

Final Report

Tennessee Reservoir Creel Survey

2008 Results

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November 2009

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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 completed 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 $RSE = (se/y) \times 100$. 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 0.5×0.4 , or 0.20, so an estimate of $e=100$ angler-hours for a given secondary unit would be expanded to $100/0.2$ or $100 \times 5 = 500$ 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 probabilities were estimated based on boat trailer counts that were measured from all ramps on every scheduled sample day. These probabilities were used to obtain the monthly area probability for the sampled ramp which was used to expand 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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Acknowledgments

The author expresses the deepest gratitude to the late Dr. Steve Malvestuto and his family for assistance in helping the TWRA adapt modern creel survey sampling and analytical methods the statewide reservoir creel survey. Dr. Malvestuto and KGN Consulting, Inc. provided the foundation program that was used to create the the estimates presented herein

This document would not be possible without the tireless efforts of the data collection staff (aka “creel clerks”) who work on the water year-round, sunrise to sunset, regardless of the conditions or disposition of the interview subjects in an effort to gain quality, unbiased data samples. These individuals follow:

Al Bartolotto
Gil Goss
Bill Heathcott
Charles Hensley
Patrick Johnson
Richard Markland
Tim Poole
Emily Satterfield
Don Seal
Paul Shaw
Danny Stone

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	RSE FOR HARVEST RATE
NORRIS	351078	32.6	1.01	54.2	66288	21.0	0.19	60.3
DALE HOLLOW	178938	11.6	0.53	23.0	68451	15.3	0.20	33.2
REELFOOT	1232892	11.2	2.37	10.6	861108	11.3	1.65	10.8
CHEROKEE	347704	9.4	0.85	12.7	81529	12.4	0.20	26.4
TIMS FORD	35786	20.1	0.63	58.3	9454	25.6	0.17	66.0
BARKLEY	304790	17.9	2.32	18.9	144792	22.5	1.10	26.1
CENTER HILL	180621	14.0	0.56	23.9	64656	17.3	0.20	33.8
PERCY PRIEST	1035894	8.8	1.32	22.3	292897	10.4	0.37	27.3
OLD HICKORY	1597814	9.5	1.65	16.0	254805	13.3	0.26	34.8
MELTON HILL	66060	9.7	0.75	30.0	6927	21.4	0.08	79.1
NORMANDY	20319	15.4	0.57	29.6	6963	24.0	0.20	68.3
FT. LOUDOUN	250960	8.8	1.27	20.1	41836	15.8	0.21	46.2
CHICKAMAUGA	1560100	9.9	3.16	13.8	367287	11.7	0.74	20.3
WATTS BAR	1326146	15.2	2.58	20.6	299453	18.8	0.58	34.8
PICKWICK	44602	17.8	0.68	72.4	10207	10.2	0.15	40.3
KENTUCKY	3767458	8.1	2.54	12.6	1786466	9.6	1.20	16.6
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STATEWIDE	12301162	3.9	1.82	18.3	4363119	5.0	0.64	23.0

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

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	345	141.6	68	0.1	0.00	.	0.00	.	0
DALE HOLLOW	4306	31.3	648	0.7	0.59	54.1	0.59	54.1	101
REELFOOT	6759	26.6	872	1.0	0.55	34.1	0.49	38.1	59
CHEROKEE	39978	16.3	8008	6.1	0.64	22.9	0.41	25.1	253
TIMS FORD	521	73.1	111	0.1	0.29	.	0.00	.	0
BARKLEY	22031	17.6	3565	3.4	0.89	31.5	0.85	30.5	197
CENTER HILL	6342	35.2	1183	1.0	0.22	39.3	0.22	39.3	21
PERCY PRIEST	48914	11.4	10870	7.5	0.33	54.1	0.24	60.7	93
OLD HICKORY	69273	13.3	15380	10.6	0.37	29.9	0.32	33.9	95
MELTON HILL	1703	33.9	466	0.3	0.10	0.0	0.00	.	0
NORMANDY	2332	25.8	463	0.4	0.32	39.1	0.24	55.8	63
FT. LOUDOUN	9449	21.1	2246	1.4	0.43	46.4	0.09	64.7	17
CHICKAMAUGA	100324	10.6	16131	15.3	1.48	15.1	0.63	20.0	1065
WATTS BAR	58667	16.4	9430	9.0	1.32	30.8	0.65	34.5	365
PICKWICK	13582	21.7	2319	2.1	0.76	14.1	0.66	19.0	67
KENTUCKY	269150	8.0	44095	41.2	0.76	22.7	0.60	24.6	1097
----- STATEWIDE	653676		115855						3493

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	NUMBER FISH RECORDED
DALE HOLLOW	887	61.5	134	29.0	0.12	.	0.08	.	1
MELTON HILL	2175	24.4	500	71.0	0.03	120.9	0.00	.	0
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STATEWIDE	3062		634						1

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	NUMBER FISH RECORDED
DALE HOLLOW	163	148.2	23	18.4	7.00	.	7.00	.	7
MELTON HILL	725	52.1	176	81.6	0.73	6.0	0.41	18.6	8
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STATEWIDE	888		199						15

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	NUMBER FISH RECORDED
DALE HOLLOW	2129	35.7	418	100.0	0.02	176.1	0.02	176.1	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	NUMBER FISH RECORDED
OLD HICKORY	742	139.6	184	100.0	0.00	.	0.00	.	0

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	NUMBER FISH RECORDED
CHEROKEE	895	73.1	168	0.9	0.47	.	0.47	.	3
TIMS FORD	251	69.7	50	0.2	0.46	0.0	0.00	.	0
BARKLEY	1623	42.0	291	1.6	2.07	26.9	1.18	31.8	47
PERCY PRIEST	13845	17.8	3089	13.6	0.56	110.8	0.20	132.9	31
OLD HICKORY	34966	18.6	7396	34.3	1.21	29.0	0.72	36.2	140
CHICKAMAUGA	2979	38.0	472	2.9	5.28	27.9	3.01	33.9	167
WATTS BAR	18988	24.4	3044	18.6	5.12	31.5	1.90	27.4	346
KENTUCKY	28297	22.6	4451	27.8	2.09	16.5	0.76	26.9	140
----- STATEWIDE	101844		18961						874

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	NUMBER FISH RECORDED
NORRIS	33232	18.0	6659	16.6	0.26	75.9	0.04	151.9	9
CHEROKEE	23301	15.3	4427	11.7	0.11	41.9	0.05	53.5	26
TIMS FORD	5962	24.2	1280	3.0	0.10	55.5	0.06	92.8	11
PERCY PRIEST	26829	14.0	5957	13.4	0.07	93.0	0.02	82.0	6
OLD HICKORY	54870	13.9	11887	27.5	0.18	47.9	0.09	62.6	38
MELTON HILL	6545	16.3	1688	3.3	0.06	88.5	0.00	.	0
FT. LOUDOUN	1926	61.5	443	1.0	0.86	.	0.00	.	0
CHICKAMAUGA	19536	17.9	3134	9.8	0.58	44.0	0.21	65.9	82
WATTS BAR	20108	21.9	3257	10.1	0.38	46.3	0.11	74.8	22
KENTUCKY	7283	36.7	1232	3.6	0.33	77.9	0.21	114.8	5
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STATEWIDE	199592		39964						199

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	NUMBER FISH RECORDED
CHEROKEE	44202	14.1	8513	61.5	0.61	15.2	0.21	18.7	187
TIMS FORD	789	44.0	158	1.1	0.36	44.1	0.30	57.9	9
PERCY PRIEST	25669	12.8	5667	35.7	0.52	57.5	0.14	61.7	34
OLD HICKORY	1167	83.8	226	1.6	0.00	.	0.00	.	0
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STATEWIDE	71827		14564						230

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	NUMBER FISH RECORDED
NORRIS	25006	17.5	4997	7.6	2.24	24.1	1.17	27.6	193
DALE HOLLOW	21051	16.4	3354	6.4	2.94	23.4	1.97	25.3	631
REELFOOT	121760	13.5	14779	37.0	2.50	5.9	2.05	5.6	3349
CHEROKEE	4361	38.1	857	1.3	1.86	16.1	0.75	24.0	22
TIMS FORD	1942	38.3	440	0.6	0.49	42.6	0.00	.	0
BARKLEY	9995	43.2	1640	3.0	7.73	9.0	6.29	10.0	493
CENTER HILL	7019	30.4	1348	2.1	1.95	38.6	1.29	43.7	99
PERCY PRIEST	23340	18.2	5275	7.1	2.31	42.7	1.00	52.5	139
OLD HICKORY	40453	17.3	8606	12.3	3.91	51.8	0.50	66.2	97
MELTON HILL	2295	28.7	613	0.7	1.73	15.8	0.64	53.4	37
NORMANDY	217	80.3	42	0.1	1.67	.	0.00	.	0
FT. LOUDOUN	5052	32.0	1125	1.5	1.66	58.5	0.42	103.7	16
CHICKAMAUGA	963	58.1	159	0.3	12.01	.	5.21	.	55
PICKWICK	3941	15.9	682	1.2	3.08	.	0.00	.	0
KENTUCKY	61813	21.8	9551	18.8	7.15	23.1	4.23	14.3	1928
----- STATEWIDE	----- 329208		----- 53468						----- 7059

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	NUMBER FISH RECORDED
NORRIS	124831	18.1	23313	9.0	0.42	23.0	0.01	156.8	11
DALE HOLLOW	69658	9.8	10773	5.0	0.33	22.2	0.10	42.6	109
REELFOOT	42972	14.1	5526	3.1	0.73	13.2	0.02	86.9	13
CHEROKEE	702	89.0	136	0.1	0.63	.	0.42	.	2
TIMS FORD	26982	10.3	5477	2.0	0.38	24.7	0.03	65.5	36
BARKLEY	50129	15.0	8274	3.6	2.01	13.8	0.24	27.0	132
CENTER HILL	160682	14.8	28486	11.6	0.56	18.4	0.19	28.0	253
PERCY PRIEST	1181	73.9	272	0.1	0.00	.	0.00	.	0
MELTON HILL	36214	7.4	9270	2.6	0.88	22.7	0.04	64.2	31
NORMANDY	18176	11.9	3781	1.3	0.52	27.4	0.18	58.7	240
FT. LOUDOUN	94694	8.0	20810	6.9	0.97	15.7	0.04	63.4	53
CHICKAMAUGA	200330	9.2	32077	14.5	1.18	21.5	0.06	43.0	207
WATTS BAR	245760	14.5	39275	17.8	0.92	11.9	0.06	46.5	126
PICKWICK	32931	19.5	5360	2.4	0.78	25.9	0.09	77.5	32
KENTUCKY	275430	8.0	44834	19.9	2.11	14.6	0.20	39.9	359
----- STATEWIDE	1380672		237664						1604

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	NUMBER FISH RECORDED
NORRIS	32140	27.0	6052	17.0	0.72	42.2	0.02	188.0	5
DALE HOLLOW	144566	9.1	21843	76.6	0.33	17.6	0.02	62.6	53
CHEROKEE	610	57.6	118	0.3	0.29	.	0.00	.	0
TIMS FORD	214	76.4	41	0.1	0.47	.	0.00	.	0
CENTER HILL	5124	44.8	938	2.7	0.10	58.5	0.00	.	0
PERCY PRIEST	2570	45.6	587	1.4	0.35	75.8	0.00	.	0
OLD HICKORY	2371	79.6	443	1.3	0.00	.	0.00	.	0
FT. LOUDOUN	536	80.7	119	0.3	0.25	.	0.00	.	0
WATTS BAR	361	103.3	51	0.2	0.00	.	0.00	.	0
KENTUCKY	329	143.5	50	0.2	0.00	.	0.00	.	0
----- STATEWIDE	188821		30242						58 -----

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	NUMBER FISH RECORDED
NORRIS	2687	89.2	456	17.7	0.38	.	0.28	.	12
CENTER HILL	11907	23.8	2299	78.3	0.87	41.7	0.51	46.4	45
PERCY PRIEST	622	63.1	140	4.1	1.51	7.8	0.00	.	0
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STATEWIDE	15216		2895						57

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	NUMBER FISH RECORDED
NORRIS	2244	60.0	438	0.2	0.10	172.8	0.00	.	0
DALE HOLLOW	2736	37.5	396	0.3	0.35	60.5	0.06	94.4	3
CHEROKEE	188140	9.4	36086	20.9	0.62	7.4	0.01	107.6	35
TIMS FORD	97	113.8	20	0.0	0.00	.	0.00	.	0
PERCY PRIEST	266450	6.4	59068	29.6	0.63	18.8	0.04	30.7	156
OLD HICKORY	431904	8.1	92943	48.0	1.16	14.1	0.06	32.0	165
NORMANDY	177	64.0	35	0.0	0.28	20.9	0.00	.	0
WATTS BAR	251	158.5	38	0.0	1.75	.	0.00	.	0
PICKWICK	333	142.6	53	0.0	1.00	.	0.00	.	0
KENTUCKY	7905	41.0	1223	0.9	1.72	9.0	0.23	75.0	7
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STATEWIDE	900237		190300						366

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	NUMBER FISH RECORDED
NORRIS	23948	34.2	4293	1.4	0.92	45.1	0.36	39.9	85
DALE HOLLOW	32267	12.3	4970	1.9	0.89	36.9	0.33	42.6	145
REELFOOT	339830	12.6	44615	20.4	1.91	7.8	1.36	7.9	4509
CHEROKEE	83486	11.8	15851	5.0	1.17	13.6	0.52	16.6	599
TIMS FORD	7867	14.6	1614	0.5	0.94	59.9	0.49	58.3	162
BARKLEY	37208	15.0	6285	2.2	3.74	18.0	2.41	17.5	1027
CENTER HILL	40187	21.0	7105	2.4	0.96	30.8	0.40	40.5	85
PERCY PRIEST	174730	6.4	39100	10.5	1.28	20.2	0.52	24.6	1053
OLD HICKORY	105202	17.4	21781	6.3	1.30	22.2	0.61	43.7	308
MELTON HILL	14091	12.2	3489	0.8	0.73	27.7	0.28	43.2	101
NORMANDY	11329	17.4	2293	0.7	0.67	46.6	0.29	46.9	243
FT. LOUDOUN	53849	9.2	11608	3.2	1.42	18.9	0.61	26.2	422
CHICKAMAUGA	40793	11.9	6521	2.5	2.09	21.7	0.84	22.5	705
WATTS BAR	44716	19.7	7064	2.7	2.44	19.8	1.05	24.3	520
PICKWICK	996	68.5	170	0.1	1.78	.	1.53	.	35
KENTUCKY	654143	8.6	105249	39.3	2.59	11.4	1.67	12.7	10553
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STATEWIDE	1664642		282008						20552

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	NUMBER FISH RECORDED
OLD HICKORY	32664	19.9	6925	18.3	0.80	27.9	0.13	42.5	54
FT. LOUDOUN	963	56.9	218	0.5	0.00	.	0.00	.	0
CHICKAMAUGA	8829	23.5	1428	4.9	2.73	19.9	0.22	33.4	33
WATTS BAR	9236	30.6	1539	5.2	1.95	26.0	0.24	50.9	29
KENTUCKY	126753	14.2	20485	71.0	0.48	25.4	0.21	29.5	382
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STATEWIDE	178445		30595						498

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	NUMBER FISH RECORDED
NORRIS	40665	15.5	8049	28.2	0.08	59.8	0.07	70.7	27
DALE HOLLOW	34411	13.0	6209	23.9	0.32	28.3	0.23	30.6	162
CHEROKEE	3390	38.4	686	2.4	0.27	58.7	0.07	109.6	3
TIMS FORD	2787	28.5	606	1.9	0.01	86.2	0.01	86.2	4
CENTER HILL	56375	15.2	10545	39.1	0.21	38.8	0.06	52.4	38
OLD HICKORY	6304	39.3	1371	4.4	0.42	31.3	0.10	0.0	2
MELTON HILL	161	103.8	46	0.1	0.00	.	0.00	.	0
NORMANDY	117	82.3	25	0.1	0.13	127.1	0.00	.	0
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STATEWIDE	144210		27537						236

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	NUMBER FISH RECORDED
OLD HICKORY	1882	96.2	353	100.0	0.00	.	0.00	.	0

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	NUMBER FISH RECORDED
NORRIS	61229	12.7	12221	6.7	0.62	53.2	0.09	85.6	29
DALE HOLLOW	23231	13.3	3978	2.5	0.10	85.7	0.05	167.3	17
REELFOOT	9154	23.8	1203	1.0	0.62	120.3	0.54	136.5	51
CHEROKEE	18608	17.6	3611	2.0	0.55	36.0	0.25	35.9	36
TIMS FORD	8995	19.0	1846	1.0	0.78	40.6	0.23	68.5	37
BARKLEY	10131	35.0	1647	1.1	1.37	30.5	0.64	42.1	74
CENTER HILL	34780	19.4	6465	3.8	0.15	142.4	0.10	131.8	15
PERCY PRIEST	199542	7.0	44475	21.8	1.06	24.8	0.39	33.1	681
OLD HICKORY	188461	9.1	40954	20.6	1.18	29.2	0.39	62.4	253
MELTON HILL	24005	8.6	6210	2.6	0.72	49.4	0.01	168.0	5
NORMANDY	3036	23.9	620	0.3	0.31	71.4	0.01	244.4	4
FT. LOUDOUN	31102	11.7	6812	3.4	0.74	34.6	0.07	111.5	20
CHICKAMAUGA	119750	10.9	19236	13.1	4.78	17.9	1.64	28.7	2065
WATTS BAR	116692	16.4	18846	12.7	3.26	22.6	1.01	39.5	712
PICKWICK	14156	27.6	2442	1.5	2.25	44.1	0.61	56.7	34
KENTUCKY	53866	14.2	8814	5.9	2.14	39.5	0.95	53.6	299
----- STATEWIDE	916738		179380						4332

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	NUMBER FISH RECORDED
OLD HICKORY	251	140.3	57	65.7	0.00	.	0.00	.	0
FT. LOUDOUN	131	137.3	25	34.3	0.00	.	0.00	.	0
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STATEWIDE	382		82						0

**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
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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	RSE FOR HARVEST RATE
01 JANUARY	101862	43.1	1.72	33.4	53892	43.6	0.91	34.2
02 FEBRUARY	396717	24.7	2.47	13.1	265013	25.5	1.65	14.4
03 MARCH	481224	29.2	2.58	17.1	238747	32.0	1.28	21.3
04 APRIL	875263	14.9	3.11	8.8	461553	16.8	1.64	11.6
05 MAY	877849	21.5	3.74	6.3	448313	23.0	1.91	10.3
06 JUNE	292380	19.4	2.06	14.0	102191	25.7	0.72	21.7
07 JULY	234925	21.7	2.25	10.8	52206	34.3	0.50	28.4
08 AUGUST	116366	26.0	1.43	15.4	30109	31.7	0.37	23.6
09 SEPTEMBER	120672	27.5	1.45	14.9	35785	30.4	0.43	19.6
10 OCTOBER	184737	23.2	2.01	19.2	60660	27.4	0.66	24.3
11 NOVEMBER	69424	27.8	1.43	16.4	30585	30.9	0.63	20.8
12 DECEMBER	16040	47.0	1.45	40.6	7412	57.8	0.67	52.3
----- TOTAL	3767459				----- 1786466			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=KENTUCKY

SPECIES	TOTAL	RSE	SPECIES	INTENDED	TOTAL	RSE	SPECIES	INTENDED	% OF	AVERAGE	NUMBER
	NUMBER		CATCH		HARVEST		CAUGHT		CAUGHT		
	FISH	FOR	COMPOSITION	NUMBER	FISH	FOR	COMPOSITION	NUMBER	FISH	(LBS)	FISH
	CAUGHT	CATCH	(%)	CAUGHT	HARVESTED	HARVEST	(%)	HARVESTED	RELEASED		RECORDED
SKIPJACK HERRING	202	911.8	0.0	0	0	.	0.0	0	100.0	.	0
ALEWIFE	3420	352.7	0.1	0	1533	540.7	0.1	0	55.2	0.77	33
GIZZARD SHAD	1727	302.6	0.0	0	333	594.1	0.0	0	80.7	1.22	6
SHORTHEAD REDHORSE	2872	699.3	0.1	2872	0	.	0.0	0	100.0	.	0
BLUE CATFISH	140784	30.0	3.7	138730	101541	39.0	5.7	100554	27.9	2.24	822
CHANNEL CATFISH	64061	47.9	1.7	63724	46733	61.2	2.6	46733	27.0	2.96	291
FLATHEAD CATFISH	341	1183.8	0.0	341	341	1183.8	0.0	341	0.0	7.90	2
CHAIN PICKERAL	328	1477.0	0.0	0	0	.	0.0	0	100.0	.	0
TIGER MUSKIE	117	984.5	0.0	117	117	984.5	0.0	117	0.0	1.70	3
WHITE BASS	106081	39.7	2.8	62218	29848	48.3	1.7	22279	71.9	0.85	196
YELLOW BASS	195848	20.7	5.2	8197	1502	403.6	0.1	1502	99.2	0.31	8
STRIPED BASS	1665	315.2	0.0	1469	968	404.8	0.1	691	41.9	6.56	7
CHEROKEE BASS	1905	1505.7	0.1	0	1724	1591.5	0.1	0	9.5	1.48	11
WARMOUTH	367	1163.3	0.0	367	0	.	0.0	0	100.0	.	0
BLUEGILL	475123	19.3	12.6	425399	279020	27.2	15.6	273529	41.3	0.28	1931
REDEAR SUNFISH	57453	75.9	1.5	57453	38848	94.3	2.2	38848	32.4	0.51	248
SMALLMOUTH BASS	7619	273.9	0.2	7306	105	1293.2	0.0	105	98.6	3.70	1
SPOTTED BASS	57757	57.1	1.5	47677	7612	104.7	0.4	4758	86.8	1.21	62
LARGEMOUTH BASS	570616	10.8	15.2	530765	16872	38.9	0.9	16358	97.0	2.65	95
WHITE CRAPPIE	1128103	8.3	30.0	1120073	665320	11.4	37.2	660667	41.0	0.75	5997
BLACK CRAPPIE	839365	11.4	22.3	836877	552952	15.3	30.9	551045	34.1	0.94	4635
BLACKNOSE CRAPPIE	39	3339.9	0.0	39	0	.	0.0	0	100.0	.	0
YELLOW PERCH	107	904.7	0.0	0	107	904.7	0.0	0	0.0	0.50	1
SAUGER	100786	20.9	2.7	97900	40497	28.3	2.3	38881	59.8	1.29	401
FRESHWATER DRUM	6392	301.1	0.2	107	169	1287.3	0.0	169	97.4	2.20	1

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	NUMBER OF INTERVIEWS
ANY CATFISH	269150	8.0	44095	18.1	0.76	22.7	0.60	24.6	315
WHITE BASS	28297	22.6	4451	1.9	2.09	16.5	0.76	26.9	32
STRIPED BASS	7283	36.7	1232	0.5	0.33	77.9	0.21	114.8	13
ANY SUNFISH	61813	21.8	9551	4.2	7.15	23.1	4.23	14.3	50
ANY BLACK BASS	275430	8.0	44834	18.5	2.11	14.6	0.20	39.9	513
SMALLMOUTH BASS	329	143.5	50	0.0	0.00		0.00		1
LARGEMOUTH BASS	7905	41.0	1223	0.5	1.72	9.0	0.23	75.0	9
ANY CRAPPIE	654143	8.6	105249	44.1	2.59	11.4	1.67	12.7	899
SAUGER	126753	14.2	20485	8.5	0.48	25.4	0.21	29.5	165
ANY SPECIES	53866	14.2	8814	3.6	2.14	39.5	0.95	53.6	51
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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-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	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 INTERVIEWED 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
NORTH
RESERVOIR**

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	RSE FOR HARVEST RATE
01 JANUARY	79287	50.0	2.38	28.8	44308	50.3	1.33	29.2
02 FEBRUARY	330633	30.2	3.04	12.5	237099	30.4	2.18	12.8
03 MARCH	397703	34.9	2.85	17.5	207922	36.9	1.49	20.9
04 APRIL	806645	16.3	3.42	8.2	422191	18.2	1.79	11.4
05 MAY	762958	27.6	4.52	5.2	405110	28.7	2.40	9.1
06 JUNE	214182	22.7	2.32	12.2	77549	26.9	0.84	18.7
07 JULY	108190	27.0	1.78	14.4	24920	44.1	0.41	36.9
08 AUGUST	65261	29.7	1.36	10.5	14396	38.1	0.30	25.3
09 SEPTEMBER	45035	38.8	1.34	17.0	9746	42.0	0.29	22.7
10 OCTOBER	123428	25.6	2.31	17.3	43280	31.4	0.81	24.9
11 NOVEMBER	47877	36.2	1.78	14.5	23400	37.1	0.87	16.5
12 DECEMBER	11566	37.1	2.05	28.6	5924	41.0	1.05	33.3
----- TOTAL	2992765				1515845			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=KENTUCKY #1 NORTH

SPECIES	TOTAL	RSE	SPECIES	INTENDED	TOTAL	RSE	SPECIES	INTENDED	% OF	AVERAGE	NUMBER
	NUMBER		CATCH		COMPOSITION		NUMBER		FOR		
	FISH	FOR	(%)	CAUGHT	FISH	FOR	(%)	HARVESTED	FISH	(LBS)	RECORDED
	CAUGHT	CATCH			HARVESTED	HARVEST			RELEASED		
ALEWIFE	1486	580.0	0.0	0	900	779.0	0.1	0	39.4	0.83	28
SHORHEAD REDHORSE	2872	699.3	0.1	2872	0		0.0	0	100.0		0
BLUE CATFISH	39138	96.9	1.3	38450	37212	100.5	2.5	37125	4.9	1.90	429
CHANNEL CATFISH	12892	209.4	0.4	12769	12532	212.1	0.8	12532	2.8	2.56	100
CHAIN PICKERAL	328	1477.0	0.0	0	0		0.0	0	100.0		0
TIGER MUSKIE	117	984.5	0.0	117	117	984.5	0.0	117	0.0	1.70	3
WHITE BASS	26933	118.1	0.9	14531	3127	274.1	0.2	3127	88.4	0.59	25
YELLOW BASS	188699	20.0	6.3	6378	300	315.3	0.0	300	99.8	0.33	4
CHEROKEE BASS	1905	1505.7	0.1	0	1724	1591.5	0.1	0	9.5	1.48	11
BLUEGILL	388351	22.5	13.0	358388	260054	28.9	17.2	259202	33.0	0.28	1832
REDEAR SUNFISH	47596	83.3	1.6	47596	33669	103.6	2.2	33669	29.3	0.51	217
SMALLMOUTH BASS	6493	309.1	0.2	6385	0		0.0	0	100.0		0
SPOTTED BASS	20964	124.5	0.7	20964	272	895.2	0.0	272	98.7	1.43	3
LARGEMOUTH BASS	372017	13.5	12.4	343997	1518	162.8	0.1	1485	99.6	2.21	16
WHITE CRAPPIE	1050434	8.7	35.1	1042911	616642	12.1	40.7	612094	41.3	0.75	5686
BLACK CRAPPIE	825095	11.4	27.6	822735	546511	15.3	36.1	544727	33.8	0.94	4591
BLACKNOSE CRAPPIE	39	3339.9	0.0	39	0		0.0	0	100.0		0
SAUGER	1421	632.6	0.0	1346	739	354.5	0.0	707	48.0	1.44	23
FRESHWATER DRUM	4193	360.3	0.1	0	0		0.0	0	100.0		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	NUMBER OF INTERVIEWS
ANY CATFISH	119238	11.7	19095	11.8	0.58	23.7	0.57	24.1	165
WHITE BASS	8059	29.4	1308	0.8	1.82	24.1	0.36	75.0	16
ANY SUNFISH	51085	25.5	7754	5.1	8.32	9.2	6.26	10.6	41
ANY BLACK BASS	187208	10.0	29845	18.6	2.23	10.0	0.14	30.6	375
SMALLMOUTH BASS	329	143.5	50	0.0	0.00		0.00		1
LARGEMOUTH BASS	1002	105.7	179	0.1	0.75		0.00		1
ANY CRAPPIE	589297	9.4	94688	58.5	3.91	7.5	2.50	7.9	801
SAUGER	25267	26.6	4503	2.5	0.09	58.3	0.06	59.2	31
ANY SPECIES	25458	19.4	3959	2.5	2.72	41.2	1.40	48.4	26
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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-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	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 INTERVIEWED 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
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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 FOR HARVEST RATE
01 JANUARY	22799	55.6	0.88	44.7	9327	54.4	0.36	43.3
02 FEBRUARY	65334	31.6	1.26	10.5	28000	35.3	0.54	18.4
03 MARCH	83148	29.9	1.77	9.7	30534	31.5	0.65	13.5
04 APRIL	67450	23.1	1.48	15.7	39194	19.2	0.86	9.3
05 MAY	114047	26.8	1.73	13.9	44168	29.9	0.67	19.0
06 JUNE	78883	23.2	1.59	18.9	25302	34.0	0.51	31.1
07 JULY	126963	32.9	2.91	7.7	27051	38.3	0.62	20.3
08 AUGUST	50750	37.2	1.52	19.6	15692	38.4	0.47	21.6
09 SEPTEMBER	75415	33.7	1.52	13.7	25800	35.9	0.52	18.1
10 OCTOBER	61563	28.5	1.60	22.8	16930	22.0	0.44	14.1
11 NOVEMBER	21651	35.5	1.00	20.1	7361	45.6	0.34	34.1
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	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
SKIPJACK HERRING	202	911.8	0.0	0	0	.	0.0	0	100.0	.	0
ALEWIFE	1934	436.2	0.3	0	633	698.4	0.2	0	67.3	0.43	5
GIZZARD SHAD	1727	302.6	0.2	0	333	594.1	0.1	0	80.7	1.22	6
BLUE CATFISH	101645	18.2	13.2	100403	64331	20.2	23.8	63185	36.7	2.61	393
CHANNEL CATFISH	51170	28.5	6.6	50984	34203	30.9	12.6	34203	33.2	3.18	191
FLATHEAD CATFISH	341	1183.8	0.0	341	341	1183.8	0.1	341	0.0	7.90	2
WHITE BASS	79146	34.9	10.2	48132	26721	43.4	9.9	18897	66.2	0.89	171
YELLOW BASS	7148	207.6	0.9	2274	1202	498.1	0.4	1202	83.2	0.30	4
STRIPED BASS	1665	315.2	0.2	1469	968	404.8	0.4	691	41.9	6.56	7
WARMOUTH	367	1163.3	0.0	367	0	.	0.0	0	100.0	.	0
BLUEGILL	86772	32.9	11.2	63848	18965	53.8	7.0	12835	78.1	0.34	99
REDEAR SUNFISH	9859	184.2	1.3	9859	5179	215.3	1.9	5179	47.5	0.53	31
SMALLMOUTH BASS	1125	507.4	0.1	952	105	1293.2	0.0	105	90.7	3.70	1
SPOTTED BASS	36794	54.7	4.8	25771	7340	103.4	2.7	4243	80.1	1.20	59
LARGEMOUTH BASS	198598	17.7	25.7	188834	15356	39.6	5.7	14596	92.3	2.74	79
WHITE CRAPPIE	77667	26.8	10.1	77184	48678	28.2	18.0	48678	37.3	0.74	311
BLACK CRAPPIE	14271	125.5	1.8	14118	6440	145.6	2.4	6294	54.9	0.80	44
YELLOW PERCH	107	904.7	0.0	0	107	904.7	0.0	0	0.0	0.50	1
SAUGER	99365	19.2	12.9	96620	39758	28.0	14.7	38180	60.0	1.28	378
FRESHWATER DRUM	2200	542.1	0.3	220	169	1287.3	0.1	169	92.3	2.20	1

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	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	149912	10.9	24999	31.4	0.95	21.3	0.65	24.3	150
WHITE BASS	20238	29.4	3143	4.2	2.19	15.2	0.92	21.5	16
STRIPED BASS	7283	36.7	1232	1.5	0.33	77.9	0.21	114.8	13
ANY SUNFISH	10728	32.1	1799	2.2	5.22	36.1	1.79	33.4	9
ANY BLACK BASS	88222	13.1	14987	18.5	2.03	17.6	0.23	38.4	138
LARGEMOUTH BASS	6903	44.4	1044	1.4	1.87	8.4	0.26	65.5	8
ANY CRAPPIE	64846	12.9	10560	13.6	1.33	22.9	0.80	25.4	98
SAUGER	101486	16.4	15983	21.2	0.81	17.7	0.33	17.7	134
ANY SPECIES	28408	20.6	4855	5.9	1.81	29.3	0.52	53.0	25
----- 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-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	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 INTERVIEWED 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

**BARLEY
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
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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 FOR HARVEST RATE
01 JANUARY	3027	49.1	2.84	11.1	2420	48.8	2.27	10.1
02 FEBRUARY	2492	17.1	1.78	7.8	1876	16.1	1.34	5.1
04 APRIL	69573	18.5	2.60	13.8	27829	22.4	1.04	18.7
05 MAY	116637	44.2	3.20	21.8	67431	46.6	1.85	25.7
06 JUNE	40072	17.5	2.21	12.1	20670	22.2	1.14	18.2
07 JULY	21934	30.9	1.59	6.4	4552	34.8	0.33	16.5
08 AUGUST	11149	9.8	1.66	9.5	3022	13.7	0.45	13.6
09 SEPTEMBER	3687	37.5	0.49	14.9	1053	37.8	0.14	15.7
10 OCTOBER	21720	23.0	1.67	15.1	8064	19.4	0.62	9.1
11 NOVEMBER	11541	31.7	2.39	21.4	6229	35.2	1.29	26.1
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	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
BLUE CATFISH	12759	128.4	4.2	11750	11408	135.1	7.9	10915	10.6	2.05	162
CHANNEL CATFISH	4328	190.6	1.4	4063	4328	190.6	3.0	4063	0.0	2.36	49
FLATHEAD CATFISH	87	1827.1	0.0	87	87	1827.1	0.1	87	0.0	2.10	1
WHITE BASS	4549	86.9	1.5	3791	1823	86.3	1.3	1823	59.9	0.69	47
YELLOW BASS	19137	52.9	6.3	1211	134	448.3	0.1	134	99.3	0.33	3
STRIPED BASS	105	739.8	0.0	0	56	858.6	0.0	0	46.7	1.80	1
BLUEGILL	68187	42.5	22.4	63826	48323	53.2	33.4	48323	29.1	0.27	477
REDEAR SUNFISH	9447	154.1	3.1	9447	9167	158.2	6.3	9167	3.0	0.52	77
SMALLMOUTH BASS	50	1725.3	0.0	50	0	0	0.0	0	100.0		0
LARGEMOUTH BASS	79846	18.3	26.2	77430	1861	145.0	1.3	1861	97.7	2.58	19
WHITE CRAPPIE	56636	35.2	18.6	56636	35585	46.2	24.6	35585	37.2	0.73	484
BLACK CRAPPIE	47957	30.6	15.7	47712	32022	36.9	22.1	31906	33.2	0.89	550
FRESHWATER DRUM	1835	282.3	0.6	153	0	0	0.0	0	100.0		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	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	22031	17.6	3565	16.8	0.89	31.5	0.85	30.5	42
WHITE BASS	1623	42.0	291	1.2	2.07	26.9	1.18	31.8	9
ANY SUNFISH	9995	43.2	1640	7.6	7.73	9.0	6.29	10.0	8
ANY BLACK BASS	50129	15.0	8274	38.2	2.01	13.8	0.24	27.0	115
ANY CRAPPIE	37208	15.0	6285	28.4	3.74	18.0	2.41	17.5	97
ANY SPECIES	10131	35.0	1647	7.7	1.37	30.5	0.64	42.1	11
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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-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)
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 INTERVIEWED 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 FOR HARVEST RATE
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	52.9
05 MAY	4283		0.44		779		0.08	
06 JUNE	3452	43.3	0.55	18.7	565	45.9	0.09	22.6
07 JULY	6688	38.8	1.42	36.0	1554	19.7	0.33	14.2
08 AUGUST	1973	9.3	0.40	0.3	197	104.7	0.04	100.0
09 SEPTEMBER	3276		0.52		2016		0.32	
10 OCTOBER	2236		0.39		0		0.00	
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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	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
BLUE CATFISH	4153	17.7	9.3	4153	3878	14.7	38.0	3878	6.6	4.54	42
CHANNEL CATFISH	2526	69.4	5.7	2526	1338	51.6	13.1	1338	47.0	2.38	30
BLUEGILL	14625	43.2	32.8	14625	2353	24.7	23.1	2353	83.9	0.25	25
SMALLMOUTH BASS	1359	159.1	3.1	1359	16	365.1	0.2	16	98.8	2.10	1
SPOTTED BASS	2520	112.3	5.7	2520	186	0.0	1.8	186	92.6	1.25	1
LARGEMOUTH BASS	16171	28.0	36.3	16171	1330	23.6	13.0	1330	91.8	2.92	17
WHITE CRAPPIE	1198	202.8	2.7	1198	888	89.8	8.7	888	25.9	0.66	37
SAUGER	529	254.5	1.2	212	219	71.8	2.1	219	58.6	1.40	2

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	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	13582	21.7	2319	20.6	0.76	14.1	0.66	19.0	22
ANY SUNFISH	3941	15.9	682	6.0	3.08		0.00		2
ANY BLACK BASS	32931	19.5	5360	49.9	0.78	25.9	0.09	77.5	48
LARGEMOUTH BASS	333	142.6	53	0.5	1.00		0.00		1
ANY CRAPPIE	996	68.5	170	1.5	1.78		1.53		2
ANY SPECIES	14156	27.6	2442	21.5	2.25	44.1	0.61	56.7	9
-----	-----		-----						
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-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	0.86	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 INTERVIEWED 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	RSE FOR HARVEST RATE
02 FEBRUARY	8089	60.3	1.35	26.9	6651	60.9	1.11	27.9
03 MARCH	108476	37.6	1.08	24.2	82362	40.1	0.82	27.6
04 APRIL	593853	18.4	2.66	8.5	426413	17.8	1.91	7.2
05 MAY	447708	16.4	2.90	5.8	304133	16.5	1.97	5.9
06 JUNE	39788	29.5	2.30	24.3	23008	30.8	1.33	25.8
07 JULY	8535	50.7	1.83	39.6	4198	76.1	0.90	67.2
08 AUGUST	2649	53.6	0.59	31.1	898	68.6	0.20	50.4
09 SEPTEMBER	1734	54.0	0.70	36.2	446	55.4	0.18	38.2
10 OCTOBER	20187	38.6	3.59	13.1	12314	40.6	2.19	17.7
11 NOVEMBER	1874	62.9	1.01	13.9	686	73.5	0.37	35.1
----- 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	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
SHORTNOSE GAR	41	1863.0	0.0	0	41	1863.0	0.0	0	0.0	2.85	1
BOWFIN	133	1038.6	0.0	67	0	.	0.0	0	100.0	.	0
CHANNEL CATFISH	26233	52.1	2.1	6843	22102	59.1	2.6	5440	15.7	2.43	260
YELLOW BASS	43221	38.3	3.5	474	26792	54.2	3.1	246	38.0	0.40	218
WARMOUTH	3390	196.2	0.3	3390	808	707.7	0.1	808	76.2	0.42	11
BLUEGILL	358231	13.9	29.0	353856	284475	16.7	33.0	281470	20.6	0.45	3408
LONGEAR SUNFISH	106	3757.8	0.0	106	0	.	0.0	0	100.0	.	0
LARGEMOUTH BASS	35083	37.0	2.8	34886	774	253.4	0.1	774	97.8	3.29	13
WHITE CRAPPIE	752110	11.0	60.9	733718	523926	14.5	60.8	510124	30.3	0.68	4631
BLACK CRAPPIE	1462	821.5	0.1	1329	1462	821.5	0.2	1329	0.0	0.72	11
FRESHWATER DRUM	14360	83.3	1.2	0	728	470.5	0.1	0	94.9	2.41	7

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	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	6759	26.6	872	1.3	0.55	34.1	0.49	38.1	19
ANY SUNFISH	121760	13.5	14779	23.4	2.50	5.9	2.05	5.6	251
ANY BLACK BASS	42972	14.1	5526	8.3	0.73	13.2	0.02	86.9	131
ANY CRAPPIE	339830	12.6	44615	65.3	1.91	7.8	1.36	7.9	558
ANY SPECIES	9154	23.8	1203	1.8	0.62	120.3	0.54	136.5	22
----- 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-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)
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 INTERVIEWED 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 FOR HARVEST RATE
01 JANUARY	2377	86.1	0.98	62.2	146	65.3	0.06	38.0
02 FEBRUARY	1821	43.9	0.85	40.5	129	79.5	0.06	72.4
03 MARCH	3908	37.6	0.78	15.5	1353	36.3	0.27	12.2
04 APRIL	3121	36.9	0.46	28.6	339	71.1	0.05	64.2
05 MAY	6779	81.8	1.17	79.0	1506	85.0	0.26	80.9
06 JUNE	2696	66.9	0.50	59.3	377	72.4	0.07	64.8
07 JULY	5393	43.3	0.53	22.5	2442	70.2	0.24	57.4
08 AUGUST	1266	45.8	0.37	25.6	376	55.1	0.11	40.4
09 SEPTEMBER	2733	35.4	0.45	22.7	1093	46.1	0.18	36.6
10 OCTOBER	1915	39.9	0.39	33.9	589	52.4	0.12	48.0
11 NOVEMBER	2994	39.0	1.04	32.0	921	74.8	0.32	71.1
12 DECEMBER	783	120.7	0.56	88.1	182	113.3	0.13	78.3
----- TOTAL	35786				9453			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=TIMS FORD

SPECIES	TOTAL	RSE	SPECIES	INTENDED	TOTAL	RSE	SPECIES	INTENDED	% OF	AVERAGE	NUMBER
	NUMBER	FOR	CATCH	NUMBER	NUMBER	FOR	HARVEST	NUMBER	CAUGHT	WEIGHT	FISH
	FISH	CATCH	COMPOSITION	CAUGHT	FISH	HARVEST	COMPOSITION	HARVESTED	FISH	(LBS)	RECORDED
	CAUGHT		(%)		HARVESTED		(%)		RELEASED		
ANY GAR	62	580.5	0.2	0	0		0.0	0	100.0		0
CARP	37	837.0	0.1	0	0		0.0	0	100.0		0
BLUE CATFISH	42	575.5	0.1	0	42	575.5	0.4	0	0.0	0.86	1
CHANNEL CATFISH	1764	61.6	4.9	1283	1244	70.8	13.2	1175	29.5	1.01	18
FLATHEAD CATFISH	34	571.8	0.1	34	0		0.0	0	100.0		0
WHITE BASS	755	156.6	2.1	240	209	229.2	2.2	42	72.3	0.69	5
STRIPED BASS	747	118.4	2.1	575	393	131.0	4.2	360	47.4	7.13	12
CHEROKEE BASS	1024	100.2	2.9	341	726	113.2	7.7	311	29.1	4.06	21
BLUEGILL	3475	63.5	9.7	3273	615	115.7	6.5	564	82.3	0.15	12
SMALLMOUTH BASS	7933	31.3	22.2	7675	476	52.0	5.0	413	94.0	3.16	15
SPOTTED BASS	2102	57.2	5.9	1972	73	124.5	0.8	58	96.5	1.02	5
LARGEMOUTH BASS	5306	35.3	14.8	5163	699	71.2	7.4	699	86.8	2.20	20
WHITE CRAPPIE	482	152.4	1.3	482	401	132.5	4.2	401	16.8	0.75	13
BLACK CRAPPIE	1324	77.0	3.7	1245	1196	79.3	12.7	1196	9.7	0.87	47
BLACKNOSE CRAPPIE	3013	40.7	8.4	2926	2760	42.8	29.2	2699	8.4	1.09	83
WALLEYE	95	234.9	0.3	63	95	234.9	1.0	63	0.0	2.48	5
FRESHWATER DRUM	220	432.4	0.6	37	0		0.0	0	100.0		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	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	521	73.1	111	0.9	0.29		0.00		3
WHITE BASS	251	69.7	50	0.4	0.46	0.0	0.00		3
STRIPED BASS	5962	24.2	1280	10.6	0.10	55.5	0.06	92.8	40
CHEROKEE BASS	789	44.0	158	1.4	0.36	44.1	0.30	57.9	7
ANY SUNFISH	1942	38.3	440	3.4	0.49	42.6	0.00		7
ANY BLACK BASS	26982	10.3	5477	47.8	0.38	24.7	0.03	65.5	239
SMALLMOUTH BASS	214	76.4	41	0.4	0.47		0.00		3
LARGEMOUTH BASS	97	113.8	20	0.2	0.00		0.00		1
ANY CRAPPIE	7867	14.6	1614	13.9	0.94	59.9	0.49	58.3	86
WALLEYE	2787	28.5	606	4.9	0.01	86.2	0.01	86.2	14
ANY SPECIES	8995	19.0	1846	15.9	0.78	40.6	0.23	68.5	54
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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-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	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 INTERVIEWED 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 FOR HARVEST RATE
01 JANUARY	519	72.8	2.10	44.3	331	99.7	1.34	74.6
02 FEBRUARY	364	42.1	0.21	34.4	156	22.8	0.09	0.0
03 MARCH	630	46.8	0.29	21.3	87	69.1	0.04	48.8
04 APRIL	2153	66.1	0.58	36.1	1448	82.5	0.39	57.2
05 MAY	2701	49.9	0.75	21.1	684	53.5	0.19	26.7
06 JUNE	2879	28.7	0.62	18.2	1440	49.9	0.31	43.3
07 JULY	2998	29.7	0.50	18.8	480	44.4	0.08	38.9
08 AUGUST	1297	41.8	0.38	24.8	580	54.2	0.17	41.2
09 SEPTEMBER	1098	62.0	0.80	38.7	302	67.5	0.22	46.1
10 OCTOBER	2812	49.5	0.54	36.5	833	65.8	0.16	54.2
11 NOVEMBER	2339	51.2	1.04	14.5	405	63.6	0.18	36.5
12 DECEMBER	529	52.8	0.51	22.2	218	98.0	0.21	76.9
----- 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	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
CARP	7	966.8	0.0	0	0		0.0	0	100.0		0
ANY CARPSUCKER	27	867.9	0.1	14	0		0.0	0	100.0		0
YELLOW BULLHEAD	24	482.4	0.1	24	24	482.4	0.3	24	0.0	2.15	3
BLUE CATFISH	70	411.0	0.3	40	70	411.0	1.0	40	0.0	4.50	7
CHANNEL CATFISH	640	88.3	3.2	516	412	89.3	5.9	356	35.6	2.97	44
FLATHEAD CATFISH	188	146.3	0.9	171	179	150.7	2.6	162	4.8	4.70	21
ROCK BASS	46	677.2	0.2	31	39	779.6	0.6	39	15.2	0.56	2
WARMOUTH	31	548.4	0.2	16	19	805.5	0.3	0	38.7	0.78	1
BLUEGILL	368	163.8	1.8	156	8	513.1	0.1	0	97.8	0.32	1
SMALLMOUTH BASS	595	121.3	2.9	583	67	226.6	1.0	60	88.7	2.49	9
SPOTTED BASS	5076	20.4	25.1	4843	1699	32.8	24.4	1668	66.5	1.18	156
LARGEMOUTH BASS	3109	24.3	15.3	3063	578	41.2	8.3	562	81.4	3.01	71
WHITE CRAPPIE	597	97.8	2.9	597	549	100.3	7.9	549	8.0	1.02	31
BLACK CRAPPIE	574	89.3	2.8	515	542	92.7	7.8	482	5.6	1.17	36
BLACKNOSE CRAPPIE	3528	32.0	17.4	3333	2776	33.9	39.9	2645	21.3	1.30	190
YELLOW PERCH	53	420.4	0.3	40	0		0.0	0	100.0		0
WALLEYE	37	721.7	0.2	25	0		0.0	0	100.0		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	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	2332	25.8	463	6.6	0.32	39.1	0.24	55.8	21
ANY SUNFISH	217	80.3	42	0.6	1.67		0.00		1
ANY BLACK BASS	18176	11.9	3781	51.4	0.52	27.4	0.18	58.7	209
LARGEMOUTH BASS	177	64.0	35	0.5	0.28	20.9	0.00		3
ANY CRAPPIE	11329	17.4	2293	32.0	0.67	46.6	0.29	46.9	100
WALLEYE	117	82.3	25	0.3	0.13	127.1	0.00		3
ANY SPECIES	3036	23.9	620	8.6	0.31	71.4	0.01	244.4	24
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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-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)**

LAKE=NORMANDY

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	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 INTERVIEWED 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
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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	RSE FOR HARVEST RATE
01 JANUARY	34041	23.4	1.29	9.3	11083	25.4	0.42	13.6
02 FEBRUARY	29625	26.8	0.79	25.8	12000	45.3	0.32	44.6
03 MARCH	162229	34.2	1.75	33.1	51913	28.4	0.56	26.9
04 APRIL	136559	16.4	1.32	9.4	36209	20.3	0.35	15.1
05 MAY	118226	19.0	1.12	12.8	25334	20.0	0.24	13.9
06 JUNE	112735	17.8	1.09	16.6	26891	21.1	0.26	20.1
07 JULY	126066	34.4	1.19	20.0	45553	39.2	0.43	27.1
08 AUGUST	88056	36.6	1.44	22.3	25072	49.3	0.41	38.5
09 SEPTEMBER	91227	18.1	1.66	16.5	26379	30.2	0.48	29.5
10 OCTOBER	60460	19.2	1.49	13.2	15419	21.9	0.38	17.0
11 NOVEMBER	53741	21.4	1.38	18.9	12851	23.2	0.33	20.9
12 DECEMBER	22929	60.4	1.75	42.8	4193	48.0	0.32	25.3
----- 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	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
SKIPJACK HERRING	1526	513.1	0.1	0	66	1428.1	0.0	0	95.7	1.85	1
CARP	1198	582.9	0.1	737	169	678.2	0.1	169	85.9	6.73	2
BLUE CATFISH	466	998.4	0.0	280	239	1256.7	0.1	239	48.7	7.00	2
CHANNEL CATFISH	27809	35.7	2.7	19294	17533	41.6	6.0	14260	37.0	1.58	150
FLATHEAD CATFISH	2474	269.7	0.2	1237	2093	261.4	0.7	1196	15.4	9.87	21
RAINBOW TROUT	70	3861.8	0.0	0	0	0	0.0	0	100.0		0
WHITE BASS	58108	25.3	5.6	31022	14027	39.8	4.8	9287	75.9	0.88	144
YELLOW BASS	99402	20.2	9.6	50608	29930	27.3	10.2	17103	69.9	0.39	301
STRIPED BASS	6917	155.1	0.7	4249	2510	178.6	0.9	1778	63.7	5.66	24
CHEROKEE BASS	31849	43.1	3.1	15582	9750	63.5	3.3	5766	69.4	5.02	91
GREEN SUNFISH	24851	73.7	2.4	19714	14293	72.4	4.9	11101	42.5	0.15	103
WARMOUTH	449	954.9	0.0	180	348	968.9	0.1	174	22.5	0.37	4
BLUEGILL	117302	17.7	11.3	80560	35690	23.1	12.2	31325	69.6	0.25	278
LONGEAR SUNFISH	9091	130.5	0.9	7556	4241	159.0	1.4	3484	53.3	0.18	28
REDEAR SUNFISH	227	1575.5	0.0	0	101	1259.6	0.0	0	55.5	0.20	1
SMALLMOUTH BASS	17372	86.7	1.7	3647	2333	112.7	0.8	350	86.6	2.09	20
SPOTTED BASS	34739	48.4	3.4	4749	3746	71.4	1.3	672	89.2	1.01	39
LARGEMOUTH BASS	276652	9.5	26.7	238325	19158	17.6	6.5	17974	93.1	2.63	178
WHITE CRAPPIE	202072	11.6	19.5	191736	76113	14.9	26.0	73398	62.3	0.74	726
BLACK CRAPPIE	118132	17.0	11.4	114816	59998	19.8	20.5	58191	49.2	0.82	490
BLACKNOSE CRAPPIE	921	957.0	0.1	921	155	1841.2	0.1	155	83.2	0.55	1
SAUGER	126	2652.8	0.0	126	0	0	0.0	0	100.0		0
FRESHWATER DRUM	5001	201.9	0.5	727	336	525.9	0.1	224	93.3	0.81	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	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	48914	11.4	10870	6.2	0.33	54.1	0.24	60.7	137
WHITE BASS	13845	17.8	3089	1.8	0.56	110.8	0.20	132.9	43
STRIPED BASS	26829	14.0	5957	3.4	0.07	93.0	0.02	82.0	78
CHEROKEE BASS	25669	12.8	5667	3.3	0.52	57.5	0.14	61.7	70
ANY SUNFISH	23340	18.2	5275	3.0	2.31	42.7	1.00	52.5	50
ANY BLACK BASS	1181	73.9	272	0.2	0.00		0.00		2
SMALLMOUTH BASS	2570	45.6	587	0.3	0.35	75.8	0.00		10
SPOTTED BASS	622	63.1	140	0.1	1.51	7.8	0.00		3
LARGEMOUTH BASS	266450	6.4	59068	34.0	0.63	18.8	0.04	30.7	804
ANY CRAPPIE	174730	6.4	39100	22.3	1.28	20.2	0.52	24.6	500
ANY SPECIES	199542	7.0	44475	25.5	1.06	24.8	0.39	33.1	481
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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-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	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 INTERVIEWED 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
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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	RSE FOR HARVEST RATE
01 JANUARY	41759	37.9	1.51	23.1	12721	40.9	0.46	27.3
02 FEBRUARY	20473	102.2	0.79	68.1	14512	105.4	0.56	71.7
03 MARCH	47624	36.7	1.06	27.5	10333	38.7	0.23	29.7
04 APRIL	265561	32.9	2.14	9.1	57083	33.1	0.46	9.8
05 MAY	417453	17.9	2.52	8.5	44727	26.2	0.27	20.9
06 JUNE	228487	24.2	1.53	11.4	16427	26.3	0.11	15.2
07 JULY	220649	27.0	1.39	22.1	41272	40.1	0.26	36.2
08 AUGUST	122579	21.8	1.26	19.4	16538	28.6	0.17	26.0
09 SEPTEMBER	98567	20.1	1.30	19.0	14406	25.5	0.19	24.1
10 OCTOBER	84371	32.6	1.49	23.3	9060	47.4	0.16	41.0
11 NOVEMBER	23004	55.0	1.11	30.7	7046	46.7	0.34	14.9
12 DECEMBER	27287	41.7	1.15	18.6	10678	48.2	0.45	29.6
----- 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	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
CARP	983	1086.4	0.1	0	0		0.0	0	100.0		0
ANY BUFFALO	2613	644.2	0.2	0	207	1213.4	0.1	0	92.1	38.45	1
ANY BULLHEAD	241	1617.5	0.0	241	241	1617.5	0.1	241	0.0	0.71	1
BLUE CATFISH	3073	254.2	0.2	2806	1849	348.0	0.7	1681	39.8	9.49	11
CHANNEL CATFISH	32070	49.9	2.0	23610	23667	46.1	9.3	20106	26.2	2.99	113
FLATHEAD CATFISH	1201	324.2	0.1	764	906	281.8	0.4	566	24.6	2.30	8
RAINBOW TROUT	111	3155.7	0.0	0	0		0.0	0	100.0		0
BROWN TROUT	111	3155.7	0.0	0	0		0.0	0	100.0		0
WHITE BASS	87624	34.3	5.5	44200	30713	33.1	12.1	21608	64.9	0.98	226
YELLOW BASS	101769	47.8	6.4	21446	10141	60.8	4.0	3877	90.0	0.37	68
STRIPED BASS	17943	133.4	1.1	14076	8747	84.6	3.4	6517	51.3	8.13	51
CHEROKEE BASS	690	931.1	0.0	99	343	388.0	0.1	0	50.3	4.70	4
GREEN SUNFISH	17179	148.3	1.1	16008	11201	97.3	4.4	10124	34.8	0.18	52
WARMOUTH	11992	204.3	0.8	2692	2377	211.6	0.9	1297	80.2	0.31	11
BLUEGILL	316187	16.4	19.8	210423	47316	23.1	18.6	36061	85.0	0.26	206
LONGEAR SUNFISH	9289	441.8	0.6	9062	3702	157.2	1.5	3702	60.1	0.17	22
REDEAR SUNFISH	12758	404.1	0.8	10935	3170	133.4	1.2	2642	75.2	0.29	24
SMALLMOUTH BASS	12812	209.5	0.8	1363	0		0.0	0	100.0		0
SPOTTED BASS	16016	166.4	1.0	4368	1490	276.0	0.6	0	90.7	0.82	8
LARGEMOUTH BASS	697614	10.8	43.7	659016	32926	19.2	12.9	31687	95.3	1.96	183
WHITE CRAPPIE	130723	25.9	8.2	111572	49872	27.1	19.6	43949	61.8	0.94	261
BLACK CRAPPIE	22395	108.7	1.4	20423	11031	72.8	4.3	9975	50.7	0.94	94
BLACKNOSE CRAPPIE	1118	438.9	0.1	1118	1118	438.9	0.4	1118	0.0	0.82	7
SAUGER	59955	89.0	3.8	47007	9909	83.4	3.9	7755	83.5	1.38	64
WALLEYE	16626	250.7	1.0	3658	1417	279.4	0.6	354	91.5	2.81	8
FRESHWATER DRUM	23767	94.1	1.5	3436	2342	190.5	0.9	1561	90.1	0.80	9

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	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	69273	13.3	15380	7.1	0.37	29.9	0.32	33.9	95
BROWN TROUT	742	139.6	184	0.1	0.00		0.00		1
WHITE BASS	34966	18.6	7396	3.6	1.21	29.0	0.72	36.2	57
STRIPED BASS	54870	13.9	11887	5.7	0.18	47.9	0.09	62.6	87
CHEROKEE BASS	1167	83.8	226	0.1	0.00		0.00		1
ANY SUNFISH	40453	17.3	8606	4.2	3.91	51.8	0.50	66.2	52
SMALLMOUTH BASS	2371	79.6	443	0.2	0.00		0.00		2
LARGEMOUTH BASS	431904	8.1	92943	44.5	1.16	14.1	0.06	32.0	622
ANY CRAPPIE	105202	17.4	21781	10.8	1.30	22.2	0.61	43.7	147
SAUGER	32664	19.9	6925	3.4	0.80	27.9	0.13	42.5	68
WALLEYE	6304	39.3	1371	0.6	0.42	31.3	0.10	0.0	11
SAUGEYE	1882	96.2	353	0.2	0.00		0.00		1
ANY SPECIES	188461	9.1	40954	19.4	1.18	29.2	0.39	62.4	234
OTHER	251	140.3	57	0.0	0.00		0.00		1
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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-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	0.33	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 INTERVIEWED 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

TWRA
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
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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 FOR HARVEST RATE
01 JANUARY	5390	73.7	0.26	53.6	2488	72.5	0.12	52.7
02 FEBRUARY	968	40.6	0.08	31.0	605	33.4	0.05	24.5
03 MARCH	36123	48.8	0.49	12.6	14007	59.2	0.19	33.6
04 APRIL	35515	37.5	0.61	23.2	12227	43.7	0.21	31.0
05 MAY	16723	43.7	0.54	31.8	5574	46.1	0.18	35.3
06 JUNE	10793	35.4	0.44	24.3	5642	35.2	0.23	24.4
07 JULY	12023	30.8	0.54	17.7	4675	50.7	0.21	43.8
08 AUGUST	7748	45.1	0.75	39.3	2479	56.9	0.24	51.2
09 SEPTEMBER	16196	23.5	0.88	20.8	3865	23.8	0.21	20.8
10 OCTOBER	22606	16.7	0.95	16.3	9756	21.7	0.41	21.6
11 NOVEMBER	12735	25.1	0.57	14.3	1787	44.3	0.08	36.6
12 DECEMBER	3801	37.6	0.76	31.8	1550	45.3	0.31	40.6
----- 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	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
CHANNEL CATFISH	2866	80.6	1.6	1131	2162	86.3	3.3	1013	24.6	2.78	32
FLATHEAD CATFISH	1060	202.3	0.6	1060	1060	202.3	1.6	1060	0.0	2.24	9
BLUEGILL	17464	42.7	9.7	15292	10313	48.2	16.0	8874	40.9	0.30	129
REDEAR SUNFISH	361	472.9	0.2	0	0	.	0.0	0	100.0	.	0
SMALLMOUTH BASS	10065	53.8	5.6	9070	1860	96.9	2.9	1581	81.5	3.45	20
SPOTTED BASS	85874	15.2	47.7	79974	29491	22.4	45.6	26810	65.7	1.61	264
LARGEMOUTH BASS	18907	38.8	10.5	17787	4929	52.7	7.6	4929	73.9	2.99	41
WHITE CRAPPIE	2278	186.8	1.3	2115	1399	235.1	2.2	1224	38.6	0.83	8
BLACK CRAPPIE	340	703.4	0.2	340	340	703.4	0.5	340	0.0	1.55	2
BLACKNOSE CRAPPIE	23845	37.5	13.2	23434	8389	55.5	13.0	8174	64.8	1.21	78
WALLEYE	14374	30.1	8.0	14374	4711	65.5	7.3	4711	67.2	2.94	38

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	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	6342	35.2	1183	2.0	0.22	39.3	0.22	39.3	9
ANY SUNFISH	7019	30.4	1348	2.2	1.95	38.6	1.29	43.7	11
ANY BLACK BASS	160682	14.8	28486	49.8	0.56	18.4	0.19	28.0	274
SMALLMOUTH BASS	5124	44.8	938	1.6	0.10	58.5	0.00		9
SPOTTED BASS	11907	23.8	2299	3.7	0.87	41.7	0.51	46.4	26
ANY CRAPPIE	40187	21.0	7105	12.5	0.96	30.8	0.40	40.5	67
WALLEYE	56375	15.2	10545	17.5	0.21	38.8	0.06	52.4	120
ANY SPECIES	34780	19.4	6465	10.8	0.15	142.4	0.10	131.8	46
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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-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	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 INTERVIEWED 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
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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	RSE FOR HARVEST RATE
01 JANUARY	93638	31.9	3.20	12.9	17850	35.2	0.61	19.2
02 FEBRUARY	88525	33.1	4.16	18.9	16811	39.4	0.79	28.0
03 MARCH	75740	20.6	2.50	8.9	16663	28.2	0.55	20.8
04 APRIL	193486	18.5	3.44	9.0	49496	22.8	0.88	16.0
05 MAY	287777	32.7	3.18	18.0	85971	35.8	0.95	22.9
06 JUNE	137138	18.4	3.47	15.1	33988	20.7	0.86	17.9
07 JULY	218789	41.1	3.43	12.3	47840	43.6	0.75	18.4
08 AUGUST	144167	25.5	2.95	10.2	28833	29.7	0.59	18.1
09 SEPTEMBER	105290	16.0	2.85	9.0	26230	19.1	0.71	13.7
10 OCTOBER	91998	31.8	2.57	8.1	20404	33.1	0.57	11.9
11 NOVEMBER	73779	16.6	3.15	12.8	13351	18.3	0.57	15.0
12 DECEMBER	49771	34.0	2.83	19.3	9849	46.0	0.56	35.3
----- 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	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
LONGNOSE GAR	92	2593.1	0.0	0	0		0.0	0	100.0		0
GOLDEN SHINER	1340	1179.6	0.1	1340	0		0.0	0	100.0		0
BLUE CATFISH	156086	16.0	10.0	143468	63946	18.3	17.4	59917	59.0	3.80	981
CHANNEL CATFISH	67755	29.4	4.3	58726	29669	31.2	8.1	25519	56.2	3.29	416
FLATHEAD CATFISH	11100	121.1	0.7	6580	3267	136.4	0.9	2836	70.6	4.68	52
WHITE BASS	93407	29.6	6.0	48555	31245	33.1	8.5	20010	66.5	1.19	470
YELLOW BASS	142693	18.2	9.1	50141	4539	46.0	1.2	1439	96.8	0.54	82
STRIPED BASS	18489	108.4	1.2	16999	6279	118.6	1.7	5952	66.0	15.38	95
CHEROKEE BASS	64	1737.8	0.0	64	64	1737.8	0.0	64	0.0	9.40	1
WARMOUTH	609	1304.6	0.0	609	283	1351.6	0.1	283	53.5	0.36	5
BLUEGILL	490803	10.4	31.5	253373	139387	15.0	38.0	97984	71.6	0.26	1903
REDEAR SUNFISH	32571	72.7	2.1	27143	21272	73.5	5.8	17817	34.7	0.48	197
SMALLMOUTH BASS	17921	79.6	1.1	15937	749	232.1	0.2	613	95.8	4.06	11
SPOTTED BASS	69585	26.2	4.5	62725	701	122.9	0.2	701	99.0	1.42	12
LARGEMOUTH BASS	223018	13.6	14.3	211682	12201	27.5	3.3	11831	94.5	3.03	193
WHITE CRAPPIE	31070	59.0	2.0	29089	9491	60.9	2.6	8946	69.5	0.87	169
BLACK CRAPPIE	114294	25.9	7.3	96524	42135	27.9	11.5	35974	63.1	0.84	730
BLACKNOSE CRAPPIE	48	4033.5	0.0	48	0		0.0	0	100.0		0
SAUGER	22784	65.2	1.5	22046	1609	154.9	0.4	1526	92.9	1.52	33
FRESHWATER DRUM	65696	27.6	4.2	8727	0		0.0	0	100.0		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	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	100324	10.6	16131	20.3	1.48	15.1	0.63	20.0	267
WHITE BASS	2979	38.0	472	0.6	5.28	27.9	3.01	33.9	9
STRIPED BASS	19536	17.9	3134	4.0	0.58	44.0	0.21	65.9	50
ANY SUNFISH	963	58.1	159	0.2	12.01		5.21		3
ANY BLACK BASS	200330	9.2	32077	40.6	1.18	21.5	0.06	43.0	629
ANY CRAPPIE	40793	11.9	6521	8.3	2.09	21.7	0.84	22.5	130
SAUGER	8829	23.5	1428	1.8	2.73	19.9	0.22	33.4	29
ANY SPECIES	119750	10.9	19236	24.3	4.78	17.9	1.64	28.7	339
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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-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	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 INTERVIEWED 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
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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	RSE FOR HARVEST RATE
01 JANUARY	41074	52.4	2.68	19.4	9196	68.5	0.60	44.0
02 FEBRUARY	46640	39.7	2.57	16.6	10344	58.9	0.57	44.3
03 MARCH	165978	39.9	3.04	24.9	30029	35.8	0.55	18.5
04 APRIL	204029	40.2	2.65	18.4	58514	52.0	0.76	36.1
05 MAY	207233	42.8	2.70	20.5	47587	50.8	0.62	32.8
06 JUNE	247324	46.9	2.58	12.3	58476	48.4	0.61	16.5
07 JULY	163521	44.3	2.82	18.1	42330	54.9	0.73	35.4
08 AUGUST	79814	38.4	2.40	29.6	12970	47.2	0.39	39.9
09 SEPTEMBER	62487	32.9	2.07	24.0	4830	51.2	0.16	46.6
10 OCTOBER	37414	23.2	1.47	12.6	8399	49.2	0.33	44.5
11 NOVEMBER	39294	30.5	2.36	24.7	11489	57.6	0.69	53.8
12 DECEMBER	31337	65.8	2.31	36.0	5291	81.0	0.39	55.0
----- 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	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
SKIPJACK HERRING	967	1547.7	0.1	967	0		0.0	0	100.0		0
BLUE CATFISH	76800	33.7	5.8	69766	32294	38.8	10.8	31517	58.0	4.14	284
CHANNEL CATFISH	51811	46.9	3.9	48130	26929	49.4	9.0	25741	48.0	3.02	192
FLATHEAD CATFISH	8814	194.1	0.7	5244	1546	297.2	0.5	1340	82.5	5.33	15
WHITE BASS	323471	18.9	24.4	207567	114752	24.2	38.3	79774	64.5	1.28	912
YELLOW BASS	70918	41.8	5.3	30739	454	276.6	0.2	454	99.4	0.33	3
STRIPED BASS	25938	81.3	2.0	18675	5418	136.2	1.8	4842	79.1	17.50	47
CHEROKEE BASS	187	1715.1	0.0	187	187	1715.1	0.1	187	0.0	16.30	1
BLUEGILL	189472	24.9	14.3	121278	27051	42.4	9.0	17535	85.7	0.26	206
REDEAR SUNFISH	446	1081.8	0.0	446	289	1016.5	0.1	289	35.2	0.35	2
SMALLMOUTH BASS	36797	53.8	2.8	32468	1789	145.1	0.6	1789	95.1	3.69	15
SPOTTED BASS	58155	39.6	4.4	51420	1132	179.6	0.4	1132	98.1	1.64	7
LARGEMOUTH BASS	253243	18.2	19.1	231168	14954	34.7	5.0	13784	94.1	2.91	112
WHITE CRAPPIE	85065	50.6	6.4	79664	34802	47.9	11.6	32543	59.1	0.84	327
BLACK CRAPPIE	79619	37.2	6.0	71547	31594	43.8	10.6	29088	60.3	0.89	285
BLACKNOSE CRAPPIE	1380	453.4	0.1	1380	1269	454.2	0.4	1269	8.0	1.46	13
YELLOW PERCH	187	1715.1	0.0	0	187	1715.1	0.1	0	0.0	0.90	1
SAUGER	36319	50.8	2.7	31240	4577	78.8	1.5	3410	87.4	1.58	48
FRESHWATER DRUM	27141	75.7	2.0	6207	0		0.0	0	100.0		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	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	58667	16.4	9430	11.4	1.32	30.8	0.65	34.5	92
WHITE BASS	18988	24.4	3044	3.7	5.12	31.5	1.90	27.4	30
STRIPED BASS	20108	21.9	3257	3.9	0.38	46.3	0.11	74.8	36
ANY BLACK BASS	245760	14.5	39275	47.7	0.92	11.9	0.06	46.5	415
SMALLMOUTH BASS	361	103.3	51	0.1	0.00		0.00		1
LARGEMOUTH BASS	251	158.5	38	0.0	1.75		0.00		1
ANY CRAPPIE	44716	19.7	7064	8.7	2.44	19.8	1.05	24.3	84
SAUGER	9236	30.6	1539	1.8	1.95	26.0	0.24	50.9	20
ANY SPECIES	116692	16.4	18846	22.7	3.26	22.6	1.01	39.5	193
----- 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-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	1.16	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 INTERVIEWED 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 FOR HARVEST RATE
01 JANUARY	8580	29.6	0.41	18.6	1046	50.5	0.05	42.4
02 FEBRUARY	6198	36.0	0.27	19.0	689	65.9	0.03	48.3
03 MARCH	9475	33.1	0.32	19.3	1480	65.9	0.05	57.5
04 APRIL	36869	29.9	0.53	22.5	18782	35.9	0.27	30.2
05 MAY	49267	29.3	0.80	18.7	20323	32.4	0.33	22.8
06 JUNE	14201	36.5	0.71	23.9	6201	42.1	0.31	31.0
07 JULY	5545	43.3	0.35	35.1	1584	48.1	0.10	40.8
08 AUGUST	8362	40.4	0.52	35.2	3538	57.9	0.22	53.7
09 SEPTEMBER	10543	23.4	0.55	19.4	5176	34.5	0.27	31.6
10 OCTOBER	16795	24.0	0.53	18.2	6654	31.1	0.21	26.7
11 NOVEMBER	10791	33.4	0.48	20.2	2923	32.4	0.13	18.8
12 DECEMBER	2311	65.1	0.42	56.5	55	107.4	0.01	100.0
----- 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	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
ALEWIFE	623	317.8	0.3	0	249	345.9	0.4	0	60.0	0.98	4
CHANNEL CATFISH	6576	67.8	3.7	5556	6404	68.5	9.4	5554	2.6	4.86	113
FLATHEAD CATFISH	391	478.3	0.2	107	391	478.3	0.6	107	0.0	2.19	11
MUSKELLUNGE	78	840.8	0.0	78	34	611.2	0.0	34	56.4	24.00	1
RAINBOW TROUT	568	572.3	0.3	413	506	630.8	0.7	450	10.9	0.46	9
WHITE BASS	961	378.7	0.5	0	247	534.2	0.4	0	74.3	2.50	8
BLUEGILL	41028	19.3	22.9	37429	24600	24.9	35.9	22105	40.0	0.41	493
REDEAR SUNFISH	13090	44.4	7.3	12440	10541	47.8	15.4	9910	19.5	0.61	215
COOSA BASS	73	1059.8	0.0	0	0	0	0.0	0	100.0		0
SMALLMOUTH BASS	66464	13.2	37.1	58706	3944	28.9	5.8	3644	94.1	2.72	79
SPOTTED BASS	5531	56.5	3.1	4005	2976	74.6	4.3	2267	46.2	1.42	63
LARGEMOUTH BASS	11695	33.3	6.5	9356	2681	56.4	3.9	2276	77.1	2.70	53
BLACK CRAPPIE	7529	82.2	4.2	7320	3257	73.0	4.8	3060	56.7	1.00	66
BLACKNOSE CRAPPIE	9871	40.4	5.5	9614	4448	54.7	6.5	4243	54.9	1.27	87
WALLEYE	12089	34.4	6.8	11254	8177	47.0	11.9	7570	32.4	3.65	175
FRESHWATER DRUM	310	558.0	0.2	0	0	0	0.0	0	100.0		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	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	4306	31.3	648	1.3	0.59	54.1	0.59	54.1	14
MUSKELLUNGE	887	61.5	134	0.3	0.12		0.08		4
RAINBOW TROUT	163	148.2	23	0.0	7.00		7.00		1
ANY TROUT	2129	35.7	418	0.6	0.02	176.1	0.02	176.1	7
ANY SUNFISH	21051	16.4	3354	6.3	2.94	23.4	1.97	25.3	65
ANY BLACK BASS	69658	9.8	10773	20.8	0.33	22.2	0.10	42.6	260
SMALLMOUTH BASS	144566	9.1	21843	43.1	0.33	17.6	0.02	62.6	463
LARGEMOUTH BASS	2736	37.5	396	0.8	0.35	60.5	0.06	94.4	10
ANY CRAPPIE	32267	12.3	4970	9.6	0.89	36.9	0.33	42.6	107
WALLEYE	34411	13.0	6209	10.3	0.32	28.3	0.23	30.6	141
ANY SPECIES	23231	13.3	3978	6.9	0.10	85.7	0.05	167.3	67
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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-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	0.52	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 INTERVIEWED 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

TWRA
REGION IV

**NORRIS
RESERVOIR**

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
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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 FOR HARVEST RATE
01 JANUARY	13347	34.0	0.61	21.3	656	65.9	0.03	57.6
02 FEBRUARY	7368	50.6	0.44	34.7	1842	50.8	0.11	35.4
03 MARCH	122445	89.8	2.07	55.6	5915	91.7	0.10	57.1
04 APRIL	17801	45.7	0.87	29.9	6138	74.1	0.30	63.8
05 MAY	27796	56.6	0.85	52.9	8502	84.8	0.26	81.8
06 JUNE	54695	25.8	1.27	22.8	21103	30.9	0.49	28.6
07 JULY	26010	25.9	0.57	18.9	5476	35.6	0.12	30.8
08 AUGUST	17743	41.8	0.49	35.2	6156	89.6	0.17	86.2
09 SEPTEMBER	14674	46.8	0.85	40.2	1726	80.4	0.10	77.8
10 OCTOBER	19639	26.9	0.69	17.7	5123	54.3	0.18	48.9
11 NOVEMBER	25955	58.4	1.40	49.8	2966	58.6	0.16	49.2
12 DECEMBER	3606	75.2	0.58	58.2	684	117.8	0.11	100.0
----- 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	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
CARP	126	1314.4	0.0	126	0		0.0	0	100.0		0
CHANNEL CATFISH	6981	201.1	2.0	551	2445	139.8	3.7	0	65.0	1.44	11
FLATHEAD CATFISH	989	338.8	0.3	330	445	299.8	0.7	148	55.0	7.08	3
WHITE BASS	382	464.6	0.1	0	256	520.9	0.4	0	33.0	1.58	2
STRIPED BASS	13367	109.7	3.8	12019	3249	102.1	4.9	3249	75.7	10.23	9
ROCK BASS	1428	248.0	0.4	0	0		0.0	0	100.0		0
GREEN SUNFISH	119	1387.6	0.0	119	119	1387.6	0.2	119	0.0	0.10	1
WARMOUTH	116	1770.6	0.0	0	0		0.0	0	100.0		0
BLUEGILL	76123	24.8	21.7	63106	29077	28.6	43.9	28515	61.8	0.25	199
REDEAR SUNFISH	3724	144.1	1.1	2578	3260	154.7	4.9	2223	12.5	0.75	22
COOSA BASS	177	906.3	0.1	177	0		0.0	0	100.0		0
SMALLMOUTH BASS	102625	56.9	29.2	89446	3360	71.5	5.1	2520	96.7	2.79	12
SPOTTED BASS	41221	55.9	11.7	28239	3856	63.7	5.8	2057	90.6	0.82	30
LARGEMOUTH BASS	48963	57.4	14.0	39858	1411	100.7	2.1	627	97.1	3.07	9
WHITE CRAPPIE	16060	129.1	4.6	12905	2873	142.9	4.3	1975	82.1	0.88	16
BLACK CRAPPIE	28319	92.1	8.1	25674	10905	63.8	16.4	9489	61.5	0.83	77
BLACKNOSE CRAPPIE	2271	778.4	0.6	2065	770	274.0	1.2	674	66.1	0.86	8
SAUGER	854	114.4	0.2	0	150	162.2	0.2	0	82.4	1.11	4
WALLEYE	5050	100.7	1.4	4777	4116	102.4	6.2	3974	18.5	2.29	28
FRESHWATER DRUM	1995	897.4	0.6	0	0		0.0	0	100.0		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	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	345	141.6	68	0.1	0.00		0.00		1
STRIPED BASS	33232	18.0	6659	9.6	0.26	75.9	0.04	151.9	49
ANY SUNFISH	25006	17.5	4997	7.2	2.24	24.1	1.17	27.6	32
ANY BLACK BASS	124831	18.1	23313	36.0	0.42	23.0	0.01	156.8	179
SMALLMOUTH BASS	32140	27.0	6052	9.3	0.72	42.2	0.02	188.0	58
SPOTTED BASS	2687	89.2	456	0.8	0.38		0.28		3
LARGEMOUTH BASS	2244	60.0	438	0.6	0.10	172.8	0.00		5
ANY CRAPPIE	23948	34.2	4293	6.9	0.92	45.1	0.36	39.9	38
WALLEYE	40665	15.5	8049	11.7	0.08	59.8	0.07	70.7	63
ANY SPECIES	61229	12.7	12221	17.7	0.62	53.2	0.09	85.6	71
----- 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-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	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 INTERVIEWED 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 FOR HARVEST RATE
01 JANUARY	8035	41.7	0.80	21.1	1908	65.7	0.19	53.6
02 FEBRUARY	12353	48.9	0.60	21.8	2265	55.0	0.11	31.2
03 MARCH	18692	20.8	0.84	15.5	3560	43.6	0.16	41.4
04 APRIL	58766	32.1	0.84	14.4	16790	40.2	0.24	27.8
05 MAY	40167	19.1	0.89	12.6	9478	25.4	0.21	20.8
06 JUNE	41332	18.2	0.88	9.9	10333	23.8	0.22	17.9
07 JULY	55517	27.6	0.81	9.2	12337	33.9	0.18	21.6
08 AUGUST	34092	41.6	0.69	10.8	7411	48.8	0.15	25.4
09 SEPTEMBER	20742	15.9	1.03	9.8	5639	28.0	0.28	24.7
10 OCTOBER	33422	21.4	1.12	10.9	8057	28.5	0.27	21.7
11 NOVEMBER	17507	28.5	0.98	11.6	2501	37.9	0.14	27.2
12 DECEMBER	7079	32.4	1.02	20.6	1249	56.0	0.18	48.2
----- 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	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
LONGNOSE GAR	66	2630.2	0.0	0	0		0.0	0	100.0		0
CARP	158	1422.9	0.0	0	0		0.0	0	100.0		0
BLACK BULLHEAD	215	714.1	0.1	215	215	714.1	0.3	215	0.0	2.21	4
BLUE CATFISH	477	638.5	0.1	0	94	541.9	0.1	0	80.3	7.40	3
CHANNEL CATFISH	29558	21.3	8.5	23807	16514	22.2	20.3	13695	44.1	1.57	287
FLATHEAD CATFISH	1739	155.2	0.5	1739	1424	161.1	1.7	1424	18.1	3.19	27
WHITE BASS	5383	92.9	1.5	266	999	141.2	1.2	250	81.4	2.89	16
STRIPED BASS	9936	46.2	2.9	3159	2384	54.6	2.9	1265	76.0	8.51	49
CHEROKEE BASS	41298	17.2	11.9	28619	12236	21.4	15.0	9574	70.4	6.63	236
BLUEGILL	27242	30.1	7.8	5271	12837	30.7	15.7	1834	52.9	0.26	217
SMALLMOUTH BASS	15594	38.1	4.5	276	192	203.2	0.2	0	98.8	1.74	5
SPOTTED BASS	9873	53.7	2.8	0	790	101.7	1.0	0	92.0	1.18	20
LARGEMOUTH BASS	132930	9.5	38.2	124971	2267	29.4	2.8	1873	98.3	2.34	46
WHITE CRAPPIE	2892	161.7	0.8	2682	1443	152.1	1.8	1443	50.1	0.64	28
BLACK CRAPPIE	62064	15.5	17.8	60057	27601	18.6	33.9	27107	55.5	0.77	559
BLACKNOSE CRAPPIE	1187	200.7	0.3	1187	1021	208.4	1.3	1021	14.0	1.02	23
SAUGER	164	1549.5	0.0	0	0		0.0	0	100.0		0
WALLEYE	2549	165.0	0.7	623	279	207.1	0.3	140	89.1	2.41	6
FRESHWATER DRUM	4365	118.2	1.3	739	1237	137.1	1.5	471	71.7	2.11	21

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	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	39978	16.3	8008	9.8	0.64	22.9	0.41	25.1	86
WHITE BASS	895	73.1	168	0.2	0.47		0.47		2
STRIPED BASS	23301	15.3	4427	5.7	0.11	41.9	0.05	53.5	66
CHEROKEE BASS	44202	14.1	8513	10.8	0.61	15.2	0.21	18.7	117
ANY SUNFISH	4361	38.1	857	1.1	1.86	16.1	0.75	24.0	9
ANY BLACK BASS	702	89.0	136	0.2	0.63		0.42		1
SMALLMOUTH BASS	610	57.6	118	0.1	0.29		0.00		4
LARGEMOUTH BASS	188140	9.4	36086	46.1	0.62	7.4	0.01	107.6	696
ANY CRAPPIE	83486	11.8	15851	20.5	1.17	13.6	0.52	16.6	289
WALLEYE	3390	38.4	686	0.8	0.27	58.7	0.07	109.6	7
ANY SPECIES	18608	17.6	3611	4.6	0.55	36.0	0.25	35.9	37
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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-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)**

LAKE=CHEROKEE

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	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
HAMBLEEN	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 INTERVIEWED 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
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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 FOR HARVEST RATE
01 JANUARY	2173	33.0	0.80	24.9	109	73.3	0.04	72.0
02 FEBRUARY	1288	64.1	0.53	9.4	510	63.2	0.21	2.8
03 MARCH	6631	31.1	0.87	30.6	1143	63.8	0.15	65.6
04 APRIL	17131	22.6	1.04	16.3	2306	28.3	0.14	23.4
05 MAY	7762	21.7	0.62	19.4	125	73.1	0.01	72.3
06 JUNE	12682	19.0	1.00	15.5	1395	52.4	0.11	52.0
07 JULY	7043	23.2	0.72	22.3	196	64.3	0.02	64.8
08 AUGUST	4698	36.6	0.52	31.3	452	60.4	0.05	58.9
09 SEPTEMBER	2496	36.0	0.45	28.1	55	87.4	0.01	70.8
10 OCTOBER	1386	37.0	0.25	31.6	0		0.00	100.0
11 NOVEMBER	2404	97.9	1.32	83.4	601	115.4	0.33	100.0
12 DECEMBER	366	81.2	0.21	70.8	35	90.6	0.02	100.0
----- 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	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
ANY GAR	99	895.0	0.1	0	0		0.0	0	100.0		0
GIZZARD SHAD	33	399.4	0.0	33	0		0.0	0	100.0		0
CARP	305	499.1	0.5	203	0		0.0	0	100.0		0
ANY CARPSUCKER	112	797.3	0.2	112	0		0.0	0	100.0		0
CHANNEL CATFISH	50	1256.9	0.1	50	0		0.0	0	100.0		0
MUSKELLUNGE	322	502.1	0.5	184	0		0.0	0	100.0		0
RAINBOW TROUT	603	230.4	0.9	603	267	168.3	3.9	267	55.7	0.94	8
WHITE BASS	1090	221.8	1.6	694	0		0.0	0	100.0		0
STRIPED BASS	1778	113.1	2.7	1046	0		0.0	0	100.0		0
WARMOUTH	80	621.0	0.1	0	28	157.5	0.4	0	65.0	0.65	1
BLUEGILL	11748	30.2	17.8	10216	1200	46.3	17.3	1138	89.8	0.58	39
SMALLMOUTH BASS	4828	47.9	7.3	4589	0		0.0	0	100.0		0
SPOTTED BASS	867	229.8	1.3	867	0		0.0	0	100.0		0
LARGEMOUTH BASS	27365	13.1	41.4	25780	1358	32.2	19.6	1276	95.0	2.29	33
WHITE CRAPPIE	12457	29.2	18.8	12366	3693	30.1	53.3	3693	70.4	0.83	100
BLACK CRAPPIE	361	242.4	0.5	289	313	144.1	4.5	313	13.3	1.13	4
YELLOW PERCH	871	179.1	1.3	871	0		0.0	0	100.0		0
FRESHWATER DRUM	1107	170.1	1.7	604	0		0.0	0	100.0		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	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	1703	33.9	466	1.9	0.10	0.0	0.00		9
MUSKELLUNGE	2175	24.4	500	2.5	0.03	120.9	0.00		16
RAINBOW TROUT	725	52.1	176	0.8	0.73	6.0	0.41	18.6	3
STRIPED BASS	6545	16.3	1688	7.4	0.06	88.5	0.00		42
ANY SUNFISH	2295	28.7	613	2.6	1.73	15.8	0.64	53.4	10
ANY BLACK BASS	36214	7.4	9270	41.2	0.88	22.7	0.04	64.2	230
ANY CRAPPIE	14091	12.2	3489	16.0	0.73	27.7	0.28	43.2	94
WALLEYE	161	103.8	46	0.2	0.00		0.00		1
ANY SPECIES	24005	8.6	6210	27.3	0.72	49.4	0.01	168.0	123
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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-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	0.63	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 INTERVIEWED 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 FOR HARVEST RATE
01 JANUARY	4960	59.9	0.79	44.8	1130	51.0	0.18	33.0
02 FEBRUARY	4048	19.5	0.71	10.3	513	32.1	0.09	26.1
03 MARCH	24300	24.5	1.38	19.1	4226	70.5	0.24	68.5
04 APRIL	41081	19.5	1.49	11.7	9926	36.3	0.36	32.5
05 MAY	34848	21.1	1.45	11.4	4086	53.5	0.17	48.6
06 JUNE	31419	18.6	1.09	17.6	4036	35.1	0.14	34.3
07 JULY	23513	45.6	1.08	28.0	2177	36.6	0.10	11.0
08 AUGUST	22688	25.0	0.98	7.1	2778	43.6	0.12	36.0
09 SEPTEMBER	18012	18.4	1.28	13.2	3377	41.2	0.24	39.6
10 OCTOBER	33255	33.0	2.35	25.7	6509	46.2	0.46	40.6
11 NOVEMBER	4240	38.0	0.85	29.8	499	79.5	0.10	70.8
12 DECEMBER	8597	38.3	0.90	20.2	2579	48.6	0.27	34.7
----- TOTAL	250961				----- 41836			

SUMMARY OF SPECIES CATCH STATISTICS - 2008

LAKE=FT. LOUDOUN

SPECIES	TOTAL	RSE	SPECIES	INTENDED	TOTAL	RSE	SPECIES	INTENDED	% OF	AVERAGE	NUMBER
	NUMBER		CATCH		COMPOSITION		NUMBER		FISH		
	CAUGHT	FOR	(%)	CAUGHT	HARVESTED	FOR	(%)	HARVESTED	RELEASED	(LBS)	RECORDED
CARP	287	975.0	0.1	0	0		0.0	0	100.0		0
ANY BULLHEAD	490	773.0	0.2	490	0		0.0	0	100.0		0
BLUE CATFISH	80	1382.1	0.0	80	0		0.0	0	100.0		0
CHANNEL CATFISH	80	1382.1	0.0	80	0		0.0	0	100.0		0
WHITE BASS	2511	243.5	1.0	732	159	259.1	0.4	0	93.7	0.85	2
STRIPED BASS	7149	111.2	2.9	1493	95	411.6	0.2	0	98.7	2.85	2
CHEROKEE BASS	203	1018.6	0.1	203	0		0.0	0	100.0		0
ORANGE SPOTTED SUNFISH	557	517.0	0.2	0	0		0.0	0	100.0		0
BLUEGILL	28437	31.1	11.3	18088	4829	31.9	11.5	1916	83.0	0.67	63
SMALLMOUTH BASS	16377	40.7	6.5	16117	95	282.4	0.2	95	99.4	3.75	2
SPOTTED BASS	1856	260.1	0.7	1856	0		0.0	0	100.0		0
LARGEMOUTH BASS	100039	11.8	39.9	98409	3541	26.9	8.5	3541	96.5	2.44	51
WHITE CRAPPIE	68082	15.6	27.2	66670	24896	19.6	59.5	24254	63.4	0.90	349
BLACK CRAPPIE	10338	44.0	4.1	9678	6153	45.3	14.7	5876	40.5	1.13	87
YELLOW PERCH	69	2155.5	0.0	0	0		0.0	0	100.0		0
FRESHWATER DRUM	1141	329.9	0.5	527	0		0.0	0	100.0		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	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	9449	21.1	2246	4.8	0.43	46.4	0.09	64.7	24
STRIPED BASS	1926	61.5	443	1.0	0.86		0.00		3
ANY SUNFISH	5052	32.0	1125	2.6	1.66	58.5	0.42	103.7	14
ANY BLACK BASS	94694	8.0	20810	47.9	0.97	15.7	0.04	63.4	322
SMALLMOUTH BASS	536	80.7	119	0.3	0.25		0.00		2
ANY CRAPPIE	53849	9.2	11608	27.2	1.42	18.9	0.61	26.2	187
SAUGER	963	56.9	218	0.5	0.00		0.00		4
ANY SPECIES	31102	11.7	6812	15.7	0.74	34.6	0.07	111.5	75
OTHER	131	137.3	25	0.1	0.00		0.00		1
----- 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-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)**

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 INTERVIEWS (NON-TOURNAMENT)
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 INTERVIEWED 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
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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	RSE FOR HARVEST RATE
01 JANUARY	660	31.4	0.16	28.2	41	52.3	0.01	83.2
03 MARCH	20151	32.0	1.05	16.2	3838	29.4	0.20	10.5
04 APRIL	9787	27.2	0.48	14.3	612	54.7	0.03	42.6
05 MAY	10260	32.4	0.43	14.0	1193	65.3	0.05	52.6
06 JUNE	39582	34.2	1.40	29.7	565	56.0	0.02	66.2
07 JULY	24392	33.8	1.07	22.1	1140	60.2	0.05	55.0
08 AUGUST	13661	22.1	0.70	17.0	976	57.0	0.05	54.2
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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	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
CARP	51	1624.0	0.0	51	0		0.0	0	100.0		0
BLUE CATFISH	212	1101.1	0.2	106	96	651.3	1.1	0	54.7	6.25	1
CHANNEL CATFISH	1799	163.9	1.5	638	362	76.9	4.3	362	79.9	4.95	6
FLATHEAD CATFISH	306	746.3	0.3	122	190	208.4	2.3	95	37.9	12.70	4
RAINBOW TROUT	245	1055.8	0.2	245	0		0.0	0	100.0		0
BROWN TROUT	129	990.7	0.1	0	0		0.0	0	100.0		0
WHITE BASS	542	485.3	0.5	465	0		0.0	0	100.0		0
STRIPED BASS	7652	58.3	6.5	2870	432	59.9	5.2	299	94.4	16.16	13
CHEROKEE BASS	4618	73.8	3.9	1491	801	90.7	9.6	120	82.7	4.64	19
ROCK BASS	49	2294.6	0.0	0	0		0.0	0	100.0		0
GREEN SUNFISH	116	1938.8	0.1	116	0		0.0	0	100.0		0
WARMOUTH	1664	471.3	1.4	756	0		0.0	0	100.0		0
BLUEGILL	47326	24.4	40.1	34372	2189	47.1	26.2	1866	95.4	0.26	61
SMALLMOUTH BASS	19547	24.5	16.6	17955	706	45.6	8.4	380	96.4	2.62	13
SPOTTED BASS	1128	314.4	1.0	1062	0		0.0	0	100.0		0
LARGEMOUTH BASS	21202	23.0	18.0	19711	393	58.5	4.7	246	98.1	2.76	8
WHITE CRAPPIE	5769	62.8	4.9	5544	1728	48.9	20.7	1646	70.0	0.81	21
BLACK CRAPPIE	5129	76.4	4.3	4976	1154	79.9	13.8	1099	77.5	0.91	21
BLACKNOSE CRAPPIE	478	269.3	0.4	435	216	290.2	2.6	216	54.8	1.02	3

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 FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	2421	34.0	493	1.8	0.20	86.5	0.14	141.9	9
ANY TROUT	118	141.2	23	0.1	0.35		0.00		1
ANY TEMPERATE BASS	327	56.3	53	0.2	0.07	114.3	0.00		2
STRIPED BASS	10954	16.8	2106	7.9	0.13	79.3	0.02	124.9	48
CHEROKEE BASS	2300	35.5	452	1.7	0.43	27.4	0.04	104.0	9
ANY SUNFISH	6985	20.5	1412	5.1	3.09	47.8	0.42	74.6	21
ANY BLACK BASS	84872	9.8	15903	61.4	0.34	16.3	0.00	145.5	384
SMALLMOUTH BASS	1127	43.0	199	0.8	0.38	14.9	0.00		9
LARGEMOUTH BASS	236	102.9	47	0.2	0.56		0.00		1
ANY CRAPPIE	8067	23.8	1391	5.8	1.28	60.1	0.39	66.2	36
ANY SPECIES	19721	14.4	3766	14.3	0.99	60.5	0.01	106.2	82
OTHER	1018	51.4	207	0.7	0.00		0.00		4
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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-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	0.26	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 INTERVIEWED 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
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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	RSE FOR HARVEST RATE
01 JANUARY	887	34.3	0.18	31.5	443	61.0	0.09	57.1
03 MARCH	2775	43.0	0.25	29.7	888	107.8	0.08	100.0
04 APRIL	11541	28.6	0.53	25.1	1307	38.9	0.06	35.1
05 MAY	20185	28.0	0.63	20.8	2884	34.8	0.09	27.9
06 JUNE	11244	21.1	0.51	12.6	2646	25.0	0.12	17.8
07 JULY	12236	42.4	0.38	32.8	2898	63.0	0.09	57.1
08 AUGUST	22010	47.1	1.02	40.3	5395	69.5	0.25	63.0
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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	AVERAGE WEIGHT (LBS)	NUMBER FISH RECORDED
CARP	1035	254.3	1.3	0	0		0.0	0	100.0		0
BLUE CATFISH	44	854.7	0.1	0	44	854.7	0.3	0	0.0	5.60	1
CHANNEL CATFISH	937	171.5	1.2	441	406	201.9	2.5	232	56.7	2.98	6
FLATHEAD CATFISH	555	332.6	0.7	62	372	330.7	2.3	62	33.0	3.92	6
RAINBOW TROUT	7688	31.5	9.5	7139	5459	37.1	33.2	5362	29.0	1.30	108
BROWN TROUT	53	1306.2	0.1	53	0		0.0	0	100.0		0
LAKE TROUT	2947	66.5	3.7	648	1908	57.0	11.6	537	35.3	3.09	30
ROCK BASS	1673	144.2	2.1	279	89	212.3	0.5	89	94.7	0.55	2
WARMOOUTH	617	483.5	0.8	88	150	723.2	0.9	150	75.7	0.50	1
BLUEGILL	26297	27.7	32.6	18701	1970	63.8	12.0	1478	92.5	0.20	23
LONGEAR SUNFISH	292	605.9	0.4	0	0		0.0	0	100.0		0
SMALLMOUTH BASS	17396	22.9	21.6	15181	998	62.8	6.1	881	94.3	2.72	17
SPOTTED BASS	10006	41.6	12.4	9937	2755	80.6	16.7	2755	72.5	1.23	32
LARGEMOUTH BASS	8556	36.1	10.6	8088	535	58.9	3.3	494	93.7	2.29	13
BLACKNOSE CRAPPIE	44	854.7	0.1	44	44	854.7	0.3	44	0.0	1.00	1
WALLEYE	2414	105.6	3.0	2153	1729	85.2	10.5	1482	28.4	3.85	27

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	RSE FOR HARVEST PER HOUR	NUMBER OF INTERVIEWS
ANY CATFISH	2222	44.8	408	1.5	0.25	42.4	0.13	121.0	5
RAINBOW TROUT	558	64.0	104	0.4	1.10	16.2	1.01	22.2	6
ANY TROUT	28146	15.5	4973	19.3	0.23	29.9	0.16	37.5	78
LAKE TROUT	5397	25.5	935	3.7	0.13	75.7	0.12	78.1	19
ANY SUNFISH	5821	29.6	1058	4.0	2.41	64.6	0.46	123.2	15
ANY BLACK BASS	62941	9.9	10882	43.2	0.37	22.5	0.05	69.9	211
SMALLMOUTH BASS	1126	30.1	217	0.8	0.15	48.2	0.12	58.7	10
LARGEMOUTH BASS	360	106.0	63	0.2	0.11		0.00		2
ANY CRAPPIE	1821	43.1	309	1.3	0.04	141.2	0.04	141.2	6
WALLEYE	13148	18.3	2291	9.0	0.09	55.7	0.07	54.0	46
ANY SPECIES	23505	15.1	4166	16.1	0.50	75.8	0.04	162.3	53
OTHER	621	73.6	103	0.4	0.00		0.00		2
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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-TOURNAMENT ANGLERS
(MONTHS ARE LISTED ONLY IF > 90% OF BLACK BASS ANGLERS RESPONDED TO THE QUESTION ON TOURNAMENT PARTICIPATION)

LAKE=WATAUGA

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	0.18	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
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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 INTERVIEWED 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 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