**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2008

LAKE=KENTUCKY #2 SOUTH

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
MS	95	8.7
TN	984	90.2
OTHERS	12	1.1

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
BENTON	106	11.2
DECATUR	98	10.3
HARDIN	97	10.2
HUMPHREYS	123	12.9
MADISON	115	12.1
PERRY	68	7.2
OTHERS IN TN	343	36.1

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	719	68.0
B) 26-100	319	30.2
C) 101-250	15	1.4
D) > 250	5	0.5

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	557	93.5
B) VACATION	19	3.2
C) BUSINESS	20	3.4

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	548	93.8
B) 2-5	34	5.8
C) 6-10	1	0.2
D) 11-15	1	0.2

BARKLEY
RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2008

LAKE=BARKLEY

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	1066	47.6	0.1	208	0.0	0.8
02 FEBRUARY	1400	15.2	0.1	256	0.0	1.1
04 APRIL	26759	12.2	1.5	4302	0.2	20.4
05 MAY	36449	37.6	2.0	6087	0.3	27.8
06 JUNE	18132	12.5	1.0	2814	0.2	13.8
07 JULY	13795	30.1	0.8	2239	0.1	10.5
08 AUGUST	6716	2.0	0.4	1311	0.1	5.1
09 SEPTEMBER	7524	34.0	0.4	1156	0.1	5.7
10 OCTOBER	13006	17.0	0.7	2046	0.1	9.9
11 NOVEMBER	4829	22.8	0.3	979	0.1	3.7
12 DECEMBER	1443	21.2	0.1	307	0.0	1.1
TOTAL	**131119**			**21705**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2008

LAKE=BARKLEY

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE HAR R
01 JANUARY	3027	49.1	2.84	11.1	2420	48.8	2.27	1
02 FEBRUARY	2492	17.1	1.78	7.8	1876	16.1	1.34	
04 APRIL	69573	18.5	2.60	13.8	27829	22.4	1.04	1
05 MAY	116637	44.2	3.20	21.8	67431	46.6	1.85	2
06 JUNE	40072	17.5	2.21	12.1	20670	22.2	1.14	1
07 JULY	21934	30.9	1.59	6.4	4552	34.8	0.33	1
08 AUGUST	11149	9.8	1.66	9.5	3022	13.7	0.45	1
09 SEPTEMBER	3687	37.5	0.49	14.9	1053	37.8	0.14	1
10 OCTOBER	21720	23.0	1.67	15.1	8064	19.4	0.62	
11 NOVEMBER	11541	31.7	2.39	21.4	6229	35.2	1.29	2
12 DECEMBER	2958		2.05		1645		1.14	
TOTAL	**304790**				**144791**			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=BARKLEY

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AV W
BLUE CATFISH	12759	128.4	4.2	11750	11408	135.1	7.9	10915	10.6	
CHANNEL CATFISH	4328	190.6	1.4	4063	4328	190.6	3.0	4063	0.0	
FLATHEAD CATFISH	87	1827.1	0.0	87	87	1827.1	0.1	87	0.0	
WHITE BASS	4549	86.9	1.5	3791	1823	86.3	1.3	1823	59.9	
YELLOW BASS	19137	52.9	6.3	1211	134	448.3	0.1	134	99.3	
STRIPED BASS	105	739.8	0.0	0	56	858.6	0.0	0	46.7	
BLUEGILL	68187	42.5	22.4	63826	48323	53.2	33.4	48323	29.1	
REDEAR SUNFISH	9447	154.1	3.1	9447	9167	158.2	6.3	9167	3.0	
SMALLMOUTH BASS	50	1725.3	0.0	50	0		0.0	0	100.0	
LARGEMOUTH BASS	79846	18.3	26.2	77430	1861	145.0	1.3	1861	97.7	
WHITE CRAPPIE	56636	35.2	18.6	56636	35585	46.2	24.6	35585	37.2	
BLACK CRAPPIE	47957	30.6	15.7	47712	32022	36.9	22.1	31906	33.2	
FRESHWATER DRUM	1835	282.3	0.6	153	0		0.0	0	100.0	

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2008

LAKE=BARKLEY

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RS HA PER
ANY CATFISH	22031	17.6	3565	16.8	0.89	31.5	0.85	3
WHITE BASS	1623	42.0	291	1.2	2.07	26.9	1.18	3
ANY SUNFISH	9995	43.2	1640	7.6	7.73	9.0	6.29	1
ANY BLACK BASS	50129	15.0	8274	38.2	2.01	13.8	0.24	2
ANY CRAPPIE	37208	15.0	6285	28.4	3.74	18.0	2.41	1
ANY SPECIES	10131	35.0	1647	7.7	1.37	30.5	0.64	4
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TOTAL	**131117**		**21702**					

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2008

LAKE=BARKLEY

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	BLUE CATFISH	0.66	0.62
	CHANNEL CATFISH	0.23	0.23
	FLATHEAD CATFISH	0.00	0.00
ANY SUNFISH			
	BLUEGILL	6.73	5.29
	REDEAR SUNFISH	1.00	1.00
ANY BLACK BASS			
	SMALLMOUTH BASS	0.00	0.00
	LARGEMOUTH BASS	1.54	0.04
ANY CRAPPIE			
	WHITE CRAPPIE	2.03	1.27
	BLACK CRAPPIE	1.71	1.14

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOUR
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTI

LAKE=BARKLEY

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVI (NON-TOURN
01 JANUARY	0		0	0.00	1
04 APRIL	16	1.58	3	2.31	10
05 MAY	67	1.98	5	1.83	6
06 JUNE	75	2.38	11	1.59	9
07 JULY	54	2.44	9	1.43	14
08 AUGUST	0		0	1.66	11
09 SEPTEMBER	54	1.78	5	1.64	6
10 OCTOBER	10	1.63	2	2.67	15
11 NOVEMBER	0		0	1.09	6
12 DECEMBER	0		0	0.73	1

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2008

LAKE=BARKLEY

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	58840	22420	81260	41
WHITE BASS	6400	2100	8110	9
ANY SUNFISH	41810	19560	61370	8
ANY BLACK BASS	410510	307710	718220	114
ANY CRAPPIE	129990	69140	199130	97
ANY SPECIES	27200	13480	40690	11
TOTAL	**674750**	**434410**	**1108780**	**280**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2008

LAKE=BARKLEY

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	558	99.6
OTHERS	2	0.4

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
MONTGOMERY	268	48.2
ROBERTSON	40	7.2
STEWART	212	38.1
OTHERS IN TN	36	6.5

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	263	47.0
B) 26-100	295	52.7
D) > 250	2	0.4

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	278	98.6
B) VACATION	3	1.1
C) BUSINESS	1	0.4

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	271	96.1
B) 2-5	11	3.9

PICKWICK
RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2008

LAKE=PICKWICK

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	1326	40.0	0.2	234	0.0	2.0
02 FEBRUARY	1602		0.3			2.4
03 MARCH	16607	42.7	2.7	2291	0.4	24.6
04 APRIL	10320	10.9	1.7	1629	0.3	15.3
05 MAY	9733		1.6	1693	0.3	14.4
06 JUNE	6277	38.4	1.0	1065	0.2	9.3
07 JULY	4710	13.3	0.8	853	0.1	7.0
08 AUGUST	4932	9.3	0.8	652	0.1	7.3
09 SEPTEMBER	6300		1.0	1260	0.2	9.3
10 OCTOBER	5733	42.9	0.9	1349	0.2	8.5
11 NOVEMBER	0		0.0			0.0
12 DECEMBER	0		0.0			0.0
TOTAL	**67540**			**11026**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2008

LAKE=PICKWICK

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE HAR R
01 JANUARY	517		0.39		186		0.14	
03 MARCH	8968		0.54		3155		0.19	
04 APRIL	13210	55.7	1.28	54.5	1754	53.3	0.17	5
05 MAY	4283		0.44		779		0.08	
06 JUNE	3452	43.3	0.55	18.7	565	45.9	0.09	2
07 JULY	6688	38.8	1.42	36.0	1554	19.7	0.33	1
08 AUGUST	1973	9.3	0.40	0.3	197	104.7	0.04	10
09 SEPTEMBER	3276		0.52		2016		0.32	
10 OCTOBER	2236		0.39		0		0.00	
TOTAL	**44603**				**10206**			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=PICKWICK

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVER WEI (LB
BLUE CATFISH	4153	17.7	9.3	4153	3878	14.7	38.0	3878	6.6	4.
CHANNEL CATFISH	2526	69.4	5.7	2526	1338	51.6	13.1	1338	47.0	2.
BLUEGILL	14625	43.2	32.8	14625	2353	24.7	23.1	2353	83.9	0.
SMALLMOUTH BASS	1359	159.1	3.1	1359	16	365.1	0.2	16	98.8	2.
SPOTTED BASS	2520	112.3	5.7	2520	186	0.0	1.8	186	92.6	1.
LARGEMOUTH BASS	16171	28.0	36.3	16171	1330	23.6	13.0	1330	91.8	2.
WHITE CRAPPIE	1198	202.8	2.7	1198	888	89.8	8.7	888	25.9	0.
SAUGER	529	254.5	1.2	212	219	71.8	2.1	219	58.6	1.

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2008

LAKE=PICKWICK

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	R H PE
ANY CATFISH	13582	21.7	2319	20.6	0.76	14.1	0.66	
ANY SUNFISH	3941	15.9	682	6.0	3.08		0.00	
ANY BLACK BASS	32931	19.5	5360	49.9	0.78	25.9	0.09	
LARGEMOUTH BASS	333	142.6	53	0.5	1.00		0.00	
ANY CRAPPIE	996	68.5	170	1.5	1.78		1.53	
ANY SPECIES	14156	27.6	2442	21.5	2.25	44.1	0.61	
TOTAL	**65939**		**11026**					

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2008

LAKE=PICKWICK

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	BLUE CATFISH	0.47	0.49
	CHANNEL CATFISH	0.29	0.17
ANY SUNFISH			
	ANY SUNFISH	0.00	0.00
	BLUEGILL	3.08	0.00
ANY BLACK BASS			
ANY BLACK BASS			
	SMALLMOUTH BASS	0.04	0.00
	SPOTTED BASS	0.08	0.01
	LARGEMOUTH BASS	0.49	0.04
ANY CRAPPIE			
	WHITE CRAPPIE	1.78	1.53

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOUR
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTI

LAKE=PICKWICK

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEW (NON-TOURNAM
01 JANUARY	0		0	0.86	2
03 MARCH	36	0.63	2	0.86	4
04 APRIL	18	0.50	2	1.04	6
05 MAY	0		0	0.67	5
06 JUNE	60	0.67	3	2.13	5
07 JULY	19	1.00	1	0.83	11
08 AUGUST	99	0.47	4	0.00	1
10 OCTOBER	0		0	0.61	3

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2008

LAKE=PICKWICK

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	22030	6660	24870	21
ANY SUNFISH	2280	0	390	2
ANY BLACK BASS	283160	67990	292530	48
LARGEMOUTH BASS	5260			1
ANY CRAPPIE	1050			1
ANY SPECIES	5980	3690	4890	8
TOTAL	**319760**	**78340**	**322680**	**81**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2008

LAKE=PICKWICK

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
MS	86	50.6
TN	80	47.1
OTHERS	4	2.4

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
CHESTER	4	5.0
HARDEMAN	7	8.8
HARDIN	18	22.5
LEWIS	6	7.5
McNAIRY	13	16.3
MADISON	6	7.5
SHELBY	7	8.8
WAYNE	5	6.3
OTHERS IN TN	10	12.5
OUT-OF-STATE	4	5.0

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	107	61.8
B) 26-100	55	31.8
C) 101-250	8	4.6
D) > 250	3	1.7

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	70	83.3
B) VACATION	6	7.1
C) BUSINESS	8	9.5

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	69	82.1
B) 2-5	14	16.7
C) 6-10	1	1.2

REELFOOT
RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2008

LAKE=REELFOOT

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
02 FEBRUARY	5992	52.2	0.6	1029	0.1	1.2
03 MARCH	100441	28.1	9.6	14172	1.4	19.3
04 APRIL	223253	16.2	21.4	28157	2.7	42.9
05 MAY	154382	15.3	14.8	18326	1.8	29.7
06 JUNE	17299	16.2	1.7	2368	0.2	3.3
07 JULY	4664	29.4	0.4	691	0.1	0.9
08 AUGUST	4489	41.8	0.4	721	0.1	0.9
09 SEPTEMBER	2477	37.7	0.2	400	0.0	0.5
10 OCTOBER	5623	36.0	0.5	801	0.1	1.1
11 NOVEMBER	1855	60.8	0.2	330	0.0	0.4
TOTAL	**520475**			**66995**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2008

LAKE=REELFOOT

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RS HA
02 FEBRUARY	8089	60.3	1.35	26.9	6651	60.9	1.11	
03 MARCH	108476	37.6	1.08	24.2	82362	40.1	0.82	
04 APRIL	593853	18.4	2.66	8.5	426413	17.8	1.91	
05 MAY	447708	16.4	2.90	5.8	304133	16.5	1.97	
06 JUNE	39788	29.5	2.30	24.3	23008	30.8	1.33	
07 JULY	8535	50.7	1.83	39.6	4198	76.1	0.90	
08 AUGUST	2649	53.6	0.59	31.1	898	68.6	0.20	
09 SEPTEMBER	1734	54.0	0.70	36.2	446	55.4	0.18	
10 OCTOBER	20187	38.6	3.59	13.1	12314	40.6	2.19	
11 NOVEMBER	1874	62.9	1.01	13.9	686	73.5	0.37	
TOTAL	**1232893**				**861109**			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=REELFOOT

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVE WE (I
SHORTNOSE GAR	41	1863.0	0.0	0	41	1863.0	0.0	0	0.0	2
BOWFIN	133	1038.6	0.0	67	0	.	0.0	0	100.0	
CHANNEL CATFISH	26233	52.1	2.1	6843	22102	59.1	2.6	5440	15.7	2
YELLOW BASS	43221	38.3	3.5	474	26792	54.2	3.1	246	38.0	0
WARMOUTH	3390	196.2	0.3	3390	808	707.7	0.1	808	76.2	0
BLUEGILL	358231	13.9	29.0	353856	284475	16.7	33.0	281470	20.6	0
LONGEAR SUNFISH	106	3757.8	0.0	106	0	.	0.0	0	100.0	
LARGEMOUTH BASS	35083	37.0	2.8	34886	774	253.4	0.1	774	97.8	3
WHITE CRAPPIE	752110	11.0	60.9	733718	523926	14.5	60.8	510124	30.3	0
BLACK CRAPPIE	1462	821.5	0.1	1329	1462	821.5	0.2	1329	0.0	0
FRESHWATER DRUM	14360	83.3	1.2	0	728	470.5	0.1	0	94.9	2

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2008

LAKE=REELFOOT

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RS HA PER
ANY CATFISH	6759	26.6	872	1.3	0.55	34.1	0.49	
ANY SUNFISH	121760	13.5	14779	23.4	2.50	5.9	2.05	
ANY BLACK BASS	42972	14.1	5526	8.3	0.73	13.2	0.02	
ANY CRAPPIE	339830	12.6	44615	65.3	1.91	7.8	1.36	
ANY SPECIES	9154	23.8	1203	1.8	0.62	120.3	0.54	1
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TOTAL	**520475**		**66995**					

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2008

LAKE=REELFOOT

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	CHANNEL CATFISH	0.55	0.49
ANY SUNFISH			
	WARMOUTH	0.02	0.01
	BLUEGILL	2.48	2.04
	LONGEAR SUNFISH	0.00	0.00
ANY BLACK BASS			
	LARGEMOUTH BASS	0.81	0.02
ANY CRAPPIE			
	WHITE CRAPPIE	1.91	1.36
	BLACK CRAPPIE	0.00	0.00

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOUR
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTI

LAKE=REELFOOT

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVI (NON-TOURN
03 MARCH	0		0	0.45	13
04 APRIL	0		0	1.01	17
05 MAY	0		0	0.72	52
06 JUNE	0		0	0.65	16
07 JULY	0		0	0.86	22
08 AUGUST	0		0	0.58	8
09 SEPTEMBER	0		0	0.40	3

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2008

LAKE=REELFOOT

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	28790	6710	35500	19
ANY SUNFISH	730520	181250	911770	249
ANY BLACK BASS	121380	47090	168470	131
ANY CRAPPIE	1687950	410150	2098100	557
ANY SPECIES	67840	16460	84300	22
TOTAL	**2636480**	**661660**	**3298140**	**978**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2008

LAKE=REELFOOT

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
IL	379	20.6
IN	154	8.4
KY	122	6.6
MO	208	11.3
OH	190	10.3
TN	674	36.7
OTHERS	112	6.1

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
CROCKETT	48	7.1
DYER	116	17.2
LAKE	67	9.9
OBION	316	46.9
OTHERS IN TN	125	18.5
OUT-OF-STATE	2	0.3

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	383	20.8
B) 26-100	442	24.0
C) 101-250	262	14.2
D) > 250	752	40.9

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	983	100

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	523	53.2
B) 2-5	361	36.7
C) 6-10	94	9.6
D) 11-15	3	0.3
F) >20	2	0.2

TWRA

REGION II

TIMS FORD
RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2008

LAKE=TIMS FORD

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	2426	50.7	0.2	462	0.0	4.3
02 FEBRUARY	2142	15.8	0.2	491	0.0	3.8
03 MARCH	5010	33.8	0.5	885	0.1	8.9
04 APRIL	6784	22.1	0.6	1147	0.1	12.0
05 MAY	5794	17.4	0.5	1064	0.1	10.3
06 JUNE	5392	27.0	0.5	1322	0.1	9.6
07 JULY	10175	36.1	1.0	2327	0.2	18.0
08 AUGUST	3422	36.7	0.3	709	0.1	6.1
09 SEPTEMBER	6074	26.7	0.6	1241	0.1	10.8
10 OCTOBER	4910	19.8	0.5	1019	0.1	8.7
11 NOVEMBER	2879	21.3	0.3	650	0.1	5.1
12 DECEMBER	1399	61.7	0.1	325	0.0	2.5
TOTAL	**56407**			**11642**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2008

LAKE=TIMS FORD

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE HAR R
01 JANUARY	2377	86.1	0.98	62.2	146	65.3	0.06	3
02 FEBRUARY	1821	43.9	0.85	40.5	129	79.5	0.06	7
03 MARCH	3908	37.6	0.78	15.5	1353	36.3	0.27	1
04 APRIL	3121	36.9	0.46	28.6	339	71.1	0.05	6
05 MAY	6779	81.8	1.17	79.0	1506	85.0	0.26	8
06 JUNE	2696	66.9	0.50	59.3	377	72.4	0.07	6
07 JULY	5393	43.3	0.53	22.5	2442	70.2	0.24	5
08 AUGUST	1266	45.8	0.37	25.6	376	55.1	0.11	4
09 SEPTEMBER	2733	35.4	0.45	22.7	1093	46.1	0.18	3
10 OCTOBER	1915	39.9	0.39	33.9	589	52.4	0.12	4
11 NOVEMBER	2994	39.0	1.04	32.0	921	74.8	0.32	7
12 DECEMBER	783	120.7	0.56	88.1	182	113.3	0.13	7
TOTAL	**35786**				**9453**			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=TIMS FORD

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AV W
ANY GAR	62	580.5	0.2	0	0		0.0	0	100.0	
CARP	37	837.0	0.1	0	0		0.0	0	100.0	
BLUE CATFISH	42	575.5	0.1	0	42	575.5	0.4	0	0.0	
CHANNEL CATFISH	1764	61.6	4.9	1283	1244	70.8	13.2	1175	29.5	
FLATHEAD CATFISH	34	571.8	0.1	34	0		0.0	0	100.0	
WHITE BASS	755	156.6	2.1	240	209	229.2	2.2	42	72.3	
STRIPED BASS	747	118.4	2.1	575	393	131.0	4.2	360	47.4	
CHEROKEE BASS	1024	100.2	2.9	341	726	113.2	7.7	311	29.1	
BLUEGILL	3475	63.5	9.7	3273	615	115.7	6.5	564	82.3	
SMALLMOUTH BASS	7933	31.3	22.2	7675	476	52.0	5.0	413	94.0	
SPOTTED BASS	2102	57.2	5.9	1972	73	124.5	0.8	58	96.5	
LARGEMOUTH BASS	5306	35.3	14.8	5163	699	71.2	7.4	699	86.8	
WHITE CRAPPIE	482	152.4	1.3	482	401	132.5	4.2	401	16.8	
BLACK CRAPPIE	1324	77.0	3.7	1245	1196	79.3	12.7	1196	9.7	
BLACKNOSE CRAPPIE	3013	40.7	8.4	2926	2760	42.8	29.2	2699	8.4	
WALLEYE	95	234.9	0.3	63	95	234.9	1.0	63	0.0	
FRESHWATER DRUM	220	432.4	0.6	37	0		0.0	0	100.0	

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2008

LAKE=TIMS FORD

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	R H PE
ANY CATFISH	521	73.1	111	0.9	0.29		0.00	
WHITE BASS	251	69.7	50	0.4	0.46	0.0	0.00	
STRIPED BASS	5962	24.2	1280	10.6	0.10	55.5	0.06	
CHEROKEE BASS	789	44.0	158	1.4	0.36	44.1	0.30	
ANY SUNFISH	1942	38.3	440	3.4	0.49	42.6	0.00	
ANY BLACK BASS	26982	10.3	5477	47.8	0.38	24.7	0.03	
SMALLMOUTH BASS	214	76.4	41	0.4	0.47		0.00	
LARGEMOUTH BASS	97	113.8	20	0.2	0.00		0.00	
ANY CRAPPIE	7867	14.6	1614	13.9	0.94	59.9	0.49	
WALLEYE	2787	28.5	606	4.9	0.01	86.2	0.01	
ANY SPECIES	8995	19.0	1846	15.9	0.78	40.6	0.23	
TOTAL	**56407**		**11643**					

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2008

LAKE=TIMS FORD

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	BLUE CATFISH	0.00	0.00
	CHANNEL CATFISH	0.28	0.00
	FLATHEAD CATFISH	0.01	0.00
ANY SUNFISH			
	ANY SUNFISH	0.00	0.00
	BLUEGILL	0.49	0.00
ANY BLACK BASS			
ANY BLACK BASS			
ANY BLACK BASS			
	SMALLMOUTH BASS	0.28	0.02
	SPOTTED BASS	0.07	0.00
	LARGEMOUTH BASS	0.19	0.03
ANY CRAPPIE			
	ANY CRAPPIE	0.00	0.00
	WHITE CRAPPIE	0.10	0.05
	BLACK CRAPPIE	0.25	0.14
	BLACKNOSE CRAPPIE	0.59	0.31

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOUR
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTI

LAKE=TIMS FORD

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVI (NON-TOURN
01 JANUARY	29	0.36	5	0.49	13
02 FEBRUARY	0		0	0.18	15
03 MARCH	0		0	0.57	34
04 APRIL	33	0.19	11	0.56	32
05 MAY	48	0.29	6	0.40	19
06 JUNE	0		0	0.25	17
07 JULY	0		0	0.29	11
08 AUGUST	0		0	0.44	11
09 SEPTEMBER	0		0	0.38	18
10 OCTOBER	0		0	0.25	19
11 NOVEMBER	42	0.47	6	0.56	20
12 DECEMBER	0		0	0.37	6

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2008

LAKE=TIMS FORD

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
WHITE BASS	1000	1000	2000	1
STRIPED BASS	24090	11620	35710	3
ANY BLACK BASS	79520	89950	169470	15
ANY CRAPPIE	18850	21680	40530	10
WALLEYE	670	330	1000	1
ANY SPECIES	17980	22350	40320	4
TOTAL	**142110**	**146930**	**289030**	**34**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2008

LAKE=TIMS FORD

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
IN	6	5.8
TN	94	90.4
OTHERS	4	3.8

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
BEDFORD	15	17.4
COFFEE	5	5.8
FRANKLIN	50	58.1
MARSHALL	5	5.8
OTHERS IN TN	11	12.8

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	72	76.6
B) 26-100	17	18.1
C) 101-250	5	5.3

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	43	91.5
B) VACATION	2	4.3
D) OTHER	2	4.3

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	37	90.2
B) 2-5	4	9.8

NORMANDY
RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2008

LAKE=NORMANDY

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	247	53.0	0.1	55	0.0	0.7
02 FEBRUARY	1735	22.8	0.6	392	0.1	4.9
03 MARCH	2173	40.9	0.7	454	0.1	6.1
04 APRIL	3712	52.0	1.2	632	0.2	10.5
05 MAY	3601	44.3	1.2	858	0.3	10.2
06 JUNE	4644	21.8	1.5	1086	0.4	13.1
07 JULY	5995	22.4	2.0	1154	0.4	16.9
08 AUGUST	3413	32.4	1.1	675	0.2	9.6
09 SEPTEMBER	1373	45.3	0.5	308	0.1	3.9
10 OCTOBER	5207	31.7	1.7	976	0.3	14.7
11 NOVEMBER	2249	48.7	0.7	479	0.2	6.4
12 DECEMBER	1038	46.7	0.3	191	0.1	2.9
TOTAL	**35387**			**7260**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2008

LAKE=NORMANDY

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE HAR R
01 JANUARY	519	72.8	2.10	44.3	331	99.7	1.34	7
02 FEBRUARY	364	42.1	0.21	34.4	156	22.8	0.09	
03 MARCH	630	46.8	0.29	21.3	87	69.1	0.04	4
04 APRIL	2153	66.1	0.58	36.1	1448	82.5	0.39	5
05 MAY	2701	49.9	0.75	21.1	684	53.5	0.19	2
06 JUNE	2879	28.7	0.62	18.2	1440	49.9	0.31	4
07 JULY	2998	29.7	0.50	18.8	480	44.4	0.08	3
08 AUGUST	1297	41.8	0.38	24.8	580	54.2	0.17	4
09 SEPTEMBER	1098	62.0	0.80	38.7	302	67.5	0.22	4
10 OCTOBER	2812	49.5	0.54	36.5	833	65.8	0.16	5
11 NOVEMBER	2339	51.2	1.04	14.5	405	63.6	0.18	3
12 DECEMBER	529	52.8	0.51	22.2	218	98.0	0.21	7
TOTAL	**20319**				**6964**			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=NORMANDY

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AV W
CARP	7	966.8	0.0	0	0		0.0	0	100.0	
ANY CARPSUCKER	27	867.9	0.1	14	0		0.0	0	100.0	
YELLOW BULLHEAD	24	482.4	0.1	24	24	482.4	0.3	24	0.0	
BLUE CATFISH	70	411.0	0.3	40	70	411.0	1.0	40	0.0	
CHANNEL CATFISH	640	88.3	3.2	516	412	89.3	5.9	356	35.6	
FLATHEAD CATFISH	188	146.3	0.9	171	179	150.7	2.6	162	4.8	
ROCK BASS	46	677.2	0.2	31	39	779.6	0.6	39	15.2	
WARMOUTH	31	548.4	0.2	16	19	805.5	0.3	0	38.7	
BLUEGILL	368	163.8	1.8	156	8	513.1	0.1	0	97.8	
SMALLMOUTH BASS	595	121.3	2.9	583	67	226.6	1.0	60	88.7	
SPOTTED BASS	5076	20.4	25.1	4843	1699	32.8	24.4	1668	66.5	
LARGEMOUTH BASS	3109	24.3	15.3	3063	578	41.2	8.3	562	81.4	
WHITE CRAPPIE	597	97.8	2.9	597	549	100.3	7.9	549	8.0	
BLACK CRAPPIE	574	89.3	2.8	515	542	92.7	7.8	482	5.6	
BLACKNOSE CRAPPIE	3528	32.0	17.4	3333	2776	33.9	39.9	2645	21.3	
YELLOW PERCH	53	420.4	0.3	40	0		0.0	0	100.0	
WALLEYE	37	721.7	0.2	25	0		0.0	0	100.0	

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2008

LAKE=NORMANDY

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	R H PE
ANY CATFISH	2332	25.8	463	6.6	0.32	39.1	0.24	
ANY SUNFISH	217	80.3	42	0.6	1.67		0.00	
ANY BLACK BASS	18176	11.9	3781	51.4	0.52	27.4	0.18	
LARGEMOUTH BASS	177	64.0	35	0.5	0.28	20.9	0.00	
ANY CRAPPIE	11329	17.4	2293	32.0	0.67	46.6	0.29	
WALLEYE	117	82.3	25	0.3	0.13	127.1	0.00	
ANY SPECIES	3036	23.9	620	8.6	0.31	71.4	0.01	
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TOTAL	**35384**		**7259**					

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2008

LAKE=NORMANDY

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	YELLOW BULLHEAD	0.01	0.01
	ANY CATFISH	0.00	0.00
	BLUE CATFISH	0.02	0.02
	CHANNEL CATFISH	0.22	0.15
	FLATHEAD CATFISH	0.07	0.07
ANY SUNFISH			
	ANY SUNFISH	0.00	0.00
	WARMOUTH	0.16	0.00
	BLUEGILL	1.51	0.00
ANY BLACK BASS			
ANY BLACK BASS			
	ANY BLACK BASS	0.00	0.00
	SMALLMOUTH BASS	0.03	0.00
	SPOTTED BASS	0.26	0.09
	LARGEMOUTH BASS	0.17	0.03
ANY CRAPPIE			
	ANY CRAPPIE	0.00	0.00
	WHITE CRAPPIE	0.09	0.04
	BLACK CRAPPIE	0.08	0.04
	BLACKNOSE CRAPPIE	0.50	0.21

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOUR
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTI

LAKE=NORMANDY

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVI (NON-TOURN
01 JANUARY	0		0	3.75	1
02 FEBRUARY	0		0	0.32	5
03 MARCH	24	0.64	10	0.32	20
04 APRIL	0		0	0.19	12
05 MAY	0		0	0.58	18
06 JUNE	23	1.40	9	0.50	27
07 JULY	18	0.80	7	0.45	23
08 AUGUST	34	0.58	11	0.59	22
09 SEPTEMBER	25	0.04	3	0.44	10
10 OCTOBER	0		0	0.27	9
11 NOVEMBER	0		0	0.64	9
12 DECEMBER	0		0	0.28	16

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2008

LAKE=NORMANDY

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY BLACK BASS	26300	23920	50220	10
ANY CRAPPIE	16680	15210	31880	7
ANY SPECIES	1350	1670	3020	2
TOTAL	**44330**	**40800**	**85120**	**19**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2008

LAKE=NORMANDY

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	42	100

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
BEDFORD	18	43.9
COFFEE	6	14.6
FRANKLIN	8	19.5
OTHERS IN TN	9	22.0

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	25	59.5
B) 26-100	17	40.5

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	24	100

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	23	100

J. PERCY PRIEST RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2008

LAKE=PERCY PRIEST

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	26388	21.3	1.9	5824	0.4	3.4
02 FEBRUARY	37500	7.4	2.6	7868	0.6	4.8
03 MARCH	92702	8.4	6.5	22260	1.6	11.8
04 APRIL	103454	13.4	7.3	22183	1.6	13.2
05 MAY	105559	14.0	7.4	22786	1.6	13.5
06 JUNE	103427	6.4	7.3	23563	1.7	13.2
07 JULY	105938	27.5	7.5	24386	1.7	13.5
08 AUGUST	61150	28.3	4.3	12963	0.9	7.8
09 SEPTEMBER	54956	7.1	3.9	11854	0.8	7.0
10 OCTOBER	40577	13.8	2.9	9191	0.6	5.2
11 NOVEMBER	38943	9.7	2.7	8613	0.6	5.0
12 DECEMBER	13102	39.3	0.9	3011	0.2	1.7
TOTAL	**783696**			**174502**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2008

LAKE=PERCY PRIEST

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RS HA
01 JANUARY	34041	23.4	1.29	9.3	11083	25.4	0.42	
02 FEBRUARY	29625	26.8	0.79	25.8	12000	45.3	0.32	
03 MARCH	162229	34.2	1.75	33.1	51913	28.4	0.56	
04 APRIL	136559	16.4	1.32	9.4	36209	20.3	0.35	
05 MAY	118226	19.0	1.12	12.8	25334	20.0	0.24	
06 JUNE	112735	17.8	1.09	16.6	26891	21.1	0.26	
07 JULY	126066	34.4	1.19	20.0	45553	39.2	0.43	
08 AUGUST	88056	36.6	1.44	22.3	25072	49.3	0.41	
09 SEPTEMBER	91227	18.1	1.66	16.5	26379	30.2	0.48	
10 OCTOBER	60460	19.2	1.49	13.2	15419	21.9	0.38	
11 NOVEMBER	53741	21.4	1.38	18.9	12851	23.2	0.33	
12 DECEMBER	22929	60.4	1.75	42.8	4193	48.0	0.32	
TOTAL	**1035894**				**292897**			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=PERCY PRIEST

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED
SKIPJACK HERRING	1526	513.1	0.1	0	66	1428.1	0.0	0	95.7
CARP	1198	582.9	0.1	737	169	678.2	0.1	169	85.9
BLUE CATFISH	466	998.4	0.0	280	239	1256.7	0.1	239	48.7
CHANNEL CATFISH	27809	35.7	2.7	19294	17533	41.6	6.0	14260	37.0
FLATHEAD CATFISH	2474	269.7	0.2	1237	2093	261.4	0.7	1196	15.4
RAINBOW TROUT	70	3861.8	0.0	0	0		0.0	0	100.0
WHITE BASS	58108	25.3	5.6	31022	14027	39.8	4.8	9287	75.9
YELLOW BASS	99402	20.2	9.6	50608	29930	27.3	10.2	17103	69.9
STRIPED BASS	6917	155.1	0.7	4249	2510	178.6	0.9	1778	63.7
CHEROKEE BASS	31849	43.1	3.1	15582	9750	63.5	3.3	5766	69.4
GREEN SUNFISH	24851	73.7	2.4	19714	14293	72.4	4.9	11101	42.5
WARMOUTH	449	954.9	0.0	180	348	968.9	0.1	174	22.5
BLUEGILL	117302	17.7	11.3	80560	35690	23.1	12.2	31325	69.6
LONGEAR SUNFISH	9091	130.5	0.9	7556	4241	159.0	1.4	3484	53.3
REDEAR SUNFISH	227	1575.5	0.0	0	101	1259.6	0.0	0	55.5
SMALLMOUTH BASS	17372	86.7	1.7	3647	2333	112.7	0.8	350	86.6
SPOTTED BASS	34739	48.4	3.4	4749	3746	71.4	1.3	672	89.2
LARGEMOUTH BASS	276652	9.5	26.7	238325	19158	17.6	6.5	17974	93.1
WHITE CRAPPIE	202072	11.6	19.5	191736	76113	14.9	26.0	73398	62.3
BLACK CRAPPIE	118132	17.0	11.4	114816	59998	19.8	20.5	58191	49.2
BLACKNOSE CRAPPIE	921	957.0	0.1	921	155	1841.2	0.1	155	83.2
SAUGER	126	2652.8	0.0	126	0		0.0	0	100.0
FRESHWATER DRUM	5001	201.9	0.5	727	336	525.9	0.1	224	93.3

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2008

LAKE=PERCY PRIEST

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	R H PE
ANY CATFISH	48914	11.4	10870	6.2	0.33	54.1	0.24	
WHITE BASS	13845	17.8	3089	1.8	0.56	110.8	0.20	
STRIPED BASS	26829	14.0	5957	3.4	0.07	93.0	0.02	
CHEROKEE BASS	25669	12.8	5667	3.3	0.52	57.5	0.14	
ANY SUNFISH	23340	18.2	5275	3.0	2.31	42.7	1.00	
ANY BLACK BASS	1181	73.9	272	0.2	0.00		0.00	
SMALLMOUTH BASS	2570	45.6	587	0.3	0.35	75.8	0.00	
SPOTTED BASS	622	63.1	140	0.1	1.51	7.8	0.00	
LARGEMOUTH BASS	266450	6.4	59068	34.0	0.63	18.8	0.04	
ANY CRAPPIE	174730	6.4	39100	22.3	1.28	20.2	0.52	
ANY SPECIES	199542	7.0	44475	25.5	1.06	24.8	0.39	
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TOTAL	**783692**		**174500**					

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2008

LAKE=PERCY PRIEST

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	BLUE CATFISH	0.00	0.00
	CHANNEL CATFISH	0.31	0.22
	FLATHEAD CATFISH	0.02	0.02
ANY SUNFISH			
	GREEN SUNFISH	0.42	0.24
	WARMOUTH	0.00	0.00
	BLUEGILL	1.72	0.68
	LONGEAR SUNFISH	0.16	0.08
	REDEAR SUNFISH	0.00	0.00
ANY BLACK BASS			
ANY BLACK BASS			
ANY BLACK BASS			
ANY BLACK BASS			
	SMALLMOUTH BASS	0.01	0.00
	SPOTTED BASS	0.02	0.00
	LARGEMOUTH BASS	0.88	0.07
	LARGEMOUTH BASS	0.88	0.07
ANY CRAPPIE			
	ANY CRAPPIE	0.00	0.00
	WHITE CRAPPIE	0.80	0.29
	BLACK CRAPPIE	0.48	0.23
	BLACKNOSE CRAPPIE	0.00	0.00

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOUR
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTI

LAKE=PERCY PRIEST

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVI (NON-TOURN
01 JANUARY	64	0.64	8	0.95	29
02 FEBRUARY	52	0.37	20	0.20	23
03 MARCH	29	0.07	4	0.58	26
04 APRIL	43	0.89	26	0.78	81
05 MAY	20	0.65	14	0.89	114
06 JUNE	39	0.80	32	0.75	68
07 JULY	5	0.35	7	0.46	60
08 AUGUST	17	0.47	14	0.55	110
09 SEPTEMBER	12	0.45	9	0.67	74
10 OCTOBER	0		0	0.45	31
11 NOVEMBER	53	0.51	16	0.27	37
12 DECEMBER	0		0	0.47	16

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2008

LAKE=PERCY PRIEST

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	134740	67110	201860	49
WHITE BASS	42310	21670	63980	16
STRIPED BASS	86640	30160	116790	32
CHEROKEE BASS	124720	63830	188550	17
ANY SUNFISH	53850	34690	88550	23
ANY BLACK BASS	4700	4700	9390	1
SMALLMOUTH BASS	7200	9400	16610	7
LARGEMOUTH BASS	1371980	284950	1656930	146
ANY CRAPPIE	348550	171600	520150	83
ANY SPECIES	469610	136810	606420	64
TOTAL	**2644300**	**824920**	**3469230**	**438**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2008

LAKE=PERCY PRIEST

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	851	97.9
OTHERS	18	2.1

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
DAVIDSON	204	24.1
RUTHERFORD	442	52.2
WILLIAMSON	45	5.3
WILSON	79	9.3
OTHERS IN TN	71	8.4
OUT-OF-STATE	5	0.6

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	675	78.8
B) 26-100	158	18.4
C) 101-250	5	0.6
D) > 250	19	2.2

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	442	99.5
B) VACATION	1	0.2
C) BUSINESS	1	0.2

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	433	98.2
B) 2-5	5	1.1
C) 6-10	1	0.2
D) 11-15	1	0.2
E) 16-20	1	0.2

OLD HICKORY RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2008

LAKE=OLD HICKORY

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	27655	29.3	1.2	6291	0.3	2.8
02 FEBRUARY	25915	63.2	1.2	5299	0.2	2.7
03 MARCH	44928	23.5	2.0	9753	0.4	4.6
04 APRIL	124094	31.5	5.5	26627	1.2	12.8
05 MAY	165656	15.7	7.4	31046	1.4	17.1
06 JUNE	149338	21.2	6.6	28870	1.3	15.4
07 JULY	158740	15.1	7.1	39351	1.7	16.4
08 AUGUST	97285	9.7	4.3	22252	1.0	10.0
09 SEPTEMBER	75821	6.6	3.4	18472	0.8	7.8
10 OCTOBER	56625	22.3	2.5	12301	0.5	5.8
11 NOVEMBER	20724	43.8	0.9	3858	0.2	2.1
12 DECEMBER	23728	36.7	1.1	4389	0.2	2.4
TOTAL	**970509**			**208509**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2008

LAKE=OLD HICKORY

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RS HA
01 JANUARY	41759	37.9	1.51	23.1	12721	40.9	0.46	
02 FEBRUARY	20473	102.2	0.79	68.1	14512	105.4	0.56	
03 MARCH	47624	36.7	1.06	27.5	10333	38.7	0.23	
04 APRIL	265561	32.9	2.14	9.1	57083	33.1	0.46	
05 MAY	417453	17.9	2.52	8.5	44727	26.2	0.27	
06 JUNE	228487	24.2	1.53	11.4	16427	26.3	0.11	
07 JULY	220649	27.0	1.39	22.1	41272	40.1	0.26	
08 AUGUST	122579	21.8	1.26	19.4	16538	28.6	0.17	
09 SEPTEMBER	98567	20.1	1.30	19.0	14406	25.5	0.19	
10 OCTOBER	84371	32.6	1.49	23.3	9060	47.4	0.16	
11 NOVEMBER	23004	55.0	1.11	30.7	7046	46.7	0.34	
12 DECEMBER	27287	41.7	1.15	18.6	10678	48.2	0.45	
TOTAL	**1597814**				**254803**			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=OLD HICKORY

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED
CARP	983	1086.4	0.1	0	0		0.0	0	100.0
ANY BUFFALO	2613	644.2	0.2	0	207	1213.4	0.1	0	92.1
ANY BULLHEAD	241	1617.5	0.0	241	241	1617.5	0.1	241	0.0
BLUE CATFISH	3073	254.2	0.2	2806	1849	348.0	0.7	1681	39.8
CHANNEL CATFISH	32070	49.9	2.0	23610	23667	46.1	9.3	20106	26.2
FLATHEAD CATFISH	1201	324.2	0.1	764	906	281.8	0.4	566	24.6
RAINBOW TROUT	111	3155.7	0.0	0	0		0.0	0	100.0
BROWN TROUT	111	3155.7	0.0	0	0		0.0	0	100.0
WHITE BASS	87624	34.3	5.5	44200	30713	33.1	12.1	21608	64.9
YELLOW BASS	101769	47.8	6.4	21446	10141	60.8	4.0	3877	90.0
STRIPED BASS	17943	133.4	1.1	14076	8747	84.6	3.4	6517	51.3
CHEROKEE BASS	690	931.1	0.0	99	343	388.0	0.1	0	50.3
GREEN SUNFISH	17179	148.3	1.1	16008	11201	97.3	4.4	10124	34.8
WARMOUTH	11992	204.3	0.8	2692	2377	211.6	0.9	1297	80.2
BLUEGILL	316187	16.4	19.8	210423	47316	23.1	18.6	36061	85.0
LONGEAR SUNFISH	9289	441.8	0.6	9062	3702	157.2	1.5	3702	60.1
REDEAR SUNFISH	12758	404.1	0.8	10935	3170	133.4	1.2	2642	75.2
SMALLMOUTH BASS	12812	209.5	0.8	1363	0		0.0	0	100.0
SPOTTED BASS	16016	166.4	1.0	4368	1490	276.0	0.6	0	90.7
LARGEMOUTH BASS	697614	10.8	43.7	659016	32926	19.2	12.9	31687	95.3
WHITE CRAPPIE	130723	25.9	8.2	111572	49872	27.1	19.6	43949	61.8
BLACK CRAPPIE	22395	108.7	1.4	20423	11031	72.8	4.3	9975	50.7
BLACKNOSE CRAPPIE	1118	438.9	0.1	1118	1118	438.9	0.4	1118	0.0
SAUGER	59955	89.0	3.8	47007	9909	83.4	3.9	7755	83.5
WALLEYE	16626	250.7	1.0	3658	1417	279.4	0.6	354	91.5
FRESHWATER DRUM	23767	94.1	1.5	3436	2342	190.5	0.9	1561	90.1

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2008

LAKE=OLD HICKORY

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	R H PE
ANY CATFISH	69273	13.3	15380	7.1	0.37	29.9	0.32	
BROWN TROUT	742	139.6	184	0.1	0.00		0.00	
WHITE BASS	34966	18.6	7396	3.6	1.21	29.0	0.72	
STRIPED BASS	54870	13.9	11887	5.7	0.18	47.9	0.09	
CHEROKEE BASS	1167	83.8	226	0.1	0.00		0.00	
ANY SUNFISH	40453	17.3	8606	4.2	3.91	51.8	0.50	
SMALLMOUTH BASS	2371	79.6	443	0.2	0.00		0.00	
LARGEMOUTH BASS	431904	8.1	92943	44.5	1.16	14.1	0.06	
ANY CRAPPIE	105202	17.4	21781	10.8	1.30	22.2	0.61	
SAUGER	32664	19.9	6925	3.4	0.80	27.9	0.13	
WALLEYE	6304	39.3	1371	0.6	0.42	31.3	0.10	
SAUGEYE	1882	96.2	353	0.2	0.00		0.00	
ANY SPECIES	188461	9.1	40954	19.4	1.18	29.2	0.39	
OTHER	251	140.3	57	0.0	0.00		0.00	
TOTAL	**970510**		**208506**					

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2008

LAKE=OLD HICKORY

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	ANY BULLHEAD	0.00	0.00
	BLUE CATFISH	0.04	0.02
	CHANNEL CATFISH	0.32	0.28
	FLATHEAD CATFISH	0.01	0.01
ANY SUNFISH			
	ANY SUNFISH	0.00	0.00
	GREEN SUNFISH	0.25	0.09
	WARMOUTH	0.04	0.01
	BLUEGILL	3.30	0.33
	LONGEAR SUNFISH	0.14	0.03
	REDEAR SUNFISH	0.17	0.02
ANY BLACK BASS			
ANY BLACK BASS			
	ANY BLACK BASS	0.00	0.00
	SMALLMOUTH BASS	0.00	0.00
	SPOTTED BASS	0.01	0.00
	LARGEMOUTH BASS	1.52	0.07
ANY CRAPPIE			
	WHITE CRAPPIE	1.09	0.49
	BLACK CRAPPIE	0.20	0.11
	BLACKNOSE CRAPPIE	0.01	0.01

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOUR
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTI

LAKE=OLD HICKORY

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVI (NON-TOURN
01 JANUARY	0		0	0.33	3
02 FEBRUARY	90	0.72	12	0.27	5
03 MARCH	0		0	0.67	35
04 APRIL	37	1.40	11	1.62	32
05 MAY	38	1.52	12	1.29	33
06 JUNE	7	0.89	7	1.22	135
07 JULY	1	2.00	1	1.11	61
08 AUGUST	12	1.12	10	1.11	98
09 SEPTEMBER	11	1.06	5	0.85	87
10 OCTOBER	45	0.96	14	0.94	55
11 NOVEMBER	0		0	0.94	3
12 DECEMBER	0		0	0.64	5

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2008

LAKE=OLD HICKORY

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	187110	93330	280440	46
BROWN TROUT	9190	0	9190	1
WHITE BASS	111900	34860	146750	17
STRIPED BASS	323530	176410	499940	26
ANY SUNFISH	115900	44840	160740	22
SMALLMOUTH BASS	880	5290	6170	1
LARGEMOUTH BASS	1945350	645490	2590840	121
ANY CRAPPIE	367510	41230	408740	39
SAUGER	117340	29830	144530	21
WALLEYE	10410	12730	23140	6
ANY SPECIES	233560	274780	508340	28
TOTAL	**3422680**	**1358790**	**4778820**	**328**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2008

LAKE=OLD HICKORY

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	570	93.6
OTHERS	39	6.4

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
DAVIDSON	62	10.7
SMITH	30	5.2
SUMNER	119	20.6
WILSON	234	40.6
OTHERS IN TN	125	21.7
OUT-OF-STATE	7	1.2

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	453	74.6
B) 26-100	110	18.1
C) 101-250	10	1.6
D) > 250	34	5.6

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	330	99.7
D) OTHER	1	0.3

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	311	94.2
B) 2-5	8	2.4
C) 6-10	7	2.1
D) 11-15	4	1.2

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REGION III

CENTER HILL
RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2008

LAKE=CENTER HILL

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	20730	45.4	1.1	4085	0.2	6.4
02 FEBRUARY	12100	23.7	0.7	2344	0.1	3.8
03 MARCH	73720	46.8	4.0	12947	0.7	22.9
04 APRIL	58222	28.7	3.2	8781	0.5	18.1
05 MAY	30969	28.6	1.7	5427	0.3	9.6
06 JUNE	24530	25.1	1.3	4560	0.3	7.6
07 JULY	22264	25.0	1.2	4800	0.3	6.9
08 AUGUST	10330	20.8	0.6	2219	0.1	3.2
09 SEPTEMBER	18405	10.6	1.0	3458	0.2	5.7
10 OCTOBER	23796	3.4	1.3	4953	0.3	7.4
11 NOVEMBER	22342	20.4	1.2	3726	0.2	6.9
12 DECEMBER	5001	19.3	0.3	1067	0.1	1.6
TOTAL	**322409**			**58367**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2008

LAKE=CENTER HILL

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE HAR R
01 JANUARY	5390	73.7	0.26	53.6	2488	72.5	0.12	5
02 FEBRUARY	968	40.6	0.08	31.0	605	33.4	0.05	2
03 MARCH	36123	48.8	0.49	12.6	14007	59.2	0.19	3
04 APRIL	35515	37.5	0.61	23.2	12227	43.7	0.21	3
05 MAY	16723	43.7	0.54	31.8	5574	46.1	0.18	3
06 JUNE	10793	35.4	0.44	24.3	5642	35.2	0.23	2
07 JULY	12023	30.8	0.54	17.7	4675	50.7	0.21	4
08 AUGUST	7748	45.1	0.75	39.3	2479	56.9	0.24	5
09 SEPTEMBER	16196	23.5	0.88	20.8	3865	23.8	0.21	2
10 OCTOBER	22606	16.7	0.95	16.3	9756	21.7	0.41	2
11 NOVEMBER	12735	25.1	0.57	14.3	1787	44.3	0.08	3
12 DECEMBER	3801	37.6	0.76	31.8	1550	45.3	0.31	4
TOTAL	**180621**				**64655**			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=CENTER HILL

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AV W
CHANNEL CATFISH	2866	80.6	1.6	1131	2162	86.3	3.3	1013	24.6	
FLATHEAD CATFISH	1060	202.3	0.6	1060	1060	202.3	1.6	1060	0.0	
BLUEGILL	17464	42.7	9.7	15292	10313	48.2	16.0	8874	40.9	
REDEAR SUNFISH	361	472.9	0.2	0	0	.	0.0	0	100.0	
SMALLMOUTH BASS	10065	53.8	5.6	9070	1860	96.9	2.9	1581	81.5	
SPOTTED BASS	85874	15.2	47.7	79974	29491	22.4	45.6	26810	65.7	
LARGEMOUTH BASS	18907	38.8	10.5	17787	4929	52.7	7.6	4929	73.9	
WHITE CRAPPIE	2278	186.8	1.3	2115	1399	235.1	2.2	1224	38.6	
BLACK CRAPPIE	340	703.4	0.2	340	340	703.4	0.5	340	0.0	
BLACKNOSE CRAPPIE	23845	37.5	13.2	23434	8389	55.5	13.0	8174	64.8	
WALLEYE	14374	30.1	8.0	14374	4711	65.5	7.3	4711	67.2	

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2008

LAKE=CENTER HILL

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	R H PE
ANY CATFISH	6342	35.2	1183	2.0	0.22	39.3	0.22	
ANY SUNFISH	7019	30.4	1348	2.2	1.95	38.6	1.29	
ANY BLACK BASS	160682	14.8	28486	49.8	0.56	18.4	0.19	
SMALLMOUTH BASS	5124	44.8	938	1.6	0.10	58.5	0.00	
SPOTTED BASS	11907	23.8	2299	3.7	0.87	41.7	0.51	
ANY CRAPPIE	40187	21.0	7105	12.5	0.96	30.8	0.40	
WALLEYE	56375	15.2	10545	17.5	0.21	38.8	0.06	
ANY SPECIES	34780	19.4	6465	10.8	0.15	142.4	0.10	
TOTAL	**322416**		**58369**					

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2008

LAKE=CENTER HILL

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	ANY CATFISH	0.00	0.00
	CHANNEL CATFISH	0.11	0.11
	FLATHEAD CATFISH	0.11	0.11
ANY SUNFISH			
	BLUEGILL	1.95	1.29
	REDEAR SUNFISH	0.00	0.00
ANY BLACK BASS			
ANY BLACK BASS			
ANY BLACK BASS			
	ANY BLACK BASS	0.00	0.00
	SMALLMOUTH BASS	0.05	0.01
	SPOTTED BASS	0.45	0.15
	LARGEMOUTH BASS	0.10	0.03
ANY CRAPPIE			
	ANY CRAPPIE	0.00	0.00
	WHITE CRAPPIE	0.08	0.05
	BLACK CRAPPIE	0.01	0.01
	BLACKNOSE CRAPPIE	0.87	0.34

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOUR
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTI

LAKE=CENTER HILL

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVI (NON-TOURN
01 JANUARY	18	1.07	2	0.33	21
02 FEBRUARY	34	0.25	9	0.27	30
03 MARCH	47	0.41	15	0.39	38
04 APRIL	48	0.49	15	0.46	36
05 MAY	0		0	0.74	26
06 JUNE	0		0	0.50	26
07 JULY	0		0	0.38	14
08 AUGUST	1	0.00	1	0.67	11
09 SEPTEMBER	0		0	1.17	20
10 OCTOBER	0		0	1.15	14
11 NOVEMBER	71	0.77	7	0.45	12
12 DECEMBER	0		0	0.61	12

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2008

LAKE=CENTER HILL

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	13120	7890	21010	9
ANY SUNFISH	12240	7090	16890	11
ANY BLACK BASS	990180	563410	1553590	274
SMALLMOUTH BASS	27980	31000	54990	9
SPOTTED BASS	54940	36370	89250	26
ANY CRAPPIE	106260	66070	172330	67
WALLEYE	177930	103410	278020	120
ANY SPECIES	63620	49810	112110	46
TOTAL	**1446270**	**865050**	**2298190**	**562**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2008

LAKE=CENTER HILL

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

LAKE=CENTER HILL

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	1102	99
OTHERS	11	1

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
DAVIDSON	107	9.7
DEKALB	199	18.0
PUTNAM	207	18.7
RUTHERFORD	60	5.4
SMITH	67	6.1
WARREN	183	16.6
OTHERS IN TN	279	25.2
OUT-OF-STATE	3	0.3

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	740	66.5
B) 26-100	358	32.2
C) 101-250	13	1.2
D) > 250	2	0.2

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	540	93.9
B) VACATION	35	6.1

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	517	89.9
B) 2-5	47	8.2
C) 6-10	9	1.6
D) 11-15	2	0.3

CHICKAMAUGA RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2008

LAKE=CHICKAMAUGA

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	29262	28.9	0.8	4840	0.1	5.9
02 FEBRUARY	21280	26.7	0.6	3388	0.1	4.3
03 MARCH	30296	18.5	0.9	4778	0.1	6.1
04 APRIL	56246	16.1	1.6	8929	0.3	11.4
05 MAY	90496	26.9	2.6	14195	0.4	18.3
06 JUNE	39521	10.4	1.1	6259	0.2	8.0
07 JULY	63787	38.9	1.8	10606	0.3	12.9
08 AUGUST	48870	23.2	1.4	7836	0.2	9.9
09 SEPTEMBER	36944	13.1	1.1	6468	0.2	7.5
10 OCTOBER	35797	30.6	1.0	5258	0.2	7.3
11 NOVEMBER	23422	10.4	0.7	3653	0.1	4.7
12 DECEMBER	17587	27.5	0.5	2951	0.1	3.6
TOTAL	**493508**			**79161**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2008

LAKE=CHICKAMAUGA

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RS HA
01 JANUARY	93638	31.9	3.20	12.9	17850	35.2	0.61	
02 FEBRUARY	88525	33.1	4.16	18.9	16811	39.4	0.79	
03 MARCH	75740	20.6	2.50	8.9	16663	28.2	0.55	
04 APRIL	193486	18.5	3.44	9.0	49496	22.8	0.88	
05 MAY	287777	32.7	3.18	18.0	85971	35.8	0.95	
06 JUNE	137138	18.4	3.47	15.1	33988	20.7	0.86	
07 JULY	218789	41.1	3.43	12.3	47840	43.6	0.75	
08 AUGUST	144167	25.5	2.95	10.2	28833	29.7	0.59	
09 SEPTEMBER	105290	16.0	2.85	9.0	26230	19.1	0.71	
10 OCTOBER	91998	31.8	2.57	8.1	20404	33.1	0.57	
11 NOVEMBER	73779	16.6	3.15	12.8	13351	18.3	0.57	
12 DECEMBER	49771	34.0	2.83	19.3	9849	46.0	0.56	
TOTAL	**1560098**				**367286**			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=CHICKAMAUGA

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED
LONGNOSE GAR	92	2593.1	0.0	0	0		0.0	0	100.0
GOLDEN SHINER	1340	1179.6	0.1	1340	0		0.0	0	100.0
BLUE CATFISH	156086	16.0	10.0	143468	63946	18.3	17.4	59917	59.0
CHANNEL CATFISH	67755	29.4	4.3	58726	29669	31.2	8.1	25519	56.2
FLATHEAD CATFISH	11100	121.1	0.7	6580	3267	136.4	0.9	2836	70.6
WHITE BASS	93407	29.6	6.0	48555	31245	33.1	8.5	20010	66.5
YELLOW BASS	142693	18.2	9.1	50141	4539	46.0	1.2	1439	96.8
STRIPED BASS	18489	108.4	1.2	16999	6279	118.6	1.7	5952	66.0
CHEROKEE BASS	64	1737.8	0.0	64	64	1737.8	0.0	64	0.0
WARMOUTH	609	1304.6	0.0	609	283	1351.6	0.1	283	53.5
BLUEGILL	490803	10.4	31.5	253373	139387	15.0	38.0	97984	71.6
REDEAR SUNFISH	32571	72.7	2.1	27143	21272	73.5	5.8	17817	34.7
SMALLMOUTH BASS	17921	79.6	1.1	15937	749	232.1	0.2	613	95.8
SPOTTED BASS	69585	26.2	4.5	62725	701	122.9	0.2	701	99.0
LARGEMOUTH BASS	223018	13.6	14.3	211682	12201	27.5	3.3	11831	94.5
WHITE CRAPPIE	31070	59.0	2.0	29089	9491	60.9	2.6	8946	69.5
BLACK CRAPPIE	114294	25.9	7.3	96524	42135	27.9	11.5	35974	63.1
BLACKNOSE CRAPPIE	48	4033.5	0.0	48	0		0.0	0	100.0
SAUGER	22784	65.2	1.5	22046	1609	154.9	0.4	1526	92.9
FRESHWATER DRUM	65696	27.6	4.2	8727	0		0.0	0	100.0

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2008

LAKE=CHICKAMAUGA

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RS HA PER
ANY CATFISH	100324	10.6	16131	20.3	1.48	15.1	0.63	2
WHITE BASS	2979	38.0	472	0.6	5.28	27.9	3.01	3
STRIPED BASS	19536	17.9	3134	4.0	0.58	44.0	0.21	6
ANY SUNFISH	963	58.1	159	0.2	12.01		5.21	
ANY BLACK BASS	200330	9.2	32077	40.6	1.18	21.5	0.06	4
ANY CRAPPIE	40793	11.9	6521	8.3	2.09	21.7	0.84	2
SAUGER	8829	23.5	1428	1.8	2.73	19.9	0.22	3
ANY SPECIES	119750	10.9	19236	24.3	4.78	17.9	1.64	2
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TOTAL	**493504**		**79158**					

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2008

LAKE=CHICKAMAUGA

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	ANY CATFISH	0.00	0.00
	BLUE CATFISH	1.02	0.43
	CHANNEL CATFISH	0.42	0.18
	FLATHEAD CATFISH	0.05	0.02
ANY SUNFISH			
	WARMOUTH	0.03	0.01
	BLUEGILL	10.82	4.40
	REDEAR SUNFISH	1.16	0.80
ANY BLACK BASS			
	SMALLMOUTH BASS	0.08	0.00
	SPOTTED BASS	0.31	0.00
	LARGEMOUTH BASS	1.06	0.06
ANY CRAPPIE			
	WHITE CRAPPIE	0.48	0.17
	BLACK CRAPPIE	1.61	0.67
	BLACKNOSE CRAPPIE	0.00	0.00

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOUR
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTI

LAKE=CHICKAMAUGA

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVI (NON-TOURN
01 JANUARY	0		0	1.06	25
02 FEBRUARY	14	1.93	3	2.76	34
03 MARCH	22	1.47	6	1.09	39
04 APRIL	0		0	1.20	82
05 MAY	3	0.71	1	0.92	55
06 JUNE	0		0	1.04	53
07 JULY	4	1.56	2	1.36	49
08 AUGUST	0		0	1.16	72
09 SEPTEMBER	7	1.16	3	1.11	54
10 OCTOBER	17	1.02	6	0.82	61
11 NOVEMBER	0		0	1.05	50
12 DECEMBER	19	1.52	5	1.11	24

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2008

LAKE=CHICKAMAUGA

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	362570	368270	730840	248
WHITE BASS	17100	12250	29350	8
STRIPED BASS	111520	102990	214510	49
ANY SUNFISH	850	1060	1920	2
ANY BLACK BASS	810110	863360	1673470	564
ANY CRAPPIE	145310	144300	289610	120
SAUGER	27960	15890	43850	28
ANY SPECIES	323970	344010	667980	265
TOTAL	**1799390**	**1852130**	**3651530**	**1284**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2008

LAKE=CHICKAMAUGA

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	2556	94.9
OTHERS	138	5.1

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
BRADLEY	351	13.7
HAMILTON	934	36.5
McMINN	221	8.6
MEIGS	185	7.2
RHEA	309	12.1
SEQUATCHIE	137	5.3
OTHERS IN TN	417	16.3
OUT-OF-STATE	8	0.3

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	1924	71.7
B) 26-100	732	27.3
C) 101-250	20	0.7
D) > 250	9	0.3

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	1369	99.9
B) VACATION	1	0.1

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	1362	99.3
B) 2-5	7	0.5
C) 6-10	1	0.1
F) >20	1	0.1

WATTS BAR RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2008

LAKE=WATTS BAR

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	15326	47.8	0.4	2614	0.1	3.0
02 FEBRUARY	18148	35.6	0.5	3212	0.1	3.5
03 MARCH	54598	30.2	1.4	8912	0.2	10.6
04 APRIL	76992	35.1	2.0	12130	0.3	15.0
05 MAY	76753	36.8	2.0	11858	0.3	14.9
06 JUNE	95862	44.9	2.5	15551	0.4	18.6
07 JULY	57986	39.8	1.5	9465	0.2	11.3
08 AUGUST	33256	23.5	0.9	5387	0.1	6.5
09 SEPTEMBER	30187	21.9	0.8	5129	0.1	5.9
10 OCTOBER	25452	19.2	0.7	3597	0.1	4.9
11 NOVEMBER	16650	17.4	0.4	2625	0.1	3.2
12 DECEMBER	13566	51.8	0.3	2064	0.1	2.6
TOTAL	**514776**			**82544**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2008

LAKE=WATTS BAR

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RS HA
01 JANUARY	41074	52.4	2.68	19.4	9196	68.5	0.60	
02 FEBRUARY	46640	39.7	2.57	16.6	10344	58.9	0.57	
03 MARCH	165978	39.9	3.04	24.9	30029	35.8	0.55	
04 APRIL	204029	40.2	2.65	18.4	58514	52.0	0.76	
05 MAY	207233	42.8	2.70	20.5	47587	50.8	0.62	
06 JUNE	247324	46.9	2.58	12.3	58476	48.4	0.61	
07 JULY	163521	44.3	2.82	18.1	42330	54.9	0.73	
08 AUGUST	79814	38.4	2.40	29.6	12970	47.2	0.39	
09 SEPTEMBER	62487	32.9	2.07	24.0	4830	51.2	0.16	
10 OCTOBER	37414	23.2	1.47	12.6	8399	49.2	0.33	
11 NOVEMBER	39294	30.5	2.36	24.7	11489	57.6	0.69	
12 DECEMBER	31337	65.8	2.31	36.0	5291	81.0	0.39	
TOTAL	**1326145**				**299455**			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=WATTS BAR

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED
SKIPJACK HERRING	967	1547.7	0.1	967	0		0.0	0	100.0
BLUE CATFISH	76800	33.7	5.8	69766	32294	38.8	10.8	31517	58.0
CHANNEL CATFISH	51811	46.9	3.9	48130	26929	49.4	9.0	25741	48.0
FLATHEAD CATFISH	8814	194.1	0.7	5244	1546	297.2	0.5	1340	82.5
WHITE BASS	323471	18.9	24.4	207567	114752	24.2	38.3	79774	64.5
YELLOW BASS	70918	41.8	5.3	30739	454	276.6	0.2	454	99.4
STRIPED BASS	25938	81.3	2.0	18675	5418	136.2	1.8	4842	79.1
CHEROKEE BASS	187	1715.1	0.0	187	187	1715.1	0.1	187	0.0
BLUEGILL	189472	24.9	14.3	121278	27051	42.4	9.0	17535	85.7
REDEAR SUNFISH	446	1081.8	0.0	446	289	1016.5	0.1	289	35.2
SMALLMOUTH BASS	36797	53.8	2.8	32468	1789	145.1	0.6	1789	95.1
SPOTTED BASS	58155	39.6	4.4	51420	1132	179.6	0.4	1132	98.1
LARGEMOUTH BASS	253243	18.2	19.1	231168	14954	34.7	5.0	13784	94.1
WHITE CRAPPIE	85065	50.6	6.4	79664	34802	47.9	11.6	32543	59.1
BLACK CRAPPIE	79619	37.2	6.0	71547	31594	43.8	10.6	29088	60.3
BLACKNOSE CRAPPIE	1380	453.4	0.1	1380	1269	454.2	0.4	1269	8.0
YELLOW PERCH	187	1715.1	0.0	0	187	1715.1	0.1	0	0.0
SAUGER	36319	50.8	2.7	31240	4577	78.8	1.5	3410	87.4
FRESHWATER DRUM	27141	75.7	2.0	6207	0		0.0	0	100.0

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2008

LAKE=WATTS BAR

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	R H PE
ANY CATFISH	58667	16.4	9430	11.4	1.32	30.8	0.65	
WHITE BASS	18988	24.4	3044	3.7	5.12	31.5	1.90	
STRIPED BASS	20108	21.9	3257	3.9	0.38	46.3	0.11	
ANY BLACK BASS	245760	14.5	39275	47.7	0.92	11.9	0.06	
SMALLMOUTH BASS	361	103.3	51	0.1	0.00		0.00	
LARGEMOUTH BASS	251	158.5	38	0.0	1.75		0.00	
ANY CRAPPIE	44716	19.7	7064	8.7	2.44	19.8	1.05	
SAUGER	9236	30.6	1539	1.8	1.95	26.0	0.24	
ANY SPECIES	116692	16.4	18846	22.7	3.26	22.6	1.01	
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TOTAL	**514779**		**82544**					

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2008

LAKE=WATTS BAR

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	ANY CATFISH	0.00	0.00
	BLUE CATFISH	0.75	0.35
	CHANNEL CATFISH	0.52	0.29
	FLATHEAD CATFISH	0.06	0.01
ANY BLACK BASS			
ANY BLACK BASS			
ANY BLACK BASS			
	ANY BLACK BASS	0.00	0.00
	SMALLMOUTH BASS	0.13	0.01
	SPOTTED BASS	0.21	0.00
	LARGEMOUTH BASS	0.94	0.06
ANY CRAPPIE			
	WHITE CRAPPIE	1.27	0.54
	BLACK CRAPPIE	1.14	0.49
	BLACKNOSE CRAPPIE	0.02	0.02

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOUR
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTI

LAKE=WATTS BAR

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVI (NON-TOURN
01 JANUARY	0		0	1.16	14
02 FEBRUARY	0		0	0.76	16
03 MARCH	0		0	0.90	38
04 APRIL	0		0	0.94	50
05 MAY	7	1.35	3	0.84	70
06 JUNE	27	1.06	7	0.99	42
07 JULY	33	0.90	6	1.05	28
08 AUGUST	0		0	0.66	40
09 SEPTEMBER	13	0.57	2	1.08	27
10 OCTOBER	4	1.08	1	0.75	38
11 NOVEMBER	0		0	0.57	23
12 DECEMBER	0		0	1.42	9

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2008

LAKE=WATTS BAR

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	217910	187700	405610	84
WHITE BASS	79600	79240	158840	29
STRIPED BASS	140250	137020	277270	35
ANY BLACK BASS	1043930	1044650	2088570	380
SMALLMOUTH BASS	1450	640	2090	1
LARGEMOUTH BASS	1410	960	2370	1
ANY CRAPPIE	182250	144040	326290	78
SAUGER	39340	36200	75540	17
ANY SPECIES	323150	338400	661550	154
TOTAL	**2029290**	**1968850**	**3998130**	**779**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2008

LAKE=WATTS BAR

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	1573	95.2
OTHERS	79	4.8

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
CUMBERLAND	91	5.8
HAMILTON	161	10.2
KNOX	192	12.2
LOUDON	162	10.3
McMINN	130	8.3
MEIGS	84	5.3
RHEA	136	8.7
ROANE	361	23.0
OTHERS IN TN	254	16.2

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	1037	63.4
B) 26-100	527	32.2
C) 101-250	15	0.9
D) > 250	57	3.5

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	821	99.9
B) VACATION	1	0.1

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	796	96.8
B) 2-5	23	2.8
C) 6-10	3	0.4

DALE HOLLOW RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2008

LAKE=DALE HOLLOW

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	20926	22.8	0.9	3444	0.1	6.2
02 FEBRUARY	22957	29.9	1.0	3488	0.2	6.8
03 MARCH	29609	26.2	1.3	3937	0.2	8.8
04 APRIL	69564	19.3	3.0	9770	0.4	20.7
05 MAY	61584	22.2	2.7	9019	0.4	18.4
06 JUNE	20002	26.9	0.9	3618	0.2	6.0
07 JULY	15842	24.3	0.7	3439	0.1	4.7
08 AUGUST	16081	18.6	0.7	3169	0.1	4.8
09 SEPTEMBER	19169	12.7	0.8	3216	0.1	5.7
10 OCTOBER	31688	15.3	1.4	5248	0.2	9.4
11 NOVEMBER	22482	26.2	1.0	3405	0.1	6.7
12 DECEMBER	5503	28.1	0.2	997	0.0	1.6
TOTAL	**335407**			**52750**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2008

LAKE=DALE HOLLOW

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE HAR R
01 JANUARY	8580	29.6	0.41	18.6	1046	50.5	0.05	4
02 FEBRUARY	6198	36.0	0.27	19.0	689	65.9	0.03	4
03 MARCH	9475	33.1	0.32	19.3	1480	65.9	0.05	5
04 APRIL	36869	29.9	0.53	22.5	18782	35.9	0.27	3
05 MAY	49267	29.3	0.80	18.7	20323	32.4	0.33	2
06 JUNE	14201	36.5	0.71	23.9	6201	42.1	0.31	3
07 JULY	5545	43.3	0.35	35.1	1584	48.1	0.10	4
08 AUGUST	8362	40.4	0.52	35.2	3538	57.9	0.22	5
09 SEPTEMBER	10543	23.4	0.55	19.4	5176	34.5	0.27	3
10 OCTOBER	16795	24.0	0.53	18.2	6654	31.1	0.21	2
11 NOVEMBER	10791	33.4	0.48	20.2	2923	32.4	0.13	1
12 DECEMBER	2311	65.1	0.42	56.5	55	107.4	0.01	10
TOTAL	**178937**				**68451**			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=DALE HOLLOW

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED
ALEWIFE	623	317.8	0.3	0	249	345.9	0.4	0	60.0
CHANNEL CATFISH	6576	67.8	3.7	5556	6404	68.5	9.4	5554	2.6
FLATHEAD CATFISH	391	478.3	0.2	107	391	478.3	0.6	107	0.0
MUSKELLUNGE	78	840.8	0.0	78	34	611.2	0.0	34	56.4
RAINBOW TROUT	568	572.3	0.3	413	506	630.8	0.7	450	10.9
WHITE BASS	961	378.7	0.5	0	247	534.2	0.4	0	74.3
BLUEGILL	41028	19.3	22.9	37429	24600	24.9	35.9	22105	40.0
REDEAR SUNFISH	13090	44.4	7.3	12440	10541	47.8	15.4	9910	19.5
COOSA BASS	73	1059.8	0.0	0	0		0.0	0	100.0
SMALLMOUTH BASS	66464	13.2	37.1	58706	3944	28.9	5.8	3644	94.1
SPOTTED BASS	5531	56.5	3.1	4005	2976	74.6	4.3	2267	46.2
LARGEMOUTH BASS	11695	33.3	6.5	9356	2681	56.4	3.9	2276	77.1
BLACK CRAPPIE	7529	82.2	4.2	7320	3257	73.0	4.8	3060	56.7
BLACKNOSE CRAPPIE	9871	40.4	5.5	9614	4448	54.7	6.5	4243	54.9
WALLEYE	12089	34.4	6.8	11254	8177	47.0	11.9	7570	32.4
FRESHWATER DRUM	310	558.0	0.2	0	0		0.0	0	100.0

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2008

LAKE=DALE HOLLOW

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	R H PE
ANY CATFISH	4306	31.3	648	1.3	0.59	54.1	0.59	
MUSKELLUNGE	887	61.5	134	0.3	0.12		0.08	
RAINBOW TROUT	163	148.2	23	0.0	7.00		7.00	
ANY TROUT	2129	35.7	418	0.6	0.02	176.1	0.02	
ANY SUNFISH	21051	16.4	3354	6.3	2.94	23.4	1.97	
ANY BLACK BASS	69658	9.8	10773	20.8	0.33	22.2	0.10	
SMALLMOUTH BASS	144566	9.1	21843	43.1	0.33	17.6	0.02	
LARGEMOUTH BASS	2736	37.5	396	0.8	0.35	60.5	0.06	
ANY CRAPPIE	32267	12.3	4970	9.6	0.89	36.9	0.33	
WALLEYE	34411	13.0	6209	10.3	0.32	28.3	0.23	
ANY SPECIES	23231	13.3	3978	6.9	0.10	85.7	0.05	
TOTAL	**335405**		**52746**					

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2008

LAKE=DALE HOLLOW

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	CHANNEL CATFISH	0.58	0.58
	FLATHEAD CATFISH	0.01	0.01
ANY TROUT			
	RAINBOW TROUT	0.02	0.02
	ANY TROUT	0.00	0.00
ANY SUNFISH			
	BLUEGILL	2.21	1.36
	REDEAR SUNFISH	0.73	0.61
ANY BLACK BASS			
ANY BLACK BASS			
ANY BLACK BASS			
	COOSA BASS	0.00	0.00
	SMALLMOUTH BASS	0.27	0.02
	SPOTTED BASS	0.02	0.01
	LARGEMOUTH BASS	0.04	0.01
ANY CRAPPIE			
	ANY CRAPPIE	0.00	0.00
	BLACK CRAPPIE	0.38	0.14
	BLACKNOSE CRAPPIE	0.51	0.19

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOUR
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTI

LAKE=DALE HOLLOW

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVI (NON-TOURN
01 JANUARY	0		0	0.52	47
02 FEBRUARY	4	0.09	3	0.28	90
03 MARCH	0	0.00	1	0.32	94
04 APRIL	7	0.31	13	0.28	132
05 MAY	9	0.61	11	0.42	83
06 JUNE	2	0.45	3	0.42	22
07 JULY	0		0	0.22	11
08 AUGUST	0		0	0.20	29
09 SEPTEMBER	15	0.13	5	0.24	47
10 OCTOBER	43	0.31	18	0.25	53
11 NOVEMBER	6	0.73	3	0.23	51
12 DECEMBER	0		0	0.31	13

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2008

LAKE=DALE HOLLOW

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	14280	8500	22780	14
MUSKELLUNGE	8630	3490	12120	4
RAINBOW TROUT	110			1
ANY TROUT	19090	6150	25240	7
ANY SUNFISH	64550	38370	102920	65
ANY BLACK BASS	478010	273000	751010	259
SMALLMOUTH BASS	966990	524680	1491670	463
LARGEMOUTH BASS	13880	10520	24400	10
ANY CRAPPIE	109480	73720	183200	107
WALLEYE	126970	81970	208930	141
ANY SPECIES	79370	52380	131760	66
TOTAL	**1881360**	**1072780**	**2954030**	**1137**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2008

LAKE=DALE HOLLOW

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
IN	212	8.6
KY	588	23.8
OH	406	16.4
TN	1095	44.3
OTHERS	171	6.9

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
CLAY	237	21.7
DAVIDSON	81	7.4
OVERTON	193	17.7
PICKETT	167	15.3
PUTNAM	92	8.4
OTHERS IN TN	322	29.5

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	728	29.4
B) 26-100	396	16.0
C) 101-250	502	20.3
D) > 250	846	34.2

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	1064	89.2
B) VACATION	128	10.7
D) OTHER	1	0.1

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	608	51.0
B) 2-5	322	27.0
C) 6-10	244	20.5
D) 11-15	14	1.2
E) 16-20	2	0.2
F) >20	3	0.3

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MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2008

LAKE=NORRIS

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	21881	26.0	0.6	4512	0.1	6.3
02 FEBRUARY	16745	34.9	0.5	2579	0.1	4.8
03 MARCH	59152	61.7	1.7	9231	0.3	17.1
04 APRIL	20461	33.1	0.6	4926	0.1	5.9
05 MAY	32701	17.1	1.0	6579	0.2	9.4
06 JUNE	43067	11.8	1.3	8512	0.2	12.4
07 JULY	45631	17.6	1.3	9509	0.3	13.2
08 AUGUST	36211	21.8	1.1	7200	0.2	10.5
09 SEPTEMBER	17263	22.1	0.5	3611	0.1	5.0
10 OCTOBER	28462	20.0	0.8	5399	0.2	8.2
11 NOVEMBER	18539	27.6	0.5	3273	0.1	5.4
12 DECEMBER	6217	41.0	0.2	1216	0.0	1.8
TOTAL	**346330**			**66547**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2008

LAKE=NORRIS

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE HAR R
01 JANUARY	13347	34.0	0.61	21.3	656	65.9	0.03	5
02 FEBRUARY	7368	50.6	0.44	34.7	1842	50.8	0.11	3
03 MARCH	122445	89.8	2.07	55.6	5915	91.7	0.10	5
04 APRIL	17801	45.7	0.87	29.9	6138	74.1	0.30	6
05 MAY	27796	56.6	0.85	52.9	8502	84.8	0.26	8
06 JUNE	54695	25.8	1.27	22.8	21103	30.9	0.49	2
07 JULY	26010	25.9	0.57	18.9	5476	35.6	0.12	3
08 AUGUST	17743	41.8	0.49	35.2	6156	89.6	0.17	8
09 SEPTEMBER	14674	46.8	0.85	40.2	1726	80.4	0.10	7
10 OCTOBER	19639	26.9	0.69	17.7	5123	54.3	0.18	4
11 NOVEMBER	25955	58.4	1.40	49.8	2966	58.6	0.16	4
12 DECEMBER	3606	75.2	0.58	58.2	684	117.8	0.11	10
TOTAL	**351079**				**66287**			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=NORRIS

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED
CARP	126	1314.4	0.0	126	0		0.0	0	100.0
CHANNEL CATFISH	6981	201.1	2.0	551	2445	139.8	3.7	0	65.0
FLATHEAD CATFISH	989	338.8	0.3	330	445	299.8	0.7	148	55.0
WHITE BASS	382	464.6	0.1	0	256	520.9	0.4	0	33.0
STRIPED BASS	13367	109.7	3.8	12019	3249	102.1	4.9	3249	75.7
ROCK BASS	1428	248.0	0.4	0	0		0.0	0	100.0
GREEN SUNFISH	119	1387.6	0.0	119	119	1387.6	0.2	119	0.0
WARMOUTH	116	1770.6	0.0	0	0		0.0	0	100.0
BLUEGILL	76123	24.8	21.7	63106	29077	28.6	43.9	28515	61.8
REDEAR SUNFISH	3724	144.1	1.1	2578	3260	154.7	4.9	2223	12.5
COOSA BASS	177	906.3	0.1	177	0		0.0	0	100.0
SMALLMOUTH BASS	102625	56.9	29.2	89446	3360	71.5	5.1	2520	96.7
SPOTTED BASS	41221	55.9	11.7	28239	3856	63.7	5.8	2057	90.6
LARGEMOUTH BASS	48963	57.4	14.0	39858	1411	100.7	2.1	627	97.1
WHITE CRAPPIE	16060	129.1	4.6	12905	2873	142.9	4.3	1975	82.1
BLACK CRAPPIE	28319	92.1	8.1	25674	10905	63.8	16.4	9489	61.5
BLACKNOSE CRAPPIE	2271	778.4	0.6	2065	770	274.0	1.2	674	66.1
SAUGER	854	114.4	0.2	0	150	162.2	0.2	0	82.4
WALLEYE	5050	100.7	1.4	4777	4116	102.4	6.2	3974	18.5
FRESHWATER DRUM	1995	897.4	0.6	0	0		0.0	0	100.0

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2008

LAKE=NORRIS

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	R H PE
ANY CATFISH	345	141.6	68	0.1	0.00		0.00	
STRIPED BASS	33232	18.0	6659	9.6	0.26	75.9	0.04	
ANY SUNFISH	25006	17.5	4997	7.2	2.24	24.1	1.17	
ANY BLACK BASS	124831	18.1	23313	36.0	0.42	23.0	0.01	
SMALLMOUTH BASS	32140	27.0	6052	9.3	0.72	42.2	0.02	
SPOTTED BASS	2687	89.2	456	0.8	0.38		0.28	
LARGEMOUTH BASS	2244	60.0	438	0.6	0.10	172.8	0.00	
ANY CRAPPIE	23948	34.2	4293	6.9	0.92	45.1	0.36	
WALLEYE	40665	15.5	8049	11.7	0.08	59.8	0.07	
ANY SPECIES	61229	12.7	12221	17.7	0.62	53.2	0.09	
TOTAL	**346327**		**66546**					

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2008

LAKE=NORRIS

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	CHANNEL CATFISH	0.00	0.00
	FLATHEAD CATFISH	0.00	0.00
ANY SUNFISH			
	GREEN SUNFISH	0.00	0.00
	WARMOUTH	0.00	0.00
	BLUEGILL	2.15	1.08
	REDEAR SUNFISH	0.09	0.08
ANY BLACK BASS			
ANY BLACK BASS			
ANY BLACK BASS			
ANY BLACK BASS			
	COOSA BASS	0.00	0.00
	SMALLMOUTH BASS	0.55	0.02
	SPOTTED BASS	0.17	0.01
	LARGEMOUTH BASS	0.25	0.00
ANY CRAPPIE			
	WHITE CRAPPIE	0.29	0.06
	BLACK CRAPPIE	0.58	0.28
	BLACKNOSE CRAPPIE	0.05	0.02

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOUR
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTI

LAKE=NORRIS

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVI (NON-TOURN
01 JANUARY	32	0.53	9	0.47	35
02 FEBRUARY	52	0.27	9	0.21	14
03 MARCH	16	0.82	5	0.39	20
04 APRIL	0		0	0.90	13
05 MAY	13	1.63	5	0.82	7
06 JUNE	5	0.00	3	0.29	14
07 JULY	10	0.13	4	0.54	17
08 AUGUST	0		0	0.23	12
09 SEPTEMBER	0		0	0.75	10
10 OCTOBER	53	0.52	8	0.38	21
11 NOVEMBER	37	0.49	8	0.44	24
12 DECEMBER	56	0.33	2	0.16	4

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2008

LAKE=NORRIS

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
STRIPED BASS	293220	162590	445680	19
ANY SUNFISH	70350	38670	104680	20
ANY BLACK BASS	997680	528450	1526130	109
SMALLMOUTH BASS	183790	137280	321070	20
SPOTTED BASS	1340	4480	5830	1
LARGEMOUTH BASS	4090	1020	5110	1
ANY CRAPPIE	69870	112120	177860	15
WALLEYE	200580	174400	374980	30
ANY SPECIES	198640	286100	484740	40
TOTAL	**2019560**	**1445110**	**3446080**	**255**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2008

LAKE=NORRIS

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
KY	92	10.1
TN	762	84.0
OTHERS	53	5.8

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
ANDERSON	173	22.8
CAMPBELL	97	12.8
CLAIBORNE	227	29.9
KNOX	107	14.1
UNION	82	10.8
OTHERS IN TN	72	9.5
OUT-OF-STATE	2	0.3

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	663	73.3
B) 26-100	179	19.8
C) 101-250	19	2.1
D) > 250	44	4.9

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	495	99.2
B) VACATION	3	0.6
D) OTHER	1	0.2

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	450	90.4
B) 2-5	35	7.0
C) 6-10	11	2.2
D) 11-15	1	0.2
F) >20	1	0.2

CHEROKEE
RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2008

LAKE=CHEROKEE

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	10044	35.2	0.3	2127	0.1	2.5
02 FEBRUARY	20589	42.7	0.7	3972	0.1	5.1
03 MARCH	22252	13.6	0.7	4379	0.1	5.5
04 APRIL	69959	28.4	2.3	13079	0.4	17.2
05 MAY	45132	14.3	1.5	7667	0.3	11.1
06 JUNE	46968	15.1	1.6	9561	0.3	11.5
07 JULY	68540	25.9	2.3	13276	0.4	16.8
08 AUGUST	49408	39.9	1.6	10640	0.4	12.1
09 SEPTEMBER	20138	12.5	0.7	3890	0.1	4.9
10 OCTOBER	29841	18.3	1.0	5091	0.2	7.3
11 NOVEMBER	17864	25.9	0.6	3290	0.1	4.4
12 DECEMBER	6940	24.4	0.2	1492	0.0	1.7
TOTAL	**407675**			**78464**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2008

LAKE=CHEROKEE

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE HAR R
01 JANUARY	8035	41.7	0.80	21.1	1908	65.7	0.19	5
02 FEBRUARY	12353	48.9	0.60	21.8	2265	55.0	0.11	3
03 MARCH	18692	20.8	0.84	15.5	3560	43.6	0.16	4
04 APRIL	58766	32.1	0.84	14.4	16790	40.2	0.24	2
05 MAY	40167	19.1	0.89	12.6	9478	25.4	0.21	2
06 JUNE	41332	18.2	0.88	9.9	10333	23.8	0.22	1
07 JULY	55517	27.6	0.81	9.2	12337	33.9	0.18	2
08 AUGUST	34092	41.6	0.69	10.8	7411	48.8	0.15	2
09 SEPTEMBER	20742	15.9	1.03	9.8	5639	28.0	0.28	2
10 OCTOBER	33422	21.4	1.12	10.9	8057	28.5	0.27	2
11 NOVEMBER	17507	28.5	0.98	11.6	2501	37.9	0.14	2
12 DECEMBER	7079	32.4	1.02	20.6	1249	56.0	0.18	4
TOTAL	**347704**				**81528**			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=CHEROKEE

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED
LONGNOSE GAR	66	2630.2	0.0	0	0		0.0	0	100.0
CARP	158	1422.9	0.0	0	0		0.0	0	100.0
BLACK BULLHEAD	215	714.1	0.1	215	215	714.1	0.3	215	0.0
BLUE CATFISH	477	638.5	0.1	0	94	541.9	0.1	0	80.3
CHANNEL CATFISH	29558	21.3	8.5	23807	16514	22.2	20.3	13695	44.1
FLATHEAD CATFISH	1739	155.2	0.5	1739	1424	161.1	1.7	1424	18.1
WHITE BASS	5383	92.9	1.5	266	999	141.2	1.2	250	81.4
STRIPED BASS	9936	46.2	2.9	3159	2384	54.6	2.9	1265	76.0
CHEROKEE BASS	41298	17.2	11.9	28619	12236	21.4	15.0	9574	70.4
BLUEGILL	27242	30.1	7.8	5271	12837	30.7	15.7	1834	52.9
SMALLMOUTH BASS	15594	38.1	4.5	276	192	203.2	0.2	0	98.8
SPOTTED BASS	9873	53.7	2.8	0	790	101.7	1.0	0	92.0
LARGEMOUTH BASS	132930	9.5	38.2	124971	2267	29.4	2.8	1873	98.3
WHITE CRAPPIE	2892	161.7	0.8	2682	1443	152.1	1.8	1443	50.1
BLACK CRAPPIE	62064	15.5	17.8	60057	27601	18.6	33.9	27107	55.5
BLACKNOSE CRAPPIE	1187	200.7	0.3	1187	1021	208.4	1.3	1021	14.0
SAUGER	164	1549.5	0.0	0	0		0.0	0	100.0
WALLEYE	2549	165.0	0.7	623	279	207.1	0.3	140	89.1
FRESHWATER DRUM	4365	118.2	1.3	739	1237	137.1	1.5	471	71.7

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2008

LAKE=CHEROKEE

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	R H PE
ANY CATFISH	39978	16.3	8008	9.8	0.64	22.9	0.41	
WHITE BASS	895	73.1	168	0.2	0.47		0.47	
STRIPED BASS	23301	15.3	4427	5.7	0.11	41.9	0.05	
CHEROKEE BASS	44202	14.1	8513	10.8	0.61	15.2	0.21	
ANY SUNFISH	4361	38.1	857	1.1	1.86	16.1	0.75	
ANY BLACK BASS	702	89.0	136	0.2	0.63		0.42	
SMALLMOUTH BASS	610	57.6	118	0.1	0.29		0.00	
LARGEMOUTH BASS	188140	9.4	36086	46.1	0.62	7.4	0.01	
ANY CRAPPIE	83486	11.8	15851	20.5	1.17	13.6	0.52	
WALLEYE	3390	38.4	686	0.8	0.27	58.7	0.07	
ANY SPECIES	18608	17.6	3611	4.6	0.55	36.0	0.25	
TOTAL	**407673**		**78461**					

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2008

LAKE=CHEROKEE

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	BLACK BULLHEAD	0.01	0.01
	ANY CATFISH	0.00	0.00
	BLUE CATFISH	0.00	0.00
	CHANNEL CATFISH	0.59	0.37
	FLATHEAD CATFISH	0.04	0.04
ANY SUNFISH			
	BLUEGILL	1.86	0.75
ANY BLACK BASS			
ANY BLACK BASS			
ANY BLACK BASS			
	ANY BLACK BASS	0.00	0.00
	SMALLMOUTH BASS	0.00	0.00
	SPOTTED BASS	0.00	0.00
	LARGEMOUTH BASS	0.66	0.01
ANY CRAPPIE			
	ANY CRAPPIE	0.00	0.00
	WHITE CRAPPIE	0.05	0.03
	BLACK CRAPPIE	1.10	0.48
	BLACKNOSE CRAPPIE	0.02	0.02

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOUR
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTI

LAKE=CHEROKEE

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVI (NON-TOURN
01 JANUARY	10	1.93	2	0.67	30
02 FEBRUARY	1	0.83	1	0.50	41
03 MARCH	44	0.71	21	0.58	49
04 APRIL	34	0.41	17	0.51	61
05 MAY	27	0.63	11	0.65	68
06 JUNE	13	0.83	5	0.71	44
07 JULY	2	0.79	3	0.60	72
08 AUGUST	21	0.59	11	0.48	49
09 SEPTEMBER	8	0.97	4	0.72	60
10 OCTOBER	14	0.83	10	0.67	67
11 NOVEMBER	19	0.76	6	0.87	44
12 DECEMBER	0		0	0.61	22

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2008

LAKE=CHEROKEE

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	24060	52420	76480	81
WHITE BASS	1060	970	2030	2
STRIPED BASS	73040	72600	145640	66
CHEROKEE BASS	114290	132230	246510	115
ANY SUNFISH	3170	3850	7030	7
ANY BLACK BASS	0	1810	1810	1
SMALLMOUTH BASS	1920	1960	3870	4
LARGEMOUTH BASS	707520	792150	1499660	659
ANY CRAPPIE	35160	157850	193010	279
WALLEYE	0	7600	7600	7
ANY SPECIES	12250	20460	32320	30
TOTAL	**972470**	**1243900**	**2215960**	**1251**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2008

LAKE=CHEROKEE

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
KY	343	13.1
TN	1966	75.3
VA	198	7.6
OTHERS	104	4.0

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
GRAINGER	343	17.5
HAMBLEN	508	26.0
HAWKINS	484	24.7
SULLIVAN	210	10.7
OTHERS IN TN	412	21.1

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	1501	57.6
B) 26-100	1011	38.8
C) 101-250	90	3.5
D) > 250	6	0.2

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	1310	98.5
B) VACATION	20	1.5

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	1252	94.1
B) 2-5	77	5.8
C) 6-10	1	0.1

MELTON HILL RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2008

LAKE=MELTON HILL

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	2716	21.0	0.5	624	0.1	3.1
02 FEBRUARY	2430	63.1	0.4	448	0.1	2.8
03 MARCH	7622	5.8	1.3	1606	0.3	8.7
04 APRIL	16472	15.5	2.9	3940	0.7	18.7
05 MAY	12520	9.5	2.2	3345	0.6	14.2
06 JUNE	12682	10.9	2.2	3357	0.6	14.4
07 JULY	9782	6.5	1.7	2448	0.4	11.1
08 AUGUST	9034	18.3	1.6	2500	0.4	10.3
09 SEPTEMBER	5546	22.0	1.0	1601	0.3	6.3
10 OCTOBER	5545	17.8	1.0	1556	0.3	6.3
11 NOVEMBER	1821	39.3	0.3	528	0.1	2.1
12 DECEMBER	1744	32.5	0.3	506	0.1	2.0
TOTAL	**87914**			**22459**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2008

LAKE=MELTON HILL

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE HAR R
01 JANUARY	2173	33.0	0.80	24.9	109	73.3	0.04	7
02 FEBRUARY	1288	64.1	0.53	9.4	510	63.2	0.21	
03 MARCH	6631	31.1	0.87	30.6	1143	63.8	0.15	6
04 APRIL	17131	22.6	1.04	16.3	2306	28.3	0.14	2
05 MAY	7762	21.7	0.62	19.4	125	73.1	0.01	7
06 JUNE	12682	19.0	1.00	15.5	1395	52.4	0.11	5
07 JULY	7043	23.2	0.72	22.3	196	64.3	0.02	6
08 AUGUST	4698	36.6	0.52	31.3	452	60.4	0.05	5
09 SEPTEMBER	2496	36.0	0.45	28.1	55	87.4	0.01	7
10 OCTOBER	1386	37.0	0.25	31.6	0		0.00	10
11 NOVEMBER	2404	97.9	1.32	83.4	601	115.4	0.33	10
12 DECEMBER	366	81.2	0.21	70.8	35	90.6	0.02	10
TOTAL	**66060**				**6927**			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=MELTON HILL

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVE WE (I
ANY GAR	99	895.0	0.1	0	0		0.0	0	100.0	
GIZZARD SHAD	33	399.4	0.0	33	0		0.0	0	100.0	
CARP	305	499.1	0.5	203	0		0.0	0	100.0	
ANY CARPSUCKER	112	797.3	0.2	112	0		0.0	0	100.0	
CHANNEL CATFISH	50	1256.9	0.1	50	0		0.0	0	100.0	
MUSKELLUNGE	322	502.1	0.5	184	0		0.0	0	100.0	
RAINBOW TROUT	603	230.4	0.9	603	267	168.3	3.9	267	55.7	(
WHITE BASS	1090	221.8	1.6	694	0		0.0	0	100.0	
STRIPED BASS	1778	113.1	2.7	1046	0		0.0	0	100.0	
WARMOUTH	80	621.0	0.1	0	28	157.5	0.4	0	65.0	(
BLUEGILL	11748	30.2	17.8	10216	1200	46.3	17.3	1138	89.8	(
SMALLMOUTH BASS	4828	47.9	7.3	4589	0		0.0	0	100.0	
SPOTTED BASS	867	229.8	1.3	867	0		0.0	0	100.0	
LARGEMOUTH BASS	27365	13.1	41.4	25780	1358	32.2	19.6	1276	95.0	2
WHITE CRAPPIE	12457	29.2	18.8	12366	3693	30.1	53.3	3693	70.4	(
BLACK CRAPPIE	361	242.4	0.5	289	313	144.1	4.5	313	13.3	1
YELLOW PERCH	871	179.1	1.3	871	0		0.0	0	100.0	
FRESHWATER DRUM	1107	170.1	1.7	604	0		0.0	0	100.0	

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2008

LAKE=MELTON HILL

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RS HA PER
ANY CATFISH	1703	33.9	466	1.9	0.10	0.0	0.00	
MUSKELLUNGE	2175	24.4	500	2.5	0.03	120.9	0.00	
RAINBOW TROUT	725	52.1	176	0.8	0.73	6.0	0.41	
STRIPED BASS	6545	16.3	1688	7.4	0.06	88.5	0.00	
ANY SUNFISH	2295	28.7	613	2.6	1.73	15.8	0.64	
ANY BLACK BASS	36214	7.4	9270	41.2	0.88	22.7	0.04	
ANY CRAPPIE	14091	12.2	3489	16.0	0.73	27.7	0.28	
WALLEYE	161	103.8	46	0.2	0.00		0.00	
ANY SPECIES	24005	8.6	6210	27.3	0.72	49.4	0.01	1
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TOTAL	**87914**		**22458**					

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2008

LAKE=MELTON HILL

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	ANY CATFISH	0.00	0.00
	CHANNEL CATFISH	0.10	0.00
ANY SUNFISH			
	WARMOUTH	0.00	0.00
	BLUEGILL	1.73	0.64
ANY BLACK BASS			
	SMALLMOUTH BASS	0.13	0.00
	SPOTTED BASS	0.02	0.00
	LARGEMOUTH BASS	0.71	0.04
ANY CRAPPIE			
	WHITE CRAPPIE	0.71	0.26
	BLACK CRAPPIE	0.02	0.02

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOUR
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTI

LAKE=MELTON HILL

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVI (NON-TOURN
01 JANUARY	0		0	0.63	7
02 FEBRUARY	33	0.11	1	1.32	5
03 MARCH	37	1.60	6	0.45	14
04 APRIL	30	1.22	8	1.36	27
05 MAY	1	0.00	1	0.78	24
06 JUNE	35	1.79	30	0.87	19
07 JULY	20	0.87	10	0.77	18
08 AUGUST	15	0.96	4	0.25	19
09 SEPTEMBER	0		0	0.37	15
10 OCTOBER	3	0.00	1	0.57	13
11 NOVEMBER	0		0	0.54	3
12 DECEMBER	0		0	1.04	5

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2008

LAKE=MELTON HILL

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	4740	1200	5940	9
MUSKELLUNGE	16530	23170	39700	16
RAINBOW TROUT	3300	1030	4320	3
STRIPED BASS	50480	35180	85660	42
ANY SUNFISH	10710	6090	16800	10
ANY BLACK BASS	196560	133910	330470	230
ANY CRAPPIE	47290	21840	69130	94
WALLEYE	460	0	460	1
ANY SPECIES	52120	17440	69560	123
TOTAL	**382190**	**239860**	**622040**	**528**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2008

LAKE=MELTON HILL

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	951	98.4
OTHERS	15	1.6

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
ANDERSON	409	43.0
KNOX	390	41.0
LOUDON	58	6.1
OTHERS IN TN	94	9.9

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	928	96.1
B) 26-100	20	2.1
C) 101-250	17	1.8
D) > 250	1	0.1

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	526	99.4
B) VACATION	3	0.6

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	519	98.1
B) 2-5	9	1.7
C) 6-10	1	0.2

FORT LOUDON
RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2008

LAKE=FT. LOUDOUN

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	6278	36.3	0.4	1683	0.1	3.2
02 FEBRUARY	5701	16.4	0.4	935	0.1	2.9
03 MARCH	17609	15.1	1.2	3533	0.2	8.9
04 APRIL	27571	15.5	1.9	5280	0.4	13.9
05 MAY	24033	17.6	1.6	4921	0.3	12.2
06 JUNE	28825	5.7	2.0	6067	0.4	14.6
07 JULY	21771	34.6	1.5	4910	0.3	11.0
08 AUGUST	23151	24.0	1.6	5646	0.4	11.7
09 SEPTEMBER	14072	12.8	1.0	3244	0.2	7.1
10 OCTOBER	14151	20.1	1.0	3216	0.2	7.2
11 NOVEMBER	4988	22.6	0.3	1692	0.1	2.5
12 DECEMBER	9552	31.9	0.7	2279	0.2	4.8
TOTAL	**197702**			**43406**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2008

LAKE=FT. LOUDOUN

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE HAR R
01 JANUARY	4960	59.9	0.79	44.8	1130	51.0	0.18	3
02 FEBRUARY	4048	19.5	0.71	10.3	513	32.1	0.09	2
03 MARCH	24300	24.5	1.38	19.1	4226	70.5	0.24	6
04 APRIL	41081	19.5	1.49	11.7	9926	36.3	0.36	3
05 MAY	34848	21.1	1.45	11.4	4086	53.5	0.17	4
06 JUNE	31419	18.6	1.09	17.6	4036	35.1	0.14	3
07 JULY	23513	45.6	1.08	28.0	2177	36.6	0.10	1
08 AUGUST	22688	25.0	0.98	7.1	2778	43.6	0.12	3
09 SEPTEMBER	18012	18.4	1.28	13.2	3377	41.2	0.24	3
10 OCTOBER	33255	33.0	2.35	25.7	6509	46.2	0.46	4
11 NOVEMBER	4240	38.0	0.85	29.8	499	79.5	0.10	7
12 DECEMBER	8597	38.3	0.90	20.2	2579	48.6	0.27	3
TOTAL	**250961**				**41836**			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=FT. LOUDOUN

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAG WEIGH (LBS)
CARP	287	975.0	0.1	0	0		0.0	0	100.0	
ANY BULLHEAD	490	773.0	0.2	490	0		0.0	0	100.0	
BLUE CATFISH	80	1382.1	0.0	80	0		0.0	0	100.0	
CHANNEL CATFISH	80	1382.1	0.0	80	0		0.0	0	100.0	
WHITE BASS	2511	243.5	1.0	732	159	259.1	0.4	0	93.7	0.85
STRIPED BASS	7149	111.2	2.9	1493	95	411.6	0.2	0	98.7	2.85
CHEROKEE BASS	203	1018.6	0.1	203	0		0.0	0	100.0	
ORANGE SPOTTED SUNFISH	557	517.0	0.2	0	0		0.0	0	100.0	
BLUEGILL	28437	31.1	11.3	18088	4829	31.9	11.5	1916	83.0	0.67
SMALLMOUTH BASS	16377	40.7	6.5	16117	95	282.4	0.2	95	99.4	3.75
SPOTTED BASS	1856	260.1	0.7	1856	0		0.0	0	100.0	
LARGEMOUTH BASS	100039	11.8	39.9	98409	3541	26.9	8.5	3541	96.5	2.44
WHITE CRAPPIE	68082	15.6	27.2	66670	24896	19.6	59.5	24254	63.4	0.90
BLACK CRAPPIE	10338	44.0	4.1	9678	6153	45.3	14.7	5876	40.5	1.13
YELLOW PERCH	69	2155.5	0.0	0	0		0.0	0	100.0	
FRESHWATER DRUM	1141	329.9	0.5	527	0		0.0	0	100.0	

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2008

LAKE=FT. LOUDOUN

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	R H PE
ANY CATFISH	9449	21.1	2246	4.8	0.43	46.4	0.09	
STRIPED BASS	1926	61.5	443	1.0	0.86		0.00	
ANY SUNFISH	5052	32.0	1125	2.6	1.66	58.5	0.42	
ANY BLACK BASS	94694	8.0	20810	47.9	0.97	15.7	0.04	
SMALLMOUTH BASS	536	80.7	119	0.3	0.25		0.00	
ANY CRAPPIE	53849	9.2	11608	27.2	1.42	18.9	0.61	
SAUGER	963	56.9	218	0.5	0.00		0.00	
ANY SPECIES	31102	11.7	6812	15.7	0.74	34.6	0.07	
OTHER	131	137.3	25	0.1	0.00		0.00	
TOTAL	**197702**		**43406**					

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2008

LAKE=FT. LOUDOUN

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	ANY BULLHEAD	0.32	0.00
	ANY CATFISH	0.00	0.00
	BLUE CATFISH	0.05	0.00
	CHANNEL CATFISH	0.05	0.00
ANY SUNFISH			
	ORANGE SPOTTED SUNFISH	0.00	0.00
	BLUEGILL	1.66	0.42
ANY BLACK BASS			
ANY BLACK BASS			
	SMALLMOUTH BASS	0.17	0.00
	SPOTTED BASS	0.02	0.00
	LARGEMOUTH BASS	1.03	0.04
ANY CRAPPIE			
	WHITE CRAPPIE	1.24	0.49
	BLACK CRAPPIE	0.18	0.12

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOUR
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTI

LAKE=FT. LOUDOUN

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVI (NON-TOURN
01 JANUARY	0		0	0.32	8
02 FEBRUARY	22	1.28	2	0.75	12
03 MARCH	32	0.88	3	1.34	21
04 APRIL	34	1.30	12	1.01	32
05 MAY	6	1.58	5	1.15	40
06 JUNE	13	1.41	9	0.89	50
07 JULY	50	0.95	10	0.90	9
08 AUGUST	23	0.88	7	0.89	39
09 SEPTEMBER	0		0	0.80	26
10 OCTOBER	0		0	1.07	19
11 NOVEMBER	0		0	0.75	8
12 DECEMBER	0		0	0.82	11

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2008

LAKE=FT. LOUDOUN

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	38700	10580	49280	24
STRIPED BASS	20780	760	21540	3
ANY SUNFISH	14020	8920	22940	14
ANY BLACK BASS	487630	314860	802490	322
SMALLMOUTH BASS	2840	500	3340	2
ANY CRAPPIE	164360	76510	240870	187
SAUGER	4230	840	5060	4
ANY SPECIES	73740	20950	94690	75
OTHER	300	80	380	1
TOTAL	**806600**	**434000**	**1240590**	**632**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2008

LAKE=FT. LOUDOUN

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	1129	97.4
OTHERS	30	2.6

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
BLOUNT	478	42.5
KNOX	471	41.8
LOUDON	102	9.1
OTHERS IN TN	75	6.7

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	1096	94.8
B) 26-100	30	2.6
C) 101-250	19	1.6
D) > 250	11	1.0

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	620	98.4
B) VACATION	3	0.5
C) BUSINESS	6	1.0
D) OTHER	1	0.2

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	616	97.8
B) 2-5	8	1.3
C) 6-10	5	0.8
D) 11-15	1	0.2

BOONE
RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2008

LAKE=BOONE

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	4122	14.4	0.9	662	0.1	3.0
03 MARCH	19191	27.2	4.2	3319	0.7	13.9
04 APRIL	20389	22.8	4.5	3335	0.7	14.8
05 MAY	23861	29.0	5.3	4347	1.0	17.3
06 JUNE	28273	16.4	6.3	5987	1.3	20.5
07 JULY	22796	24.9	5.0	4562	1.0	16.5
08 AUGUST	19516	13.8	4.3	3837	0.8	14.1
TOTAL	**138148**			**26049**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2008

LAKE=BOONE

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR
01 JANUARY	660	31.4	0.16	28.2	41	52.3	0.01
03 MARCH	20151	32.0	1.05	16.2	3838	29.4	0.20
04 APRIL	9787	27.2	0.48	14.3	612	54.7	0.03
05 MAY	10260	32.4	0.43	14.0	1193	65.3	0.05
06 JUNE	39582	34.2	1.40	29.7	565	56.0	0.02
07 JULY	24392	33.8	1.07	22.1	1140	60.2	0.05
08 AUGUST	13661	22.1	0.70	17.0	976	57.0	0.05
TOTAL	**118493**				**8365**		

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=BOONE

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED
CARP	51	1624.0	0.0	51	0		0.0	0	100.0
BLUE CATFISH	212	1101.1	0.2	106	96	651.3	1.1	0	54.7
CHANNEL CATFISH	1799	163.9	1.5	638	362	76.9	4.3	362	79.9
FLATHEAD CATFISH	306	746.3	0.3	122	190	208.4	2.3	95	37.9
RAINBOW TROUT	245	1055.8	0.2	245	0		0.0	0	100.0
BROWN TROUT	129	990.7	0.1	0	0		0.0	0	100.0
WHITE BASS	542	485.3	0.5	465	0		0.0	0	100.0
STRIPED BASS	7652	58.3	6.5	2870	432	59.9	5.2	299	94.4
CHEROKEE BASS	4618	73.8	3.9	1491	801	90.7	9.6	120	82.7
ROCK BASS	49	2294.6	0.0	0	0		0.0	0	100.0
GREEN SUNFISH	116	1938.8	0.1	116	0		0.0	0	100.0
WARMOUTH	1664	471.3	1.4	756	0		0.0	0	100.0
BLUEGILL	47326	24.4	40.1	34372	2189	47.1	26.2	1866	95.4
SMALLMOUTH BASS	19547	24.5	16.6	17955	706	45.6	8.4	380	96.4
SPOTTED BASS	1128	314.4	1.0	1062	0		0.0	0	100.0
LARGEMOUTH BASS	21202	23.0	18.0	19711	393	58.5	4.7	246	98.1
WHITE CRAPPIE	5769	62.8	4.9	5544	1728	48.9	20.7	1646	70.0
BLACK CRAPPIE	5129	76.4	4.3	4976	1154	79.9	13.8	1099	77.5
BLACKNOSE CRAPPIE	478	269.3	0.4	435	216	290.2	2.6	216	54.8

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2008

LAKE=BOONE

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FO HARVES PER HOU
ANY CATFISH	2421	34.0	493	1.8	0.20	86.5	0.14	141.9
ANY TROUT	118	141.2	23	0.1	0.35		0.00	
ANY TEMPERATE BASS	327	56.3	53	0.2	0.07	114.3	0.00	
STRIPED BASS	10954	16.8	2106	7.9	0.13	79.3	0.02	124.9
CHEROKEE BASS	2300	35.5	452	1.7	0.43	27.4	0.04	104.0
ANY SUNFISH	6985	20.5	1412	5.1	3.09	47.8	0.42	74.6
ANY BLACK BASS	84872	9.8	15903	61.4	0.34	16.3	0.00	145.5
SMALLMOUTH BASS	1127	43.0	199	0.8	0.38	14.9	0.00	
LARGEMOUTH BASS	236	102.9	47	0.2	0.56		0.00	
ANY CRAPPIE	8067	23.8	1391	5.8	1.28	60.1	0.39	66.2
ANY SPECIES	19721	14.4	3766	14.3	0.99	60.5	0.01	106.2
OTHER	1018	51.4	207	0.7	0.00		0.00	
TOTAL	**138146**		**26052**					

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2008

LAKE=BOONE

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	BLUE CATFISH	0.02	0.00
	CHANNEL CATFISH	0.15	0.11
	FLATHEAD CATFISH	0.03	0.03
ANY TROUT			
	RAINBOW TROUT	0.35	0.00
	BROWN TROUT	0.00	0.00
ANY TEMPERATE BASS			
	STRIPED BASS	0.05	0.00
	CHEROKEE BASS	0.02	0.00
ANY SUNFISH			
	GREEN SUNFISH	0.01	0.00
	WARMOUTH	0.07	0.00
	BLUEGILL	3.01	0.42
ANY BLACK BASS			
ANY BLACK BASS			
ANY BLACK BASS			
	SMALLMOUTH BASS	0.21	0.00
	SPOTTED BASS	0.01	0.00
	LARGEMOUTH BASS	0.23	0.00
ANY CRAPPIE			
	WHITE CRAPPIE	0.65	0.22
	BLACK CRAPPIE	0.58	0.14
	BLACKNOSE CRAPPIE	0.05	0.03

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOUR
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTI

LAKE=BOONE

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEW (NON-TOURNAM
01 JANUARY	0		0	0.26	27
03 MARCH	5	0.32	2	0.35	37
04 APRIL	32	0.59	14	0.44	66
05 MAY	48	0.21	18	0.29	44
06 JUNE	7	0.70	6	0.32	60
07 JULY	6	0.20	6	0.37	63
08 AUGUST	8	0.11	5	0.30	45

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2008

LAKE=BOONE

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	5980	7180	13160	9
ANY TROUT	580	470	1050	1
ANY TEMPERATE BASS	770	350	1120	2
STRIPED BASS	42810	35610	78420	48
CHEROKEE BASS	6240	15430	21670	9
ANY SUNFISH	7880	9900	14440	21
ANY BLACK BASS	304620	440360	744980	382
SMALLMOUTH BASS	12160	6030	18000	9
LARGEMOUTH BASS	2360	1180	3550	1
ANY CRAPPIE	20710	28330	49040	36
ANY SPECIES	43020	43370	86390	82
OTHER	1130	1920	3050	4
TOTAL	**448260**	**590130**	**1034870**	**604**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2008

LAKE=BOONE

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	996	85.6
VA	105	9.0
OTHERS	62	5.3

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
CARTER	108	10.8
SULLIVAN	456	45.6
WASHINGTON	342	34.2
OTHERS IN TN	89	8.9
OUT-OF-STATE	4	0.4

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	958	82.3
B) 26-100	173	14.9
C) 101-250	20	1.7
D) > 250	13	1.1

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	644	99.5
B) VACATION	1	0.2
D) OTHER	2	0.3

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	626	96.9
B) 2-5	17	2.6
C) 6-10	3	0.5

WATAUGA
RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2008

LAKE=WATAUGA

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	4925	13.2	0.8	949	0.1	3.4
03 MARCH	11098	29.3	1.7	1967	0.3	7.6
04 APRIL	21775	13.8	3.4	3702	0.6	14.9
05 MAY	32040	18.2	5.0	5332	0.8	22.0
06 JUNE	22048	16.9	3.4	3651	0.6	15.1
07 JULY	32199	25.3	5.0	5852	0.9	22.1
08 AUGUST	21578	22.6	3.4	4056	0.6	14.8
TOTAL	**145663**			**25509**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2008

LAKE=WATAUGA

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR
01 JANUARY	887	34.3	0.18	31.5	443	61.0	0.09
03 MARCH	2775	43.0	0.25	29.7	888	107.8	0.08
04 APRIL	11541	28.6	0.53	25.1	1307	38.9	0.06
05 MAY	20185	28.0	0.63	20.8	2884	34.8	0.09
06 JUNE	11244	21.1	0.51	12.6	2646	25.0	0.12
07 JULY	12236	42.4	0.38	32.8	2898	63.0	0.09
08 AUGUST	22010	47.1	1.02	40.3	5395	69.5	0.25
TOTAL	**80878**				**16461**		

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=WATAUGA

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED
CARP	1035	254.3	1.3	0	0		0.0	0	100.0
BLUE CATFISH	44	854.7	0.1	0	44	854.7	0.3	0	0.0
CHANNEL CATFISH	937	171.5	1.2	441	406	201.9	2.5	232	56.7
FLATHEAD CATFISH	555	332.6	0.7	62	372	330.7	2.3	62	33.0
RAINBOW TROUT	7688	31.5	9.5	7139	5459	37.1	33.2	5362	29.0
BROWN TROUT	53	1306.2	0.1	53	0		0.0	0	100.0
LAKE TROUT	2947	66.5	3.7	648	1908	57.0	11.6	537	35.3
ROCK BASS	1673	144.2	2.1	279	89	212.3	0.5	89	94.7
WARMOUTH	617	483.5	0.8	88	150	723.2	0.9	150	75.7
BLUEGILL	26297	27.7	32.6	18701	1970	63.8	12.0	1478	92.5
LONGEAR SUNFISH	292	605.9	0.4	0	0		0.0	0	100.0
SMALLMOUTH BASS	17396	22.9	21.6	15181	998	62.8	6.1	881	94.3
SPOTTED BASS	10006	41.6	12.4	9937	2755	80.6	16.7	2755	72.5
LARGEMOUTH BASS	8556	36.1	10.6	8088	535	58.9	3.3	494	93.7
BLACKNOSE CRAPPIE	44	854.7	0.1	44	44	854.7	0.3	44	0.0
WALLEYE	2414	105.6	3.0	2153	1729	85.2	10.5	1482	28.4

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2008

LAKE=WATAUGA

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	R H PE
ANY CATFISH	2222	44.8	408	1.5	0.25	42.4	0.13	
RAINBOW TROUT	558	64.0	104	0.4	1.10	16.2	1.01	
ANY TROUT	28146	15.5	4973	19.3	0.23	29.9	0.16	
LAKE TROUT	5397	25.5	935	3.7	0.13	75.7	0.12	
ANY SUNFISH	5821	29.6	1058	4.0	2.41	64.6	0.46	
ANY BLACK BASS	62941	9.9	10882	43.2	0.37	22.5	0.05	
SMALLMOUTH BASS	1126	30.1	217	0.8	0.15	48.2	0.12	
LARGEMOUTH BASS	360	106.0	63	0.2	0.11		0.00	
ANY CRAPPIE	1821	43.1	309	1.3	0.04	141.2	0.04	
WALLEYE	13148	18.3	2291	9.0	0.09	55.7	0.07	
ANY SPECIES	23505	15.1	4166	16.1	0.50	75.8	0.04	
OTHER	621	73.6	103	0.4	0.00		0.00	
TOTAL	**145666**		**25509**					

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2008

LAKE=WATAUGA

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	BLUE CATFISH	0.00	0.00
	CHANNEL CATFISH	0.22	0.10
	FLATHEAD CATFISH	0.03	0.03
ANY TROUT			
	RAINBOW TROUT	0.23	0.16
	ANY TROUT	0.00	0.00
	BROWN TROUT	0.00	0.00
ANY SUNFISH			
	WARMOUTH	0.01	0.04
	BLUEGILL	2.40	0.42
	LONGEAR SUNFISH	0.00	0.00
ANY BLACK BASS			
ANY BLACK BASS			
ANY BLACK BASS			
	SMALLMOUTH BASS	0.24	0.01
	SPOTTED BASS	0.15	0.04
	LARGEMOUTH BASS	0.13	0.01
ANY CRAPPIE			
	BLACKNOSE CRAPPIE	0.04	0.04

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOUR
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTI

LAKE=WATAUGA

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEW (NON-TOURNAM
01 JANUARY	0		0	0.18	23
03 MARCH	62	0.25	7	0.20	13
04 APRIL	19	0.31	12	0.47	41
05 MAY	16	0.41	8	0.38	54
06 JUNE	0		0	0.53	25
07 JULY	0		0	0.21	22
08 AUGUST	0		0	0.44	17

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2008

LAKE=WATAUGA

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	4060	4890	8680	5
RAINBOW TROUT	720	1070	1790	6
ANY TROUT	64770	153220	217990	78
LAKE TROUT	25730	16030	39050	18
ANY SUNFISH	21080	18130	39210	15
ANY BLACK BASS	254040	300080	554120	210
SMALLMOUTH BASS	1080	1080	2170	10
LARGEMOUTH BASS	4320	900	3610	2
ANY CRAPPIE	2080	4590	6670	6
WALLEYE	47990	45310	93290	46
ANY SPECIES	51000	46250	97250	52
OTHER	500	1180	1680	2
TOTAL	**477370**	**592730**	**1065510**	**450**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2008

LAKE=WATAUGA

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
NC	99	10.8
TN	768	83.8
OTHERS	50	5.5

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
CARTER	437	57.0
JOHNSON	137	17.9
SULLIVAN	43	5.6
WASHINGTON	81	10.6
OTHERS IN TN	67	8.7
OUT-OF-STATE	1	0.1

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	620	67.5
B) 26-100	274	29.8
C) 101-250	12	1.3
D) > 250	13	1.4

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	448	98.5
B) VACATION	7	1.5

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	430	94.7
B) 2-5	21	4.6
C) 6-10	3	0.7

Appendix I

Field Data Collection Forms

Tennessee Wildlife Resources Agency
Reservoir Angler Count

1. Calendar Date____/____/____
   mm dd yy

2. Day Period: am or pm (Circle One)

3. Reservoir _____ (Code)

4. Area _____

5. Clerk ID _____ (TWRA Radio Numbers)

6. Survey Method: Roving or Access Point (Circle)

7. Count of Bank Anglers _____

8. Count of Boat Anglers _____

9. Comments _____

_____

_____

_____

_____

_____

_____

_____

_____

Form No. WR-0795 (Rev. 11-00)
RDA 1455

Tennessee Wildlife Resources Agency
Reservoir Angler Survey

(Questions in bold represent angler contact questions)

1. Calendar Date____/____/_____ 2. Reservoir _____ (Code) 3. Area _____
mm dd yy

4. Angler Type: Bank or Boat (Circle) **5. Hours Fished ____.____**

6. How many more hours do you plan to fish today? ____.___ (indicate completed trip with a zero)

7. Party Size ____ (No. of anglers)

8. Principal Species Fished For: (Circle One)
997=any species, 370=crappie, 360=black bass, 364=LM bass, 362=SM bass, 363=SP bass, 345=sunfish, 238=catfish, 492=walleye, 491=sauger, 493 =saugeye, 282=trout, 287=lake trout, 279=rainbow trout, 284=brown trout, 325=temperate bass, 328=striped bass, 326=white bass, 329=cherokee bass, 268=musky, 16=other

Fish Harvest Information (for party):

Species Code	No. Harvested	Bulk Weight (lbs.)	No. Released
		.	
		.	
		.	
		.	
		.	
		.	

Economic Section

9. State of Residence _____ (Code) **10. County of Residence** _____ (Code)

11. Miles from Home to Lake ____ (1 = 0-25 mi., 2 = 26-100 mi., 3 = 101-250 mi., 4 = over 250 mi.)

12. Reason for Trip ____ (1 = Fishing, 2 = Vacation, 3 = Business, 4 = Other)

13. No. of days in Trip _____

Clerk: *"I would now like to ask you some questions about the value of your fishing trip. It is important to the TWRA to estimate the value of reservoir sportfisheries. The next two questions will be used only to calculate this economic estimate."*

14. How much money will you spend on today's fishing trip for things like gas, food, bait, lodging, guides, etc.? $_____

15. How much more than $*value above* **would you be willing to pay to fish here per day, if for example, it just kept getting more and more expensive to make this trip?** $_____

Tournament Section

16. Was the angler(s) fishing in a tournament during the interview? Yes_____ No_____

Form No. WR-0794 (Rev. 12-01)
RDA 1455

NUMBERS OF ROE-FISH HARVESTED BY COMMERCIAL FISHERS
CHICKAMAUGA RESERVOIR 2007 TO DEC 2009

---------- Report Year=2007 ----------

NUMBER OF PADDLEFISH HARVESTED	NUMBER OF STURGEON HARVESTED	NUMBER OF BOWFIN HARVESTED
35	0	0

---------- Report Year=2008 ----------

NUMBER OF PADDLEFISH HARVESTED	NUMBER OF STURGEON HARVESTED	NUMBER OF BOWFIN HARVESTED
166	0	0

---------- Report Year=2009 ----------

NUMBER OF PADDLEFISH HARVESTED	NUMBER OF STURGEON HARVESTED	NUMBER OF BOWFIN HARVESTED
74	0	0

TOTAL POUNDS OF ROE-FISH FLESH AND EGGS HARVESTED AND SOLD
BY COMMERCIAL ANGLERS FROM 2007 THROUGH DEC 2009
FROM CHICKAMAUGA RESERVOIR

---------- Report Year=2007 ----------

Species	POUNDS OF FLESH	POUNDS OF EGGS
Paddlefish	136	119.11

---------- Report Year=2008 ----------

Species	POUNDS OF FLESH	POUNDS OF EGGS
Paddlefish	1339	208.36

---------- Report Year=2009 ----------

Species	POUNDS OF FLESH	POUNDS OF EGGS
Paddlefish	874	90.79

NUMBERS OF ROE-FISH HARVESTED BY COMMERCIAL FISHERS
WATTS BAR RESERVOIR NOV 2007 TO DEC 2009

---------- Report Year=2007 ----------

NUMBER OF PADDLEFISH HARVESTED	NUMBER OF STURGEON HARVESTED	NUMBER OF BOWFIN HARVESTED
1	0	0

---------- Report Year=2008 ----------

NUMBER OF PADDLEFISH HARVESTED	NUMBER OF STURGEON HARVESTED	NUMBER OF BOWFIN HARVESTED
0	0	0

---------- Report Year=2009 ----------

NUMBER OF PADDLEFISH HARVESTED	NUMBER OF STURGEON HARVESTED	NUMBER OF BOWFIN HARVESTED
0	0	0

TOTAL POUNDS OF ROE-FISH FLESH AND EGGS HARVESTED AND SOLD
BY COMMERCIAL ANGLERS FROM 2007 THROUGH DEC 2009
FROM WATTS BAR RESERVOIR

---------- Report Year=2007 ----------

Species	POUNDS OF FLESH	POUNDS OF EGGS
Paddlefish	0	6.22

---------- Report Year=2008 ----------

No Records

---------- Report Year=2009 ----------

No Records

Chickamauga 2008

Species	SumOfPounds	Report Year	Waterbody
Bighead / Silver Carp	331	2008	76
Blue or Channel Catfish	147104	2008	76
Buffalo Fish	14641	2008	76
Catfish	1289	2008	76
Common Carp	2536	2008	76
Flathead Catfish	2806	2008	76
Freshwater Drum	6674	2008	76
Gar	67	2008	76
Shad (skipjack herring)	317	2008	76
Snapping Turtles	70	2008	76
Yellow Bass	10	2008	76

Chickamauga 2009

Species	SumOfPounds	Report Year	Waterbody
Bighead / Silver Carp	63	2009	76
Blue or Channel Catfish	244035	2009	76
Buffalo Fish	5525	2009	76
Catfish	13814	2009	76
Common Carp	3944	2009	76
Flathead Catfish	9132	2009	76
Freshwater Drum	7456	2009	76
Gar	881	2009	76
Snapping Turtles	349	2009	76

Watts Bar 2008

Species	SumOfPounds	Report Year	Waterbody
Shad (skipjack herring)	27	2008	77

Watts Bar 2009

Species	SumOfPounds	Report Year	Waterbody

*No non-roe commercial fish recorded in 2009

Final Report

Tennessee Reservoir Creel Survey

2007 Results

Prepared By:

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April 2008

Program Overview

This document provides a summary of data collected by Tennessee Wildlife Resource Agency (TWRA) personnel for the statewide reservoir angler creel survey for the 2007 calendar year. Creel surveys were used to assess the fisheries of 18 reservoirs throughout Tennessee using two basic sampling methods; roving and access point. This overview contains descriptions of: 1) survey designs, 2) sampling methodologies, and 3) analytical methods. Each description is divided into roving and access point surveys. The roving survey descriptions give a more thorough account of the methodology; access point survey descriptions only list methods that differed from roving surveys. The roving and access point creel survey designs were adopted from methods described by Malvestuto et al. (1978), Malvestuto (1996) and St. John (1992). The intention of this narrative is to provide readers with a brief overview of the statistical sampling framework.

Survey Designs

Creel clerks conducted surveys on 18 reservoirs with active, on-site methods whereby anglers were interviewed either during, or immediately following, fishing trips. Fishery-dependent information collected included: angler effort, trip duration, target preferences, catch, harvest, release, demographic measures, economic values and individual status as a tournament angler. Seventeen of the reservoirs were sampled using roving creel survey designs while one of the reservoirs (Woods) was sampled with access point creel survey methods.

(Roving Surveys)

The roving survey method used non-uniform probability, stratified random sampling to maximize sampling efficiency and minimize bias. Each reservoir was divided into a number of sections. The area of a section was originally defined by the ability of a creel clerk to complete a circuit in about 1 to 1.5 hours. Each area within a reservoir was assigned a sampling probability based on expected angler use within each of 12 monthly time blocks. The sum of the area probabilities equaled 1.0. The fishing day was defined as the period of time from sunrise to sunset. Fishing days were divided into two sampling periods in which the period from sunrise to sunset was divided into two roughly equal periods. Sampling periods also were assigned probabilities based on expected angler use within each month, and these summed to 1.0. Sampled days were divided into two strata (weekend days and weekday days) to homogenize the distributions of angler occurrence, assuming that anglers would be more abundant during weekend samples when a greater proportion of the angling population would be expected to have more time for recreation.

Random work schedules were created prior to the beginning of the 2007 survey year. Within any given month, a predetermined number of days was allocated to each day-type (weekend and weekday). Calendar days then were randomly chosen each month for each day-type. Within each sample day, secondary sampling units consisted of all the possible combinations of time periods (2) and lake sections. Probabilities for secondary sample units were derived by multiplying the time period probability by the lake section probability. Secondary sampling unit probabilities summed to 1.0 for any given lake. One secondary sampling unit was randomly chosen each day; that is to say, each sample day, creel clerks worked one ½-day period within a single, pre-defined lake section.

(Access Point Surveys)

Although the sampling methodology for the access point creel surveys differed from the roving surveys, the framework used to determine the sampling designs was basically the same. The one exception was the substitution of angler access points (boat ramps) for reservoir areas. The secondary sample units comprised all combinations of access points and time periods, and the secondary sampling unit probabilities summed to 1.0. During each sample day, creel clerks worked one ½-day period at a single access point.

Sample Methodology

(Roving Surveys)

Creel clerks collected data during the scheduled work periods described previously. A roving creel survey sample consisted of two parts: angler counts and angler interviews. Daily counts of anglers were taken within the sample period by making a circuit of the lake concurrently with interviews during a single circuit of the lake section within a ½-day sampling period (count-as-you-go method). The count-as-you-go method required that check stations be established at ¼-way points on the route to enable clerks to stay on schedule and finish the single circuit during the allotted time. Travel direction was randomly determined by coin toss. All anglers fishing from either boats or from the shore were counted.

Creel clerks interviewed as many anglers as possible during a sample period. If there were more anglers than could be interviewed, then angling parties were systematically skipped to ensure that interviews were collected throughout the entire reservoir section in the allotted time.

Upon approaching anglers, creel clerks recorded information, which did not require interrupting fishing, including date, reservoir, sample area, fishing from the bank or a boat, and the number of anglers in the fishing party. When the clerk reached the angler or angling group, he asked if they would mind spending a few moments answering questions related to the fishing trip. If anglers did not wish to be interrupted, then the creel clerk moved on. If anglers did not mind responding to the interview, then the clerk asked how long they had been fishing, how much longer they expected to fish, what their primary target species was, what state and county they were from, the distance they traveled from home, the reason for the trip, the number of days in the trip, dollar amount of trip expenditures, and the additional amount of money they would be willing to spend if daily expenditures were to increase. The anglers were also categorized as a tournament (actively fishing in a tournament at the time of the interview) or a non-tournament angler. The creel clerk counted all fish harvested and recorded the bulk weight of each harvested species. Anglers were also asked how many of each species had been released. Each respondent's answers were recorded on pre-printed survey forms using TWRA survey codes. Since anglers were interviewed before completing their fishing trips with roving surveys, interview data from roving surveys were based on uncompleted fishing trips.

(Access Point Surveys)

Access point surveys differed from roving creel surveys in that anglers were not interviewed until they had finished fishing and were leaving the water at an access site. Thus, interview data from access point surveys were based on competed fishing trips. During any given ½-day sampling period, the creel clerk waited at a boat ramp and interviewed anglers as they left using the same interview format as used for roving surveys. All anglers leaving access sites were counted and as many as possible were interviewed.

Analytical Methods

Creel surveys conducted by TWRA used randomized sampling designs which, taken alone, only provide information about small portions of each reservoir fishery. To provide meaningful estimates about the populations from which the samples were drawn, the sample values must be expanded over space and time. The following narrative describes the calculations for these data expansions for any given reservoir. To assess the efficiency of the sampling effort and the variability of the estimates, relative standard errors (RSE) were calculated where possible. The RSE is the standard error (se) of an estimated value (y), expressed as a percentage of that value, or RSE = (se/y) x 100. Mathematical formulas for the following estimates were given by Malvestuto et al. (1978).

(Roving Surveys)

Fishing Effort

Estimates of fishing effort were calculated using daily angler counts and the number of hours within a sample period. Thus, for any given sampling period, fishing effort measured in angler-hours (e) was calculated as the product of the total angler count (c) and the number of hours assigned to the sampling period (h), or e = c(h). This value estimates total angler-hours for a single lake section within a single time period, which must be expanded to an estimate of angler-hours for the entire lake for the whole day. This expansion is accomplished by dividing e by the probability for the secondary sampling unit (time period/lake section) worked that day. For example, if the time period probability was 0.5 and the lake section probability was 0.4, then the secondary sampling unit probability is 0.5 x 0.4, or 0.20, so an estimate of e=100 angler-hours for a given secondary unit would be expanded to 100/0.2 or 100 x 5 = 500 angler-hours for the whole lake for that entire day (E).

To derive estimates of total monthly fishing effort, means were taken across the daily values of E within each day-type stratum each month. These two daily mean values of fishing effort (one for weekends and one for weekdays) were weighted by the proportional number of those day types within each month (e.g. weekend weight = no. weekend-days/ total days in month), and then summed to provide a mean daily estimate of fishing effort for the month. This mean daily value then was multiplied by the total number of days in the month to give total monthly effort for the entire lake (T). Intended monthly fishing effort for a given species, or species group, was computed as the proportion of interviewed anglers fishing for that group times total monthly fishing effort. So, for example, if 25% of the anglers interviewed were fishing for black bass, the monthly-intended fishing effort for black bass would be 0.25(T).

Catch Rates (CPE, HPE and RPE)

Catch-per-unit-effort or CPE = the number of fish caught per hour, which includes fish harvested plus fish released back into the water. For roving creel surveys, CPE values are based on the number of fish caught by anglers at the time of interview (uncompleted fishing trips). For the following description, release or harvest values may be substituted for catch values to derive release per angler-hour, RPE, or harvest per angler-hour, HPE.

For each interview on a given sample day, the total number of fish caught by all anglers in the fishing party (n) was divided by the total time all anglers in the party had spent fishing (f) up to the point they were interviewed. These individual party CPE values (n/f) then were averaged to provide a daily CPE. A mean was taken across the daily CPE values within each day-type stratum, and then these weekday and weekend means were weighted and summed (as described for daily fishing effort above) to give a mean daily CPE for the month. This mean daily value is representative of the month as a whole, and becomes the monthly CPE estimate for all species combined.

Catch, Harvest and Release

Total daily catch for an entire reservoir (C) was calculated by multiplying the total daily effort (E) by the daily CPE estimate. The same process was applied to release and harvest data to derive total daily release (R) and total daily harvest (H). The daily total catch values were used to calculate a mean daily catch within each day-type stratum each month. The mean daily catch values for weekdays and weekends were weighted and summed across day types, as done for effort and CPE above, to derive a mean daily catch for the month. This mean daily value then was multiplied by the number of days in the month (as done for fishing effort) to estimate total monthly catch (M).

Estimates of catch for individual species were calculated from the percent composition of individual species recorded during interviews. For example, if a given species accounted for 40% of the total number of fish recorded during any given month, then the total monthly catch for that species would be 0.4(M).

Intended Species Catch Rates

Catch rates (CPE, RPE and HPE) for anglers targeting certain species were calculated based on interviews of anglers who intended to catch those species. For computations, interviews from anglers intending to catch various species were grouped. Catch rates for intended species were calculated for each interview by summing the number of fish caught of that species and dividing by fishing effort for all anglers in the party. A mean CPE then was taken across interviews within intended species categories to provide the intended species catch rates.

Caution should be exercised when interpreting these data since many of the target species groups were general categories (e.g. black bass, crappie) while other valid responses were more specific (e.g. largemouth bass, smallmouth bass). Anglers were asked to be as specific as possible with regard to their target species, but often no discrimination was made between individual species within general groups. For example, calculations made for black bass only include data taken from anglers who stated black bass to be their target species group. The black bass category does not include values from anglers who specified they were fishing for largemouth bass or smallmouth bass. Calculations for these species are presented within their own categories. To obtain a true estimate of effort for black bass, all categories for black bass species, including the general category, must be summed (i.e. true total black bass effort = black bass effort + largemouth bass effort + smallmouth bass effort). The CPE estimates for intended species, however, are not additive since each estimate is based on a different value of intended fishing effort in the denominator, i.e., the fractions do not have a common denominator as they stand.

Relative Species Catch Rates

Relative catch rates are the proportional catch rates of individual species within the general intended species groups. These rates were computed by multiplying the intended catch rate for a given species group by the proportion of relevant species recorded in the creel. So, for example, if the intended catch rate for crappie is 1.8 fish/h, and black crappie represented 25% of the crappie in the creel and white crappie represented the remaining 75%, then the intended rate of 1.8 was partitioned into 1.8(.25) = 0.45 for black crappie and 1.8(.75) = 1.35 for white crappie. These relations do not hold for black bass, however, because there were usually more than one black bass intended catch rate (e.g., general black bass, largemouth bass, smallmouth bass, etc.), so there was no single rate to partition. The intended rates are not additive, as explained above, so the sum of the intended rates cannot serve as the single rate for black bass to be partitioned. So, the relative CPE values for black bass species were computed by generating a new total black bass catch rate by summing the monthly total catches of all black bass species in the numerator, and dividing by the sum of total monthly-intended fishing effort for all black bass in the denominator. This value then was partitioned by the proportion of each black bass species recorded in the creel. Although the species relative catch rates for black bass sum to this new total rate, the new rate is not a pure intended catch rate and thus is not reported elsewhere in the report. In summary, relative catch rates basically reflect the species composition of the catch within intended species groups, and thus do not represent true catch rates for those individual species, as do the intended rates.

Economic Values

Anglers were asked to give estimates of daily trip expenditures for items, which included fuel, food, bait, lodging and guides fees. They were also asked how much additional money they would be willing to spend if daily trip costs were to increase in the future. This value is anglers' willingness to pay above actual costs, and represents anglers' consumer surplus. Consumer surplus is equivalent to the amount of money that anglers would be willing to spend for the opportunity to fish a given resource, over-and-above what they actually have to spend. This amount of money is the theoretical profit associated with the fishery, as if it were privately owned. This value is necessary to compute so that the profit associated with recreational fisheries in Tennessee can be compared to other more traditional industries. Money spent for trip preparation and travel to the reservoirs (fuel, food, bait, etc.) is funneled into other business that provide goods and services enabling anglers to go fishing; this money, in turn, employs people in these business, and is re-cycled in the local economies, generating more goods, services and profits. Both components of economic value, trip expenditures and consumer surplus, sum to provide an estimate of total angler-oriented value.

Total monthly estimates of trip expenditures and consumer surplus were computed by multiplying the median dollar values per trip by the total number of angler-trips estimated for the month. This was first done for each intended species group and then the intended species values were summed to give the total monthly economic estimates. Median trip values for the economic responses were used because frequency distributions of expenditures per trip and consumer surplus per trip were skewed to the left, such that means were generally higher than medians, and thus the more conservative median values were used in the computations.

Tournament Status

Beginning in 2002, all anglers were asked if they were actively fishing in a tournament at the time of the interview. Each interview record was coded as yes (tournament fishing), or no (not tournament fishing). Analyses involving tournament angling were restricted to those individuals targeting black basses. Black bass Catch rates (CPE) were calculated for tournament anglers as well as non tournament angler. For comparison, percent of black bass effort and catch rates for by angler type were printed in tables at the end of each reservoir section in the report

(Access Point Surveys)

This section only describes estimates, which differ in computation from the roving survey methods. These differences include estimating fishing effort and catch rates. All other estimates were calculated the same way for the two survey techniques.

Fishing Effort

The standard difference between roving and access point surveys with respect to derivation of fishing effort is how angler-hours for the sample period are estimated. For roving surveys as described above, sample period effort is estimated as the angler count times the number of hours in the sample period. For access point surveys, however, angler-hours for the sample period is simply the sum of angler-hours recorded from completed trip interviews at the access point. This assumes that all anglers who exited the site were interviewed. If all anglers could not be interviewed upon exit, then angler-hours for the sample period were estimated as the mean completed trip time computed from interviews, times the total number of anglers who exited the site. Once sample period effort is computed, the computational techniques for access point surveys followed those outlined above for roving surveys.

In 2007, Woods Reservoir was sampled using the access point survey method. To maximize work time efficiency during the initial year, only the major access sites were sampled. In order to expand the daily ramp effort to lake wide totals, monthly area probabilites were estimated based on boat trailer counts that were measured from all ramps on every scheduled sample day. These probablilties were used to obtain the monthly area probability for the sampled ramp which was used to exand the local effort lake wide during the monthly time blocks. This differed from the roving surveys which had fixed probabilities prior to the sample year and were used to schedule the sampling effort.

Catch Rates

Catch rates from roving surveys should be computed differently than catch rates from access point surveys. This is because catch rate data are based on uncompleted trips from roving surveys. If trip data is not complete, then it is appropriate to compute a catch rate for each interview and then take a mean of these rates within any given day to provide a daily catch rate. This is the method described above for computation of catch rates from roving surveys. This method gives each interview equal weighting regardless of how long the anglers were fishing. Equal weighting is appropriate because the final length of the trip is not known. However, if the completed trip length is known as with access point surveys, then catch rate is computed as the sum of catch across interviews (numerator) divided by the sum of effort across interviews (denominator). This provides a single total ratio estimate of CPE, which is equivalent to weighting each interview catch rate by the time spent fishing. This weighting is appropriate because the total fishing trip is represented in the data.

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Table of Contents

Statewide

Page

Statewide Angling Effort for All Anglers, by Lake – 2007 …… 7
Statewide Angling Effort for Intended Species – 2007 …… 8
Statewide Catch Statistics for All Anglers, By Lake – 2007 …… 9
Statewide Fishing Effort and Catch Rates, by Lake, for Intended Species – 2007 …… 10
Statewide Summary of Trip Expenditures and Consumer Surplus, by Lake - 2007 …… 24
Statewide Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2007 …… 25

TWRA Region I

Kentucky Reservoir

Monthly Angling Effort for All Anglers – 2007 …… 28
Monthly Catch Statistics for All Anglers – 2007 …… 29
Summary of Species Catch Statistics – 2007 …… 30
Summary of Fishing Effort and Catch Rates for Intended Species – 2007 …… 31
Summary of Relative Species Catch Rates Within Target Groups - 2007 …… 32
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 33
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2007 …… 34
Summary of Sociological Questions - 2007 …… 35

Kentucky 1 - North Reservoir

Monthly Angling Effort for All Anglers – 2007 …… 37
Monthly Catch Statistics for All Anglers – 2007 …… 38
Summary of Species Catch Statistics – 2007 …… 39
Summary of Fishing Effort and Catch Rates for Intended Species – 2007 …… 40
Summary of Relative Species Catch Rates Within Target Groups - 2007 …… 41
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 42
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2007 …… 43
Summary of Sociological Questions - 2007 …… 44

Kentucky 2 - South Reservoir

Monthly Angling Effort for All Anglers – 2007 …… 46
Monthly Catch Statistics for All Anglers – 2007 …… 47
Summary of Species Catch Statistics – 2007 …… 48
Summary of Fishing Effort and Catch Rates for Intended Species – 2007 …… 49
Summary of Relative Species Catch Rates Within Target Groups - 2006 …… 50
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 51
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2007 …… 52
Summary of Sociological Questions - 2007 …… 53

Barkley Reservoir

Monthly Angling Effort for All Anglers – 2007 …… 55
Monthly Catch Statistics for All Anglers – 2007 …… 56
Summary of Species Catch Statistics – 2007 …… 57
Summary of Fishing Effort and Catch Rates for Intended Species – 2007 …… 58
Summary of Relative Species Catch Rates Within Target Groups - 2007 …… 59
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 60
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2007 …… 61
Summary of Sociological Questions - 2007 …… 62

Pickwick Reservoir

Monthly Angling Effort for All Anglers – 2007 …… 64
Monthly Catch Statistics for All Anglers – 2007 …… 65
Summary of Species Catch Statistics – 2007 …… 66
Summary of Fishing Effort and Catch Rates for Intended Species – 2007 …… 67
Summary of Relative Species Catch Rates Within Target Groups - 2007 …… 68
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 69
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2007 …… 70
Summary of Sociological Questions - 2007 …… 71

Reelfoot Lake

Monthly Angling Effort for All Anglers – 2007 ……..……..……..……... 73
Monthly Catch Statistics for All Anglers – 2007 ……..……..…..……..……..... 74
Summary of Species Catch Statistics – 2007 ……..……..…….…… 75
Summary of Fishing Effort and Catch Rates for Intended Species – 2007 …….…….…… 76
Summary of Relative Species Catch Rates Within Target Groups - 2007 ……..…… 77
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 78
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2007 …… 79
Summary of Sociological Questions - 2007 ……....……..……..…… 80

TWRA Region II

Tims Ford Reservoir

Monthly Angling Effort for All Anglers – 2007 ……..……..……..……... 83
Monthly Catch Statistics for All Anglers – 2007 ……..……..…..……..……..... 84
Summary of Species Catch Statistics – 2007 ……..……..…….…… 85
Summary of Fishing Effort and Catch Rates for Intended Species – 2007 …….…….…… 86
Summary of Relative Species Catch Rates Within Target Groups - 2007 ……..…… 87
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 88
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2007 …… 89
Summary of Sociological Questions - 2007 ……....……..……..…… 90

Woods Reservoir

Monthly Angling Effort for All Anglers – 2007 ……..……..……..……... 92
Monthly Catch Statistics for All Anglers – 2007 ……..……..…..……..……..... 93
Summary of Species Catch Statistics – 2007 ……..……..…….…… 94
Summary of Fishing Effort and Catch Rates for Intended Species – 2007 …….…….…… 95
Summary of Relative Species Catch Rates Within Target Groups - 2007 ……..…… 96
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 97
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2007 …… 98
Summary of Sociological Questions - 2007 ……....……..……..…… 99

Percy Priest Reservoir

Monthly Angling Effort for All Anglers – 2007 ……..……..……..……... 101
Monthly Catch Statistics for All Anglers – 2007 ……..……..…..……..……..... 102
Summary of Species Catch Statistics – 2007 ……..……..…….…… 103
Summary of Fishing Effort and Catch Rates for Intended Species – 2007 …….…….…… 104
Summary of Relative Species Catch Rates Within Target Groups - 2007 ……..…… 105
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 106
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2007 …… 107
Summary of Sociological Questions - 2007 ……....……..……..…… 108

Old Hickory Reservoir

Monthly Angling Effort for All Anglers – 2007 ……..……..……..……... 110
Monthly Catch Statistics for All Anglers – 2007 ……..……..…..……..……..... 111
Summary of Species Catch Statistics – 2007 ……..……..…….…… 112
Summary of Fishing Effort and Catch Rates for Intended Species – 2007 …….…….…… 113
Summary of Relative Species Catch Rates Within Target Groups - 2007 ……..…… 114
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 115
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2007 …… 116
Summary of Sociological Questions - 2007 ……....……..……..…… 117

TWRA Region III

Center Hill Reservoir

Monthly Angling Effort for All Anglers – 2007 ……..……..……..……... 120
Monthly Catch Statistics for All Anglers – 2007 ……..……..…..……..……..... 121
Summary of Species Catch Statistics – 2007 ……..……..…….…… 122
Summary of Fishing Effort and Catch Rates for Intended Species – 2007 …….……..…… 123
Summary of Relative Species Catch Rates Within Target Groups - 2007 ……...…… 124
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 125
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2007 …… 126
Summary of Sociological Questions - 2007 ……....……..……..…… 127

Chickamauga Reservoir

Monthly Angling Effort for All Anglers – 2007 ……..……..……..……... 129
Monthly Catch Statistics for All Anglers – 2007 ……..……..…..……..……..... 130
Summary of Species Catch Statistics – 2007……..……..…….…… 131
Summary of Fishing Effort and Catch Rates for Intended Species – 2007 …….……..…… 132
Summary of Relative Species Catch Rates Within Target Groups - 2007 ……...…… 133
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 134
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2007 …… 135
Summary of Sociological Questions - 2007 ……....……..……..…… 136

Watts Bar Reservoir

Monthly Angling Effort for All Anglers – 2007 ……..……..……..……... 138
Monthly Catch Statistics for All Anglers – 2007 ……..……..…..……..……..... 139
Summary of Species Catch Statistics – 2007 ……..……..…….…… 140
Summary of Fishing Effort and Catch Rates for Intended Species – 2007 …….……..…… 141
Summary of Relative Species Catch Rates Within Target Groups - 2007 ……...…… 142
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 143
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2007 …… 144
Summary of Sociological Questions - 2007 ……....……..……..…… 145

Dale Hollow Reservoir

Monthly Angling Effort for All Anglers – 2007 ……..……..……..……... 147
Monthly Catch Statistics for All Anglers – 2007 ……..……..…..……..……..... 148
Summary of Species Catch Statistics – 2007 ……..……..…….…… 149
Summary of Fishing Effort and Catch Rates for Intended Species – 2007 ……..……..…… 150
Summary of Relative Species Catch Rates Within Target Groups - 2007 ……...…… 151
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 152
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2007 …… 153
Summary of Sociological Questions - 2007 ……....……..……..…… 154

TWRA Region IV

Norris Reservoir

Monthly Angling Effort for All Anglers – 2007……..……..……..……... 157
Monthly Catch Statistics for All Anglers – 2007 ……..……..…..……..……..... 158
Summary of Species Catch Statistics – 2007 …....……..……..…… 159
Summary of Fishing Effort and Catch Rates for Intended Species – 2007 …….……..…… 160
Summary of Relative Species Catch Rates Within Target Groups - 2007 ……...…… 161
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 162
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2007 …… 163
Summary of Sociological Questions - 2007 ……....……..……..…… 164

Douglas Reservoir

Monthly Angling Effort for All Anglers – 2007 ……..……..……..……... 166
Monthly Catch Statistics for All Anglers – 2007 ……..……..…..……..……..... 167
Summary of Species Catch Statistics – 2007 ……..……..…….…… 168
Summary of Fishing Effort and Catch Rates for Intended Species – 2007 …….……..…… 169
Summary of Relative Species Catch Rates Within Target Groups - 2007 ……...…… 170
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 171
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2007 …… 172
Summary of Sociological Questions - 2007 ……....……..……..…… 173

Melton Hill Reservoir

Monthly Angling Effort for All Anglers – 2007 175
Monthly Catch Statistics for All Anglers – 2007 176
Summary of Species Catch Statistics – 2007 177
Summary of Fishing Effort and Catch Rates for Intended Species – 2007 178
Summary of Relative Species Catch Rates Within Target Groups - 2007 179
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 180
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2007 181
Summary of Sociological Questions - 2007 182

Tellico Reservoir

Monthly Angling Effort for All Anglers – 2007 184
Monthly Catch Statistics for All Anglers – 2007..... 185
Summary of Species Catch Statistics – 2007 186
Summary of Fishing Effort and Catch Rates for Intended Species – 2007 187
Summary of Relative Species Catch Rates Within Target Groups - 2007 188
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 189
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2007 190
Summary of Sociological Questions - 2007 191

Boone Reservoir

Monthly Angling Effort for All Anglers – 2007 193
Monthly Catch Statistics for All Anglers – 2007 194
Summary of Species Catch Statistics – 2007 195
Summary of Fishing Effort and Catch Rates for Intended Species – 2007 196
Summary of Relative Species Catch Rates Within Target Groups - 2007 197
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 198
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2007 199
Summary of Sociological Questions - 2007 200

South Holston Reservoir

Monthly Angling Effort for All Anglers – 2007 202
Monthly Catch Statistics for All Anglers – 2007 203
Summary of Species Catch Statistics – 2007..... 204
Summary of Fishing Effort and Catch Rates for Intended Species – 2007 205
Summary of Relative Species Catch Rates Within Target Groups - 2007 206
Comparison of Black Bass Catch Rates (# Fish/h) Between Tournament and Non-Tournament Anglers.. 207
Summary of Trip Expenditures and Consumer Surplus for Intended Species - 2007 208
Summary of Sociological Questions - 2007 209

Appendix I. - Field Data Collection Forms..... 210

STATEWIDE

STATEWIDE ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
NORRIS	334986	7.6	9.9	65536	1.9	4.8
WOODS	50715	17.0	13.8	10992	3.0	0.7
DALE HOLLOW	380868	7.4	16.5	61059	2.6	5.4
REELFOOT	455246	11.1	43.7	62521	5.9	6.5
TIMS FORD	80673	6.6	7.6	15238	1.5	1.1
BARKLEY	138072	12.7	7.5	22518	1.3	2.0
CENTER HILL	277219	8.7	15.2	52084	2.8	3.9
SOUTH HOLSTON	121926	5.5	19.2	18866	3.1	1.7
PERCY PRIEST	681397	5.4	48.0	145614	10.3	9.7
OLD HICKORY	1013566	6.3	44.9	218081	9.6	14.4
MELTON HILL	74185	7.7	13.0	19043	3.3	1.1
DOUGLAS	567005	6.2	18.5	109325	3.4	8.1
TELLICO	190446	8.6	11.9	42109	2.7	2.7
BOONE	84098	3.9	18.6	13022	2.9	1.2
CHICKAMAUGA	546093	14.8	15.6	86785	2.6	7.8
WATTS BAR	442133	10.9	11.4	69522	1.9	6.3
PICKWICK	116863	8.4	18.9	16445	2.5	1.7
KENTUCKY	1479834	5.6	13.6	241720	2.3	21.0
STATEWIDE	**7035325**	**2.4**	**19.3**	**1270480**	**3.5**	**100.0**

STATEWIDE ANGLING EFFORT FOR INTENDED SPECIES GROUPS - 2007

INTENDED SPECIES	ANGLER HOURS	RELATIVE STANDARD ERROR	ANGLER TRIPS	PERCENT EFFORT
ANY CATFISH	774345	4.1	134905	11.0
MUSKELLUNGE	3802	24.9	969	0.1
RAINBOW TROUT	1076	50.3	176	0.0
ANY TROUT	15878	14.1	2670	0.2
ANY TEMPERATE BASS	7638	12.5	1185	0.1
WHITE BASS	85705	9.3	16490	1.2
STRIPED BASS	181093	6.7	35672	2.6
CHEROKEE BASS	20654	13.6	4375	0.3
ANY SUNFISH	362359	7.2	62450	5.2
ANY BLACK BASS	1537190	3.4	263266	21.8
SMALLMOUTH BASS	206645	7.5	33480	2.9
SPOTTED BASS	6295	25.2	1277	0.1
LARGEMOUTH BASS	764068	4.7	160796	10.9
ANY CRAPPIE	1841682	4.2	318629	26.2
SAUGER	160657	8.6	29282	2.3
WALLEYE	184802	6.9	35496	2.6
SAUGEYE	1521	74.0	349	0.0
ANY SPECIES	878850	4.0	168772	12.5
OTHER	1076	44.6	228	0.0

STATEWIDE CATCH STATISTICS FOR ALL ANGLERS, BY LAKE - 2007

LAKE	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE FOR HARVEST RATE
NORRIS	252255	15.9	0.75	40.3	51534	30.8	0.15	82.2
WOODS	56489	26.0	1.11	37.8	17322	33.9	0.34	62.3
DALE HOLLOW	222113	9.8	0.58	19.4	78174	12.9	0.21	29.3
REELFOOT	1039245	13.0	2.28	11.7	678239	12.8	1.49	11.3
TIMS FORD	43818	13.5	0.54	36.7	10898	21.4	0.14	65.1
BARKLEY	295280	16.1	2.14	20.9	139481	17.0	1.01	26.6
CENTER HILL	208669	17.4	0.75	41.2	99293	21.3	0.36	59.9
SOUTH HOLSTON	19908	9.7	0.16	27.1	4129	20.6	0.03	75.7
PERCY PRIEST	950918	7.3	1.40	18.2	269412	8.8	0.40	29.4
OLD HICKORY	1694589	9.9	1.67	20.7	386476	12.8	0.38	39.3
MELTON HILL	68363	11.0	0.92	24.2	4540	26.1	0.06	68.4
DOUGLAS	1042552	7.1	1.84	10.3	351154	8.5	0.62	16.7
TELLICO	252212	10.7	1.32	22.4	33013	18.6	0.17	57.1
BOONE	20960	7.8	0.25	23.1	3359	18.3	0.04	54.9
CHICKAMAUGA	1710893	16.3	3.13	13.8	499651	14.3	0.91	22.1
WATTS BAR	1049853	13.0	2.37	15.7	334618	16.9	0.76	27.3
PICKWICK	91419	10.0	0.78	25.8	33003	10.6	0.28	34.7
KENTUCKY	3123034	9.1	2.11	17.0	1473827	9.9	1.00	18.6
STATEWIDE	**12142570**	**4.0**	**1.72**	**18.3**	**4468123**	**4.6**	**0.64**	**25.0**

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2007

INTENDED SPECIES=ANY CATFISH

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED	NUMBER FISH RECORDED
NORRIS	2488	79.2	485	0.3	0.11	.	0.11	.	1
WOODS	1869	34.5	436	0.2	0.61	44.4	0.41	75.0	29
DALE HOLLOW	4865	28.6	776	0.6	0.51	16.7	0.51	16.7	91
REELFOOT	846	60.2	154	0.1	0.98	19.0	0.83	20.0	16
TIMS FORD	1391	35.5	247	0.2	0.30	204.4	0.24	256.6	9
BARKLEY	30020	10.2	4982	3.9	0.81	35.5	0.75	35.3	203
CENTER HILL	9376	23.1	1828	1.2	0.37	23.1	0.37	23.1	65
SOUTH HOLSTON	3106	24.5	480	0.4	0.12	.	0.12	.	12
PERCY PRIEST	43636	11.1	9510	5.6	0.32	35.8	0.28	39.3	130
OLD HICKORY	80475	11.1	17640	10.4	0.22	31.5	0.17	37.5	65
MELTON HILL	1877	35.3	460	0.2	0.72	51.4	0.08	0.0	4
DOUGLAS	46155	14.1	8830	6.0	1.03	12.0	0.70	11.9	450
TELLICO	940	70.2	236	0.1	0.00	.	0.00	.	0
BOONE	1978	25.3	305	0.3	0.24	43.5	0.24	43.5	23
CHICKAMAUGA	101168	14.8	16155	13.1	1.85	19.0	1.12	24.0	1633
WATTS BAR	47615	15.9	7393	6.1	1.46	16.5	0.89	17.6	449
PICKWICK	36339	15.4	5287	4.7	0.70	19.1	0.54	21.4	98
KENTUCKY	360201	6.3	59701	46.5	0.52	19.6	0.41	21.0	1222
STATEWIDE	**774345**		**134905**						**4500**

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2007

INTENDED SPECIES=MUSKELLUNGE

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED	NUMBER FISH RECORDED
MELTON HILL	3802	24.9	969	100.0	0.02	95.0	0.00	.	0
STATEWIDE	**3802**		**969**						**0**

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2007

INTENDED SPECIES=RAINBOW TROUT

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED	NUMBER FISH RECORDED
DALE HOLLOW	708	64.5	118	65.8	0.00	.	0.00	.	0
SOUTH HOLSTON	368	78.9	58	34.2	0.00	.	0.00	.	0
STATEWIDE	**1076**		**176**						**0**

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2007

INTENDED SPECIES=ANY TROUT

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED	NUMBER FISH RECORDED
DALE HOLLOW	5494	27.6	1030	34.6	0.19	37.7	0.19	37.7	21
SOUTH HOLSTON	10099	15.7	1574	63.6	0.08	95.5	0.06	100.8	9
TELLICO	285	150.5	66	1.8	0.00	.	0.00	.	0
STATEWIDE	**15878**		**2670**						**30**

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2007

INTENDED SPECIES=ANY TEMPERATE BASS

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED	NUMBER FISH RECORDED
BOONE	7638	12.5	1185	100.0	0.05	82.1	0.03	128.2	7
STATEWIDE	**7638**		**1185**						**7**

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2007

INTENDED SPECIES=WHITE BASS

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED	NUMBER FISH RECORDED
TIMS FORD	769	44.9	160	0.9	3.76	35.4	0.20	0.0	4
BARKLEY	813	71.8	128	0.9	1.09	.	0.81	.	11
PERCY PRIEST	7174	22.2	1565	8.4	0.86	54.0	0.33	55.6	46
OLD HICKORY	26106	17.4	5968	30.5	1.04	64.6	0.59	59.8	110
MELTON HILL	71	117.2	16	0.1	1.00	.	0.00	.	0
DOUGLAS	14397	20.1	2738	16.8	2.71	17.1	1.12	36.1	321
BOONE	125	91.7	19	0.1	0.00	.	0.00	.	0
CHICKAMAUGA	2105	45.0	334	2.5	1.39	58.7	0.98	34.2	46
WATTS BAR	9157	26.3	1423	10.7	2.88	34.5	1.75	37.2	169
KENTUCKY	24988	19.8	4139	29.2	1.20	29.6	0.65	43.4	117
STATEWIDE	**85705**		**16490**						**824**

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2007

INTENDED SPECIES=STRIPED BASS

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED	NUMBER FISH RECORDED
NORRIS	41428	16.9	8174	22.9	0.28	101.1	0.04	163.4	7
TIMS FORD	5003	17.9	941	2.8	0.25	98.3	0.06	52.6	9
PERCY PRIEST	27894	12.2	5913	15.4	0.13	73.9	0.02	158.2	8
OLD HICKORY	45943	13.6	10258	25.4	0.20	104.4	0.09	105.3	18
MELTON HILL	4159	26.2	1165	2.3	0.10	52.8	0.03	173.3	1
TELLICO	983	77.2	242	0.5	0.23	.	0.00	.	0
BOONE	8798	11.5	1358	4.9	0.05	79.6	0.01	140.2	5
CHICKAMAUGA	8908	27.1	1417	4.9	0.44	38.9	0.17	53.2	29
WATTS BAR	24280	20.1	3845	13.4	0.53	39.0	0.14	50.5	32
KENTUCKY	13697	26.3	2359	7.6	0.17	30.3	0.06	76.2	12
STATEWIDE	**181093**		**35672**						**121**

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2007

INTENDED SPECIES=CHEROKEE BASS

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED	NUMBER FISH RECORDED
TIMS FORD	665	47.1	136	3.2	0.54	0.0	0.03	0.0	1
PERCY PRIEST	19343	14.3	4121	93.7	0.29	68.1	0.11	77.4	32
OLD HICKORY	386	93.5	78	1.9	0.00	.	0.00	.	0
BOONE	260	77.0	40	1.3	0.42	.	0.13	.	2
STATEWIDE	**20654**		**4375**						**35**

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2007

INTENDED SPECIES=ANY SUNFISH

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED	NUMBER FISH RECORDED
NORRIS	21485	23.5	4293	5.9	4.01	40.6	1.47	63.8	62
WOODS	1692	37.0	389	0.5	2.96	64.8	1.59	41.9	162
DALE HOLLOW	17160	16.1	2696	4.7	3.42	19.1	2.35	23.1	649
REELFOOT	125452	17.7	16496	34.6	2.33	5.4	1.82	5.4	3388
TIMS FORD	444	59.7	78	0.1	2.87	.	0.00	.	0
BARKLEY	4865	11.4	823	1.3	7.19	10.8	5.32	8.5	281
CENTER HILL	14652	19.5	2934	4.0	6.97	65.4	4.56	96.6	688
SOUTH HOLSTON	792	56.5	120	0.2	1.52	.	0.35	.	5
PERCY PRIEST	20716	14.8	4504	5.7	1.94	24.8	0.71	47.0	199
OLD HICKORY	70707	11.7	15375	19.5	3.03	29.8	1.19	47.6	413
MELTON HILL	796	45.3	201	0.2	1.80	56.2	0.00	.	0
DOUGLAS	31338	14.9	5936	8.6	5.23	10.7	3.32	14.3	1299
TELLICO	1553	64.5	375	0.4	2.73	.	0.63	.	12
BOONE	1955	25.9	298	0.5	2.16	39.2	0.55	97.0	16
CHICKAMAUGA	3889	40.9	618	1.1	11.30	16.8	6.45	22.9	495
WATTS BAR	860	105.1	128	0.2	8.86	.	3.18	.	14
PICKWICK	1561	90.8	247	0.4	1.81	.	0.00	.	0
KENTUCKY	42442	15.3	6939	11.7	4.22	26.0	2.39	25.6	1069
STATEWIDE	**362359**		**62450**						**8752**

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2007

INTENDED SPECIES=ANY BLACK BASS

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED	NUMBER FISH RECORDED
NORRIS	113634	11.2	22098	7.4	0.58	33.7	0.02	105.7	21
WOODS	24004	18.6	5120	1.6	0.64	47.1	0.15	45.0	193
DALE HOLLOW	73017	9.3	11546	4.8	0.46	22.3	0.11	37.3	151
REELFOOT	37790	15.6	5237	2.5	0.61	16.7	0.03	97.5	17
TIMS FORD	48309	7.2	9098	3.1	0.31	23.8	0.03	64.6	58
BARKLEY	42955	14.1	6986	2.8	1.30	16.0	0.15	40.1	97
CENTER HILL	115056	10.4	20955	7.5	0.58	21.3	0.22	29.0	313
SOUTH HOLSTON	64527	6.8	9989	4.2	0.26	16.5	0.01	105.7	31
MELTON HILL	23804	11.0	6161	1.5	0.97	31.9	0.00	248.2	3
DOUGLAS	116281	8.3	21846	7.6	0.91	7.2	0.03	40.6	110
TELLICO	80036	10.5	17509	5.2	1.15	17.1	0.02	92.4	19
BOONE	47724	5.3	7387	3.1	0.31	12.7	0.01	71.8	38
CHICKAMAUGA	231023	14.7	36655	15.0	1.12	11.4	0.12	57.2	369
WATTS BAR	197176	12.0	30774	12.8	0.88	13.0	0.07	43.2	159
PICKWICK	55813	10.2	7882	3.6	1.08	29.1	0.14	99.8	85
KENTUCKY	266041	7.1	44023	17.3	1.01	18.1	0.17	32.0	453
STATEWIDE	**1537190**		**263266**						**2117**

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2007

INTENDED SPECIES=SMALLMOUTH BASS

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED	NUMBER FISH RECORDED
NORRIS	28619	22.2	5375	13.8	0.44	26.2	0.01	194.1	5
DALE HOLLOW	159490	8.7	24663	77.2	0.46	14.0	0.01	59.0	47
TIMS FORD	193	82.2	33	0.1	0.00	.	0.00	.	0
CENTER HILL	3392	42.8	601	1.6	0.09	0.0	0.06	0.0	2
SOUTH HOLSTON	4376	21.7	669	2.1	0.25	27.9	0.14	61.2	17
PERCY PRIEST	6248	23.6	1328	3.0	0.28	94.4	0.04	193.7	1
OLD HICKORY	2071	59.2	476	1.0	0.10	.	0.00	.	0
BOONE	1628	24.7	258	0.8	0.22	25.7	0.12	42.0	12
CHICKAMAUGA	125	147.3	19	0.1	0.00	.	0.00	.	0
PICKWICK	503	107.7	58	0.2	0.63	.	0.00	.	0
STATEWIDE	**206645**		**33480**						**84**

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2007

INTENDED SPECIES=SPOTTED BASS

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED	NUMBER FISH RECORDED
DALE HOLLOW	313	100.6	50	5.0	1.79	.	1.19	.	10
CENTER HILL	5475	25.1	1147	87.0	0.53	52.5	0.46	54.5	36
KENTUCKY	507	144.2	80	8.1	0.00	.	0.00	.	0
STATEWIDE	**6295**		**1277**						**46**

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2007

INTENDED SPECIES=LARGEMOUTH BASS

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED	NUMBER FISH RECORDED
NORRIS	339	146.0	65	0.0	0.29	.	0.00	.	0
WOODS	126	135.0	30	0.0	0.89	.	0.00	.	0
DALE HOLLOW	2295	36.6	359	0.3	0.67	60.0	0.25	83.2	7
SOUTH HOLSTON	280	97.9	42	0.0	0.25	.	0.25	.	2
PERCY PRIEST	246207	6.1	52599	32.2	0.66	14.4	0.05	32.2	213
OLD HICKORY	422354	7.5	89860	55.3	0.88	14.2	0.07	25.8	229
DOUGLAS	88444	11.0	17241	11.6	1.13	7.4	0.01	155.8	29
PICKWICK	1045	107.7	144	0.1	1.00	.	0.00	.	0
KENTUCKY	2978	63.1	456	0.4	0.69	47.2	0.18	72.5	5
STATEWIDE	**764068**		**160796**						**485**

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2007

INTENDED SPECIES=ANY CRAPPIE

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED	NUMBER FISH RECORDED
NORRIS	20986	21.7	4040	1.1	0.83	159.5	0.45	168.7	73
WOODS	18926	27.4	4066	1.0	0.75	38.9	0.39	37.4	286
DALE HOLLOW	39224	11.9	6077	2.1	0.96	32.3	0.55	34.2	353
REELFOOT	278869	11.2	38963	15.1	2.13	10.0	1.40	9.0	4900
TIMS FORD	12197	12.9	2324	0.7	0.52	53.3	0.35	57.9	113
BARKLEY	51224	23.5	8223	2.8	3.04	17.4	1.79	17.6	990
CENTER HILL	40376	15.8	7211	2.2	1.67	41.9	0.59	46.3	172
SOUTH HOLSTON	7564	17.3	1174	0.4	0.13	78.6	0.09	79.0	12
PERCY PRIEST	156386	7.2	32933	8.5	1.23	17.4	0.52	17.6	1298
OLD HICKORY	134570	12.6	27483	7.3	1.50	20.4	0.56	22.7	504
MELTON HILL	14995	14.0	3730	0.8	0.95	27.1	0.24	56.4	87
DOUGLAS	227504	7.4	44492	12.4	1.89	13.5	0.85	23.9	3272
TELLICO	63333	9.5	13855	3.4	1.79	21.9	0.55	31.2	419
BOONE	8783	11.7	1361	0.5	0.14	84.0	0.09	99.3	20
CHICKAMAUGA	70513	20.7	11123	3.8	2.70	20.4	1.02	19.3	1057
WATTS BAR	43334	24.6	6839	2.4	1.78	19.7	0.87	21.9	367
PICKWICK	12324	19.2	1546	0.7	0.93	16.9	0.80	31.0	134
KENTUCKY	640574	9.3	103189	34.8	2.74	10.9	1.50	11.1	9863
STATEWIDE	**1841682**		**318629**						**23920**

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2007

INTENDED SPECIES=SAUGER

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED	NUMBER FISH RECORDED
OLD HICKORY	42384	15.9	9527	26.4	1.57	70.3	0.17	56.3	69
DOUGLAS	15001	19.5	2972	9.3	0.85	22.4	0.21	30.5	69
CHICKAMAUGA	491	88.9	78	0.3	1.23	.	0.19	.	2
WATTS BAR	10299	27.6	1730	6.4	1.37	25.1	0.44	25.2	74
PICKWICK	252	156.4	29	0.2	0.75	.	0.13	.	1
KENTUCKY	92230	12.3	14946	57.4	1.28	14.0	0.48	13.8	1049
STATEWIDE	**160657**		**29282**						**1264**

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2007

INTENDED SPECIES=WALLEYE

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED	NUMBER FISH RECORDED
NORRIS	45729	15.2	9053	24.7	0.06	51.2	0.05	56.7	16
DALE HOLLOW	37049	16.1	6876	20.0	0.31	20.0	0.26	20.5	214
TIMS FORD	4192	21.4	797	2.3	0.11	69.7	0.04	78.9	10
CENTER HILL	55678	14.1	10992	30.1	0.16	38.1	0.09	42.1	63
SOUTH HOLSTON	21543	10.9	3335	11.7	0.04	77.4	0.04	85.8	18
OLD HICKORY	12910	23.6	2905	7.0	0.06	100.4	0.04	177.3	4
DOUGLAS	5178	28.7	948	2.8	1.21	16.0	0.26	28.0	21
TELLICO	2523	38.4	590	1.4	0.17	72.1	0.02	0.0	3
STATEWIDE	**184802**		**35496**						**349**

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2007

INTENDED SPECIES=SAUGEYE

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED	NUMBER FISH RECORDED
OLD HICKORY	1521	74.0	349	100.0	0.00	.	0.00	.	0
STATEWIDE	**1521**		**349**						**0**

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2007

INTENDED SPECIES=ANY SPECIES

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED	NUMBER FISH RECORDED
NORRIS	60278	14.4	11954	6.9	0.65	102.8	0.10	128.0	33
WOODS	4098	24.3	948	0.5	0.74	27.3	0.17	61.8	32
DALE HOLLOW	41254	13.0	6872	4.7	0.26	92.2	0.14	103.9	88
REELFOOT	12288	24.3	1669	1.4	0.38	108.7	0.21	101.3	48
TIMS FORD	7514	16.0	1420	0.9	0.45	50.1	0.12	109.4	24
BARKLEY	8199	9.9	1378	0.9	2.05	43.8	0.80	56.6	40
CENTER HILL	33211	13.7	6415	3.8	0.09	131.6	0.07	159.7	11
SOUTH HOLSTON	9271	15.9	1427	1.1	0.11	102.9	0.03	188.4	5
PERCY PRIEST	153163	7.0	32997	17.4	1.10	29.3	0.32	33.1	492
OLD HICKORY	174139	8.5	38160	19.8	1.48	28.0	0.32	48.5	234
MELTON HILL	24517	11.0	6297	2.8	0.85	26.5	0.04	133.0	17
DOUGLAS	22707	15.2	4323	2.6	0.93	28.8	0.56	30.2	92
TELLICO	40795	14.7	9239	4.6	1.20	24.8	0.16	107.1	36
BOONE	4927	15.6	764	0.6	0.26	90.4	0.14	132.9	21
CHICKAMAUGA	127873	17.6	20378	14.6	5.31	19.1	1.89	31.1	2733
WATTS BAR	109413	11.9	17390	12.4	3.52	23.7	1.37	33.8	984
PICKWICK	9026	34.5	1251	1.0	1.09	38.8	0.45	67.9	30
KENTUCKY	36177	16.0	5890	4.1	1.90	73.7	0.77	94.6	178
STATEWIDE	**878850**		**168772**						**5098**

STATEWIDE FISHING EFFORT AND CATCH RATES, BY LAKE, FOR INTENDED SPECIES - 2007

INTENDED SPECIES=OTHER

LAKE	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR NUMBER CAUGHT	NUMBER HARVESTED PER HOUR	RSE FOR NUMBER HARVESTED	NUMBER FISH RECORDED
PERCY PRIEST	633	66.0	144	58.8	0.00	.	0.00	.	0
MELTON HILL	164	94.0	40	15.2	0.00	.	0.00	.	0
BOONE	279	63.9	44	25.9	0.00	.	0.00	.	0
STATEWIDE	**1076**		**228**						**0**

STATEWIDE SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS, BY LAKE - 2007

LAKE	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
NORRIS	1351870	1091540	2438810	265
WOODS	48460	73530	121990	2
DALE HOLLOW	2117280	1362220	3479300	1272
REELFOOT	1922350	473150	2395520	1040
TIMS FORD	500380	761480	1261860	12
BARKLEY	503050	324750	822900	287
CENTER HILL	977450	772720	1738850	607
SOUTH HOLSTON	216640	153400	370060	602
PERCY PRIEST	1956150	1091140	3047300	393
OLD HICKORY	3619210	2099240	5718480	386
MELTON HILL	258360	154410	412770	419
DOUGLAS	1348060	1228340	2576400	1569
TELLICO	679630	418880	1098490	531
BOONE	166960	104530	271500	715
CHICKAMAUGA	1827610	1434470	3262090	1161
WATTS BAR	1600360	1290650	2891010	691
PICKWICK	373050	30890	403930	139
KENTUCKY	4080270	1970410	6049830	2158
TOTAL	**23547140**	**14835750**	**38361090**	**12249**

STATEWIDE SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS, BY INTENDED SPECIES - 2007

TARGET	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBR OF INTERVIEWS
ANY CATFISH	1656080	904760	2559990	1111
MUSKELLUNGE	16960	21260	38210	35
RAINBOW TROUT	2540	2520	5050	5
ANY TROUT	56000	38660	94660	68
ANY TEMPERATE BASS	13990	9530	23520	59
WHITE BASS	195710	114040	305840	119
STRIPED BASS	624790	548590	1173380	256
CHEROKEE BASS	46290	59560	105850	24
ANY SUNFISH	1124510	590780	1711570	608
ANY BLACK BASS	7373490	5023850	12397350	3766
SMALLMOUTH BASS	1261400	773260	2026930	596
SPOTTED BASS	26840	18770	44130	18
LARGEMOUTH BASS	3438930	1959150	5398080	498
ANY CRAPPIE	4613650	2681200	7291900	3241
SAUGER	453190	172000	625200	260
WALLEYE	685850	496390	1182230	463
ANY SPECIES	1955810	1420590	3375240	1116
OTHER	1110	840	1960	6
TOTAL	**23547140**	**14835750**	**38361090**	**12249**

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MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE=KENTUCKY

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	24306	24.8	0.2	4751	0.0	1.6
02 FEBRUARY	40287	24.5	0.4	6048	0.1	2.7
03 MARCH	252077	22.9	2.3	39043	0.4	17.0
04 APRIL	304124	12.7	2.8	48221	0.4	20.6
05 MAY	238594	9.0	2.2	38341	0.4	16.1
06 JUNE	156155	13.5	1.4	25015	0.2	10.6
07 JULY	100141	17.8	0.9	18881	0.2	6.8
08 AUGUST	48699	24.5	0.5	9023	0.1	3.3
09 SEPTEMBER	111668	15.1	1.0	18521	0.2	7.5
10 OCTOBER	86110	9.2	0.8	14019	0.1	5.8
11 NOVEMBER	59759	17.0	0.6	10044	0.1	4.0
12 DECEMBER	57914	11.0	0.5	9813	0.1	3.9
TOTAL	**1479834**			**241720**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2007

LAKE=KENTUCKY

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE FOR HARVEST RATE
01 JANUARY	34028	34.5	1.40	23.2	14584	40.2	0.60	30.9
02 FEBRUARY	77754	32.3	1.93	20.4	25381	31.2	0.63	18.7
03 MARCH	751189	26.0	2.98	12.0	388199	26.4	1.54	12.8
04 APRIL	681238	19.2	2.24	14.3	337578	21.3	1.11	17.0
05 MAY	512977	20.3	2.15	18.1	238594	22.6	1.00	20.6
06 JUNE	231109	34.1	1.48	31.0	87447	39.7	0.56	36.8
07 JULY	135190	29.7	1.35	23.3	45063	31.6	0.45	25.7
08 AUGUST	41394	29.2	0.85	15.3	15097	34.0	0.31	23.3
09 SEPTEMBER	190952	26.8	1.71	21.9	80401	27.6	0.72	22.8
10 OCTOBER	198914	18.9	2.31	16.4	91277	19.9	1.06	17.5
11 NOVEMBER	154776	20.5	2.59	11.3	81870	23.3	1.37	15.7
12 DECEMBER	113511	17.8	1.96	14.0	68339	16.9	1.18	12.9
TOTAL	**3123032**				**1473830**			

SUMMARY OF SPECIES CATCH STATISTICS - 2007

LAKE=KENTUCKY

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
RIVER REDHORSE	195	1490.4	0.0	0	195	1490.4	0.0	0	0.0	2.10	1
BLUE CATFISH	131322	21.8	4.2	129634	86896	28.7	5.9	85501	33.8	1.92	809
CHANNEL CATFISH	66759	47.9	2.1	64618	55851	55.0	3.8	54324	16.3	2.43	438
FLATHEAD CATFISH	3749	221.6	0.1	3260	161	860.1	0.0	161	95.7	1.30	1
WHITE BASS	46867	52.7	1.5	27998	16738	60.1	1.1	13413	64.3	0.75	146
YELLOW BASS	64375	39.4	2.1	1922	0	.	0.0	0	100.0	.	0
STRIPED BASS	9318	145.2	0.3	8305	2886	222.9	0.2	2165	69.0	10.83	16
CHEROKEE BASS	161	1922.8	0.0	0	161	1922.8	0.0	0	0.0	16.70	1
BLUEGILL	230568	23.9	7.4	168252	99506	33.8	6.7	93554	56.8	0.27	921
REDEAR SUNFISH	49692	75.7	1.6	48891	34594	88.1	2.3	34262	30.4	0.52	305
SMALLMOUTH BASS	3896	300.1	0.1	2922	166	1644.2	0.0	83	95.7	2.20	2
SPOTTED BASS	55480	39.3	1.8	52465	13206	71.0	0.9	12126	76.2	1.59	100
LARGEMOUTH BASS	280806	13.6	9.0	270323	21058	36.4	1.4	20766	92.5	2.75	138
WHITE CRAPPIE	1346457	8.6	43.1	1334285	721899	12.5	48.9	716504	46.4	0.71	6086
BLACK CRAPPIE	699302	10.5	22.4	695662	368952	14.4	25.0	365955	47.2	0.79	3779
BLACKNOSE CRAPPIE	195	3946.8	0.0	195	195	3946.8	0.0	195	0.0	0.80	1
YELLOW PERCH	226	1011.2	0.0	113	203	1109.3	0.0	203	10.2	0.40	1
SAUGER	122172	20.6	3.9	120782	52341	20.6	3.5	51749	57.2	1.27	1061
FRESHWATER DRUM	9097	258.3	0.3	0	0	.	0.0	0	100.0	.	0

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2007

LAKE=KENTUCKY

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	360201	6.3	59701	24.3	0.52	19.6	0.41	21.0	488
WHITE BASS	24988	19.8	4139	1.7	1.20	29.6	0.65	43.4	38
STRIPED BASS	13697	26.3	2359	0.9	0.17	30.3	0.06	76.2	21
ANY SUNFISH	42442	15.3	6939	2.9	4.22	26.0	2.39	25.6	48
ANY BLACK BASS	266041	7.1	44023	18.0	1.01	18.1	0.17	32.0	483
SPOTTED BASS	507	144.2	80	0.0	0.00		0.00		1
LARGEMOUTH BASS	2978	63.1	456	0.2	0.69	47.2	0.18	72.5	5
ANY CRAPPIE	640574	9.3	103189	43.3	2.74	10.9	1.50	11.1	918
SAUGER	92230	12.3	14946	6.2	1.28	14.0	0.48	13.8	204
ANY SPECIES	36177	16.0	5890	2.4	1.90	73.7	0.77	94.6	46
TOTAL	**1479835**		**241722**						

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2007

LAKE=KENTUCKY

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	ANY CATFISH	0.00	0.00
	BLUE CATFISH	0.34	0.25
	CHANNEL CATFISH	0.17	0.16
	FLATHEAD CATFISH	0.01	0.00
ANY SUNFISH			
	BLUEGILL	3.27	1.75
	REDEAR SUNFISH	0.95	0.64
ANY BLACK BASS			
	SMALLMOUTH BASS	0.01	0.00
	SPOTTED BASS	0.19	0.04
	LARGEMOUTH BASS	1.00	0.08
ANY CRAPPIE			
	WHITE CRAPPIE	1.80	0.99
	BLACK CRAPPIE	0.94	0.51
	BLACKNOSE CRAPPIE	0.00	0.00

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)

LAKE=KENTUCKY

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEWS (NON-TOURNAMENT)
01 JANUARY	0		0	2.17	3
02 FEBRUARY	0		0	0.93	5
03 MARCH	56	1.15	6	1.00	18
04 APRIL	47	0.75	12	0.74	30
05 MAY	33	1.13	17	1.03	67
06 JUNE	34	0.96	21	0.92	61
07 JULY	42	1.36	8	1.09	41
08 AUGUST	46	0.82	16	0.73	38
09 SEPTEMBER	46	1.03	15	0.73	36
10 OCTOBER	31	0.84	13	1.85	48
11 NOVEMBER	45	0.84	4	1.61	21
12 DECEMBER	0		0	1.03	4

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2007

LAKE=KENTUCKY

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	593610	251850	844610	479
WHITE BASS	54030	10390	64420	35
STRIPED BASS	24660	13680	38340	21
ANY SUNFISH	112940	67230	180160	47
ANY BLACK BASS	1527540	636820	2164360	475
SPOTTED BASS	800	0	800	1
LARGEMOUTH BASS	11390	4560	15950	5
ANY CRAPPIE	1454030	906010	2360050	878
SAUGER	232970	37430	270400	174
ANY SPECIES	68300	42440	110740	43
TOTAL	**4080270**	**1970410**	**6049830**	**2158**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2007

LAKE=KENTUCKY

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	3994	93
OTHERS	302	7

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
BENTON	821	20.7
CARROLL	292	7.4
HENRY	732	18.5
HOUSTON	220	5.5
HUMPHREYS	348	8.8
OTHERS IN TN	1542	38.9
OUT-OF-STATE	10	0.3

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	2781	65.2
B) 26-100	1293	30.3
C) 101-250	68	1.6
D) > 250	123	2.9

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	2137	97.4
B) VACATION	22	1.0
C) BUSINESS	35	1.6

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	1960	89.3
B) 2-5	166	7.6
C) 6-10	56	2.6
D) 11-15	7	0.3
E) 16-20	1	0.0
F) >20	5	0.2

KENTUCKY #1

NORTH

RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE=KENTUCKY #1 NORTH

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	5099	31.3	0.0	976	0.0	0.6
02 FEBRUARY	8745	36.4	0.1	1517	0.0	1.0
03 MARCH	209122	27.2	1.9	32377	0.3	23.1
04 APRIL	246492	14.5	2.3	38725	0.4	27.2
05 MAY	114012	9.7	1.1	19281	0.2	12.6
06 JUNE	80460	24.4	0.7	13380	0.1	8.9
07 JULY	62013	24.4	0.6	11449	0.1	6.8
08 AUGUST	24648	38.2	0.2	4809	0.0	2.7
09 SEPTEMBER	53345	16.4	0.5	9324	0.1	5.9
10 OCTOBER	47762	13.3	0.4	7863	0.1	5.3
11 NOVEMBER	30109	16.6	0.3	5168	0.0	3.3
12 DECEMBER	25132	12.6	0.2	4521	0.0	2.8
TOTAL	**906939**			**149390**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2007

LAKE=KENTUCKY #1 NORTH

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE FOR HARVEST RATE
01 JANUARY	10504	36.8	2.06	18.5	4538	39.0	0.89	22.3
02 FEBRUARY	23262	43.4	2.66	22.2	10057	42.0	1.15	19.7
03 MARCH	696376	29.7	3.33	11.5	359690	30.0	1.72	12.3
04 APRIL	579256	19.7	2.35	13.2	290861	21.1	1.18	15.2
05 MAY	370539	19.5	3.25	16.9	182419	20.7	1.60	18.2
06 JUNE	167357	39.6	2.08	30.4	65173	43.1	0.81	34.6
07 JULY	96120	33.7	1.55	22.5	33487	35.4	0.54	24.9
08 AUGUST	20951	40.2	0.85	11.7	8873	46.5	0.36	24.9
09 SEPTEMBER	91220	28.5	1.71	23.0	42143	26.6	0.79	20.7
10 OCTOBER	140898	20.9	2.95	16.0	77852	20.1	1.63	14.9
11 NOVEMBER	105382	19.7	3.50	10.6	59917	20.9	1.99	12.6
12 DECEMBER	79166	17.8	3.15	12.6	48756	16.9	1.94	11.2
TOTAL	**2381031**				**1183766**			

SUMMARY OF SPECIES CATCH STATISTICS - 2007

LAKE=KENTUCKY #1 NORTH

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
BLUE CATFISH	38638	56.1	1.6	37918	35558	59.1	3.0	34843	8.0	1.46	496
CHANNEL CATFISH	24039	119.8	1.0	23204	23241	123.0	2.0	22503	3.3	2.15	251
FLATHEAD CATFISH	119	1628.4	0.0	0	0	.	0.0	0	100.0	.	0
WHITE BASS	10940	172.9	0.5	4558	3219	171.7	0.3	2714	70.6	0.68	51
YELLOW BASS	64375	39.4	2.7	1922	0	.	0.0	0	100.0	.	0
STRIPED BASS	168	2083.6	0.0	84	0	.	0.0	0	100.0	.	0
BLUEGILL	173673	28.7	7.3	127137	77390	40.4	6.5	76452	55.4	0.26	793
REDEAR SUNFISH	44202	80.6	1.9	44093	32031	92.0	2.7	31924	27.5	0.53	292
SMALLMOUTH BASS	1192	635.8	0.1	1022	166	1644.2	0.0	83	86.1	2.20	2
SPOTTED BASS	5759	186.2	0.2	5759	0	.	0.0	0	100.0	.	0
LARGEMOUTH BASS	121392	25.5	5.1	116650	1156	242.6	0.1	1156	99.0	2.39	11
WHITE CRAPPIE	1174335	9.6	49.3	1165556	632889	14.0	53.5	629155	46.1	0.72	5525
BLACK CRAPPIE	694138	10.5	29.2	690710	364835	14.4	30.8	362039	47.4	0.79	3750
BLACKNOSE CRAPPIE	195	3946.8	0.0	195	195	3946.8	0.0	195	0.0	0.80	1
YELLOW PERCH	23	1696.4	0.0	0	0	.	0.0	0	100.0	.	0
SAUGER	20997	70.0	0.9	20997	12599	39.6	1.1	12599	40.0	1.42	343
FRESHWATER DRUM	6354	316.9	0.3	0	0	.	0.0	0	100.0	.	0

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2007

LAKE=KENTUCKY #1 NORTH

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	157268	9.1	26736	17.3	0.46	20.8	0.44	20.6	270
WHITE BASS	6216	33.6	1170	0.7	0.77	45.6	0.66	44.2	14
STRIPED BASS	614	102.0	113	0.1	0.00		0.00		1
ANY SUNFISH	30977	17.5	5138	3.4	4.57	17.0	3.17	20.3	39
ANY BLACK BASS	140057	10.1	23755	15.4	0.91	18.1	0.15	25.6	277
ANY CRAPPIE	533796	11.0	86006	58.9	3.93	7.5	2.15	8.1	784
SAUGER	16584	17.2	2919	1.8	1.41	11.1	0.83	11.0	74
ANY SPECIES	21431	20.0	3555	2.4	1.70	44.8	0.85	63.7	28
TOTAL	**906943**		**149392**						

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2007

LAKE=KENTUCKY #1 NORTH

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	ANY CATFISH	0.00	0.00
	BLUE CATFISH	0.29	0.27
	CHANNEL CATFISH	0.17	0.17
	FLATHEAD CATFISH	0.00	0.00
ANY SUNFISH			
	BLUEGILL	3.39	2.24
	REDEAR SUNFISH	1.18	0.93
ANY BLACK BASS			
	SMALLMOUTH BASS	0.01	0.00
	SPOTTED BASS	0.04	0.00
	LARGEMOUTH BASS	0.83	0.01
ANY CRAPPIE			
	WHITE CRAPPIE	2.47	1.36
	BLACK CRAPPIE	1.46	0.79
	BLACKNOSE CRAPPIE	0.00	0.00

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)

LAKE=KENTUCKY #1 NORTH

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEWS (NON-TOURNAMENT)
01 JANUARY	0		0	1.00	1
02 FEBRUARY	0		0	0.61	3
03 MARCH	56	1.15	6	0.81	11
04 APRIL	53	0.71	6	0.44	14
05 MAY	46	1.13	11	1.12	34
06 JUNE	34	1.37	10	1.08	41
07 JULY	42	1.36	8	0.93	31
08 AUGUST	46	0.89	8	0.64	26
09 SEPTEMBER	16	1.29	7	0.34	22
10 OCTOBER	27	1.05	3	0.97	14
11 NOVEMBER	45	0.84	4	1.07	12

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2007

LAKE=KENTUCKY #1 NORTH

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	326790	208750	534700	261
WHITE BASS	11000	8810	19810	11
STRIPED BASS	2270	1130	3400	1
ANY SUNFISH	101460	63550	165010	38
ANY BLACK BASS	844670	632000	1476670	270
ANY CRAPPIE	1308680	859410	2168090	744
SAUGER	48080	34220	82300	73
ANY SPECIES	50010	32260	82270	27
TOTAL	**2692960**	**1840130**	**4532250**	**1425**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2007

LAKE=KENTUCKY #1 NORTH

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	2669	92.8
OTHERS	206	7.2

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
BENTON	609	22.9
CARROLL	230	8.7
GIBSON	159	6.0
HENRY	732	27.5
HOUSTON	220	8.3
HUMPHREYS	192	7.2
MONTGOMERY	135	5.1
OTHERS IN TN	372	14.0
OUT-OF-STATE	9	0.3

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	1806	63.0
B) 26-100	893	31.2
C) 101-250	50	1.7
D) > 250	117	4.1

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	1446	99.7
B) VACATION	5	0.3

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	1280	88.1
B) 2-5	105	7.2
C) 6-10	56	3.9
D) 11-15	7	0.5
E) 16-20	1	0.1
F) >20	4	0.3

KENTUCKY #2

SOUTH

RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE=KENTUCKY #2 SOUTH

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	19206	30.3	0.2	3774	0.0	3.4
02 FEBRUARY	31542	29.6	0.3	4531	0.0	5.5
03 MARCH	42955	22.6	0.4	6666	0.1	7.5
04 APRIL	57632	25.2	0.5	9496	0.1	10.1
05 MAY	124582	14.8	1.2	19060	0.2	21.7
06 JUNE	75694	10.3	0.7	11635	0.1	13.2
07 JULY	38128	24.4	0.4	7432	0.1	6.7
08 AUGUST	24051	30.4	0.2	4214	0.0	4.2
09 SEPTEMBER	58323	24.7	0.5	9197	0.1	10.2
10 OCTOBER	38348	12.3	0.4	6156	0.1	6.7
11 NOVEMBER	29650	29.7	0.3	4876	0.0	5.2
12 DECEMBER	32782	16.8	0.3	5292	0.0	5.7
TOTAL	**572893**			**92329**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2007

LAKE=KENTUCKY #2 SOUTH

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE FOR HARVEST RATE
01 JANUARY	23623	40.1	1.23	25.1	9987	47.3	0.52	34.7
02 FEBRUARY	54568	35.3	1.73	18.4	15456	32.3	0.49	12.5
03 MARCH	53694	27.4	1.25	15.1	29209	27.8	0.68	15.7
04 APRIL	100856	32.9	1.75	20.4	46106	38.0	0.80	27.6
05 MAY	143269	18.2	1.15	10.5	57308	20.4	0.46	13.9
06 JUNE	63583	15.8	0.84	12.0	22708	25.4	0.30	23.1
07 JULY	39272	35.1	1.03	24.5	11820	35.5	0.31	25.0
08 AUGUST	20684	35.9	0.86	18.2	6013	35.8	0.25	18.1
09 SEPTEMBER	99732	32.8	1.71	20.9	38493	35.8	0.66	25.1
10 OCTOBER	58289	18.9	1.52	14.3	13805	21.5	0.36	17.5
11 NOVEMBER	49516	32.0	1.67	11.2	21941	38.3	0.74	23.2
12 DECEMBER	34093	19.9	1.04	10.6	19341	20.0	0.59	10.7
TOTAL	**741179**				**292187**			

SUMMARY OF SPECIES CATCH STATISTICS - 2007

LAKE=KENTUCKY #2 SOUTH

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
RIVER REDHORSE	195	1490.4	0.0	0	195	1490.4	0.1	0	0.0	2.10	1
BLUE CATFISH	92684	20.1	12.5	92012	51337	26.1	17.6	50845	44.6	2.66	313
CHANNEL CATFISH	42721	32.6	5.8	41475	32611	34.4	11.2	31913	23.7	2.81	187
FLATHEAD CATFISH	3630	222.6	0.5	3630	161	860.1	0.1	161	95.6	1.30	1
WHITE BASS	35924	44.2	4.9	24401	13519	62.2	4.6	10531	62.4	0.79	95
STRIPED BASS	9150	142.9	1.2	8318	2886	222.9	1.0	2165	68.5	10.83	16
CHEROKEE BASS	161	1922.8	0.0	0	161	1922.8	0.1	0	0.0	16.70	1
BLUEGILL	56893	41.5	7.7	40798	22116	56.3	7.6	13995	61.1	0.30	128
REDEAR SUNFISH	5490	219.8	0.7	4270	2564	302.1	0.9	2170	53.3	0.52	13
SMALLMOUTH BASS	2703	329.4	0.4	1802	0	.	0.0	0	100.0	.	0
SPOTTED BASS	49718	38.2	6.7	46531	13206	71.0	4.5	12085	73.4	1.59	100
LARGEMOUTH BASS	159414	13.9	21.5	153861	19902	35.8	6.8	19256	87.5	2.78	127
WHITE CRAPPIE	172122	14.7	23.2	168031	89011	18.9	30.5	86948	48.3	0.61	561
BLACK CRAPPIE	5166	180.7	0.7	4914	4119	183.9	1.4	3862	20.3	0.85	29
YELLOW PERCH	203	1109.3	0.0	203	203	1109.3	0.1	203	0.0	0.40	1
SAUGER	101177	20.2	13.7	99745	39743	24.1	13.6	39079	60.7	1.20	718
FRESHWATER DRUM	2742	441.5	0.4	0	0	.	0.0	0	100.0	.	0

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2007

LAKE=KENTUCKY #2 SOUTH

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	202933	8.6	32965	35.4	0.55	19.3	0.35	22.8	218
WHITE BASS	18772	23.9	2969	3.3	1.34	26.5	0.65	43.4	24
STRIPED BASS	13083	27.1	2245	2.3	0.22	24.9	0.07	66.4	20
ANY SUNFISH	11465	31.2	1801	2.0	3.61	35.0	1.40	46.5	9
ANY BLACK BASS	125984	9.9	20270	22.0	1.13	18.1	0.20	31.9	206
SPOTTED BASS	507	144.2	80	0.1	0.00		0.00		1
LARGEMOUTH BASS	2978	63.1	456	0.5	0.69	47.2	0.18	72.5	5
ANY CRAPPIE	106778	11.2	17185	18.6	1.34	22.5	0.71	24.9	134
SAUGER	75646	14.5	12030	13.2	1.40	11.7	0.50	11.0	130
ANY SPECIES	14746	26.6	2334	2.6	1.61	57.1	0.42	97.9	18
TOTAL	**572892**		**92335**						

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2007

LAKE=KENTUCKY #2 SOUTH

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	ANY CATFISH	0.00	0.00
	BLUE CATFISH	0.37	0.21
	CHANNEL CATFISH	0.17	0.13
	FLATHEAD CATFISH	0.01	0.00
ANY SUNFISH			
	BLUEGILL	3.27	1.21
	REDEAR SUNFISH	0.34	0.19
ANY BLACK BASS			
	SMALLMOUTH BASS	0.01	0.00
	SPOTTED BASS	0.36	0.09
	LARGEMOUTH BASS	1.19	0.15
ANY CRAPPIE			
	WHITE CRAPPIE	1.30	0.68
	BLACK CRAPPIE	0.04	0.03

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)

LAKE=KENTUCKY #2 SOUTH

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEWS (NON-TOURNAMENT)
01 JANUARY	0		0	2.75	2
02 FEBRUARY	0		0	1.40	2
03 MARCH	0		0	1.30	7
04 APRIL	40	0.78	6	1.00	16
05 MAY	9	1.14	6	0.93	33
06 JUNE	33	0.59	11	0.59	20
07 JULY	0		0	1.57	10
08 AUGUST	47	0.74	8	0.92	12
09 SEPTEMBER	71	0.80	8	1.33	14
10 OCTOBER	32	0.78	10	2.21	34
11 NOVEMBER	0		0	2.32	9
12 DECEMBER	0		0	1.03	4

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2007

LAKE=KENTUCKY #2 SOUTH

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	266820	43100	309920	218
WHITE BASS	43030	1570	44600	24
STRIPED BASS	22390	12550	34940	20
ANY SUNFISH	11480	3680	15150	9
ANY BLACK BASS	682870	4820	687690	205
SPOTTED BASS	800	0	800	1
LARGEMOUTH BASS	11390	4560	15950	5
ANY CRAPPIE	145350	46610	191960	134
SAUGER	184890	3210	188100	101
ANY SPECIES	18290	10180	28470	16
TOTAL	**1387310**	**130280**	**1517580**	**733**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2007

LAKE=KENTUCKY #2 SOUTH

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
MS	86	6.1
TN	1325	93.2
OTHERS	10	0.7

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
BENTON	212	16.2
DECATUR	95	7.3
DICKSON	75	5.7
HARDIN	94	7.2
HUMPHREYS	156	11.9
MADISON	169	12.9
PERRY	117	9.0
OTHERS IN TN	388	29.7
OUT-OF-STATE	1	0.1

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	975	69.7
B) 26-100	400	28.6
C) 101-250	18	1.3
D) > 250	6	0.4

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	691	93.0
B) VACATION	17	2.3
C) BUSINESS	35	4.7

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	680	91.6
B) 2-5	61	8.2
F) >20	1	0.1

BARKLEY
RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE=BARKLEY

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	666	.	0.0	121	0.0	0.5
02 FEBRUARY	1859	.	0.1	353	0.0	1.3
03 MARCH	21405	62.5	1.2	3213	0.2	15.5
04 APRIL	19746	51.2	1.1	3179	0.2	14.3
05 MAY	31792	.	1.7	5324	0.3	23.0
06 JUNE	15213	2.6	0.8	2383	0.1	11.0
07 JULY	7891	16.9	0.4	1361	0.1	5.7
08 AUGUST	8857	.	0.5	1662	0.1	6.4
09 SEPTEMBER	9825	28.3	0.5	1597	0.1	7.1
10 OCTOBER	10107	33.2	0.6	1548	0.1	7.3
11 NOVEMBER	10147	23.7	0.6	1651	0.1	7.3
12 DECEMBER	564	.	0.0	126	0.0	0.4
TOTAL	**138072**			**22518**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2007

LAKE=BARKLEY

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE FOR HARVEST RATE
01 JANUARY	819	.	1.23	.	526	.	0.79	.
02 FEBRUARY	6283	.	3.38	.	2528	.	1.36	.
03 MARCH	63145	68.2	2.95	23.3	30395	68.0	1.42	22.6
04 APRIL	27249	51.4	1.38	3.9	13822	51.2	0.70	0.8
05 MAY	75029	.	2.36	.	40376	.	1.27	.
06 JUNE	29361	27.7	1.93	27.5	12323	56.1	0.81	56.0
07 JULY	17597	30.3	2.23	24.7	4498	58.7	0.57	55.5
08 AUGUST	12754	.	1.44	.	6466	.	0.73	.
09 SEPTEMBER	19061	30.1	1.94	9.7	10513	33.0	1.07	16.3
10 OCTOBER	15767	35.1	1.56	10.8	5357	33.2	0.53	1.8
11 NOVEMBER	26890	27.5	2.65	13.6	11973	29.2	1.18	16.6
12 DECEMBER	1325	.	2.35	.	705	.	1.25	.
TOTAL	**295280**				**139482**			

SUMMARY OF SPECIES CATCH STATISTICS - 2007

LAKE=BARKLEY

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
BLUE CATFISH	15083	39.8	5.1	15083	13593	41.9	9.7	13593	9.9	1.46	147
CHANNEL CATFISH	7879	49.8	2.7	7752	7820	49.9	5.6	7820	0.7	2.49	61
FLATHEAD CATFISH	294	472.8	0.1	294	294	472.8	0.2	294	0.0	2.55	2
WHITE BASS	2471	136.0	0.8	786	887	231.0	0.6	610	64.1	0.71	16
YELLOW BASS	14196	48.8	4.8	762	944	170.1	0.7	0	93.4	0.32	9
BLUEGILL	59116	20.8	20.0	47382	33435	28.3	24.0	31769	43.4	0.23	301
REDEAR SUNFISH	5483	49.1	1.9	5483	4402	48.7	3.2	4402	19.7	0.51	28
SPOTTED BASS	1010	429.0	0.3	1010	0	.	0.0	0	100.0	.	0
LARGEMOUTH BASS	55898	18.1	18.9	54366	1122	111.3	0.8	1122	98.0	1.79	11
WHITE CRAPPIE	67270	25.0	22.8	67270	38273	33.7	27.4	38273	43.1	0.71	485
BLACK CRAPPIE	63099	24.9	21.4	63099	38714	32.1	27.8	38714	38.6	0.79	505
FRESHWATER DRUM	3475	83.1	1.2	188	0	.	0.0	0	100.0	.	0

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2007

LAKE=BARKLEY

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	30020	10.2	4982	21.7	0.81	35.5	0.75	35.3	54
WHITE BASS	813	71.8	128	0.6	1.09		0.81		2
ANY SUNFISH	4865	11.4	823	3.5	7.19	10.8	5.32	8.5	8
ANY BLACK BASS	42955	14.1	6986	31.1	1.30	16.0	0.15	40.1	109
ANY CRAPPIE	51224	23.5	8223	37.1	3.04	17.4	1.79	17.6	109
ANY SPECIES	8199	9.9	1378	5.9	2.05	43.8	0.80	56.6	9
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TOTAL	**138076**		**22520**						

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2007

LAKE=BARKLEY

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	BLUE CATFISH	0.53	0.47
	CHANNEL CATFISH	0.27	0.27
	FLATHEAD CATFISH	0.01	0.01
ANY SUNFISH			
	BLUEGILL	6.44	4.67
	REDEAR SUNFISH	0.75	0.65
ANY BLACK BASS			
	SPOTTED BASS	0.02	0.00
	LARGEMOUTH BASS	1.27	0.03
ANY CRAPPIE			
	WHITE CRAPPIE	1.57	0.89
	BLACK CRAPPIE	1.47	0.90

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)

LAKE=BARKLEY

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEWS (NON-TOURNAMENT)
02 FEBRUARY	0		0	0.80	2
03 MARCH	66	1.20	4	1.30	4
04 APRIL	30	1.25	2	1.10	8
05 MAY	0		0	0.92	8
06 JUNE	28	1.52	3	1.71	12
07 JULY	30	1.46	5	1.48	16
08 AUGUST	33	1.31	2	0.78	7
09 SEPTEMBER	41	1.30	3	1.76	9
10 OCTOBER	36	1.46	4	1.54	7
11 NOVEMBER	66	1.23	4	1.18	8

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2007

LAKE=BARKLEY

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	58010	38890	96900	54
WHITE BASS	5570	820	2470	2
ANY SUNFISH	10450	6270	16720	8
ANY BLACK BASS	267280	175490	442770	107
ANY CRAPPIE	125380	76060	201440	107
ANY SPECIES	36360	27220	62600	9
TOTAL	**503050**	**324750**	**822900**	**287**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2007

LAKE=BARKLEY

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	528	98.3
OTHERS	9	1.7

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
DAVIDSON	37	7.0
MONTGOMERY	205	39.0
ROBERTSON	38	7.2
STEWART	217	41.3
OTHERS IN TN	29	5.5

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	258	48.0
B) 26-100	272	50.7
C) 101-250	1	0.2
D) > 250	6	1.1

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	285	99
B) VACATION	3	1

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	262	90.7
B) 2-5	25	8.7
C) 6-10	1	0.3
D) 11-15	1	0.3

PICKWICK
RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE=PICKWICK

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	1323	100.0	0.2	160	0.0	1.1
02 FEBRUARY	1509	54.3	0.2	174	0.0	1.3
03 MARCH	10744	9.6	1.7	1254	0.2	9.2
04 APRIL	5590	80.8	0.9	958	0.2	4.8
05 MAY	23523	20.0	3.8	3233	0.5	20.1
06 JUNE	31872	.	5.2	3949	0.6	27.3
07 JULY	13597	46.6	2.2	2092	0.3	11.6
08 AUGUST	9005	12.2	1.5	1512	0.2	7.7
09 SEPTEMBER	12530	23.7	2.0	1964	0.3	10.7
10 OCTOBER	4082	.	0.7	612	0.1	3.5
11 NOVEMBER	0	.	0.0	.	.	0.0
12 DECEMBER	3088	.	0.5	537	0.1	2.6
TOTAL	**116863**			**16445**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2007

LAKE=PICKWICK

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE FOR HARVEST RATE
01 JANUARY	490	.	0.37	.	79	.	0.06	.
02 FEBRUARY	558	.	0.37	.	257	.	0.17	.
03 MARCH	9992	33.1	0.93	31.6	6232	41.1	0.58	39.8
04 APRIL	3857	.	0.69	.	839	.	0.15	.
05 MAY	22817	30.0	0.97	21.9	8233	21.4	0.35	7.5
06 JUNE	26454	.	0.83	.	10518	.	0.33	.
07 JULY	7342	62.4	0.54	37.5	2311	63.8	0.17	40.1
08 AUGUST	7474	12.5	0.83	2.5	1981	15.5	0.22	9.4
09 SEPTEMBER	4761	46.4	0.38	38.4	1629	33.8	0.13	23.5
10 OCTOBER	2980	.	0.73	.	245	.	0.06	.
12 DECEMBER	4694	.	1.52	.	679	.	0.22	.
TOTAL	**91419**				**33003**			

SUMMARY OF SPECIES CATCH STATISTICS - 2007

LAKE=PICKWICK

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
BLUE CATFISH	16290	18.7	17.8	16037	11382	21.5	34.5	11382	30.1	3.92	81
CHANNEL CATFISH	5565	60.9	6.1	5224	4538	66.2	13.7	4125	18.5	2.38	31
BLUEGILL	12460	33.6	13.6	10500	3686	51.6	11.2	2552	70.4	0.25	13
REDEAR SUNFISH	229	604.6	0.3	229	229	604.6	0.7	229	0.0	0.65	1
SMALLMOUTH BASS	3682	94.3	4.0	3682	49	0.0	0.1	49	98.7	6.90	1
SPOTTED BASS	5846	76.1	6.4	5846	229	604.6	0.7	229	96.1	4.10	1
LARGEMOUTH BASS	36428	16.4	39.9	35999	2923	37.5	8.9	2923	92.0	2.74	21
WHITE CRAPPIE	10669	29.6	11.7	10118	9842	27.7	29.8	9291	7.8	0.64	143
BLACK CRAPPIE	118	547.3	0.1	118	118	547.3	0.4	118	0.0	0.98	3
SAUGER	104	.	0.1	104	8	.	0.0	8	92.3	6.10	1

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2007

LAKE=PICKWICK

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	36339	15.4	5287	31.1	0.70	19.1	0.54	21.4	33
ANY SUNFISH	1561	90.8	247	1.3	1.81		0.00		2
ANY BLACK BASS	55813	10.2	7882	47.8	1.08	29.1	0.14	99.8	78
SMALLMOUTH BASS	503	107.7	58	0.4	0.63		0.00		1
LARGEMOUTH BASS	1045	107.7	144	0.9	1.00		0.00		1
ANY CRAPPIE	12324	19.2	1546	10.5	0.93	16.9	0.80	31.0	18
SAUGER	252	156.4	29	0.2	0.75		0.13		1
ANY SPECIES	9026	34.5	1251	7.7	1.09	38.8	0.45	67.9	7
TOTAL	**116863**		**16444**						

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2007

LAKE=PICKWICK

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	BLUE CATFISH	0.53	0.40
	CHANNEL CATFISH	0.17	0.14
ANY SUNFISH			
	BLUEGILL	1.77	0.00
	REDEAR SUNFISH	0.04	0.00
ANY BLACK BASS			
ANY BLACK BASS			
ANY BLACK BASS			
	SMALLMOUTH BASS	0.06	0.00
	SPOTTED BASS	0.10	0.00
	LARGEMOUTH BASS	0.63	0.05
ANY CRAPPIE			
	WHITE CRAPPIE	0.92	0.79
	BLACK CRAPPIE	0.01	0.01

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)

LAKE=PICKWICK

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEWS (NON-TOURNAMENT)
01 JANUARY	0		0	0.70	4
02 FEBRUARY	0		0	0.63	1
03 MARCH	0		0	1.80	11
04 APRIL	0		0	0.95	6
05 MAY	0		0	1.02	10
06 JUNE	36	0.63	4	1.00	4
07 JULY	0		0	1.67	5
08 AUGUST	24	0.80	2	0.81	8
09 SEPTEMBER	32	1.40	4	0.52	8
12 DECEMBER	0		0	1.43	7

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2007

LAKE=PICKWICK

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	37280	6970	44250	33
ANY SUNFISH	1740	0	1740	2
ANY BLACK BASS	301170	8080	309250	76
SMALLMOUTH BASS	290	290	580	1
LARGEMOUTH BASS	2160	1440	3590	1
ANY CRAPPIE	12080	12010	24080	18
SAUGER	1450	0	1450	1
ANY SPECIES	16880	2100	18990	7
TOTAL	**373050**	**30890**	**403930**	**139**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2007

LAKE=PICKWICK

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
MS	135	47.5
TN	147	51.8
OTHERS	2	0.7

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
DECATUR	9	6.1
HARDIN	21	14.3
HAYWOOD	8	5.4
MADISON	24	16.3
SHELBY	26	17.7
WAYNE	10	6.8
OTHERS IN TN	49	33.3

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	182	63.9
B) 26-100	89	31.2
C) 101-250	12	4.2
D) > 250	2	0.7

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	120	84.5
B) VACATION	10	7.0
C) BUSINESS	12	8.5

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	120	84.5
B) 2-5	22	15.5

REELFOOT
RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE=REELFOOT

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
02 FEBRUARY	7095	51.0	0.7	1127	0.1	1.6
03 MARCH	105166	19.5	10.1	14975	1.4	23.1
04 APRIL	118171	22.2	11.3	15562	1.5	26.0
05 MAY	158286	22.9	15.2	20256	1.9	34.8
06 JUNE	27685	29.2	2.7	3995	0.4	6.1
07 JULY	9506	39.7	0.9	1648	0.2	2.1
08 AUGUST	2540	37.5	0.2	517	0.0	0.6
09 SEPTEMBER	5086	45.1	0.5	916	0.1	1.1
10 OCTOBER	18675	27.2	1.8	3040	0.3	4.1
11 NOVEMBER	3036	36.7	0.3	485	0.0	0.7
TOTAL	**455246**			**62521**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2007

LAKE=REELFOOT

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE FOR HARVEST RATE
02 FEBRUARY	4896	97.0	0.69	73.5	2980	101.1	0.42	77.5
03 MARCH	212435	22.5	2.02	11.0	170369	22.3	1.62	10.7
04 APRIL	254068	24.4	2.15	9.9	171348	24.4	1.45	10.0
05 MAY	446367	24.0	2.82	7.1	269086	23.7	1.70	5.8
06 JUNE	46234	38.9	1.67	24.6	29623	40.3	1.07	26.7
07 JULY	17016	50.4	1.79	28.8	5799	60.1	0.61	42.1
08 AUGUST	3099	50.2	1.22	31.3	940	55.6	0.37	38.3
09 SEPTEMBER	9104	60.4	1.79	36.6	4069	64.2	0.80	41.6
10 OCTOBER	33428	38.3	1.79	26.1	17741	40.9	0.95	29.6
11 NOVEMBER	12599	37.0	4.15	4.4	6285	36.9	2.07	3.6
TOTAL	**1039246**				**678240**			

SUMMARY OF SPECIES CATCH STATISTICS - 2007

LAKE=REELFOOT

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
ANY GAR	669	932.5	0.1	0	0	.	0.0	0	100.0	.	0
SHORTNOSE GAR	140	2548.0	0.0	0	140	2548.0	0.0	0	0.0	4.28	2
BOWFIN	179	2846.6	0.0	0	0	.	0.0	0	100.0	.	0
CHANNEL CATFISH	11037	83.1	1.1	1288	9593	92.4	1.4	1079	13.1	3.00	160
YELLOW BASS	22748	54.5	2.2	5864	14375	74.8	2.1	3045	36.8	0.29	203
WARMOUTH	4337	227.8	0.4	4337	1514	499.3	0.2	1514	65.1	0.38	20
BLUEGILL	348592	14.7	33.6	324442	258782	18.5	38.2	241152	25.8	0.43	3611
LONGEAR SUNFISH	222	1974.0	0.0	222	0	.	0.0	0	100.0	.	0
REDEAR SUNFISH	225	3348.2	0.0	225	225	3348.2	0.0	225	0.0	0.85	3
LARGEMOUTH BASS	19446	48.7	1.9	19205	1016	267.6	0.1	960	94.8	3.18	18
WHITE CRAPPIE	609133	9.8	58.8	592009	388104	13.1	57.2	374998	36.3	0.68	5034
BLACK CRAPPIE	5089	208.8	0.5	4897	3371	301.2	0.5	3184	33.8	0.71	36
BLACKNOSE CRAPPIE	351	2271.1	0.0	351	351	2271.1	0.1	351	0.0	0.74	5
FRESHWATER DRUM	13840	76.0	1.3	83	70	1019.7	0.0	0	99.5	3.70	1

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2007

LAKE=REELFOOT

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	846	60.2	154	0.2	0.98	19.0	0.83	20.0	5
ANY SUNFISH	125452	17.7	16496	27.6	2.33	5.4	1.82	5.4	272
ANY BLACK BASS	37790	15.6	5237	8.3	0.61	16.7	0.03	97.5	117
ANY CRAPPIE	278869	11.2	38963	61.3	2.13	10.0	1.40	9.0	625
ANY SPECIES	12288	24.3	1669	2.7	0.38	108.7	0.21	101.3	26
TOTAL	**455245**		**62519**						

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2007

LAKE=REELFOOT

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	CHANNEL CATFISH	0.98	0.83
ANY SUNFISH			
	WARMOUTH	0.03	0.01
	BLUEGILL	2.30	1.81
	LONGEAR SUNFISH	0.00	0.00
	REDEAR SUNFISH	0.00	0.00
ANY BLACK BASS			
	LARGEMOUTH BASS	0.51	0.03
ANY CRAPPIE			
	ANY CRAPPIE	0.00	0.00
	WHITE CRAPPIE	2.11	1.39
	BLACK CRAPPIE	0.02	0.01
	BLACKNOSE CRAPPIE	0.00	0.00

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)

LAKE=REELFOOT

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEWS (NON-TOURNAMENT)
02 FEBRUARY	0		0	0.78	2
03 MARCH	0		0	0.67	10
04 APRIL	0		0	0.74	31
05 MAY	0		0	0.64	37
06 JUNE	0		0	0.46	18
07 JULY	0		0	0.33	9
08 AUGUST	0		0	0.48	7
09 SEPTEMBER	0		0	0.00	1
10 OCTOBER	0		0	0.00	2

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2007

LAKE=REELFOOT

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	3420	640	4060	5
ANY SUNFISH	647970	160900	808880	272
ANY BLACK BASS	70650	26710	97370	116
ANY CRAPPIE	1118420	266650	1385070	621
ANY SPECIES	81890	18250	100140	26
TOTAL	**1922350**	**473150**	**2395520**	**1040**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2007

LAKE=REELFOOT

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
IL	357	18.8
IN	126	6.6
MO	253	13.4
OH	181	9.6
TN	763	40.3
OTHERS	215	11.3

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
CROCKETT	78	10.3
DYER	96	12.7
LAKE	101	13.4
OBION	392	51.9
OTHERS IN TN	87	11.5
OUT-OF-STATE	1	0.1

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	494	26.1
B) 26-100	465	24.6
C) 101-250	213	11.3
D) > 250	720	38.1

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	1041	100

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	592	56.7
B) 2-5	329	31.5
C) 6-10	111	10.6
D) 11-15	5	0.5
E) 16-20	5	0.5
F) >20	3	0.3

TWRA

REGION II

TIMS FORD
RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE=TIMS FORD

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	5212	25.0	0.5	1008	0.1	6.5
02 FEBRUARY	11708	2.7	1.1	2148	0.2	14.5
03 MARCH	10494	16.7	1.0	2158	0.2	13.0
04 APRIL	6088	31.6	0.6	1024	0.1	7.5
05 MAY	10064	22.2	0.9	1685	0.2	12.5
06 JUNE	8348	17.2	0.8	1437	0.1	10.3
07 JULY	6954	24.0	0.7	1297	0.1	8.6
08 AUGUST	2583	28.1	0.2	656	0.1	3.2
09 SEPTEMBER	5263	47.6	0.5	1079	0.1	6.5
10 OCTOBER	4546	22.2	0.4	861	0.1	5.6
11 NOVEMBER	3467	22.5	0.3	668	0.1	4.3
12 DECEMBER	5946	20.3	0.6	1217	0.1	7.4
TOTAL	**80673**			**15238**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2007

LAKE=TIMS FORD

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE FOR HARVEST RATE
01 JANUARY	2398	27.7	0.46	11.4	417	49.6	0.08	43.9
02 FEBRUARY	1873	25.7	0.16	26.3	117	25.3	0.01	23.4
03 MARCH	4722	35.2	0.45	30.8	1679	49.6	0.16	46.4
04 APRIL	3348	40.3	0.55	24.0	548	49.7	0.09	38.1
05 MAY	7347	34.1	0.73	25.3	1711	45.2	0.17	39.3
06 JUNE	3673	37.2	0.44	32.9	250	73.0	0.03	76.4
07 JULY	5146	64.2	0.74	57.8	209	78.9	0.03	68.1
08 AUGUST	1524	46.1	0.59	35.1	103	100.0	0.04	87.8
09 SEPTEMBER	3000	54.1	0.57	23.1	947	77.0	0.18	54.9
10 OCTOBER	2637	27.8	0.58	16.3	818	33.4	0.18	24.7
11 NOVEMBER	1491	35.3	0.43	26.2	173	78.8	0.05	80.7
12 DECEMBER	6660	38.9	1.12	32.5	3924	46.5	0.66	41.1
TOTAL	**43819**				**10896**			

SUMMARY OF SPECIES CATCH STATISTICS - 2007

LAKE=TIMS FORD

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
CARP	34	1430.5	0.1	0	0	.	0.0	0	100.0	.	0
BLUE CATFISH	169	238.9	0.4	85	169	238.9	1.6	85	0.0	1.17	4
CHANNEL CATFISH	1264	101.3	2.9	853	444	70.4	4.1	370	64.9	1.76	18
FLATHEAD CATFISH	177	218.4	0.4	59	108	215.9	1.0	54	39.0	2.19	4
WHITE BASS	2784	79.5	6.4	2099	323	131.7	3.0	124	88.4	0.88	13
STRIPED BASS	1947	66.2	4.4	986	266	109.6	2.4	177	86.3	6.66	15
CHEROKEE BASS	1922	84.3	4.4	782	291	128.2	2.7	109	84.9	5.17	8
ROCK BASS	59	582.4	0.1	59	59	582.4	0.5	59	0.0	0.58	2
BLUEGILL	899	172.9	2.1	400	46	186.8	0.4	46	94.9	0.18	4
SMALLMOUTH BASS	8878	21.9	20.3	8290	459	50.1	4.2	426	94.8	2.98	14
SPOTTED BASS	2280	65.9	5.2	2217	133	126.6	1.2	133	94.2	1.09	5
LARGEMOUTH BASS	11080	22.4	25.3	10408	1772	39.0	16.3	1690	84.0	2.57	39
WHITE CRAPPIE	190	293.5	0.4	95	166	306.2	1.5	95	12.6	1.21	7
BLACK CRAPPIE	2680	56.3	6.1	2095	2392	57.9	22.0	1976	10.7	0.86	45
BLACKNOSE CRAPPIE	5189	33.5	11.8	4777	3996	37.7	36.7	3606	23.0	1.59	81
WALLEYE	537	154.8	1.2	384	267	112.7	2.5	191	50.3	2.60	14
FRESHWATER DRUM	142	372.1	0.3	36	0	.	0.0	0	100.0	.	0

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2007

LAKE=TIMS FORD

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	1391	35.5	247	1.7	0.30	204.4	0.24	256.6	10
WHITE BASS	769	44.9	160	1.0	3.76	35.4	0.20	0.0	6
STRIPED BASS	5003	17.9	941	6.2	0.25	98.3	0.06	52.6	39
CHEROKEE BASS	665	47.1	136	0.8	0.54	0.0	0.03	0.0	6
ANY SUNFISH	444	59.7	78	0.6	2.87		0.00		3
ANY BLACK BASS	48309	7.2	9098	59.9	0.31	23.8	0.03	64.6	351
SMALLMOUTH BASS	193	82.2	33	0.2	0.00		0.00		2
ANY CRAPPIE	12197	12.9	2324	15.1	0.52	53.3	0.35	57.9	93
WALLEYE	4192	21.4	797	5.2	0.11	69.7	0.04	78.9	29
ANY SPECIES	7514	16.0	1420	9.3	0.45	50.1	0.12	109.4	50
TOTAL	**80677**		**15234**						

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2007

LAKE=TIMS FORD

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	ANY CATFISH	0.00	0.00
	BLUE CATFISH	0.03	0.04
	CHANNEL CATFISH	0.26	0.17
	FLATHEAD CATFISH	0.02	0.03
ANY SUNFISH			
	ANY SUNFISH	0.00	0.00
	BLUEGILL	2.87	0.00
ANY BLACK BASS			
	ANY BLACK BASS	0.00	0.00
	SMALLMOUTH BASS	0.17	0.01
	SPOTTED BASS	0.05	0.00
	LARGEMOUTH BASS	0.21	0.03
ANY CRAPPIE			
	ANY CRAPPIE	0.00	0.00
	WHITE CRAPPIE	0.01	0.01
	BLACK CRAPPIE	0.16	0.12
	BLACKNOSE CRAPPIE	0.36	0.22

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)

LAKE=TIMS FORD

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEWS (NON-TOURNAMENT)
01 JANUARY	18	0.22	7	0.33	33
02 FEBRUARY	3	0.25	1	0.19	26
03 MARCH	15	0.20	3	0.38	51
04 APRIL	0		0	0.34	32
05 MAY	7	0.83	1	0.47	32
06 JUNE	0		0	0.13	27
07 JULY	10	0.54	5	0.42	23
08 AUGUST	0		0	0.00	9
09 SEPTEMBER	0		0	0.24	18
10 OCTOBER	0		0	0.67	29
11 NOVEMBER	37	0.33	7	0.33	21
12 DECEMBER	9	0.38	4	0.23	23

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2007

LAKE=TIMS FORD

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY BLACK BASS	472310	736560	1208870	7
ANY CRAPPIE	9160	13740	22910	1
WALLEYE	18910	11180	30080	4
TOTAL	**500380**	**761480**	**1261860**	**12**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2007

LAKE=TIMS FORD

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
IL	2	9.1
TN	19	86.4
OTHERS	1	4.5

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
BEDFORD	8	42.1
FRANKLIN	7	36.8
LINCOLN	2	10.5
MONTGOMERY	2	10.5

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	14	63.6
B) 26-100	6	27.3
D) > 250	2	9.1

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	10	83.3
B) VACATION	2	16.7

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	9	75.0
B) 2-5	2	16.7
C) 6-10	1	8.3

WOODS
RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE=WOODS

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	845	39.7	0.2	189	0.1	1.7
02 FEBRUARY	1708	65.4	0.5	305	0.1	3.4
03 MARCH	8326	58.5	2.3	1317	0.4	16.4
04 APRIL	8899	69.1	2.4	1841	0.5	17.5
05 MAY	7041	24.2	1.9	1519	0.4	13.9
06 JUNE	4750	42.3	1.3	1174	0.3	9.4
07 JULY	5839	15.0	1.6	1435	0.4	11.5
08 AUGUST	2646	40.3	0.7	623	0.2	5.2
09 SEPTEMBER	3997	23.5	1.1	878	0.2	7.9
10 OCTOBER	3732	38.1	1.0	782	0.2	7.4
11 NOVEMBER	587	37.2	0.2	168	0.0	1.2
12 DECEMBER	2345	3.0	0.6	761	0.2	4.6
TOTAL	**50715**			**10992**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2007

LAKE=WOODS

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE FOR HARVEST RATE
01 JANUARY	287	52.3	0.34	31.3	0	.	0.00	.
02 FEBRUARY	290	65.5	0.17	1.7	17	101.9	0.01	100.0
03 MARCH	5911	66.3	0.71	27.0	1832	70.0	0.22	33.5
04 APRIL	16107	77.4	1.81	28.6	5428	88.8	0.61	46.2
05 MAY	9153	37.5	1.30	27.7	1408	48.8	0.20	41.5
06 JUNE	2993	46.9	0.63	18.8	1188	63.9	0.25	44.4
07 JULY	7182	44.1	1.23	41.0	3912	67.3	0.67	64.9
08 AUGUST	6747	63.6	2.55	45.6	741	79.6	0.28	63.0
09 SEPTEMBER	2718	31.7	0.68	20.5	679	60.1	0.17	54.3
10 OCTOBER	3545	43.3	0.95	19.1	1232	74.5	0.33	60.7
11 NOVEMBER	335	47.3	0.57	27.7	18	124.2	0.03	100.0
12 DECEMBER	1219	14.8	0.52	14.4	868	50.0	0.37	50.0
TOTAL	**56487**				**17323**			

SUMMARY OF SPECIES CATCH STATISTICS - 2007

LAKE=WOODS

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
CHANNEL CATFISH	1173	87.0	2.1	1012	1011	95.5	5.8	870	13.8	2.89	43
FLATHEAD CATFISH	25	1492.8	0.0	0	25	1492.8	0.1	0	0.0	1.09	1
WHITE BASS	581	205.3	1.0	116	176	382.5	1.0	50	69.7	0.88	6
WARMOUTH	53	1134.9	0.1	27	0	.	0.0	0	100.0	.	0
BLUEGILL	2987	73.5	5.3	2151	1024	113.1	5.9	853	65.7	0.30	54
REDEAR SUNFISH	40	1553.1	0.1	0	40	1553.1	0.2	0	0.0	0.54	1
SMALLMOUTH BASS	267	333.7	0.5	200	68	943.5	0.4	68	74.5	1.17	4
SPOTTED BASS	85	525.1	0.2	85	0	.	0.0	0	100.0	.	0
LARGEMOUTH BASS	20851	29.0	36.8	20568	3102	46.3	17.9	3054	85.1	1.47	195
WHITE CRAPPIE	6314	59.3	11.1	6031	5160	67.6	29.8	5006	18.3	0.79	166
BLACK CRAPPIE	2303	62.7	4.1	2278	2201	63.7	12.7	2177	4.4	0.79	90
BLACKNOSE CRAPPIE	1220	114.4	2.2	803	971	94.1	5.6	666	20.4	0.98	35

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2007

LAKE=WOODS

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	1869	34.5	436	3.7	0.61	44.4	0.41	75.0	9
ANY SUNFISH	1692	37.0	389	3.3	2.96	64.8	1.59	41.9	7
ANY BLACK BASS	24004	18.6	5120	47.3	0.64	47.1	0.15	45.0	179
LARGEMOUTH BASS	126	135.0	30	0.2	0.89		0.00		1
ANY CRAPPIE	18926	27.4	4066	37.3	0.75	38.9	0.39	37.4	95
ANY SPECIES	4098	24.3	948	8.1	0.74	27.3	0.17	61.8	18
TOTAL	**50715**		**10989**						

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2007

LAKE=WOODS

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	ANY CATFISH	0.00	0.00
	CHANNEL CATFISH	0.61	0.41
	FLATHEAD CATFISH	0.00	0.00
ANY SUNFISH			
	ANY SUNFISH	0.00	0.00
	WARMOUTH	0.04	0.00
	BLUEGILL	2.92	1.59
	REDEAR SUNFISH	0.00	0.00
ANY BLACK BASS			
ANY BLACK BASS			
	SMALLMOUTH BASS	0.01	0.00
	SPOTTED BASS	0.00	0.00
	LARGEMOUTH BASS	0.85	0.13
ANY CRAPPIE			
	ANY CRAPPIE	0.00	0.00
	WHITE CRAPPIE	0.50	0.25
	BLACK CRAPPIE	0.19	0.11
	BLACKNOSE CRAPPIE	0.07	0.03

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)

LAKE=WOODS

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEWS (NON-TOURNAMENT)
01 JANUARY	0		0	0.29	4
02 FEBRUARY	68	0.05	7	0.23	6
03 MARCH	88	0.40	44	0.70	7
04 APRIL	0		0	1.00	9
05 MAY	0		0	0.31	6
06 JUNE	20	0.12	3	0.40	17
07 JULY	0		0	0.34	16
08 AUGUST	0		0	2.95	11
09 SEPTEMBER	6	0.64	1	0.48	21
10 OCTOBER	26	0.17	4	0.56	15
11 NOVEMBER	0		0	0.71	5

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2007

LAKE=WOODS

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY BLACK BASS	48460	73530	121990	2
TOTAL	**48460**	**73530**	**121990**	**2**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2007

LAKE=WOODS

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	3	100

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
FRANKLIN	1	33.3
RUTHERFORD	2	66.7

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	1	33.3
B) 26-100	2	66.7

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	2	100

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	2	100

J. PERCY PRIEST RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE=PERCY PRIEST

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	14402	20.6	1.0	3001	0.2	2.1
02 FEBRUARY	9489	30.3	0.7	2397	0.2	1.4
03 MARCH	89270	13.7	6.3	16741	1.2	13.1
04 APRIL	114433	15.9	8.1	24948	1.8	16.8
05 MAY	85478	14.8	6.0	18925	1.3	12.5
06 JUNE	84937	16.5	6.0	17886	1.3	12.5
07 JULY	65838	25.8	4.6	14819	1.0	9.7
08 AUGUST	43835	23.5	3.1	10229	0.7	6.4
09 SEPTEMBER	69771	7.8	4.9	15786	1.1	10.2
10 OCTOBER	48725	11.0	3.4	9478	0.7	7.2
11 NOVEMBER	30776	19.1	2.2	6377	0.4	4.5
12 DECEMBER	24443	24.6	1.7	5027	0.4	3.6
TOTAL	**681397**			**145614**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2007

LAKE=PERCY PRIEST

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE FOR HARVEST RATE
01 JANUARY	18435	33.1	1.28	25.4	7777	38.6	0.54	31.8
02 FEBRUARY	31124	52.2	3.28	40.6	13190	53.5	1.39	42.1
03 MARCH	119622	19.6	1.34	13.9	37493	20.3	0.42	14.8
04 APRIL	189959	20.0	1.66	12.1	35474	18.3	0.31	8.9
05 MAY	111976	15.6	1.31	4.9	35046	21.5	0.41	15.5
06 JUNE	84088	21.2	0.99	13.2	19536	25.3	0.23	18.7
07 JULY	79006	28.1	1.20	10.9	25677	33.8	0.39	21.1
08 AUGUST	79341	29.4	1.81	17.2	29808	36.9	0.68	27.7
09 SEPTEMBER	69771	26.9	1.00	25.6	18838	30.7	0.27	29.7
10 OCTOBER	72600	14.4	1.49	9.3	19977	27.8	0.41	25.1
11 NOVEMBER	38778	20.8	1.26	8.1	10464	27.2	0.34	18.9
12 DECEMBER	56219	31.9	2.30	19.8	16132	45.7	0.66	37.5
TOTAL	**950919**				**269412**			

SUMMARY OF SPECIES CATCH STATISTICS - 2007

LAKE=PERCY PRIEST

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
CARP	862	830.9	0.1	157	108	1252.7	0.0	108	87.5	6.05	1
ANY BUFFALO	154	2918.4	0.0	0	0	.	0.0	0	100.0	.	0
ANY BULLHEAD	69	2820.7	0.0	69	0	.	0.0	0	100.0	.	0
BLUE CATFISH	616	654.8	0.1	440	367	842.3	0.1	184	40.4	6.21	4
CHANNEL CATFISH	25773	29.0	2.7	15916	19840	29.7	7.4	13735	23.0	1.65	206
FLATHEAD CATFISH	3725	149.1	0.4	2701	3311	142.0	1.2	2649	11.1	11.17	34
WHITE BASS	47884	24.8	5.0	19546	12277	36.0	4.6	7457	74.4	0.87	135
YELLOW BASS	93323	17.7	9.8	28655	31975	22.9	11.9	13125	65.7	0.40	363
STRIPED BASS	8607	137.4	0.9	5545	1587	202.7	0.6	705	81.6	9.34	18
CHEROKEE BASS	33347	37.2	3.5	11921	8801	50.8	3.3	4037	73.6	4.52	106
GREEN SUNFISH	14256	71.8	1.5	13497	10097	77.2	3.7	9720	29.2	0.18	107
WARMOUTH	1856	383.0	0.2	835	859	379.6	0.3	477	53.7	0.46	9
BLUEGILL	106200	14.8	11.2	65728	31458	20.9	11.7	21504	70.4	0.30	335
LONGEAR SUNFISH	3741	222.8	0.4	3118	1728	266.7	0.6	1536	53.8	0.16	18
REDEAR SUNFISH	1715	452.9	0.2	1110	1095	314.0	0.4	1095	36.2	0.21	11
SMALLMOUTH BASS	21588	47.7	2.3	2501	2101	98.4	0.8	175	90.3	3.38	24
SPOTTED BASS	34089	38.8	3.6	1154	3579	84.2	1.3	283	89.5	1.04	38
LARGEMOUTH BASS	274688	8.5	28.9	232051	21741	15.0	8.1	20478	92.1	2.47	238
WHITE CRAPPIE	170526	10.9	17.9	161594	69249	13.4	25.7	67447	59.4	0.83	807
BLACK CRAPPIE	100874	14.7	10.6	98930	48387	17.3	18.0	46986	52.0	0.84	585
WALLEYE	120	2669.6	0.0	0	0	.	0.0	0	100.0	.	0
FRESHWATER DRUM	5465	156.6	0.6	2039	388	373.2	0.1	291	92.9	1.25	4

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2007

LAKE=PERCY PRIEST

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	43636	11.1	9510	6.4	0.32	35.8	0.28	39.3	134
WHITE BASS	7174	22.2	1565	1.1	0.86	54.0	0.33	55.6	26
STRIPED BASS	27894	12.2	5913	4.1	0.13	73.9	0.02	158.2	82
CHEROKEE BASS	19343	14.3	4121	2.8	0.29	68.1	0.11	77.4	55
ANY SUNFISH	20716	14.8	4504	3.0	1.94	24.8	0.71	47.0	64
SMALLMOUTH BASS	6248	23.6	1328	0.9	0.28	94.4	0.04	193.7	22
LARGEMOUTH BASS	246207	6.1	52599	36.1	0.66	14.4	0.05	32.2	847
ANY CRAPPIE	156386	7.2	32933	23.0	1.23	17.4	0.52	17.6	487
ANY SPECIES	153163	7.0	32997	22.5	1.10	29.3	0.32	33.1	440
OTHER	633	66.0	144	0.1	0.00		0.00		3
TOTAL	**681400**		**145614**						

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2007

LAKE=PERCY PRIEST

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	ANY BULLHEAD	0.00	0.00
	BLUE CATFISH	0.01	0.00
	CHANNEL CATFISH	0.27	0.23
	FLATHEAD CATFISH	0.05	0.04
ANY SUNFISH			
	GREEN SUNFISH	0.31	0.20
	WARMOUTH	0.02	0.01
	BLUEGILL	1.51	0.44
	LONGEAR SUNFISH	0.07	0.03
	REDEAR SUNFISH	0.03	0.02
ANY BLACK BASS			
	ANY BLACK BASS	0.00	0.00
	SMALLMOUTH BASS	0.01	0.00
	SPOTTED BASS	0.00	0.00
	LARGEMOUTH BASS	0.92	0.08
ANY CRAPPIE			
	ANY CRAPPIE	0.00	0.00
	WHITE CRAPPIE	0.76	0.31
	BLACK CRAPPIE	0.47	0.21

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)

LAKE=PERCY PRIEST

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEWS (NON-TOURNAMENT)
01 JANUARY	15	0.76	5	0.80	17
02 FEBRUARY	64	0.13	8	0.27	10
03 MARCH	65	0.47	56	0.45	75
04 APRIL	41	0.31	17	1.25	78
05 MAY	6	1.05	4	0.81	73
06 JUNE	20	0.82	17	0.74	89
07 JULY	4	0.39	10	0.74	111
08 AUGUST	28	0.36	12	0.48	43
09 SEPTEMBER	16	0.55	15	0.60	97
10 OCTOBER	18	0.76	5	0.68	52
11 NOVEMBER	23	0.06	8	0.50	36
12 DECEMBER	9	0.36	1	0.42	27

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2007

LAKE=PERCY PRIEST

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	84970	67350	152310	45
WHITE BASS	16540	7100	23640	10
STRIPED BASS	106180	59180	165360	36
CHEROKEE BASS	45740	59170	104910	22
ANY SUNFISH	41570	16030	57610	30
SMALLMOUTH BASS	19630	8390	28030	14
LARGEMOUTH BASS	894400	458670	1353070	113
ANY CRAPPIE	395810	170280	566090	71
ANY SPECIES	351310	244970	596280	52
TOTAL	**1956150**	**1091140**	**3047300**	**393**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2007

LAKE=PERCY PRIEST

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	711	95.1
OTHERS	37	4.9

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
DAVIDSON	195	27.7
RUTHERFORD	326	46.2
WILLIAMSON	58	8.2
WILSON	55	7.8
OTHERS IN TN	71	10.1

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	594	80.2
B) 26-100	113	15.2
C) 101-250	10	1.3
D) > 250	24	3.2

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	389	98.7
B) VACATION	3	0.8
D) OTHER	2	0.5

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	378	95.9
B) 2-5	12	3.0
C) 6-10	4	1.0

OLD HICKORY RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE=OLD HICKORY

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	15300	34.8	0.7	2853	0.1	1.5
02 FEBRUARY	22446	48.2	1.0	5363	0.2	2.2
03 MARCH	159500	24.5	7.1	31664	1.4	15.7
04 APRIL	104458	11.0	4.6	20849	0.9	10.3
05 MAY	183291	15.8	8.1	35995	1.6	18.1
06 JUNE	158023	15.9	7.0	35486	1.6	15.6
07 JULY	103550	14.7	4.6	24299	1.1	10.2
08 AUGUST	89989	9.3	4.0	22255	1.0	8.9
09 SEPTEMBER	47685	16.7	2.1	9573	0.4	4.7
10 OCTOBER	86175	21.9	3.8	19320	0.9	8.5
11 NOVEMBER	26850	27.1	1.2	7373	0.3	2.6
12 DECEMBER	16299	40.2	0.7	3051	0.1	1.6
TOTAL	**1013566**			**218081**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2007

LAKE=OLD HICKORY

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE FOR HARVEST RATE
01 JANUARY	17289	54.7	1.13	39.9	4437	45.1	0.29	27.2
02 FEBRUARY	50952	64.3	2.27	38.3	36811	74.9	1.64	51.8
03 MARCH	341330	28.4	2.14	13.8	82940	28.0	0.52	13.1
04 APRIL	233986	29.3	2.24	27.0	45962	28.0	0.44	25.4
05 MAY	346420	21.7	1.89	14.7	95311	27.5	0.52	22.1
06 JUNE	244936	27.6	1.55	22.4	48987	27.7	0.31	22.6
07 JULY	89053	20.6	0.86	14.4	13462	35.8	0.13	32.1
08 AUGUST	134984	16.9	1.50	14.0	17098	26.7	0.19	25.2
09 SEPTEMBER	58176	28.0	1.22	22.1	7630	55.3	0.16	51.7
10 OCTOBER	116336	29.5	1.35	19.4	19820	30.2	0.23	20.4
11 NOVEMBER	36516	31.0	1.36	14.5	9129	43.8	0.34	33.7
12 DECEMBER	24611	40.8	1.51	6.5	4890	43.4	0.30	15.4
TOTAL	**1694589**				**386477**			

SUMMARY OF SPECIES CATCH STATISTICS - 2007

LAKE=OLD HICKORY

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
MOONEYE	470	2361.4	0.0	0	0	.	0.0	0	100.0	.	0
CARP	1046	988.7	0.1	149	0	.	0.0	0	100.0	.	0
ANY BUFFALO	445	1222.9	0.0	0	223	1084.6	0.1	0	49.9	6.22	1
BLUE CATFISH	946	643.4	0.1	946	817	705.2	0.2	817	13.6	4.12	5
CHANNEL CATFISH	30243	64.5	1.8	19751	18562	54.7	4.8	14074	38.6	2.49	91
FLATHEAD CATFISH	926	734.9	0.1	556	568	634.3	0.1	568	38.7	4.70	3
ANY TEMPERATE BASS	1777	559.9	0.1	0	1777	559.9	0.5	0	0.0	0.75	0
WHITE BASS	97818	29.1	5.8	45277	29469	43.9	7.6	25634	69.9	0.74	146
YELLOW BASS	64364	53.5	3.8	21017	11219	82.5	2.9	5134	82.6	0.44	59
STRIPED BASS	10995	179.8	0.6	7772	4546	98.9	1.2	3599	58.7	5.34	24
CHEROKEE BASS	2027	755.4	0.1	169	50	1077.7	0.0	0	97.5	5.25	1
ROCK BASS	215	2036.3	0.0	0	215	2036.3	0.1	0	0.0	1.00	1
GREEN SUNFISH	29093	96.8	1.7	26911	18715	80.2	4.8	16844	35.7	0.17	90
WARMOUTH	11749	205.0	0.7	3730	2634	247.5	0.7	2107	77.6	0.29	14
BLUEGILL	341726	13.3	20.1	234948	84706	19.4	21.9	72605	75.2	0.29	425
LONGEAR SUNFISH	14533	120.9	0.9	13443	8400	122.6	2.2	8173	42.2	0.20	37
REDEAR SUNFISH	25295	99.3	1.5	21177	13306	68.1	3.4	12328	47.4	0.36	68
SMALLMOUTH BASS	9761	198.9	0.6	1126	1327	238.5	0.3	0	86.4	3.15	6
SPOTTED BASS	15552	150.0	0.9	1694	1724	396.3	0.4	0	88.9	1.59	7
LARGEMOUTH BASS	580433	10.9	34.2	528867	49473	16.8	12.8	45367	91.5	1.87	253
WHITE CRAPPIE	276870	18.4	16.3	262947	112791	21.0	29.2	110017	59.3	0.72	488
BLACK CRAPPIE	41747	85.3	2.5	38888	7543	91.0	2.0	6673	81.9	0.83	52
BLACKNOSE CRAPPIE	1195	1005.3	0.1	1195	935	1015.6	0.2	935	21.8	0.75	5
SAUGER	104310	57.5	6.1	88926	15199	69.8	3.9	12928	85.4	1.45	87
WALLEYE	4141	337.4	0.2	1183	1296	245.6	0.3	589	68.7	2.53	11
FRESHWATER DRUM	28281	78.4	1.7	3585	982	234.0	0.3	0	96.5	3.05	4

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2007

LAKE=OLD HICKORY

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	80475	11.1	17640	7.9	0.22	31.5	0.17	37.5	112
WHITE BASS	26106	17.4	5968	2.6	1.04	64.6	0.59	59.8	42
STRIPED BASS	45943	13.6	10258	4.5	0.20	104.4	0.09	105.3	67
CHEROKEE BASS	386	93.5	78	0.0	0.00		0.00		1
ANY SUNFISH	70707	11.7	15375	7.0	3.03	29.8	1.19	47.6	104
SMALLMOUTH BASS	2071	59.2	476	0.2	0.10		0.00		5
LARGEMOUTH BASS	422354	7.5	89860	41.7	0.88	14.2	0.07	25.8	706
ANY CRAPPIE	134570	12.6	27483	13.3	1.50	20.4	0.56	22.7	182
SAUGER	42384	15.9	9527	4.2	1.57	70.3	0.17	56.3	99
WALLEYE	12910	23.6	2905	1.3	0.06	100.4	0.04	177.3	24
SAUGEYE	1521	74.0	349	0.2	0.00		0.00		2
ANY SPECIES	174139	8.5	38160	17.2	1.48	28.0	0.32	48.5	250
TOTAL	**1013566**		**218079**						

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2007

LAKE=OLD HICKORY

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	BLUE CATFISH	0.01	0.01
	CHANNEL CATFISH	0.20	0.15
	FLATHEAD CATFISH	0.01	0.01
ANY SUNFISH			
	GREEN SUNFISH	0.27	0.18
	WARMOUTH	0.04	0.02
	BLUEGILL	2.37	0.77
	LONGEAR SUNFISH	0.14	0.09
	REDEAR SUNFISH	0.21	0.13
ANY BLACK BASS			
	ANY BLACK BASS	0.00	0.00
	SMALLMOUTH BASS	0.00	0.00
	SPOTTED BASS	0.00	0.00
	LARGEMOUTH BASS	1.25	0.11
ANY CRAPPIE			
	WHITE CRAPPIE	1.30	0.52
	BLACK CRAPPIE	0.19	0.03
	BLACKNOSE CRAPPIE	0.01	0.00

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)

LAKE=OLD HICKORY

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEWS (NON-TOURNAMENT)
01 JANUARY	0		0	0.85	4
02 FEBRUARY	0		0	0.53	15
03 MARCH	48	0.69	33	1.06	66
04 APRIL	51	0.84	7	0.62	21
05 MAY	31	1.28	30	1.13	123
06 JUNE	21	1.15	21	0.89	83
07 JULY	25	0.48	16	0.78	75
08 AUGUST	4	1.20	5	0.58	26
09 SEPTEMBER	29	0.74	21	0.69	65
10 OCTOBER	7	0.85	7	0.53	59
11 NOVEMBER	0		0	0.71	18
12 DECEMBER	59	1.20	4	0.38	12

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2007

LAKE=OLD HICKORY

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	202510	58700	261210	54
WHITE BASS	48940	33770	82710	17
STRIPED BASS	197010	121450	318460	24
ANY SUNFISH	119920	107520	227450	48
SMALLMOUTH BASS	2780	5230	8010	5
LARGEMOUTH BASS	2107680	1222920	3330610	126
ANY CRAPPIE	368970	193050	562020	37
SAUGER	149700	75460	225170	29
WALLEYE	84400	77000	161400	13
ANY SPECIES	337300	204140	541440	33
TOTAL	**3619210**	**2099240**	**5718480**	**386**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2007

LAKE=OLD HICKORY

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	694	93.4
OTHERS	49	6.6

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
DAVIDSON	58	8.4
SMITH	42	6.1
SUMNER	191	27.6
WILSON	224	32.4
OTHERS IN TN	176	25.5

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	539	72.3
B) 26-100	153	20.5
C) 101-250	13	1.7
D) > 250	40	5.4

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	387	99.2
B) VACATION	3	0.8

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	366	93.8
B) 2-5	15	3.8
C) 6-10	6	1.5
D) 11-15	2	0.5
E) 16-20	1	0.3

TWRA

REGION III

CENTER HILL
RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE=CENTER HILL

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	8541	.	0.5	1475	0.1	3.1
02 FEBRUARY	19333	25.6	1.1	3843	0.2	7.0
03 MARCH	50669	36.0	2.8	8140	0.4	18.3
04 APRIL	37247	18.6	2.0	6053	0.3	13.4
05 MAY	34255	17.4	1.9	6747	0.4	12.4
06 JUNE	29281	19.7	1.6	6337	0.3	10.6
07 JULY	22360	17.6	1.2	4820	0.3	8.1
08 AUGUST	8686	13.5	0.5	2179	0.1	3.1
09 SEPTEMBER	16976	18.7	0.9	3395	0.2	6.1
10 OCTOBER	18788	25.6	1.0	3453	0.2	6.8
11 NOVEMBER	7450	22.0	0.4	1503	0.1	2.7
12 DECEMBER	23633	33.2	1.3	4139	0.2	8.5
TOTAL	**277219**			**52084**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2007

LAKE=CENTER HILL

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE FOR HARVEST RATE
01 JANUARY	1281	.	0.15	.	598	.	0.07	.
02 FEBRUARY	4833	29.6	0.25	14.2	1160	45.9	0.06	35.8
03 MARCH	52189	50.8	1.03	33.8	22294	54.7	0.44	39.1
04 APRIL	27935	26.0	0.75	17.9	8939	26.4	0.24	18.6
05 MAY	40078	26.1	1.17	19.3	21581	30.4	0.63	24.4
06 JUNE	18740	51.8	0.64	46.9	7906	52.1	0.27	46.7
07 JULY	25938	63.9	1.16	60.4	19900	74.1	0.89	70.7
08 AUGUST	3648	25.1	0.42	20.7	2345	41.2	0.27	38.3
09 SEPTEMBER	8318	40.2	0.49	35.2	3565	42.3	0.21	37.8
10 OCTOBER	9018	44.1	0.48	34.7	3758	46.5	0.20	37.8
11 NOVEMBER	8419	44.7	1.13	37.9	2757	38.3	0.37	30.9
12 DECEMBER	8272	73.5	0.35	61.5	4490	63.7	0.19	50.9
TOTAL	**208669**				**99293**			

SUMMARY OF SPECIES CATCH STATISTICS - 2007

LAKE=CENTER HILL

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
CHANNEL CATFISH	4517	105.5	2.2	2793	4216	93.5	4.2	2714	6.7	3.14	73
FLATHEAD CATFISH	1516	225.2	0.7	1516	1516	225.2	1.5	1516	0.0	3.58	19
MUSKELLUNGE	50	1158.4	0.0	0	0	.	0.0	0	100.0	.	0
ROCK BASS	183	1253.2	0.1	0	183	1253.2	0.2	0	0.0	0.70	1
BLUEGILL	71594	25.8	34.4	61556	43902	36.2	44.2	38470	38.7	0.26	792
REDEAR SUNFISH	306	610.2	0.1	306	257	673.8	0.3	257	16.0	0.78	4
SMALLMOUTH BASS	5203	79.1	2.5	4918	830	114.3	0.8	830	84.0	2.70	14
SPOTTED BASS	59663	17.8	28.6	55264	26476	28.2	26.7	24373	55.6	1.52	340
LARGEMOUTH BASS	10593	50.8	5.1	10427	2389	108.0	2.4	2389	77.4	2.80	24
WHITE CRAPPIE	3307	182.0	1.6	2910	1710	264.6	1.7	1330	48.3	0.91	27
BLACK CRAPPIE	3745	185.6	1.8	3178	2216	224.4	2.2	1773	40.8	1.19	20
BLACKNOSE CRAPPIE	36608	33.9	17.6	35041	11398	54.7	11.5	10327	68.9	1.73	142
WALLEYE	8096	70.2	3.9	8096	4198	108.2	4.2	4198	48.1	2.90	63
FRESHWATER DRUM	190	1400.3	0.1	0	0	.	0.0	0	100.0	.	0
ANY SUCKER	381	985.1	0.2	0	0	.	0.0	0	100.0	.	0

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2007

LAKE=CENTER HILL

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	9376	23.1	1828	3.4	0.37	23.1	0.37	23.1	14
ANY SUNFISH	14652	19.5	2934	5.3	6.97	65.4	4.56	96.6	26
ANY BLACK BASS	115056	10.4	20955	41.5	0.58	21.3	0.22	29.0	263
SMALLMOUTH BASS	3392	42.8	601	1.2	0.09	0.0	0.06	0.0	6
SPOTTED BASS	5475	25.1	1147	2.0	0.53	52.5	0.46	54.5	16
ANY CRAPPIE	40376	15.8	7211	14.6	1.67	41.9	0.59	46.3	85
WALLEYE	55678	14.1	10992	20.1	0.16	38.1	0.09	42.1	135
ANY SPECIES	33211	13.7	6415	12.0	0.09	131.6	0.07	159.7	64
TOTAL	**277216**		**52083**						

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2007

LAKE=CENTER HILL

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	CHANNEL CATFISH	0.24	0.24
	FLATHEAD CATFISH	0.13	0.13
ANY SUNFISH			
	BLUEGILL	6.94	4.53
	REDEAR SUNFISH	0.03	0.03
ANY BLACK BASS			
ANY BLACK BASS			
ANY BLACK BASS			
	ANY BLACK BASS	0.00	0.00
	SMALLMOUTH BASS	0.04	0.01
	SPOTTED BASS	0.45	0.20
	LARGEMOUTH BASS	0.08	0.02
ANY CRAPPIE			
	ANY CRAPPIE	0.00	0.00
	WHITE CRAPPIE	0.12	0.06
	BLACK CRAPPIE	0.13	0.08
	BLACKNOSE CRAPPIE	1.42	0.45

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)

LAKE=CENTER HILL

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEWS (NON-TOURNAMENT)
01 JANUARY	56	0.28	3	0.43	6
02 FEBRUARY	11	0.00	3	0.24	37
03 MARCH	20	0.53	3	0.82	26
04 APRIL	13	0.60	9	0.76	57
05 MAY	0		0	0.73	29
06 JUNE	18	0.24	5	0.33	22
07 JULY	31	0.21	2	0.45	11
08 AUGUST	0		0	0.63	11
09 SEPTEMBER	12	0.61	1	0.82	10
10 OCTOBER	0		0	0.46	15
11 NOVEMBER	10	0.00	1	1.23	8
12 DECEMBER	38	0.39	5	0.47	21

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2007

LAKE=CENTER HILL

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	27410	16070	43490	14
ANY SUNFISH	40630	23280	60140	26
ANY BLACK BASS	507070	410670	917740	262
SMALLMOUTH BASS	8530	3340	8740	6
SPOTTED BASS	25050	18270	41840	16
ANY CRAPPIE	116150	87370	200570	85
WALLEYE	192040	146210	338250	134
ANY SPECIES	60570	67510	128080	64
TOTAL	**977450**	**772720**	**1738850**	**607**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2007

LAKE=CENTER HILL

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	1155	98
OTHERS	24	2

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
DAVIDSON	69	6.0
DEKALB	206	17.8
PUTNAM	251	21.7
SMITH	58	5.0
WARREN	171	14.8
WHITE	69	6.0
WILSON	85	7.3
OTHERS IN TN	246	21.3
OUT-OF-STATE	2	0.2

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	782	66.3
B) 26-100	368	31.2
C) 101-250	10	0.8
D) > 250	19	1.6

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	568	93.3
B) VACATION	39	6.4
C) BUSINESS	2	0.3

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	525	86.2
B) 2-5	47	7.7
C) 6-10	27	4.4
D) 11-15	8	1.3
F) >20	2	0.3

CHICKAMAUGA RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE=CHICKAMAUGA

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	13218	20.9	0.4	2121	0.1	2.4
02 FEBRUARY	35444	27.9	1.0	5832	0.2	6.5
03 MARCH	84072	19.0	2.4	13334	0.4	15.4
04 APRIL	67815	28.8	2.0	10075	0.3	12.4
05 MAY	59942	24.5	1.7	9069	0.3	11.0
06 JUNE	32112	15.1	0.9	5214	0.2	5.9
07 JULY	39458	13.1	1.1	6629	0.2	7.2
08 AUGUST	22031	14.0	0.6	3611	0.1	4.0
09 SEPTEMBER	51589	23.1	1.5	8421	0.2	9.4
10 OCTOBER	97349	74.8	2.8	15919	0.5	17.8
11 NOVEMBER	10963	15.5	0.3	1625	0.0	2.0
12 DECEMBER	32100	29.2	0.9	4935	0.1	5.9
TOTAL	**546093**			**86785**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2007

LAKE=CHICKAMAUGA

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE FOR HARVEST RATE
01 JANUARY	37803	29.8	2.86	20.7	9649	37.7	0.73	30.8
02 FEBRUARY	90737	37.4	2.56	24.0	34381	49.7	0.97	39.5
03 MARCH	285845	20.0	3.40	6.2	75665	21.8	0.90	10.4
04 APRIL	182422	29.7	2.69	7.1	47471	33.6	0.70	16.8
05 MAY	221186	27.1	3.69	11.3	103700	31.5	1.73	19.2
06 JUNE	82528	17.2	2.57	8.2	27616	19.9	0.86	12.8
07 JULY	149940	16.7	3.80	10.2	44588	26.7	1.13	23.1
08 AUGUST	54196	28.5	2.46	24.5	14320	40.9	0.65	38.1
09 SEPTEMBER	151672	28.1	2.94	15.5	43335	33.4	0.84	23.5
10 OCTOBER	320278	78.4	3.29	18.7	67171	77.3	0.69	15.3
11 NOVEMBER	31245	21.7	2.85	15.0	8003	25.3	0.73	19.9
12 DECEMBER	103041	30.7	3.21	9.2	23754	32.7	0.74	14.2
TOTAL	**1710893**				**499653**			

SUMMARY OF SPECIES CATCH STATISTICS - 2007

LAKE=CHICKAMAUGA

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
PADDLEFISH	137	1827.5	0.0	0	84	2389.8	0.0	0	38.7	34.60	1
SKIPJACK HERRING	3812	360.3	0.2	2420	0	.	0.0	0	100.0	.	0
ALEWIFE	185	2164.9	0.0	185	0	.	0.0	0	100.0	.	0
CARP	92	3985.0	0.0	0	0	.	0.0	0	100.0	.	0
GOLDEN SHINER	196	3338.1	0.0	196	0	.	0.0	0	100.0	.	0
BLUE CATFISH	167105	19.4	9.8	156518	97315	21.7	19.5	92208	41.8	3.36	1410
CHANNEL CATFISH	54917	42.8	3.2	48203	30222	43.8	6.0	26803	45.0	3.16	442
FLATHEAD CATFISH	10751	117.9	0.6	7991	5698	122.0	1.1	4915	47.0	4.81	80
TIGER MUSKIE	100	3378.8	0.0	100	100	3378.8	0.0	100	0.0	0.65	2
WHITE BASS	52626	44.9	3.1	20148	23746	42.5	4.8	11499	54.9	1.27	413
YELLOW BASS	159219	21.4	9.3	65512	2387	103.1	0.5	289	98.5	1.49	33
STRIPED BASS	7789	274.9	0.5	5263	2856	318.0	0.6	2192	63.3	19.71	41
CHEROKEE BASS	40	2546.8	0.0	40	40	2546.8	0.0	40	0.0	16.20	1
WARMOUTH	1192	748.4	0.1	775	511	923.6	0.1	454	57.1	0.38	9
BLUEGILL	573417	17.4	33.5	354563	179114	16.5	35.8	140337	68.8	0.27	2760
REDEAR SUNFISH	55673	61.2	3.3	46631	36165	61.6	7.2	31369	35.0	0.38	641
SMALLMOUTH BASS	18821	96.6	1.1	15483	1606	200.7	0.3	1606	91.5	4.29	19
SPOTTED BASS	72874	34.1	4.3	67508	1377	136.7	0.3	1215	98.1	1.56	19
LARGEMOUTH BASS	238006	17.0	13.9	224401	27761	24.4	5.6	26891	88.3	2.34	334
WHITE CRAPPIE	54654	43.8	3.2	51540	17187	50.5	3.4	16216	68.6	0.75	225
BLACK CRAPPIE	201365	26.9	11.8	187139	72223	27.2	14.5	67126	64.1	0.80	988
BLACKNOSE CRAPPIE	662	787.7	0.0	662	521	814.5	0.1	521	21.3	0.86	8
SAUGER	1666	337.2	0.1	1111	247	434.7	0.0	247	85.2	1.50	7
FRESHWATER DRUM	36095	52.4	2.1	6329	69	621.3	0.0	69	99.8	.	1

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2007

LAKE=CHICKAMAUGA

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	101168	14.8	16155	18.5	1.85	19.0	1.12	24.0	219
WHITE BASS	2105	45.0	334	0.4	1.39	58.7	0.98	34.2	6
STRIPED BASS	8908	27.1	1417	1.6	0.44	38.9	0.17	53.2	23
ANY SUNFISH	3889	40.9	618	0.7	11.30	16.8	6.45	22.9	9
ANY BLACK BASS	231023	14.7	36655	42.3	1.12	11.4	0.12	57.2	626
SMALLMOUTH BASS	125	147.3	19	0.0	0.00		0.00		1
ANY CRAPPIE	70513	20.7	11123	12.9	2.70	20.4	1.02	19.3	155
SAUGER	491	88.9	78	0.1	1.23		0.19		2
ANY SPECIES	127873	17.6	20378	23.4	5.31	19.1	1.89	31.1	305
TOTAL	**546095**		**86777**						

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2007

LAKE=CHICKAMAUGA

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	ANY CATFISH	0.00	0.00
	BLUE CATFISH	1.36	0.83
	CHANNEL CATFISH	0.42	0.24
	FLATHEAD CATFISH	0.07	0.04
ANY SUNFISH			
	WARMOUTH	0.02	0.02
	BLUEGILL	9.97	5.26
	REDEAR SUNFISH	1.31	1.18
ANY BLACK BASS			
ANY BLACK BASS			
	SMALLMOUTH BASS	0.07	0.01
	SPOTTED BASS	0.29	0.01
	LARGEMOUTH BASS	0.97	0.12
ANY CRAPPIE			
	WHITE CRAPPIE	0.58	0.20
	BLACK CRAPPIE	2.11	0.82
	BLACKNOSE CRAPPIE	0.01	0.01

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)

LAKE=CHICKAMAUGA

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEWS (NON-TOURNAMENT)
01 JANUARY	0		0	0.81	27
02 FEBRUARY	24	0.98	3	1.00	29
03 MARCH	6	3.82	3	1.15	61
04 APRIL	13	1.38	8	1.24	63
05 MAY	11	1.29	6	0.89	72
06 JUNE	0		0	1.15	45
07 JULY	2	2.26	3	1.40	57
08 AUGUST	7	1.34	3	0.79	39
09 SEPTEMBER	6	1.47	1	0.91	53
10 OCTOBER	4	0.53	1	1.06	41
11 NOVEMBER	5	2.23	2	1.07	39
12 DECEMBER	0		0	1.16	55

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2007

LAKE=CHICKAMAUGA

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	400810	259680	660490	200
WHITE BASS	9230	4430	13660	6
STRIPED BASS	49310	36720	86030	22
ANY SUNFISH	7150	10460	17610	7
ANY BLACK BASS	900160	720700	1620860	545
SMALLMOUTH BASS	310	190	500	1
ANY CRAPPIE	225560	163070	388630	145
SAUGER	2370	960	3330	2
ANY SPECIES	232710	238260	470980	233
TOTAL	**1827610**	**1434470**	**3262090**	**1161**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2007

LAKE=CHICKAMAUGA

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
GA	191	8.0
TN	2184	91.6
OTHERS	10	0.4

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
BRADLEY	324	14.9
HAMILTON	1003	46.0
MEIGS	127	5.8
RHEA	198	9.1
SEQUATCHIE	117	5.4
OTHERS IN TN	405	18.6
OUT-OF-STATE	5	0.2

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	1753	73.8
B) 26-100	602	25.4
C) 101-250	17	0.7
D) > 250	2	0.1

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	1241	99.7
B) VACATION	4	0.3

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	1235	99.3
B) 2-5	8	0.6
F) >20	1	0.1

WATTS BAR RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE=WATTS BAR

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	19478	17.5	0.5	3501	0.1	4.4
02 FEBRUARY	25972	40.2	0.7	4424	0.1	5.9
03 MARCH	42657	11.7	1.1	6898	0.2	9.6
04 APRIL	71147	46.9	1.8	10770	0.3	16.1
05 MAY	86012	29.6	2.2	12838	0.3	19.5
06 JUNE	44926	14.5	1.2	6655	0.2	10.2
07 JULY	50168	23.3	1.3	7866	0.2	11.3
08 AUGUST	22334	38.8	0.6	3816	0.1	5.1
09 SEPTEMBER	22256	18.5	0.6	3481	0.1	5.0
10 OCTOBER	21316	13.4	0.5	3384	0.1	4.8
11 NOVEMBER	12714	12.4	0.3	2040	0.1	2.9
12 DECEMBER	23153	52.8	0.6	3849	0.1	5.2
TOTAL	**442133**			**69522**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2007

LAKE=WATTS BAR

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE FOR HARVEST RATE
01 JANUARY	60187	18.0	3.09	4.4	25711	20.5	1.32	10.6
02 FEBRUARY	47269	45.1	1.82	18.9	9610	65.0	0.37	46.9
03 MARCH	143754	16.3	3.37	11.4	36258	19.0	0.85	14.9
04 APRIL	205615	51.4	2.89	19.0	78973	60.3	1.11	34.4
05 MAY	190947	30.8	2.22	8.2	67089	31.7	0.78	10.8
06 JUNE	106924	21.6	2.38	15.9	34144	24.2	0.76	19.1
07 JULY	89801	30.1	1.79	18.6	38128	33.6	0.76	23.6
08 AUGUST	41541	42.5	1.86	16.2	7370	48.4	0.33	26.7
09 SEPTEMBER	32049	29.9	1.44	23.1	4674	46.1	0.21	41.9
10 OCTOBER	48174	30.2	2.26	26.9	13003	50.3	0.61	47.8
11 NOVEMBER	29878	13.2	2.35	4.5	6230	44.1	0.49	42.5
12 DECEMBER	53715	55.9	2.32	16.1	13429	65.1	0.58	33.6
TOTAL	**1049854**				**334619**			

SUMMARY OF SPECIES CATCH STATISTICS - 2007

LAKE=WATTS BAR

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
BOWFIN	1016	1078.6	0.1	1016	284	1608.4	0.1	284	72.0	15.80	2
SKIPJACK HERRING	43463	78.7	4.1	11605	0	.	0.0	0	100.0	.	0
GOLDFISH	586	1521.3	0.1	0	0	.	0.0	0	100.0	.	0
CARP	183	1475.1	0.0	0	0	.	0.0	0	100.0	.	0
ANY BUFFALO	1264	656.4	0.1	1264	0	.	0.0	0	100.0	.	0
BLUE CATFISH	82146	26.5	7.8	73097	48734	31.5	14.6	45115	40.7	4.31	388
CHANNEL CATFISH	28636	60.8	2.7	27267	16773	64.0	5.0	16313	41.4	3.30	146
FLATHEAD CATFISH	7872	137.1	0.7	5353	4226	187.8	1.3	4120	46.3	5.35	40
WHITE BASS	153788	16.9	14.6	81365	77060	21.3	23.0	47671	49.9	1.46	666
YELLOW BASS	60404	34.6	5.8	27786	1391	217.1	0.4	464	97.7	0.76	6
STRIPED BASS	35120	58.3	3.3	24461	10482	87.4	3.1	6413	70.2	16.30	85
CHEROKEE BASS	1701	454.9	0.2	608	1617	466.0	0.5	498	4.9	11.02	13
BLUEGILL	191921	16.8	18.3	125936	67718	24.2	20.2	49259	64.7	0.25	602
REDEAR SUNFISH	184	940.5	0.0	138	134	921.0	0.0	89	27.2	0.37	3
SMALLMOUTH BASS	40623	37.5	3.9	35272	1982	137.5	0.6	1586	95.1	4.01	20
SPOTTED BASS	38260	42.0	3.6	34755	1460	161.0	0.4	973	96.2	1.97	15
LARGEMOUTH BASS	167471	16.2	15.9	155143	17050	33.7	5.1	15950	89.8	2.74	150
WHITE CRAPPIE	76057	37.5	7.2	61242	43876	50.1	13.1	35526	42.3	0.72	286
BLACK CRAPPIE	69540	32.9	6.6	58632	32694	44.3	9.8	26814	53.0	0.83	275
BLACKNOSE CRAPPIE	3588	329.1	0.3	3027	1969	323.0	0.6	1674	45.1	1.19	20
SAUGER	24131	57.6	2.3	20721	6912	77.0	2.1	6108	71.4	1.64	83
WALLEYE	242	1137.7	0.0	81	157	1092.6	0.0	79	35.1	4.70	2
FRESHWATER DRUM	21438	65.4	2.0	6431	0	.	0.0	0	100.0	.	0

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2007

LAKE=WATTS BAR

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	47615	15.9	7393	10.8	1.46	16.5	0.89	17.6	74
WHITE BASS	9157	26.3	1423	2.1	2.88	34.5	1.75	37.2	19
STRIPED BASS	24280	20.1	3845	5.5	0.53	39.0	0.14	50.5	36
ANY SUNFISH	860	105.1	128	0.2	8.86		3.18		1
ANY BLACK BASS	197176	12.0	30774	44.6	0.88	13.0	0.07	43.2	367
ANY CRAPPIE	43334	24.6	6839	9.8	1.78	19.7	0.87	21.9	76
SAUGER	10299	27.6	1730	2.3	1.37	25.1	0.44	25.2	21
ANY SPECIES	109413	11.9	17390	24.7	3.52	23.7	1.37	33.8	196
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TOTAL	**442134**		**69522**						

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2007

LAKE=WATTS BAR

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	BLUE CATFISH	1.01	0.61
	CHANNEL CATFISH	0.38	0.22
	FLATHEAD CATFISH	0.07	0.06
ANY SUNFISH			
	BLUEGILL	8.85	3.17
	REDEAR SUNFISH	0.01	0.01
ANY BLACK BASS			
	ANY BLACK BASS	0.00	0.00
	SMALLMOUTH BASS	0.18	0.01
	SPOTTED BASS	0.18	0.00
	LARGEMOUTH BASS	0.79	0.08
ANY CRAPPIE			
	WHITE CRAPPIE	0.89	0.48
	BLACK CRAPPIE	0.85	0.36
	BLACKNOSE CRAPPIE	0.04	0.02

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)

LAKE=WATTS BAR

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEWS (NON-TOURNAMENT)
01 JANUARY	0		0	1.22	7
02 FEBRUARY	0		0	0.63	19
03 MARCH	0		0	1.18	32
05 MAY	17	1.11	6	0.77	51
06 JUNE	23	0.91	6	0.78	33
07 JULY	14	0.79	3	0.73	24
08 AUGUST	0		0	0.73	26
09 SEPTEMBER	5	0.07	2	0.85	40
10 OCTOBER	19	1.19	4	1.00	26
11 NOVEMBER	0		0	1.03	25
12 DECEMBER	0		0	1.17	18

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2007

LAKE=WATTS BAR

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	196420	132240	328660	68
WHITE BASS	33250	27430	60690	17
STRIPED BASS	80120	81320	161440	32
ANY SUNFISH	830	1600	2440	1
ANY BLACK BASS	865210	612300	1477500	330
ANY CRAPPIE	152940	152710	305650	72
SAUGER	38670	26160	64830	17
ANY SPECIES	232920	256890	489800	154
TOTAL	**1600360**	**1290650**	**2891010**	**691**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2007

LAKE=WATTS BAR

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	1384	94.5
OTHERS	80	5.5

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
ANDERSON	76	5.5
CUMBERLAND	106	7.7
HAMILTON	118	8.5
KNOX	170	12.3
LOUDON	120	8.7
McMINN	136	9.8
RHEA	151	10.9
ROANE	259	18.7
OTHERS IN TN	246	17.8
OUT-OF-STATE	1	0.1

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	940	64.8
B) 26-100	443	30.6
C) 101-250	16	1.1
D) > 250	51	3.5

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	755	99.7
B) VACATION	1	0.1
C) BUSINESS	1	0.1

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	719	95.0
B) 2-5	28	3.7
C) 6-10	7	0.9
D) 11-15	2	0.3
F) >20	1	0.1

DALE HOLLOW RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE=DALE HOLLOW

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	13278	20.6	0.6	2723	0.1	3.5
02 FEBRUARY	18184	23.9	0.8	2928	0.1	4.8
03 MARCH	57258	18.5	2.5	7640	0.3	15.0
04 APRIL	64117	21.8	2.8	8404	0.4	16.8
05 MAY	75162	19.3	3.2	11575	0.5	19.7
06 JUNE	21862	11.0	0.9	3998	0.2	5.7
07 JULY	29981	38.9	1.3	6187	0.3	7.9
08 AUGUST	9423	17.1	0.4	2016	0.1	2.5
09 SEPTEMBER	18280	22.2	0.8	3465	0.1	4.8
10 OCTOBER	31709	16.1	1.4	5156	0.2	8.3
11 NOVEMBER	17502	18.5	0.8	2783	0.1	4.6
12 DECEMBER	24112	32.8	1.0	4184	0.2	6.3
TOTAL	**380868**			**61059**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2007

LAKE=DALE HOLLOW

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE FOR HARVEST RATE
01 JANUARY	6241	32.1	0.47	24.1	929	33.6	0.07	24.7
02 FEBRUARY	2909	38.1	0.16	28.9	0	.	0.00	56.6
03 MARCH	25194	27.4	0.44	19.8	7444	31.4	0.13	25.1
04 APRIL	39753	25.8	0.62	13.4	12182	36.7	0.19	28.7
05 MAY	53365	24.1	0.71	14.1	20294	33.3	0.27	26.6
06 JUNE	13773	21.6	0.63	18.4	4591	23.2	0.21	20.0
07 JULY	9594	43.4	0.32	17.9	5097	47.3	0.17	24.8
08 AUGUST	2544	31.8	0.27	26.1	1885	39.7	0.20	35.5
09 SEPTEMBER	13710	33.7	0.75	24.6	8592	34.8	0.47	26.4
10 OCTOBER	20611	26.2	0.65	20.4	11098	30.4	0.35	25.8
11 NOVEMBER	19952	23.0	1.14	13.3	4376	24.6	0.25	16.1
12 DECEMBER	14467	48.4	0.60	33.7	1688	67.4	0.07	54.2
TOTAL	**222113**				**78176**			

SUMMARY OF SPECIES CATCH STATISTICS - 2007

LAKE=DALE HOLLOW

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
CHANNEL CATFISH	6350	54.9	2.9	4911	6186	54.7	7.9	4939	2.6	4.29	124
FLATHEAD CATFISH	303	573.8	0.1	101	84	1635.5	0.1	84	72.3	4.00	2
RAINBOW TROUT	875	154.0	0.4	875	875	154.0	1.1	875	0.0	2.31	19
BROWN TROUT	92	1217.6	0.0	92	92	1217.6	0.1	92	0.0	6.80	2
WHITE BASS	1534	161.6	0.7	0	841	197.1	1.1	0	45.2	2.23	20
BLUEGILL	28930	27.3	13.0	24176	15687	32.7	20.1	14114	45.8	0.43	389
REDEAR SUNFISH	18146	36.8	8.2	17940	14671	37.6	18.8	14468	19.2	0.50	361
SMALLMOUTH BASS	97792	11.3	44.0	89999	3435	31.2	4.4	3206	96.5	2.56	75
SPOTTED BASS	12985	28.9	5.8	9857	5397	36.5	6.9	4506	58.4	1.76	103
LARGEMOUTH BASS	14929	30.0	6.7	12538	3852	43.9	4.9	3402	74.2	2.81	77
WHITE CRAPPIE	7786	73.7	3.5	7215	3425	92.8	4.4	3267	56.0	1.02	65
BLACK CRAPPIE	6066	72.0	2.7	5857	4661	62.4	6.0	4460	23.2	1.06	116
BLACKNOSE CRAPPIE	11396	44.8	5.1	10476	8327	42.8	10.7	7788	26.9	1.18	198
WALLEYE	12201	27.8	5.5	11253	10338	30.1	13.2	9499	15.3	3.26	234
FRESHWATER DRUM	266	595.8	0.1	0	225	634.7	0.3	0	15.4	10.70	5

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2007

LAKE=DALE HOLLOW

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	4865	28.6	776	1.3	0.51	16.7	0.51	16.7	16
RAINBOW TROUT	708	64.5	118	0.2	0.00		0.00		2
ANY TROUT	5494	27.6	1030	1.4	0.19	37.7	0.19	37.7	14
ANY SUNFISH	17160	16.1	2696	4.5	3.42	19.1	2.35	23.1	57
ANY BLACK BASS	73017	9.3	11546	19.2	0.46	22.3	0.11	37.3	273
SMALLMOUTH BASS	159490	8.7	24663	41.9	0.46	14.0	0.01	59.0	501
SPOTTED BASS	313	100.6	50	0.1	1.79		1.19		1
LARGEMOUTH BASS	2295	36.6	359	0.6	0.67	60.0	0.25	83.2	10
ANY CRAPPIE	39224	11.9	6077	10.3	0.96	32.3	0.55	34.2	130
WALLEYE	37049	16.1	6876	9.7	0.31	20.0	0.26	20.5	162
ANY SPECIES	41254	13.0	6872	10.8	0.26	92.2	0.14	103.9	114
TOTAL	**380869**		**61063**						

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2007

LAKE=DALE HOLLOW

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	CHANNEL CATFISH	0.50	0.50
	FLATHEAD CATFISH	0.01	0.01
ANY TROUT			
	RAINBOW TROUT	0.17	0.17
	BROWN TROUT	0.02	0.02
ANY SUNFISH			
	BLUEGILL	1.96	1.16
	REDEAR SUNFISH	1.46	1.19
ANY BLACK BASS			
ANY BLACK BASS			
ANY BLACK BASS			
ANY BLACK BASS			
	ANY BLACK BASS	0.00	0.00
	SMALLMOUTH BASS	0.38	0.01
	SPOTTED BASS	0.04	0.02
	LARGEMOUTH BASS	0.05	0.01
ANY CRAPPIE			
	ANY CRAPPIE	0.00	0.00
	WHITE CRAPPIE	0.29	0.12
	BLACK CRAPPIE	0.24	0.16
	BLACKNOSE CRAPPIE	0.43	0.28

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)

LAKE=DALE HOLLOW

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEWS (NON-TOURNAMENT)
01 JANUARY	0		0	0.56	29
02 FEBRUARY	0		0	0.24	69
03 MARCH	5	0.10	14	0.34	161
04 APRIL	9	0.52	8	0.55	111
05 MAY	6	0.45	11	0.54	122
06 JUNE	0	0.00	2	0.72	37
07 JULY	0		0	0.27	18
08 AUGUST	0		0	0.39	13
09 SEPTEMBER	0		0	0.37	33
10 OCTOBER	24	0.30	10	0.33	60
11 NOVEMBER	7	2.47	5	0.89	36
12 DECEMBER	21	0.67	9	0.38	36

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2007

LAKE=DALE HOLLOW

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	8860	9580	18440	16
RAINBOW TROUT	1760	1650	3400	2
ANY TROUT	42600	24080	66680	14
ANY SUNFISH	65940	48320	114270	57
ANY BLACK BASS	444800	281640	726430	273
SMALLMOUTH BASS	1126270	635930	1762200	498
SPOTTED BASS	990	500	1490	1
LARGEMOUTH BASS	15950	13600	29550	10
ANY CRAPPIE	98240	77180	175420	128
WALLEYE	157900	149430	307330	160
ANY SPECIES	153970	120310	274090	113
TOTAL	**2117280**	**1362220**	**3479300**	**1272**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2007

LAKE=DALE HOLLOW

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
IN	186	7.1
KY	560	21.2
OH	440	16.7
TN	1247	47.3
OTHERS	203	7.7

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
CLAY	234	18.7
DAVIDSON	113	9.0
FENTRESS	65	5.2
OVERTON	212	16.9
PICKETT	174	13.9
PUTNAM	85	6.8
OTHERS IN TN	363	29.0
OUT-OF-STATE	5	0.4

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	817	31.0
B) 26-100	390	14.8
C) 101-250	531	20.1
D) > 250	898	34.1

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	1158	89.6
B) VACATION	133	10.3
C) BUSINESS	1	0.1
D) OTHER	1	0.1

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	665	51.4
B) 2-5	396	30.6
C) 6-10	200	15.5
D) 11-15	27	2.1
E) 16-20	2	0.2
F) >20	3	0.2

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REGION IV

NORRIS
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MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE=NORRIS

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	25790	41.6	0.8	4951	0.1	7.7
02 FEBRUARY	8283	30.1	0.2	1893	0.1	2.5
03 MARCH	32559	36.1	1.0	5686	0.2	9.7
04 APRIL	10918	26.5	0.3	2186	0.1	3.3
05 MAY	43851	13.0	1.3	9068	0.3	13.1
06 JUNE	60704	9.8	1.8	11727	0.3	18.1
07 JULY	35583	28.2	1.0	7152	0.2	10.6
08 AUGUST	10103	83.7	0.3	2209	0.1	3.0
09 SEPTEMBER	39956	17.5	1.2	8191	0.2	11.9
10 OCTOBER	24073	8.3	0.7	4609	0.1	7.2
11 NOVEMBER	19702	20.2	0.6	3556	0.1	5.9
12 DECEMBER	23464	34.0	0.7	4308	0.1	7.0
TOTAL	**334986**			**65536**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2007

LAKE=NORRIS

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE FOR HARVEST RATE
01 JANUARY	21664	54.9	0.84	33.3	2063	88.3	0.08	68.7
02 FEBRUARY	497	76.8	0.06	63.8	0	.	0.00	.
03 MARCH	23442	43.5	0.72	23.0	5535	69.4	0.17	55.7
04 APRIL	6332	29.0	0.58	11.5	1310	51.8	0.12	43.6
05 MAY	50867	55.9	1.16	53.8	16225	85.5	0.37	83.6
06 JUNE	66774	21.3	1.10	18.8	18211	32.6	0.30	31.2
07 JULY	14945	63.5	0.42	55.3	1423	77.7	0.04	66.3
08 AUGUST	10103	114.8	1.00	60.6	202	83.7	0.02	0.0
09 SEPTEMBER	12786	28.0	0.32	21.4	1598	49.1	0.04	41.5
10 OCTOBER	11314	27.0	0.47	25.8	2648	51.1	0.11	52.4
11 NOVEMBER	12412	30.5	0.63	22.4	1379	101.9	0.07	97.8
12 DECEMBER	21118	46.7	0.90	30.2	939	47.9	0.04	33.9
TOTAL	**252254**				**51533**			

SUMMARY OF SPECIES CATCH STATISTICS - 2007

LAKE=NORRIS

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
ANY GAR	327	1117.6	0.1	0	0	.	0.0	0	100.0	.	0
CHANNEL CATFISH	13533	69.3	5.4	1177	3933	124.7	7.8	983	70.9	1.34	8
FLATHEAD CATFISH	184	661.1	0.1	0	184	661.1	0.4	0	0.0	2.20	1
WHITE BASS	1731	447.1	0.7	0	0	.	0.0	0	100.0	.	0
STRIPED BASS	13143	64.4	5.3	10933	1187	146.3	2.4	1039	91.0	7.79	8
ROCK BASS	504	890.9	0.2	0	0	.	0.0	0	100.0	.	0
BLUEGILL	75773	23.8	30.3	65728	24070	34.4	48.0	20727	68.2	0.27	108
REDEAR SUNFISH	381	714.5	0.2	0	256	882.2	0.5	0	32.8	1.30	1
SMALLMOUTH BASS	56308	23.0	22.5	50440	2589	85.5	5.2	2158	95.4	2.70	12
SPOTTED BASS	37368	33.6	14.9	30186	1899	42.6	3.8	1372	94.9	0.75	17
LARGEMOUTH BASS	25937	42.0	10.4	23457	1577	166.7	3.1	1183	93.9	1.70	4
WHITE CRAPPIE	2431	120.4	1.0	2309	1902	122.6	3.8	1766	21.8	0.84	14
BLACK CRAPPIE	12969	124.2	5.2	12489	6040	116.9	12.0	5926	53.4	0.74	41
BLACKNOSE CRAPPIE	1400	320.5	0.6	1400	1012	391.8	2.0	1012	27.7	0.53	5
WALLEYE	6389	103.5	2.6	4733	5500	105.3	11.0	4921	13.9	2.22	18
FRESHWATER DRUM	1357	354.9	0.5	493	0	.	0.0	0	100.0	.	0

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2007

LAKE=NORRIS

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	2488	79.2	485	0.7	0.11		0.11		2
STRIPED BASS	41428	16.9	8174	12.4	0.28	101.1	0.04	163.4	60
ANY SUNFISH	21485	23.5	4293	6.4	4.01	40.6	1.47	63.8	17
ANY BLACK BASS	113634	11.2	22098	33.9	0.58	33.7	0.02	105.7	161
SMALLMOUTH BASS	28619	22.2	5375	8.5	0.44	26.2	0.01	194.1	56
LARGEMOUTH BASS	339	146.0	65	0.1	0.29		0.00		1
ANY CRAPPIE	20986	21.7	4040	6.3	0.83	159.5	0.45	168.7	34
WALLEYE	45729	15.2	9053	13.7	0.06	51.2	0.05	56.7	57
ANY SPECIES	60278	14.4	11954	18.0	0.65	102.8	0.10	128.0	53
TOTAL	**334986**		**65537**						

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2007

LAKE=NORRIS

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	CHANNEL CATFISH	0.11	0.11
	FLATHEAD CATFISH	0.00	0.00
ANY SUNFISH			
	BLUEGILL	4.01	1.47
	REDEAR SUNFISH	0.00	0.00
ANY BLACK BASS			
	SMALLMOUTH BASS	0.35	0.02
	SPOTTED BASS	0.21	0.01
	LARGEMOUTH BASS	0.16	0.01
ANY CRAPPIE			
	ANY CRAPPIE	0.00	0.00
	WHITE CRAPPIE	0.12	0.09
	BLACK CRAPPIE	0.64	0.31
	BLACKNOSE CRAPPIE	0.07	0.05

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)

LAKE=NORRIS

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEWS (NON-TOURNAMENT)
01 JANUARY	0		0	0.31	25
02 FEBRUARY	0		0	0.08	7
03 MARCH	56	0.67	19	0.65	29
04 APRIL	0		0	0.65	16
05 MAY	0		0	0.84	13
06 JUNE	0		0	0.24	9
07 JULY	15	0.00	1	0.12	11
08 AUGUST	9	0.00	3	0.92	5
09 SEPTEMBER	0		0	0.49	14
10 OCTOBER	0		0	0.89	8
11 NOVEMBER	31	0.36	5	0.63	19
12 DECEMBER	17	0.41	5	0.59	29

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2007

LAKE=NORRIS

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	3590	4170	7760	2
STRIPED BASS	134910	196100	331010	34
ANY SUNFISH	54890	92860	147750	13
ANY BLACK BASS	614920	491530	1106460	108
SMALLMOUTH BASS	94620	111290	201300	24
LARGEMOUTH BASS	3260	9770	13030	1
ANY CRAPPIE	46790	18470	65260	17
WALLEYE	176350	65250	241610	27
ANY SPECIES	222540	102100	324630	39
TOTAL	**1351870**	**1091540**	**2438810**	**265**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2007

LAKE=NORRIS

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
KY	53	6.6
TN	692	86.2
OTHERS	58	7.2

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
ANDERSON	167	24.7
CAMPBELL	161	23.9
CLAIBORNE	114	16.9
KNOX	107	15.9
UNION	52	7.7
OTHERS IN TN	74	11.0

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	586	73.7
B) 26-100	136	17.1
C) 101-250	19	2.4
D) > 250	54	6.8

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	430	98.2
B) VACATION	8	1.8

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	398	91.3
B) 2-5	27	6.2
C) 6-10	10	2.3
D) 11-15	1	0.2

DOUGLAS
RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE=DOUGLAS

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	44243	32.7	1.4	9485	0.3	7.8
02 FEBRUARY	13780	29.0	0.5	3598	0.1	2.4
03 MARCH	63734	19.2	2.1	11767	0.4	11.2
04 APRIL	54764	15.3	1.8	10065	0.3	9.7
05 MAY	71317	27.6	2.3	14504	0.5	12.6
06 JUNE	67931	11.4	2.2	12308	0.4	12.0
07 JULY	71210	17.4	2.3	13264	0.4	12.6
08 AUGUST	37305	12.9	1.2	7208	0.2	6.6
09 SEPTEMBER	43901	18.5	1.4	7417	0.2	7.7
10 OCTOBER	38930	10.2	1.3	7441	0.2	6.9
11 NOVEMBER	35773	20.1	1.2	6979	0.2	6.3
12 DECEMBER	24117	22.7	0.8	5289	0.2	4.3
TOTAL	**567005**			**109325**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2007

LAKE=DOUGLAS

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE FOR HARVEST RATE
01 JANUARY	76098	34.9	1.72	11.4	20794	35.7	0.47	13.5
02 FEBRUARY	18190	34.2	1.32	17.4	5099	40.5	0.37	26.9
03 MARCH	109622	21.2	1.72	8.9	32504	26.6	0.51	18.0
04 APRIL	92004	20.1	1.68	12.8	20263	26.2	0.37	20.8
05 MAY	151192	28.6	2.12	7.0	59906	30.0	0.84	11.4
06 JUNE	200396	14.4	2.95	8.7	86952	15.1	1.28	9.7
07 JULY	101830	19.7	1.43	9.2	30620	24.8	0.43	17.5
08 AUGUST	49989	19.6	1.34	14.6	12311	24.7	0.33	20.6
09 SEPTEMBER	60144	22.8	1.37	13.0	13609	24.8	0.31	16.3
10 OCTOBER	58395	12.7	1.50	7.5	14793	18.5	0.38	15.5
11 NOVEMBER	85140	23.2	2.38	11.5	39350	29.6	1.10	21.3
12 DECEMBER	39552	24.5	1.64	9.0	14953	30.5	0.62	19.9
TOTAL	**1042552**				**351154**			

SUMMARY OF SPECIES CATCH STATISTICS - 2007

LAKE=DOUGLAS

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
ALEWIFE	3014	287.7	0.3	0	1015	330.8	0.3	0	66.3	0.65	22
GIZZARD SHAD	37	3410.1	0.0	0	37	3410.1	0.0	0	0.0	1.25	1
CARP	185	1836.7	0.0	0	0	.	0.0	0	100.0	.	0
BLACK BULLHEAD	939	559.7	0.1	939	832	582.7	0.2	832	11.4	2.58	13
BLUE CATFISH	152	1706.7	0.0	76	152	1706.7	0.0	76	0.0	2.85	2
CHANNEL CATFISH	55951	19.4	5.4	40152	34960	22.7	10.0	25854	37.5	1.66	549
FLATHEAD CATFISH	3349	169.6	0.3	3148	2920	175.8	0.8	2787	12.8	2.59	44
WHITE BASS	66935	20.2	6.4	38278	19094	31.0	5.4	15126	71.5	1.12	409
STRIPED BASS	319	1422.3	0.0	0	106	1812.2	0.0	0	66.8	0.93	3
CHEROKEE BASS	35	3172.0	0.0	0	35	3172.0	0.0	0	0.0	3.85	1
BLUEGILL	197068	11.5	18.9	135809	109311	14.4	31.1	85625	44.5	0.28	1710
REDEAR SUNFISH	657	1251.3	0.1	0	303	1710.8	0.1	0	53.9	0.29	4
SMALLMOUTH BASS	15287	59.5	1.5	10934	0	.	0.0	0	100.0	.	0
LARGEMOUTH BASS	283024	7.7	27.2	245924	17213	18.1	4.9	8029	93.9	1.45	309
WHITE CRAPPIE	297778	7.8	28.6	280218	118957	11.2	33.9	114538	60.1	0.64	2600
BLACK CRAPPIE	57343	21.6	5.5	55049	31945	25.4	9.1	30867	44.3	0.81	726
BLACKNOSE CRAPPIE	1519	625.3	0.1	1519	824	708.6	0.2	824	45.8	0.93	17
YELLOW PERCH	35	3172.0	0.0	0	35	3172.0	0.0	0	0.0	0.30	1
SAUGER	31966	33.9	3.1	14841	6805	56.0	1.9	3380	78.7	1.27	150
WALLEYE	13948	66.5	1.3	5698	3008	109.9	0.9	1316	78.4	1.89	46
FRESHWATER DRUM	7693	125.4	0.7	237	2408	194.5	0.7	181	68.7	1.94	40

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2007

LAKE=DOUGLAS

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	46155	14.1	8830	8.1	1.03	12.0	0.70	11.9	106
WHITE BASS	14397	20.1	2738	2.5	2.71	17.1	1.12	36.1	31
ANY SUNFISH	31338	14.9	5936	5.5	5.23	10.7	3.32	14.3	74
ANY BLACK BASS	116281	8.3	21846	20.5	0.91	7.2	0.03	40.6	403
LARGEMOUTH BASS	88444	11.0	17241	15.6	1.13	7.4	0.01	155.8	248
ANY CRAPPIE	227504	7.4	44492	40.1	1.89	13.5	0.85	23.9	656
SAUGER	15001	19.5	2972	2.6	0.85	22.4	0.21	30.5	38
WALLEYE	5178	28.7	948	0.9	1.21	16.0	0.26	28.0	14
ANY SPECIES	22707	15.2	4323	4.0	0.93	28.8	0.56	30.2	36
TOTAL	**567005**		**109326**						

SUMMARY OF RELATIVE SPECIES CATCH RATES
WITHIN TARGET GROUPS - 2007

LAKE=DOUGLAS

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	BLACK BULLHEAD	0.02	0.02
	ANY CATFISH	0.00	0.00
	BLUE CATFISH	0.00	0.00
	CHANNEL CATFISH	0.93	0.61
	FLATHEAD CATFISH	0.07	0.07
ANY SUNFISH			
	BLUEGILL	5.23	3.32
	REDEAR SUNFISH	0.00	0.00
ANY BLACK BASS			
	SMALLMOUTH BASS	0.05	0.00
	LARGEMOUTH BASS	1.20	0.04
ANY CRAPPIE			
	ANY CRAPPIE	0.00	0.00
	WHITE CRAPPIE	1.57	0.67
	BLACK CRAPPIE	0.31	0.18
	BLACKNOSE CRAPPIE	0.01	0.00

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)

LAKE=DOUGLAS

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEWS (NON-TOURNAMENT)
01 JANUARY	0		0	1.17	27
02 FEBRUARY	0		0	0.76	12
03 MARCH	22	0.80	6	0.67	26
04 APRIL	11	1.58	5	1.36	45
05 MAY	14	1.03	6	1.25	50
06 JUNE	26	1.39	13	1.00	58
07 JULY	28	0.65	13	0.88	74
08 AUGUST	23	0.87	11	0.65	57
09 SEPTEMBER	71	0.92	43	0.77	40
10 OCTOBER	38	1.36	18	1.07	54
11 NOVEMBER	35	1.07	14	0.95	43
12 DECEMBER	0		0	1.16	32

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2007

LAKE=DOUGLAS

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	23200	45480	68680	100
WHITE BASS	27880	29830	57710	30
ANY SUNFISH	12640	52330	64970	73
ANY BLACK BASS	610600	418280	1028890	398
LARGEMOUTH BASS	402820	247980	650790	241
ANY CRAPPIE	229760	383460	613220	644
SAUGER	28030	31990	60020	37
WALLEYE	5010	7470	12480	14
ANY SPECIES	8120	11520	19640	32
TOTAL	**1348060**	**1228340**	**2576400**	**1569**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2007

LAKE=DOUGLAS

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	2878	88.9
OTHERS	358	11.1

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
COCKE	410	14.3
HAMBLEN	346	12.0
JEFFERSON	766	26.7
KNOX	446	15.5
SEVIER	368	12.8
OTHERS IN TN	537	18.7
OUT-OF-STATE	1	0.0

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	2253	69.6
B) 26-100	866	26.8
C) 101-250	70	2.2
D) > 250	46	1.4

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	1599	99.3
B) VACATION	12	0.7

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	1563	97.0
B) 2-5	48	3.0
D) 11-15	1	0.1

MELTON HILL
RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE=MELTON HILL

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	2661	41.5	0.5	741	0.1	3.6
02 FEBRUARY	1149	51.2	0.2	340	0.1	1.5
03 MARCH	4833	21.6	0.8	1097	0.2	6.5
04 APRIL	9500	38.7	1.7	2262	0.4	12.8
05 MAY	11384	5.2	2.0	2425	0.4	15.3
06 JUNE	7928	18.9	1.4	2201	0.4	10.7
07 JULY	10149	13.6	1.8	2944	0.5	13.7
08 AUGUST	4863	0.0	0.9	1444	0.3	6.6
09 SEPTEMBER	8128	11.8	1.4	1915	0.3	11.0
10 OCTOBER	7103	36.0	1.2	1752	0.3	9.6
11 NOVEMBER	6487	31.9	1.1	1922	0.3	8.7
TOTAL	**74185**			**19043**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2007

LAKE=MELTON HILL

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE FOR HARVEST RATE
01 JANUARY	2129	45.1	0.80	16.5	186	102.7	0.07	81.5
02 FEBRUARY	0	.	0.00	.	0	.	0.00	.
03 MARCH	5655	32.8	1.17	24.1	483	44.9	0.10	40.2
04 APRIL	7885	56.0	0.83	37.8	1140	77.2	0.12	61.4
05 MAY	15255	10.3	1.34	8.8	1138	9.6	0.10	8.2
06 JUNE	6977	31.0	0.88	24.2	79	65.4	0.01	63.2
07 JULY	10048	25.7	0.99	21.7	203	67.6	0.02	79.8
08 AUGUST	1216	98.9	0.25	100.0	0	.	0.00	.
09 SEPTEMBER	7315	15.8	0.90	10.4	813	75.3	0.10	76.2
10 OCTOBER	6890	53.0	0.97	36.6	497	74.2	0.07	57.2
11 NOVEMBER	4995	35.1	0.77	13.8	0	.	0.00	.
TOTAL	**68365**				**4539**			

SUMMARY OF SPECIES CATCH STATISTICS - 2007

LAKE=MELTON HILL

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
SKIPJACK HERRING	55	634.9	0.1	0	0	.	0.0	0	100.0	.	0
CARP	923	216.7	1.3	923	0	.	0.0	0	100.0	.	0
MUSKELLUNGE	118	492.1	0.2	118	0	.	0.0	0	100.0	.	0
WHITE BASS	1082	234.3	1.6	618	0	.	0.0	0	100.0	.	0
YELLOW BASS	710	210.5	1.0	152	361	159.0	8.0	0	49.2	0.43	8
STRIPED BASS	1554	137.2	2.3	799	40	105.8	0.9	40	97.4	38.80	1
BLUEGILL	14980	25.4	21.9	12769	725	62.1	16.0	725	95.2	0.45	16
SMALLMOUTH BASS	4252	66.2	6.2	4059	0	.	0.0	0	100.0	.	0
SPOTTED BASS	1405	198.8	2.1	859	0	.	0.0	0	100.0	.	0
LARGEMOUTH BASS	23463	19.6	34.3	21531	141	56.9	3.1	106	99.4	2.76	4
WHITE CRAPPIE	15031	24.9	21.9	14681	2810	25.6	61.9	2810	81.3	0.75	82
BLACK CRAPPIE	918	199.1	1.3	918	191	153.2	4.2	191	79.2	0.86	5
YELLOW PERCH	117	867.5	0.2	117	0	.	0.0	0	100.0	.	0
FRESHWATER DRUM	370	446.8	0.5	370	0	.	0.0	0	100.0	.	0

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2007

LAKE=MELTON HILL

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	1877	35.3	460	2.5	0.72	51.4	0.08	0.0	12
MUSKELLUNGE	3802	24.9	969	5.1	0.02	95.0	0.00		35
WHITE BASS	71	117.2	16	0.1	1.00		0.00		1
STRIPED BASS	4159	26.2	1165	5.6	0.10	52.8	0.03	173.3	17
ANY SUNFISH	796	45.3	201	1.1	1.80	56.2	0.00		4
ANY BLACK BASS	23804	11.0	6161	32.1	0.97	31.9	0.00	248.2	133
ANY CRAPPIE	14995	14.0	3730	20.2	0.95	27.1	0.24	56.4	94
ANY SPECIES	24517	11.0	6297	33.0	0.85	26.5	0.04	133.0	121
OTHER	164	94.0	40	0.2	0.00		0.00		2
TOTAL	**74185**		**19039**						

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2007

LAKE=MELTON HILL

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	ANY CATFISH	0.00	0.00
ANY SUNFISH			
	BLUEGILL	1.80	0.00
ANY BLACK BASS			
	SMALLMOUTH BASS	0.17	0.00
	SPOTTED BASS	0.04	0.00
	LARGEMOUTH BASS	0.90	0.00
ANY CRAPPIE			
	WHITE CRAPPIE	0.89	0.22
	BLACK CRAPPIE	0.06	0.02

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)

LAKE=MELTON HILL

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEWS (NON-TOURNAMENT)
01 JANUARY	0		0	0.79	10
02 FEBRUARY	0		0	0.00	1
03 MARCH	0		0	1.67	10
04 APRIL	0		0	1.58	12
05 MAY	0		0	1.49	22
06 JUNE	17	1.00	4	0.67	16
07 JULY	0		0	0.88	15
08 AUGUST	28	0.38	2	0.15	2
09 SEPTEMBER	2	0.00	3	0.61	14
10 OCTOBER	0		0	1.06	18
11 NOVEMBER	0		0	0.64	4

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2007

LAKE=MELTON HILL

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	5550	7300	12860	12
MUSKELLUNGE	16960	21260	38210	35
WHITE BASS	80	80	160	1
STRIPED BASS	13630	23000	36630	17
ANY SUNFISH	2270	0	2270	4
ANY BLACK BASS	110260	54270	164530	133
ANY CRAPPIE	53160	25320	78480	94
ANY SPECIES	55950	22780	78730	121
OTHER	500	400	900	2
TOTAL	**258360**	**154410**	**412770**	**419**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2007

LAKE=MELTON HILL

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	703	97.9
OTHERS	15	2.1

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
ANDERSON	267	38.0
KNOX	368	52.3
LOUDON	42	6.0
OTHERS IN TN	26	3.7

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	670	93.6
B) 26-100	31	4.3
C) 101-250	5	0.7
D) > 250	10	1.4

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	407	97.1
B) VACATION	12	2.9

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	399	95.2
B) 2-5	16	3.8
C) 6-10	3	0.7
F) >20	1	0.2

TELLICO
RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE=TELLICO

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	2147	33.5	0.1	502	0.0	1.1
02 FEBRUARY	3875	36.3	0.2	1049	0.1	2.0
03 MARCH	14767	20.8	0.9	2690	0.2	7.8
04 APRIL	25918	21.9	1.6	4940	0.3	13.6
05 MAY	34296	17.8	2.1	6963	0.4	18.0
06 JUNE	28493	31.0	1.8	6642	0.4	15.0
07 JULY	26608	34.4	1.7	6999	0.4	14.0
08 AUGUST	12122	16.3	0.8	2912	0.2	6.4
09 SEPTEMBER	14267	8.3	0.9	2844	0.2	7.5
10 OCTOBER	18667	20.3	1.2	4067	0.3	9.8
11 NOVEMBER	9286	21.6	0.6	2501	0.2	4.9
TOTAL	**190446**			**42109**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2007

LAKE=TELLICO

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE FOR HARVEST RATE
01 JANUARY	2469	49.5	1.15	34.6	601	48.6	0.28	33.0
02 FEBRUARY	7053	58.0	1.82	42.6	1279	77.1	0.33	63.8
03 MARCH	20378	30.3	1.38	21.5	5021	43.7	0.34	37.4
04 APRIL	36804	27.2	1.42	15.8	7257	50.4	0.28	44.8
05 MAY	48357	25.6	1.41	18.1	2401	47.2	0.07	44.1
06 JUNE	29918	35.6	1.05	16.7	855	71.1	0.03	55.9
07 JULY	30865	45.0	1.16	27.5	3193	68.0	0.12	53.3
08 AUGUST	14668	42.3	1.21	38.4	4364	58.0	0.36	55.1
09 SEPTEMBER	29390	20.7	2.06	18.9	4137	42.2	0.29	40.7
10 OCTOBER	17360	30.8	0.93	22.8	1120	66.8	0.06	59.2
11 NOVEMBER	14950	22.4	1.61	5.8	2786	51.1	0.30	45.1
TOTAL	**252212**				**33014**			

SUMMARY OF SPECIES CATCH STATISTICS - 2007

LAKE=TELLICO

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
CARP	650	435.6	0.3	650	0	.	0.0	0	100.0	.	0
WHITE BASS	605	551.8	0.2	76	0	.	0.0	0	100.0	.	0
STRIPED BASS	3866	159.0	1.5	2651	43	519.3	0.1	0	98.9	3.15	1
ROCK BASS	275	1087.9	0.1	0	0	.	0.0	0	100.0	.	0
BLUEGILL	28924	33.5	11.5	24398	3798	58.7	11.5	3488	86.9	0.49	49
SMALLMOUTH BASS	10325	72.9	4.1	9864	0	.	0.0	0	100.0	.	0
SPOTTED BASS	27631	31.5	11.0	25831	0	.	0.0	0	100.0	.	0
LARGEMOUTH BASS	68592	16.4	27.2	65020	1250	47.5	3.8	1250	98.2	1.94	19
WHITE CRAPPIE	105553	12.8	41.9	104925	26804	19.3	81.2	26673	74.6	0.69	408
BLACK CRAPPIE	1164	177.1	0.5	1164	864	152.6	2.6	864	25.8	0.73	13
YELLOW PERCH	349	918.4	0.1	116	0	.	0.0	0	100.0	.	0
WALLEYE	443	477.4	0.2	443	82	284.0	0.2	82	81.5	4.08	3
FRESHWATER DRUM	138	1536.2	0.1	0	0	.	0.0	0	100.0	.	0

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2007

LAKE=TELLICO

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	940	70.2	236	0.5	0.00		0.00		2
ANY TROUT	285	150.5	66	0.1	0.00		0.00		1
STRIPED BASS	983	77.2	242	0.5	0.23		0.00		2
ANY SUNFISH	1553	64.5	375	0.8	2.73		0.63		2
ANY BLACK BASS	80036	10.5	17509	42.0	1.15	17.1	0.02	92.4	243
ANY CRAPPIE	63333	9.5	13855	33.3	1.79	21.9	0.55	31.2	189
WALLEYE	2523	38.4	590	1.3	0.17	72.1	0.02	0.0	9
ANY SPECIES	40795	14.7	9239	21.4	1.20	24.8	0.16	107.1	83
TOTAL	**190448**		**42112**						

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2007

LAKE=TELLICO

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	ANY CATFISH	0.00	0.00
ANY TROUT			
ANY SUNFISH			
	BLUEGILL	2.73	0.63
ANY BLACK BASS			
	SMALLMOUTH BASS	0.12	0.00
	SPOTTED BASS	0.32	0.00
	LARGEMOUTH BASS	0.81	0.02
ANY CRAPPIE			
	WHITE CRAPPIE	1.77	0.53
	BLACK CRAPPIE	0.02	0.02

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)

LAKE=TELLICO

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEWS (NON-TOURNAMENT)
01 JANUARY	0		0	0.30	7
02 FEBRUARY	0		0	0.24	5
03 MARCH	19	1.82	6	1.48	22
04 APRIL	30	1.38	7	1.26	28
05 MAY	2	0.83	4	1.39	42
06 JUNE	8	0.81	5	1.02	24
07 JULY	6	1.05	3	1.08	27
08 AUGUST	0		0	0.92	11
09 SEPTEMBER	0		0	1.37	22
10 OCTOBER	12	0.24	2	1.04	26
11 NOVEMBER	0		0	0.38	2

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2007

LAKE=TELLICO

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	3210	1630	4840	2
ANY TROUT	660	1330	1990	1
STRIPED BASS	3890	3230	7120	2
ANY SUNFISH	3080	1870	4950	2
ANY BLACK BASS	389330	252340	641670	243
ANY CRAPPIE	182140	109950	292080	189
WALLEYE	13310	7790	21090	9
ANY SPECIES	84010	40740	124750	83
TOTAL	**679630**	**418880**	**1098490**	**531**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2007

LAKE=TELLICO

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	924	97.7
OTHERS	22	2.3

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
BLOUNT	421	45.6
KNOX	71	7.7
LOUDON	155	16.8
MONROE	214	23.2
OTHERS IN TN	63	6.8

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	849	89.7
B) 26-100	76	8.0
C) 101-250	4	0.4
D) > 250	17	1.8

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	523	98.9
B) VACATION	6	1.1

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	507	95.7
B) 2-5	14	2.6
C) 6-10	6	1.1
D) 11-15	3	0.6

BOONE
RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE=BOONE

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	4327	17.5	1.0	663	0.1	5.1
02 FEBRUARY	3822	16.3	0.8	622	0.1	4.5
03 MARCH	8574	8.9	1.9	1301	0.3	10.2
04 APRIL	8499	12.5	1.9	1292	0.3	10.1
05 MAY	8832	7.6	2.0	1417	0.3	10.5
06 JUNE	8972	5.6	2.0	1426	0.3	10.7
07 JULY	10154	18.7	2.2	1584	0.4	12.1
08 AUGUST	6584	11.9	1.5	979	0.2	7.8
09 SEPTEMBER	8437	17.0	1.9	1248	0.3	10.0
10 OCTOBER	5642	10.9	1.2	858	0.2	6.7
11 NOVEMBER	5525	12.0	1.2	862	0.2	6.6
12 DECEMBER	4730	11.8	1.0	770	0.2	5.6
TOTAL	**84098**			**13022**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2007

LAKE=BOONE

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE FOR HARVEST RATE
01 JANUARY	865	33.1	0.20	27.3	87	36.4	0.02	36.5
02 FEBRUARY	1185	35.4	0.31	31.4	76	19.4	0.02	10.6
03 MARCH	1372	16.5	0.16	14.1	171	43.4	0.02	49.9
04 APRIL	1445	19.6	0.17	15.3	255	45.8	0.03	42.3
05 MAY	2208	21.5	0.25	20.0	883	53.4	0.10	53.3
06 JUNE	2512	22.9	0.28	22.4	449	37.6	0.05	40.2
07 JULY	2742	25.5	0.27	16.9	406	58.3	0.04	60.3
08 AUGUST	2041	31.8	0.31	29.2	132	54.0	0.02	48.7
09 SEPTEMBER	2278	28.3	0.27	22.5	422	42.2	0.05	40.7
10 OCTOBER	1749	22.7	0.31	19.8	226	34.0	0.04	36.1
11 NOVEMBER	1381	25.3	0.25	22.2	111	31.3	0.02	26.1
12 DECEMBER	1183	27.9	0.25	24.9	142	47.9	0.03	55.3
TOTAL	**20961**				**3360**			

SUMMARY OF SPECIES CATCH STATISTICS - 2007

LAKE=BOONE

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
CARP	103	280.3	0.5	0	58	184.2	1.7	0	43.7	11.20	2
BLUE CATFISH	19	348.4	0.1	19	19	348.4	0.6	19	0.0	13.35	1
CHANNEL CATFISH	837	67.1	4.0	747	652	59.5	19.4	652	22.1	2.93	26
FLATHEAD CATFISH	101	255.0	0.5	101	101	255.0	3.0	101	0.0	10.29	4
RAINBOW TROUT	192	276.5	0.9	17	0	.	0.0	0	100.0	.	0
BROWN TROUT	157	308.0	0.7	16	10	183.0	0.3	0	93.6	4.85	1
ANY TEMPERATE BASS	23	950.4	0.1	23	0	.	0.0	0	100.0	.	0
STRIPED BASS	463	119.6	2.2	356	94	109.4	2.8	94	79.7	10.55	6
CHEROKEE BASS	669	88.0	3.2	242	208	96.7	6.2	185	68.9	3.03	9
BLUEGILL	2820	34.5	13.3	1893	806	43.2	24.0	806	71.4	0.22	28
SMALLMOUTH BASS	6934	12.4	32.8	6902	453	26.0	13.5	453	93.5	2.40	25
LARGEMOUTH BASS	8120	11.3	38.4	8032	550	25.2	16.4	550	93.2	2.84	26
WHITE CRAPPIE	83	258.8	0.4	83	66	281.9	2.0	66	20.5	1.08	2
BLACK CRAPPIE	584	99.6	2.8	478	313	100.2	9.3	313	46.4	0.86	16
BLACKNOSE CRAPPIE	44	379.8	0.2	44	27	234.2	0.8	27	38.6	0.95	2

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2007

LAKE=BOONE

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	1978	25.3	305	2.4	0.24	43.5	0.24	43.5	18
ANY TEMPERATE BASS	7638	12.5	1185	9.1	0.05	82.1	0.03	128.2	59
WHITE BASS	125	91.7	19	0.1	0.00		0.00		1
STRIPED BASS	8798	11.5	1358	10.5	0.05	79.6	0.01	140.2	68
CHEROKEE BASS	260	77.0	40	0.3	0.42		0.13		2
ANY SUNFISH	1955	25.9	298	2.3	2.16	39.2	0.55	97.0	17
ANY BLACK BASS	47724	5.3	7387	56.8	0.31	12.7	0.01	71.8	386
SMALLMOUTH BASS	1628	24.7	258	1.9	0.22	25.7	0.12	42.0	20
ANY CRAPPIE	8783	11.7	1361	10.4	0.14	84.0	0.09	99.3	87
ANY SPECIES	4927	15.6	764	5.9	0.26	90.4	0.14	132.9	56
OTHER	279	63.9	44	0.3	0.00		0.00		4
TOTAL	**84095**		**13019**						

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2007

LAKE=BOONE

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	BLUE CATFISH	0.01	0.01
	CHANNEL CATFISH	0.21	0.20
	FLATHEAD CATFISH	0.03	0.03
ANY TEMPERATE BASS			
	STRIPED BASS	0.03	0.01
	CHEROKEE BASS	0.02	0.02
ANY SUNFISH			
	BLUEGILL	2.16	0.55
ANY BLACK BASS			
ANY BLACK BASS			
	SMALLMOUTH BASS	0.14	0.01
	LARGEMOUTH BASS	0.16	0.01
ANY CRAPPIE			
	WHITE CRAPPIE	0.02	0.01
	BLACK CRAPPIE	0.11	0.07
	BLACKNOSE CRAPPIE	0.01	0.01

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)

LAKE=BOONE

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEWS (NON-TOURNAMENT)
01 JANUARY	0		0	0.38	31
02 FEBRUARY	0		0	0.28	25
03 MARCH	0		0	0.25	44
04 APRIL	13	0.27	5	0.27	37
05 MAY	32	0.41	6	0.26	29
06 JUNE	10	0.32	5	0.31	34
07 JULY	27	0.36	8	0.33	33
08 AUGUST	5	0.18	2	0.29	28
09 SEPTEMBER	17	0.37	6	0.34	27
10 OCTOBER	0		0	0.34	29
11 NOVEMBER	0		0	0.32	27
12 DECEMBER	0		0	0.27	29

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2007

LAKE=BOONE

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	4270	2440	6700	18
ANY TEMPERATE BASS	13990	9530	23520	59
WHITE BASS	190	190	380	1
STRIPED BASS	15080	13910	28990	68
CHEROKEE BASS	550	390	940	2
ANY SUNFISH	1960	1690	3650	17
ANY BLACK BASS	106840	51280	158120	383
SMALLMOUTH BASS	2810	3250	6060	20
ANY CRAPPIE	13860	14070	27930	87
ANY SPECIES	6800	7340	14150	56
OTHER	610	440	1060	4
TOTAL	**166960**	**104530**	**271500**	**715**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2007

LAKE=BOONE

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	1015	84.7
VA	157	13.1
OTHERS	27	2.3

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
CARTER	52	5.1
SULLIVAN	465	45.9
WASHINGTON	422	41.6
OTHERS IN TN	74	7.3
OUT-OF-STATE	1	0.1

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	914	76.3
B) 26-100	265	22.1
C) 101-250	8	0.7
D) > 250	11	0.9

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	713	99.3
B) VACATION	5	0.7

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	710	99.0
B) 2-5	6	0.8
C) 6-10	1	0.1

SOUTH HOLSTON RESERVOIR

MONTHLY ANGLING EFFORT FOR ALL ANGLERS - 2007

LAKE=SOUTH HOLSTON

MONTH	ANGLER HOURS	RELATIVE STANDARD ERROR	HOURS PER ACRE	ANGLER TRIPS	TRIPS PER ACRE	PERCENT EFFORT
01 JANUARY	6850	13.3	1.1	1049	0.2	5.6
02 FEBRUARY	6944	23.1	1.1	1028	0.2	5.7
03 MARCH	10851	16.6	1.7	1772	0.3	8.9
04 APRIL	11188	24.6	1.8	1762	0.3	9.2
05 MAY	12628	16.0	2.0	1988	0.3	10.4
06 JUNE	12612	22.3	2.0	1958	0.3	10.3
07 JULY	16656	15.3	2.6	2525	0.4	13.7
08 AUGUST	8865	9.0	1.4	1369	0.2	7.3
09 SEPTEMBER	10775	20.1	1.7	1632	0.3	8.8
10 OCTOBER	7719	15.0	1.2	1213	0.2	6.3
11 NOVEMBER	7839	13.7	1.2	1229	0.2	6.4
12 DECEMBER	8999	23.6	1.4	1341	0.2	7.4
TOTAL	**121926**			**18866**		

MONTHLY CATCH STATISTICS FOR ALL ANGLERS - 2007

LAKE=SOUTH HOLSTON

MONTH	NUMBER FISH CAUGHT	RSE FOR CATCH	FISH CAUGHT PER HOUR	RSE FOR CATCH RATE	NUMBER FISH HARVESTED	RSE FOR HARVEST	FISH HARVESTED PER HOUR	RSE FOR HARVEST RATE
01 JANUARY	1096	21.7	0.16	16.7	137	30.4	0.02	34.1
02 FEBRUARY	1805	27.5	0.26	14.7	347	55.6	0.05	51.8
03 MARCH	1736	22.3	0.16	15.0	434	31.8	0.04	28.0
04 APRIL	1119	34.8	0.10	23.9	224	44.4	0.02	35.1
05 MAY	1515	28.2	0.12	22.7	126	44.0	0.01	30.9
06 JUNE	1640	39.4	0.13	31.9	252	34.4	0.02	28.9
07 JULY	2165	27.9	0.13	22.4	333	41.9	0.02	50.4
08 AUGUST	1064	37.1	0.12	36.5	177	20.1	0.02	16.2
09 SEPTEMBER	2586	39.6	0.24	33.7	216	42.3	0.02	39.9
10 OCTOBER	2084	34.1	0.27	30.6	1389	54.3	0.18	52.0
11 NOVEMBER	1568	22.2	0.20	17.0	314	51.8	0.04	48.5
12 DECEMBER	1530	35.7	0.17	26.0	180	77.6	0.02	62.4
TOTAL	**19908**				**4129**			

SUMMARY OF SPECIES CATCH STATISTICS - 2007

LAKE=SOUTH HOLSTON

SPECIES	TOTAL NUMBER FISH CAUGHT	RSE FOR CATCH	SPECIES CATCH COMPOSITION (%)	INTENDED NUMBER CAUGHT	TOTAL NUMBER FISH HARVESTED	RSE FOR HARVEST	SPECIES HARVEST COMPOSITION (%)	INTENDED NUMBER HARVESTED	% OF CAUGHT FISH RELEASED	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
CHANNEL CATFISH	741	91.2	3.7	456	483	96.5	11.7	446	34.8	2.93	13
FLATHEAD CATFISH	85	186.7	0.4	57	85	186.7	2.1	57	0.0	10.73	3
MUSKELLUNGE	66	467.3	0.3	0	0	.	0.0	0	100.0	.	0
RAINBOW TROUT	587	97.4	2.9	281	251	76.5	6.1	251	57.2	1.65	8
BROWN TROUT	370	146.2	1.8	44	36	351.2	0.9	36	90.3	1.70	1
BLUEGILL	1343	78.7	6.7	746	209	85.8	5.1	149	84.4	0.26	7
SMALLMOUTH BASS	11527	11.0	57.2	11346	1632	29.8	39.5	1559	85.8	2.44	45
LARGEMOUTH BASS	3741	22.1	18.6	3692	422	59.6	10.2	422	88.7	2.11	10
BLACK CRAPPIE	670	112.6	3.3	542	417	129.7	10.1	417	37.8	0.89	12
WALLEYE	1009	59.8	5.0	584	598	57.8	14.5	598	40.7	3.35	18

SUMMARY OF FISHING EFFORT AND CATCH RATES FOR INTENDED SPECIES GROUPS - 2007

LAKE=SOUTH HOLSTON

INTENDED SPECIES	ANGLER HOURS	RSE FOR ANGLER HOURS	ANGLER TRIPS	PERCENT EFFORT	NUMBER CAUGHT PER HOUR	RSE FOR CATCH PER HOUR	NUMBER HARVESTED PER HOUR	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	3106	24.5	480	2.5	0.12		0.12		9
RAINBOW TROUT	368	78.9	58	0.3	0.00		0.00		3
ANY TROUT	10099	15.7	1574	8.3	0.08	95.5	0.06	100.8	53
ANY SUNFISH	792	56.5	120	0.6	1.52		0.35		2
ANY BLACK BASS	64527	6.8	9989	52.9	0.26	16.5	0.01	105.7	309
SMALLMOUTH BASS	4376	21.7	669	3.6	0.25	27.9	0.14	61.2	27
LARGEMOUTH BASS	280	97.9	42	0.2	0.25		0.25		1
ANY CRAPPIE	7564	17.3	1174	6.2	0.13	78.6	0.09	79.0	47
WALLEYE	21543	10.9	3335	17.7	0.04	77.4	0.04	85.8	102
ANY SPECIES	9271	15.9	1427	7.6	0.11	102.9	0.03	188.4	52
TOTAL	**121926**		**18868**						

SUMMARY OF RELATIVE SPECIES CATCH RATES WITHIN TARGET GROUPS - 2007

LAKE=SOUTH HOLSTON

TARGET GROUP	SPECIES WITHIN TARGET GROUPS	RELATIVE CATCH RATE	RELATIVE HARVEST RATE
ANY CATFISH			
	CHANNEL CATFISH	0.11	0.11
	FLATHEAD CATFISH	0.01	0.01
ANY TROUT			
	RAINBOW TROUT	0.07	0.05
	BROWN TROUT	0.01	0.01
ANY SUNFISH			
	BLUEGILL	1.52	0.35
ANY BLACK BASS			
	SMALLMOUTH BASS	0.16	0.02
	LARGEMOUTH BASS	0.05	0.01
	LARGEMOUTH BASS	0.05	0.01
ANY CRAPPIE			
	BLACK CRAPPIE	0.13	0.09

COMPARISON OF BLACK BASS CATCH RATES (# FISH/HOUR) BETWEEN TOURNAMENT AND NON-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)

LAKE=SOUTH HOLSTON

MONTH	% BLACK BASS EFFORT BY TOURNAMENT ANGLERS	CATCH RATE FOR TOURNAMENT ANGLERS	# OF INTERVIEWS (TOURNAMENT)	CATCH RATE FOR NON-TOURNAMENT ANGLERS	# OF INTERVIEWS (NON-TOURNAMENT)
01 JANUARY	14	0.32	6	0.27	26
02 FEBRUARY	17	0.32	4	0.28	20
03 MARCH	0		0	0.22	32
04 APRIL	0		0	0.22	25
05 MAY	7	0.21	3	0.23	29
06 JUNE	28	0.41	4	0.19	21
07 JULY	0		0	0.27	33
08 AUGUST	0		0	0.14	21
09 SEPTEMBER	27	0.35	5	0.32	24
10 OCTOBER	0		0	0.27	25
11 NOVEMBER	0		0	0.29	31
12 DECEMBER	37	0.41	7	0.27	21

SUMMARY OF TRIP EXPENDITURES AND CONSUMER SURPLUS FOR INTENDED SPECIES - 2007

LAKE=SOUTH HOLSTON

INTENDED SPECIES	TOTAL TRIP EXPENDITURES	TOTAL CONSUMER SURPLUS	TOTAL VALUE BY ANGLERS	NUMBER OF INTERVIEWS
ANY CATFISH	2960	1770	4730	9
RAINBOW TROUT	780	870	1650	3
ANY TROUT	12740	13250	25990	53
ANY SUNFISH	530	420	960	1
ANY BLACK BASS	136890	73650	210540	308
SMALLMOUTH BASS	6160	5350	11510	27
LARGEMOUTH BASS	1270	210	1490	1
ANY CRAPPIE	11200	11800	23000	47
WALLEYE	37930	32060	69990	102
ANY SPECIES	6180	14020	20200	51
TOTAL	**216640**	**153400**	**370060**	**602**

SUMMARY OF SOCIOLOGICAL QUESTIONS - 2007

LAKE=SOUTH HOLSTON

DISTRIBUTION OF STATES OF RESIDENCE OF INTERVIEWED ANGLERS

STATE	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
TN	758	73.2
VA	262	25.3
OTHERS	16	1.5

DISTRIBUTION OF COUNTIES OF RESIDENCE OF INTERVIEWED ANGLERS

COUNTY	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
CARTER	59	7.8
JOHNSON	83	11.0
SULLIVAN	555	73.6
WASHINGTON	53	7.0
OTHERS IN TN	4	0.5

DISTRIBUTION OF ONE-WAY MILEAGE OF ANGLERS INTERVIEWED

ONE-WAY MILES TRAVELED	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 0-25	880	84.9
B) 26-100	140	13.5
C) 101-250	9	0.9
D) > 250	7	0.7

DISTRIBUTION OF REASONS WHY INTERVIWED ANGLERS MADE THE TRIP

REASON FOR TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) FISHING	601	99.5
B) VACATION	3	0.5

DISTRIBUTION OF NUMBER OF DAYS IN TRIPS OF INTERVIEWED ANGLERS

NUMBER DAYS IN TRIP	NUMBER ANGLERS INTERVIEWED	PERCENT CONTRIBUTION
A) 1	601	99.3
B) 2-5	4	0.7

Appendix I

Field Data Collection Forms

Tennessee Wildlife Resources Agency
Reservoir Angler Count

1. Calendar Date____/____/____
   mm dd yy

2. Day Period: am or pm (Circle One)

3. Reservoir _____ (Code)

4. Area _____

5. Clerk ID _____ (TWRA Radio Numbers)

6. Survey Method: Roving or Access Point (Circle)

7. Count of Bank Anglers _____

8. Count of Boat Anglers _____

9. Comments _____

_____

_____

_____

_____

_____

_____

_____

_____

Form No. WR-0795 (Rev. 11-00)
RDA 1455

Tennessee Wildlife Resources Agency
Reservoir Angler Survey

(Questions in bold represent angler contact questions)

1. Calendar Date____/____/_____ 2. Reservoir _____ (Code) 3. Area _____
mm dd yy

4. Angler Type: Bank or Boat (Circle) **5. Hours Fished ____.____**

6. How many more hours do you plan to fish today? ____.___ (indicate completed trip with a zero)

7. Party Size ____ (No. of anglers)

8. Principal Species Fished For: (Circle One)
997=any species, 370=crappie, 360=black bass, 364=LM bass, 362=SM bass, 363=SP bass, 345=sunfish, 238=catfish, 492=walleye, 491=sauger, 493 =saugeye, 282=trout, 287=lake trout, 279=rainbow trout, 284=brown trout, 325=temperate bass, 328=striped bass, 326=white bass, 329=cherokee bass, 268=musky, 16=other

Fish Harvest Information (for party):

Species Code	No. Harvested	Bulk Weight (lbs.)	No. Released
		.	
		.	
		.	
		.	
		.	
		.	

Economic Section

9. State of Residence _____ (Code) **10. County of Residence _____** (Code)

11. Miles from Home to Lake ____ (1 = 0-25 mi., 2 = 26-100 mi., 3 = 101-250 mi., 4 = over 250 mi.)

12. Reason for Trip ____ (1 = Fishing, 2 = Vacation, 3 = Business, 4 = Other)

13. No. of days in Trip _____

Clerk: *"I would now like to ask you some questions about the value of your fishing trip. It is important to the TWRA to estimate the value of reservoir sportfisheries. The next two questions will be used only to calculate this economic estimate."*

14. How much money will you spend on today's fishing trip for things like gas, food, bait, lodging, guides, etc.? $_____

15. How much more than $*value above* **would you be willing to pay to fish here per day, if for example, it just kept getting more and more expensive to make this trip?** $_____

Tournament Section

16. Was the angler(s) fishing in a tournament during the interview? Yes_____ No_____

Form No. WR-0794 (Rev. 12-01)
RDA 1455