

## 2013 Kentucky Trout Angler Survey

by:

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## **2013 KENTUCKY TROUT ANGLER SURVEY**

By David P. Dreves

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#### ABSTRACT

A sample of 1,800 trout permit purchasers from the 2012-13 license year was surveyed to determine trout angler fishing habits and opinions regarding fisheries resources, regulations, programs and needs. A total of 778 usable completed questionnaires were returned for a return rate of 49%. The margin of error is 3.4 percentage points of the true value at the 95% confidence level. Every attempt was made to minimize bias and maximize accuracy. The overwhelming majority of trout permit purchasers were male, Non-Hispanic, and Caucasian with a median age of 50 years old. The majority of trout anglers classify themselves as intermediate or advanced in general angling skill level, but classified themselves much more broadly in skill level as a trout angler. Respondents had targeted species other than trout an average of 31 days in the previous 12 months, but when asked their preference, preferred to fish for trout species more than any other, followed by black bass, crappie, catfish, and sunfish. The majority of survey respondents never fish from a motor boat or from other non-mechanized watercraft but more often fish from shore or wade. Respondents were most likely to have fished for trout using natural baits in the previous 12 months followed closely by artificial lures, then artificially scented baits, fly fishing, and trolling. Extensive angler usage data was collected through a series of questions on all water bodies stocked with trout. The results of this trout angler survey should be used as a starting point for further cross-reference analysis to answer future questions regarding trout management in Kentucky. Seven recommendations are given for improvement of the trout program in Kentucky.

#### **INTRODUCTION**

Fishing is an important recreational activity enjoyed by over 750,000 men, women and children each year in the state of Kentucky (U.S. Department of Interior 2011). There were 38,000 trout anglers who fished an estimated 336,000 days for trout in 2006 (U.S. Department of Interior 2006). The Fisheries Division of the Kentucky Department of Fish and Wildlife Resources (KDFWR) manages a total of 294.9 miles (88.4 miles in tailwaters) of trout fisheries in 66 streams that include 14 tailwaters. The Fisheries Division has periodically surveyed constituents to gain insight into angler attitudes regarding fisheries resources, regulations, programs and needs. This information is used to assist in making decisions on where to focus management efforts and where resources can best be utilized. However, developing an understanding of fisheries users is not only important for making management decisions but also for marketing purposes (Pollock et al. 1994). The Fisheries Division surveyed Kentucky anglers with a mail survey in 1982 (Kinman and Hoyt 1984) and a telephone survey in 1991 (Hale et al. 1992). Each of these surveys focused on general statewide attitudes and opinions. The first survey specifically targeted at Kentucky trout anglers was conducted in 2003. It was decided to conduct these surveys in approximate 10-year intervals so the current trout angler survey was conducted.

#### **METHODS**

The 2013 Kentucky Trout Angler Survey was designed to gather information from the broad spectrum of trout anglers on their fishing habits and opinions. Survey literature (Salant and Dillman 1994, Dillman 2000) and various survey resources on the internet were reviewed and brainstorming sessions held with KDFWR staff in order to decide on what questions to ask. There were multiple series of questions asking about what types of waters anglers fished for trout and then follow-up questions on satisfaction and what time of year they fished that type of water. Some of the questions were also designed using the Likert scale type of multiple-choice response. The Likert scales were set up with 5 possible responses: a moderate or neutral answer surrounded with a "Somewhat" for and against and a "Strongly" or "Very" for and against, with an additional "No Opinion" response. The survey instrument was also designed in a way to maximize the response rate by paying particular attention to the ordering of questions and the layout. For the first time, the survey instrument was made in a larger 7" X 8.5" format by printing in booklet form on 8.5" X 14" paper instead of the 8.5" X 11" paper that had been used in previous Fisheries Division mail surveys. The survey was pretested in-house by distributing it to a small number of staff that were both experienced and inexperienced trout anglers. See Appendix A for an example of the 2013 Kentucky Trout Angler Survey instrument that was mailed to each angler in the sample.

Fisheries Division staff first met on 16 August 2012 to begin deciding what questions would be asked on the 2013 Kentucky Trout Angler Survey. This process continued through early spring 2013. The survey sample was drawn from the population of all 2012 trout permit purchasers. This population does not include children under age 16 since they are license-exempt and does not include persons who bought Sportsman's or Senior/Disabled licenses and who may trout fish because the trout permit is included with these licenses. With a trout permit population of this size (> 20,000), a minimum of 400 responses were needed for statistical

significance at the 95% confidence level. Very conservative estimates on the number of bad addresses and return rates were made to ensure an adequate beginning sample size was selected. It was estimated that 15% of addresses would be undeliverable and that 35% of the anglers who received the first mail out of the survey would return a completed questionnaire. It was also estimated that an additional 20% would return a completed questionnaire after a second mailing of the survey. Using the above criteria it was estimated that the sample size needed would be 1,800 potential respondents. The procedure used to randomize the sample was to generate random numbers and associate each with an alphabetized mailing list of all qualifying trout permit purchasers from the KDFWR license database. The list was then sorted in ascending order by the random number field and the first 1,800 records were selected as the survey mailing list. Various pieces of the necessary materials to be printed were ordered and received in a timely manner. However, shipping delays of the needed envelopes and printing delays of the survey booklet pushed implementation back into the state fiscal year closeout window. At that point, it was decided to wait until after 1 July 2013 to finish the print jobs and begin the survey implementation.

The angling public was informed by a press release (Figure 1) about the survey and encouraged to fill out and return the survey if they were selected in the hopes of maximizing the response rate. A survey methodology was used that prescribes multiple contacts with each potential respondent to maximize response rate. Each person on the mailing list was first sent a notification letter by first class mail that they would soon be receiving the survey (Figure 2). All undelivered mail returned was checked off in the database as a "bad address". One week after mailing the pre-letter, each person was sent a packet that included a personalized cover letter (Figure 3), a trout survey questionnaire (Figure 4), and a postage paid return envelope. Completed questionnaires immediately began arriving in the mail along with undeliverable mail from the pre-letter mail-out. Each trout survey questionnaire had an identification number printed on the back that allowed it to be checked off of the mailing list as it was received. After another week, each person was sent a reminder/thank you postcard (Figure 5). Then, after an additional two weeks, any person from the original mailing list who hadn't already returned a survey (or been checked off as a bad address) was mailed another packet that included a different personalized cover letter (Figure 6), another trout survey and another postage paid return envelope. The four mail-outs occurred over a one month timeframe (Figure 7).

The trout survey questionnaires were keypunched by Fisheries Division staff into a Microsoft Access database. Each survey questionnaire data was keypunched twice and then the two versions were digitally compared to eliminate any keypunching errors. If there were any discrepancy between the two files then the survey was physically examined and the correct answer was verified. The survey data was imported into and analyzed with SPSS version 17.0 statistical software.

#### **RESULTS AND DISCUSSION**

The results discussed below are not intended to be an exhaustive analysis of the 2013 Kentucky Trout Angler Survey. It only highlights some of the important results from some of the survey questions. Readers may want to carefully review the questionnaire to see if data of interest to them is present but not discussed here. Appendix A is the 2013 Kentucky Trout Angler Survey booklet with the addition of the results summarized by percentage. Throughout this report, reference to specific survey questions will be in parentheses in the following format (Qxx). The sum of the "Very" and "Somewhat" answers often times will be reported for the Likert scale type questions during this discussion.

For more detailed analysis, a printout of the survey questions with frequencies, percentages and other statistics analyzed with SPSS software is presented in Appendix B. The standard SPSS tables have categories labeled "Valid" and "Missing" in the first column. The "Valid" list is the choices from which the respondent had to choose. If a respondent did not reply to a particular question, then it was a "Missing" answer recorded under "No response". Similarly, if the respondent did not answer the question correctly such as choosing two choices then it was also defined as "Missing" and recorded as "Error". The first column also has a "Total" for each of the "Valid" and "Missing" categories and an overall "Total". The second column in each table is the "Frequency" or number of respondents for that row. The third column is the "Percent" or percent of respondents for that row. The fourth column is the "Valid Percent", which excludes the "Missing" and recalculates the percentages for just the rows of "Valid" data. **The percentages from the "Valid Percent" column in the SPSS tables are the results reported in Appendix B and throughout this discussion.** The fifth column is the "Cumulative Percent", which is the running total of the "Valid Percent" rows.

Additional analysis of numeric data was necessary to calculate means, medians, etc. and these statistical tables appear after the standard SPSS tables for the respective question.

A total of 1,800 surveys were mailed out on July 22, 2013 (Figure 7). The follow-up mailing of surveys was sent out on August 13, 2013 to 1,066 people who hadn't yet returned a survey. A total of 778 usable completed questionnaires were returned. This resulted in an effective response rate of 49% after accounting for bad addresses (202) and surveys returned uncompleted (10). The margin of error (MOE) is dependent on population size and completed surveys as can be seen in the following formula:

$$\text{MOE} = \sqrt{\left(\frac{\left(\frac{N_p(0.25)}{N_s} - 0.25\right)}{(N_p - 1)}\right) \times \mathbb{Z}^2}$$

Where:  $N_p$  = size of population

 $N_s$  = number of completed surveys

Z = Z statistic associated with the confidence level; 1.95 corresponds to the 95% level

Given a 2013 population of 18,225 Kentucky resident trout permit purchasers that could be matched with an address and 778 completed questionnaires returned, and barring any other bias, we can be 95% confident that the stated results of most questions are within 3.4 percentage points of the true value (exact margin of error for any particular question is dependent on how many respondents answered the particular question).

Every attempt was made to minimize bias and maximize accuracy in the current survey. Low sampling error (or high precision) was obtained because of the high number of usable questionnaires returned during this survey. Since our population of interest was Kentucky anglers who had purchased a trout permit, coverage error was relatively low as the sample was randomly drawn from the entire population of Kentucky trout permit purchasers with the exception of a small portion of names that could not be associated with a valid address. Since anglers less than 16 years of age are fishing license and trout permit exempt, the sample population did not include this potential user group. Similarly, trout anglers that don't harvest trout or don't fish the Cumberland tailwater are not required to purchase a trout permit and so this relatively small number of anglers was also not in the survey sample. Measurement error is more difficult to control, but steps were taken to reduce this source of error by substantial staff review of the questionnaire and the survey instrument and then conducting pre-testing before mailing the survey to the sample population.

The fourth source of error in any survey is non-response error. Non-response error is when the opinions of non-respondents differ from those that did respond. The response rate of 49% in the current survey was below the 64% response rate in the survey of trout anglers conducted in 2003 (Dreves 2005) and slightly below the 52% response rate achieved in the 2003 Kentucky Angler Attitude Survey (Dreves 2008). Declining response rates in telephone and internet surveys is well documented, but these same declines have not been observed in mail surveys (Dillman et al. 2009). The two previous large-scale Kentucky angler surveys mentioned occurred during the winter months or what would be considered the off-season for many Kentucky anglers. This would be the time of year when many anglers might be experiencing "cabin fever" and the opportunity to fill out a survey about fishing would be more welcome if they couldn't actually be out fishing. There is no way to know for sure but there was concern at the time that the current survey was delayed into the summer months that this timing may affect response rate. However, the 2013 Kentucky Trout Angler Survey response rate far exceeded the 20% response rate obtained in the 1982 mail survey conducted by the Fisheries Division (Kinman and Hoyt 1984). The higher response rate seen in KDFWR Fisheries Division surveys since 2002 was likely due to the multiple contact method employed.

Of the 778 completed questionnaires, 81.5% came from the first mailing (634) and 18.5% came from the second mailing (144). The dates surveys were returned were recorded in the database to allow an examination of return patterns. As was seen in previous surveys, it was obvious that each time a contact was made through a mailing that the returns would jump, indicating the importance of the multiple contact method (Figure 7).

Comparisons of demographic data and follow-up telephone surveys are commonly used methods to check for nonresponse error. A follow-up telephone survey was not conducted as part of the 2013 Trout Angler Survey. However, trout permit purchasers were asked some demographic data as part of the trout survey. In the past, very good demographic data comparisons were made between Fisheries Division surveys and U.S. Fish and Wildlife Service's National Survey of Fishing, Hunting and Wildlife Associated Recreation (FHWAR) because of the very high response rate of Kentucky anglers in the FHWAR survey. Responses to similar demographic type questions in both surveys can be compared to give indications whether individuals responded differently based on demographic characteristics. However, the utility of comparing the 2011 FHWAR (U.S. Department of Interior 2011) to the trout survey is reduced by the fact that the decreased sample size has lessened the amount of usable demographic data in the 2011 FHWAR and because there is likely a difference between Kentucky trout angler demographics and all Kentucky anglers in general (Table 1). Demographic comparisons can also be made with the Kentucky general population by using recent census data (U. S. Census Bureau 2010, 2013). This can reveal characteristics such as Kentucky trout anglers are skewed towards male, older than the general population, and have a higher income (Table 1).

#### Angler Profile

There are a few characteristics which typify the Kentucky trout angler who purchased a trout permit. The overwhelming majority is male (82%), Non-Hispanic (99%), and Caucasian (96%) with a median age of 50 years old (Table 1; Q49-52). The majority of trout anglers classify themselves as Intermediate (53%) or Advanced (36%) in general angling skill level (Q3), but classified themselves much more broadly in skill level as a trout angler where more than 14% identified themselves as a Beginner and 20% responded that they were a Novice (Q6). Though the response categories were different, there was also a high proportion of inexperienced trout anglers in the 2003 Trout Angler Survey (Dreves 2005). Current survey respondents spent a higher percentage of their time trout fishing with family (44%) than either alone (27%) or with friends (28%) (Q7). The vast majority does not belong to any kind of organized trout fishing group (Q5). Respondents had targeted species other than trout an average of 31 days in the previous 12 months (Q4), but when asked their preference, preferred to fish for trout species more than any other, followed by black bass, crappie, catfish, and sunfish (Q2). The majority of survey respondents never fish from a motor boat (57%) or from other non-mechanized watercraft (75%) but more often fish from shore or wade (Q10). Respondents were most likely to have fished for trout using natural baits in the previous 12 months followed closely by artificial lures, then artificially scented baits, fly fishing, and trolling (Q11).

#### Angler Usage and General Opinions

Questions 12 through 31 are a series of questions designed to gauge angler usage, satisfaction, and periodicity of usage on various types of water bodies where trout are stocked. The water body types were Rivers and Streams (Q12-14), Seasonal Catch and Release Streams (Q16-18), Tailwaters (Q19-21), FINS Lakes (Q23-25), Small Lakes (Q26-28), and Large Lakes (Q29-31). The angler usage reported in Appendix A for each water body consists of two numbers: the total number of anglers that reported fishing at a water body and the sum of all angler days at that water body. In some cases the reported usage of a single angler potentially skewed the data and these are noted with an asterisk in Appendix A. This potential was arbitrarily defined as an angler reporting at least 40 days of usage that was at least 40% of the total angler days. The effect of these data points can be seen by reviewing the SPSS data in Appendix B for those particular water bodies.

Fifty-four percent of respondents reported that they were aware of the Seasonal Catch and Release Program (Q15) and 56% were aware of the FINS program. When asked about night fishing for trout in Kentucky, 81% replied having never night fished for trout and of the 19% who did, only 61% had done so in the previous three years (Q32, 34). Laurel River Lake was by far the most commonly fished night lake followed by Wood Creek, Mill Creek, and Greenbo Lakes (Q33, 35). Not having enough time was the single most important reason why anglers had quit fishing for trout at night (Q36). This is the most commonly cited reason for anglers not fishing more often in surveys nationwide (Duda et al. 1998).

Questions 37 through 44 were a series of questions designed to determine angler opinions and preferences on various aspects of trout fishing. When asked about harvesting trout in the previous 12 months, 30% reported that they kept all or almost all trout while 42% reported that they did not keep any or kept a very small percentage (Q37). For anglers that didn't keep all or almost all trout, the single most important reason why was to give another angler the opportunity to catch the fish again (Q38). Respondents consider "keeper size" for brown trout (13.1 in) to be slightly higher than for either brook (11.3 in) or rainbow trout (11.8 in) (Q38). They consider

"trophy size" for brown trout (21.2 in) and rainbow trout (20.3 in) to be more similar and higher than for brook trout (17.3 in). When asked about different trout management strategies, there was strong support for eliminating stocking at water bodies with low use and/or poor access in favor of more stocking or stocking larger fish at other locales (Q41). There was relatively high opposition to prohibiting the use of natural or artificially scented baits and limiting lures to single-hook artificials. Not surprisingly, respondents were more satisfied with their trip when catching more and bigger trout; however, a majority do not care if they harvest trout and it does not matter what type of trout they catch (Q44).

#### Crosstab Analysis

Crosstab analysis is simply cross referencing the responses to 2 or 3 questions simultaneously. This type of analysis is very simple to do with SPSS software and can be extremely useful, although there is a bit of a learning curve to understanding the power of crosstabs. In many cases, seeing an example will not only help visualize the utility of doing crosstabs but also stimulate ideas of additional crosstab analysis. In order to demonstrate, Q50 "What is your gender?" was crosstabbed with age categories derived from Q49 "What is your age?" (Table 2). This analysis reveals that the female trout permit purchasers population is slightly younger than the male trout permit purchasers population in 2013. There was a higher percentage of females than males in the younger three age categories and a lower percentage of females in the 55-64 and 65 and over age categories. For another example, the Fisheries District in which respondents reside was derived from answers to Q45. Answers to all survey questions by Fisheries District can be determined by a crosstab analysis.

The above are just a few examples of the benefits of further analysis with crosstabs. Variables can also be recoded, categorized and/or transformed. However, it must be remembered that whenever the sample size is reduced the error around the estimate in question is increased. The data from the 2013 Kentucky Trout Angler Survey should serve as a starting point for further analysis to answer future questions regarding trout program activities and fisheries management in Kentucky until this data is made obsolete by the next survey.

#### RECOMMENDATIONS

Several of the follow recommendations were also recommendations that were made in the final report of the 2003 Trout Angler Survey (Dreves 2005) but have not been completed or never initiated and results from the current trout survey indicate they remain valid.

- 1. Use the angler utilization by water types information provided in this survey to help further refine trout stocking numbers and temporal distribution.
- 2. Use the angler usage data from this survey to further refine where trout are stocked as there is strong support for eliminating areas with low usage and/or poor access.
- 3. The continuing high number of inexperienced trout anglers and the general lack of specialization in targeting trout indicate that programs still could be developed for new trout anglers and KDFWR should continue efforts to publicize trout fishing opportunities in Kentucky.
- 4. There remains a need for some sort of mentoring program whereby inexperienced trout anglers could learn from more experienced anglers, which ostensibly would help keep more anglers engaged in trout fishing.

- 5. Continue to publicize the trout fishing opportunities provided by the Seasonal Catch and Release and FINS Programs. A slight majority of respondents had heard of each of these programs but this also indicates that more can be done.
- 6. Attempts should be made to conduct creel surveys on streams during the Seasonal Catch and Release period to determine trout utilization, why angler satisfaction is not higher and how it can be improved.
- 7. This trout survey data should serve as a continual reference for KDFWR staff in making future trout management and marketing decisions, especially by contacting the data administrator and investigating whether the possibility of cross referencing questions may be beneficial.

#### ACKNOWLEDGEMENTS

I am grateful to the Kentucky trout anglers who responded to this survey and provided their opinions to help shape future trout program management decisions. I acknowledge the multitude of KDFWR staff that assisted in refining the survey questions, the survey instrument, and then stuffing thousands of envelopes on two different occasions. I especially thank Paul Wilkes for his invaluable assistance throughout the survey, including coordinating the printings and mailings. Don Bunnell deserves a big thank you for graphic layout of the questionnaire and database assistance. Thanks also to the following KDFWR staff that input survey returns: Amy Akers, Meagan Huston, Ryan Kausing, Nick Keeton, Jason McDowell, Ryan Oster, Larry Watts. I am also appreciative of Jeff Ross's comments improving this manuscript. Partial funding was provided by the Sport Fish Restoration Act (Dingell-Johnson, Wallop-Breaux), Statewide Fisheries Research Project F-40.

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	Current	<sup>1</sup> 2011 National	<sup>2</sup> KY General
	Survey (%)	Survey - KY (%)	Population (%)
Percent Male	82.3	75.0	49.2
Age			
16-24	5.6		15.4
25-34	10.9	20.0	16.5
35-44	19.3	24.0	16.8
45-54	27.0	23.0	18.7
55-64	30.1		15.7
65 and Over	7.2	22.0	16.8
Median Age	50.0		38.1
Ethnicity			
Hispanic	0.9	1.0	3.1
Non-Hispanic	99.1	99.0	96.9
Race			
Asian or Pacific Islander	0.9		1.2
Black/African American	1.2		7.8
White/Caucasian	95.9	94.0	87.8
Native American, Eskimo or Aleut	0.7		0.2
Other	1.4		3.0
Household Income			
Less than \$10,000	4.0		10.0
\$10,000-\$19,999	5.8	11.2	13.6
\$20,000-\$29,999	8.8		12.4
\$30,000-\$39,999	8.9	16.7	10.6
\$40,000-\$49,999	10.7	17.9	9.8
\$50,000-\$59,999	9.6	9.4	7.1
\$60,000-\$69,999	10.3	9.4	7.1
\$70,000-\$79,999	10.2		5.7
\$80,000-\$89,999	6.8		4.4
\$90,000-\$99,999	5.5		4.4
\$100,000 or More	19.5		15.0
Fisheries District			
Western	1.2		7.5
Northwestern	6.8		11.2
Southwestern	12.5		8.7
Central	45.1		46.2
Northeastern	9.9		10.8
Southeastern	16.1		8.8
Eastern	8.4		6.8

Table 1. Profile of licensed anglers from the 2013 Kentucky Trout Angler Survey, the Kentucky data from the 2011 National Survey of Fishing, Hunting, and Wildlife Associated Recreation, and the general population of Kentucky from the U.S. Census Bureau.

<sup>1</sup> U. S. Department of Interior 2011. --- Sample size too small to report data reliably.

<sup>2</sup> Age and race - 2010 U. S. Census. Household income - 2013 American Community Survey.

Age and household income data were extrapolated to match angler survey categories.

	49. Age Ca	tegories * 50. What is your gender?	P Crosstabulati	ion	
	-		50. What is y	our gender?	
			Male	Female	Total
49. Age categories	Under 24	Count	32	10	42
		% within 50. What is your gender?	5.2%	7.5%	5.6%
	25-34	Count	64	18	82
		% within 50. What is your gender?	10.3%	13.5%	10.9%
	35-44	Count	122	22	144
		% within 50. What is your gender?	19.7%	16.5%	19.1%
	45-54	Count	165	38	203
		% within 50. What is your gender?	26.7%	28.6%	27.0%
	55-64	Count	189	38	227
		% within 50. What is your gender?	30.5%	28.6%	30.2%
	65 and over	Count	47	7	54
		% within 50. What is your gender?	7.6%	5.3%	7.2%
Total		Count	619	133	752
		% within 50. What is your gender?	100.0%	100.0%	100.0%

Table 2. Crosstab analysis with SPSS software of question 50 "What is your gender?" and age categories derived from question 49 "What is your age?" from the 2013 Kentucky Trout Angler Survey.

#### JULY 22, 2013

## Angler surveys on catfish and trout being mailed out this week

**Frankfort, KY.** - A randomly selected group of catfish and trout anglers in Kentucky will receive a survey this week to gauge their thoughts on management of these species.

"These surveys are a great way for anglers to provide feedback to the Kentucky Department of Fish and Wildlife Resources," said department Fisheries Biologist Dave Dreves. "We really want people to respond - these angler attitude surveys help us gauge public opinion on management issues."

Forms are being sent to 1,800 catfish anglers and 1,800 trout permit holders. Names were selected at random.

Ohio River Fisheries Biologist Jason Herrala said the catfish surveyseeks angler opinions on topics such as size and creel limits. The department also seeks angler attitudes about pay lakes, Fishing in Neighborhoods (FINs) lakes and regulations concerning the Ohio River.

Dreves said the trout survey seeks opinions on stocking rates, size and creel limits, fishing methods and more. Anglers also will be asked a series of in-depth questions, such as whether they prefer the department to stock fewer but bigger trout in certain bodies of water.

Participants with questions about the surveys may call Dreves or Herrala at 1-800-858-1549 weekdays from 8 a.m. to 4:30 p.m. (Eastern).

#### Media Contact: Dave Baker 1-800-858-1549, ext. 4454

To subscribe/unsubscribe from news releases please contact Seth Stewart

Figure 1. Press release distributed to media outlets prior to the implementation of the 2013 Trout Angler Survey.



#### KENTUCKY DEPARTMENT OF FISH & WILDLIFE RESOURCES TOURISM, ARTS AND HERITAGE CABINET

Steven L. Beshear Governor #1 Sportsman's Lane Frankfort, Kentucky 40601 Phone (502) 564-3400 1-800-858-1549 Fax (502) 564-0506 *fw.ky.gov* 

Marcheta Sparrow Secretary

Dr. Jonathan W. Gassett Commissioner

An Equal Opportunity Employer M/F/D

Dear Trout Angler,

Within the next few days, you will be receiving a request to complete a brief questionnaire for an important research project being conducted by the Fisheries Division of the Kentucky Department of Fish and Wildlife Resources.

The survey is being conducted to gauge trout angler fishing habits and opinions in order to assist us when making decisions about the direction of trout management in Kentucky.

Thank you for your time and consideration. It's only with the generous help of people like you that our research can be successful.

Sincerely,

David P. Dreves Fisheries Research Biologist



KentuckyUnbridledSpirit.com

Figure 2. First letter sent to 2013 Trout Angler Survey recipients notifying them of pending mail-out of survey.



#### TOURISM, ARTS AND HERITAGE CABINET KENTUCKY DEPARTMENT OF FISH & WILDLIFE RESOURCES

Steven L. Beshear Governor #1 Sportsman's Lane Frankfort, Kentucky 40601 Phone (502) 564-3400 1-800-858-1549 Fax (502) 564-0506 *fw.ky.gov* 

Bob Stewart Secretary

Dr. Jonathan W. Gassett Commissioner

July 22, 2013 John Smith 1234 Kenner St. Ludlow, KY 41016

One of the responsibilities of the Kentucky Department of Fish and Wildlife Resources is the management of trout resources throughout the state. In order to better serve you, our constituents, I am writing to request your help in a study of trout anglers. This study is an effort to gauge trout angler fishing habits, attitudes and opinions.

You are one of a small number being asked to provide their input regarding trout fishing in Kentucky. We are contacting a random sample of resident anglers who purchased a trout permit in 2012. In order for the results to be truly representative of all persons fishing for trout, it is very important that each questionnaire be completed by you and returned in the envelope provided. Even if you don't fish for trout very much, feel like you are not that knowledgeable about trout fishing, or if trout fishing is not that important to you, we need to hear from you.

You may be assured of complete confidentiality. The questionnaire has been stamped with an identification number for mailing purposes only. This number allows us to check your name off our mailing list when your questionnaire is returned. Your name will never be placed on the questionnaire itself.

I would be happy to answer any questions you may have about this study. My toll free number is 1-800-858-1549 ext. 4469 or I can be reached by email at the address below.

Thank you very much for your assistance.

Sincerely,

David P. Dreves Fisheries Research Biologist dave.dreves@ky.gov

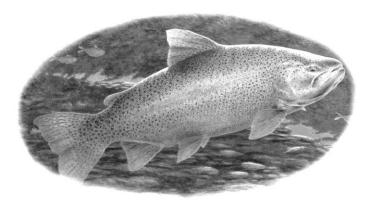


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Figure 3. Cover letter included with the initial mailing of the 2013 Trout Angler Survey questionnaire.

## **KENTUCKY TROUT FISHING ATTITUDES AND OPINIONS**



## **2013 TROUT ANGLER SURVEY**

Please return your completed questionnaire in the enclosed envelope to:

#### Kentucky Department of Fish and Wildlife Resources



Frankfort, KY 40601



Artwork provided courtesy of Rick Hill/KDFWR

[00001-02800]



1 Sportsman's Ln

Figure 4. The survey questionnaire used in the 2013 Trout Angler Survey.

1. At what age did you begin fishing? Please assume that questions pertain to all fishing experiences, not just Kentucky, except where noted.

\_\_\_\_\_ years old

\_\_\_\_\_ days

Trout Unlimited

last 12 months?

Yes No

4. About how many days did you fish in Kentucky for species other than trout in the

- 2. Which groups of fish species do you prefer to fish for most? Please rank up to <u>three</u> of the following groups where 1=most preferred, 2=second most preferred, and 3=third most preferred.
  - Black bass (largemouth, smallmouth, and Kentucky or spotted bass)
  - Catfish (blue, bullhead, channel, and flathead catfish)
  - Crappie
  - \_\_\_\_\_ Muskellunge, pike, and pickerel
  - Striped bass, hybrid striped bass, and white bass
  - \_\_\_\_\_ Sunfish (bluegill, redear or shellcracker, green, and longear sunfish)
  - \_\_\_\_\_ Trout (brook, brown, and rainbow trout)
  - \_\_\_\_\_ Walleye and sauger
  - \_\_\_\_ Other (please list)

#### 3. How would you classify yourself as an angler in general (not just trout)? (Mark only one)

- Beginner (new to fishing; still not very knowledgeable)
- Novice (been fishing at least five times, but still learning each time out)
- Intermediate (been fishing many times, but pick up new skills occasionally)
- Advanced (have a lot of fishing experience; others seek my advice)
- Expert (decades of fishing experience; I am a recognized authority)

#### 6. How would you classify yourself as a trout angler? (Mark only one)

Federation of Fly Fishers-associated club

5. Are you a member of any of the following organized trout groups?

Other trout fishing club

Beginner (new to trout fishing; still not very knowledgeable)
 Novice (been trout fishing at least five times, but still learning each time out)
 Intermediate (been trout fishing many times, but pick up new skills occasionally)
 Advanced (have a lot of trout fishing experience; others seek my advice)
 Expert (decades of trout fishing experience; I am a recognized authority)

#### 7. About what percentage of time did you fish <u>for trout</u> in each of the following ways? (your answers should total 100%)

\_\_\_\_% fishing alone \_\_\_\_% fishing with family members \_\_\_\_% fishing with friends Total = 100 %

#### Figure 4. Continued.

#### 8. Did you buy a Kentucky trout permit in the two years prior to 2012?

No Yes Don't Remember
2010
2011
IF YOU BOUGHT A KENTUCKY TROUT PERMIT IN BOTH 2010 AND 2011, PLEASE SKIP TO QUESTION 10.
<ol><li>Mark the <u>single</u> most important reason why you didn't buy a Kentucky trout permit in one or both of the two years prior to 2012.</li></ol>
I just started trout fishing
I didn't have enough time to fish for trout
I didn't intend to keep trout, so I didn't need one
I wasn't aware I needed one to keep trout
I didn't have anyone to go trout fishing with
There were few trout fishing opportunities nearby
The permit is too expensive
I don't remember
I had purchased a Sportsman's or Senior/Disability license
Other (please specify)

#### 10. How often did you fish for trout in each of the following ways in the last 12 months?

Nev	er Rarely	Occasionally	Often	Always
a) From a boat with motor	םנ			
b) From a canoe, float tube, or boat with no motor.				
c) From the shore	םנ			
d) By wading				

11. How often did you fish <u>for trout</u> using each of the following fishing methods in the last 12 months.

	Nev	ver	Rarely	Occasionally	Often	Always
a)	Fly fishing.	1				
b)	Spinning/casting artificial lures	]				
c)	Trolling artificial lures	]				
d)	Fishing with artificially scented baits (ex. Power Bait®) .	]				
e)	Fishing with natural baits (ex. minnows, worms, corn, cheese).	1				

QUESTIONS 12 - 31 ON THE NEXT SEVERAL PAGES ARE DESIGNED TO GAUGE FISHING EFFORT AT VARIOUS WATERS AROUND THE STATE THAT KENTUCKY DEPARTMENT OF FISH AND WILDLIFE RESOURCES (KDFWR) STOCKS WITH TROUT. THERE ARE SEPARATE LISTS OF RIVERS AND STREAMS, TAILWATERS BELOW DAMS, FINS LAKES, SMALL LAKES AND LARGE LAKES. PLEASE CONTINUE ANSWERING QUESTIONS IN ORDER, CAREFULLY REVIEWING EACH LIST.

Figure 4. Continued.

12. About how many days did you fish for trout at each of the following Rivers and Streams in the last 12 months? For any Rivers and Streams you did not fish for trout in the last 12 months, you may leave blank or record "0" on that line.

#### **Rivers and Streams**

Bark Camp Creek, Whitley Co	_days	Lynn Camp Creek, Hart Co	_days
Beaver Creek, Wayne Co	_days	Middle Fk. Red River, Powell/Wolfe Co	days
Big Bone Creek, Boone Co	_days	Middle Fk., Rockcastle Creek, Martin Co	_days
Big Caney Creek, Elliot Co	days	North Fk. Triplett Creek, Rowan Co	_days
Big Double Creek, Clay Co	_days	Otter Creek, Meade Co	_days
Cane Creek, Laurel Co	_days	Parched Corn Creek, Wolfe Co	_days
Casey Creek, Trigg Co	_days	Peter Creek, Barren Co	_days
Chimney Top Creek, Wolfe Co	_days	Poor Fork, Letcher Co	_days
Clear Creek, Bell Co	_days	Raven Creek, Harrison Co	_days
Craney Creek. Rowan Co	_days	Right Fork Buffalo Creek, Owsley Co	_days
Dog Fork, Wolfe Co	_days	Rock Creek, McCreary Co	_days
East Fork Indian Creek, Menifee Co	_days	Rough Creek, Hardin Co	_days
East Fork Little Sandy, Boyd Co	_days	Rough River, Grayson/Ohio Co	_days
Elk Spring Creek, Wayne Co	_days	Roundstone Creek, Hart Co	_days
Fletchers Fork, Fort Campbell	_days	Royal Springs, Scott. Co	_days
Floyds Fork, Jefferson Co	_days	Russell Fork, Pike Co	_days
Goose Creek, Casey Co	days	Shillalah Creek, Bell Co	days
Greasy Creek, Leslie Co	_days	Sinking Creek, Breckinridge Co	_days
Hatchery Creek, Russell Co	_days	Station Camp Creek, Estill Co	_days
Hood Creek, Johnson Co	_days	Sturgeon Creek, Lee Co	_days
Jennings Creek, Warren Co	days	Sulphur Spring Creek, Simpson Co	_days
Laurel Creek, Elliot Co	days	Swift Camp Creek, Wolfe Co	_days
Left Fork Beaver Creek, Floyd Co	_days	Trammel Fork, Allen Co	_days
Lick Creek, Simpson Co	_days	Triplett Creek, Rowan Co.	_days
Line Fork, Letcher Co	_days	War Fork, Jackson Co	_days
Little West Fork, Fort Campbell	_days		

#### IF YOU DID NOT FISH FOR TROUT AT ANY OF THE LISTED RIVERS AND STREAMS IN THE LAST 12 MONTHS, PLEASE SKIP TO QUESTION 15.

#### Figure 4. Continued.

#### 13. Which of the following best describes your level of satisfaction or dissatisfaction with trout fishing at Rivers and Streams in the last 12 months.

- Very Dissatisfied Somewhat Dissatisfied Neutral Somewhat Satisfied Very Satisfied
- 14. About what percentage of your trout fishing time at Rivers and Streams was spent in each of the four seasons? Your best estimate is fine, but the answers should total 100%.

Spring (Mar. 2012 – May 2012)	%
Summer (Jun. 2012 – Aug. 2012)	_%
Fall (Sept. 2012 – Nov. 2012)	%
Winter (Dec. 2012 – Feb. 2013)	_%
Total =	100%

- 15. The KDFWR Seasonal Catch and Release Streams Program is designed to create quality fishing opportunities by extending the amount of time trout may be present after stocking. Harvest of trout is not allowed and only artificial baits may be used during the catch and release season on these streams. Prior to receiving this survey, were you aware of the Seasonal Catch and Release Streams Program?
  - 🗌 No Yes

16. About how many days did you fish <u>for trout</u> during the <u>Seasonal Catch and Release</u> <u>period</u> (October 1, 2012 to March 31, 2013, except Swift Camp Creek ends May 31, 2013) at each of the following rivers and streams? For any rivers and streams you did not fish <u>for trout</u> in the Seasonal Catch and Release period, you may leave blank or record "0" on that line.

#### Seasonal Catch and Release Rivers and Streams

Bark Camp Creek, Whitley Co.	_days
Beaver Creek, Wayne Co	_days
Big Bone Creek, Boone Co	_days
Cane Creek, Laurel Co	_days
Casey Creek, Trigg Co	days
Clear Creek, Bell Co.	days
East Fork Indian Creek, Menifee Co	_days
Elk Spring Creek, Wayne Co	_days
Left Fork Beaver Creek, Floyd Co	_days
Middle Fork Red River, Powell/Wolfe Co.	_days
Otter Creek, Meade Co	_days
Rock Creek, McCreary Co.	days
Swift Camp Creek, Wolfe Co.	_days

#### IF YOU <u>DID NOT FISH FOR TROUT</u> AT ANY OF THE LISTED RIVERS AND STREAMS DURING THE SEASONAL CATCH AND RELEASE PERIOD IN THE LAST 12 MONTHS, PLEASE SKIP TO QUESTION 19.

- 17. Which of the following best describes your level of satisfaction or dissatisfaction with trout fishing at the above rivers and streams during the Seasonal Catch and <u>Release period</u> (October 1, 2012 to March 31, 2013, except Swift Camp Creek ends May 31, 2013)?
  - Very Dissatisfied
     Somewhat Dissatisfied
     Neutral
     Somewhat Satisfied
     Very Satisfied

18. About what percentage of your <u>trout fishing time at the Seasonal Catch and Release</u> <u>rivers and streams</u> during this period was spent in each of the six months? Your best estimate is fine, but the answers should total 100%.

October 2012		1	×	4	4		•			3		v			%
November 2012.	•	10		4			•	•		3				• _	%
December 2012 .	1	10	•			÷	•			1		×	•		%
January 2013		0			4	÷	a.			5	2	×			%
February 2013		13		4	4		n.			5		(x			%
March 2013								•		4	÷	i.			%
									T	c	ota	al	-	=	100 %

19. About how many days did you fish <u>for trout</u> at each of the following <u>Tailwaters</u> <u>Below Dams</u> in the last 12 months? For any Tailwaters Below Dams you did not fish <u>for trout</u> in the last 12 months, you may leave blank or record "0" on that line.

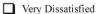
#### **Tailwaters Below Dams**

Buckhorn Tailwater	days
Carr Creek Tailwater	days
Cave Run Tailwater	days
Cumberland Tailwater	days
Dewey Tailwater	days
Fishtrap Tailwater	days
Grayson Tailwater	days
Herrington Tailwater	days
Laurel River Tailwater	days
Martins Fork Tailwater	days
Nolin River Tailwater	days
Paintsville Tailwater	days
Rough River Tailwater	days
Taylorsville Tailwater	days
Yatesville Tailwater	days

Figure 4. Continued.

#### IF YOU DID NOT FISH FOR TROUT AT ANY OF THE LISTED TAILWATERS IN THE LAST 12 MONTHS, PLEASE SKIP TO QUESTION 22.

#### 20. Which of the following best describes your level of satisfaction or dissatisfaction with trout fishing at Tailwaters Below Dams in the last 12 months?



- Somewhat Dissatisfied
- Neutral
- Somewhat Satisfied
- Very Satisfied
- 21. About what percentage of your trout fishing time at Tailwaters Below Dams was spent in each of the four seasons? Your best estimate is fine, but the answers should total 100%.

Spring (Mar. 2012 – May 2012)	%
Summer (Jun. 2012 – Aug. 2012)	%
Fall (Sept. 2012 - Nov. 2012)	%
Winter (Dec. 2012 – Feb. 2013)	_%
Total =	100 %

- 22. The KDFWR Fishing in Neighborhoods (FINS) Program is designed to create quality fishing opportunities in lakes near cities of all sizes around the state through regular stockings and more intensive management. Prior to receiving this survey, were you aware of the FINS Program?
  - No No Yes

#### Figure 4. Continued.

#### 23. About how many days did you fish for trout at each of the following FINS Lakes in the last 12 months? For any FINS Lakes you did not fish for trout in the last 12 months, you may leave blank or record "0" on that line.

days

\_\_days

\_days

\_days

days

#### **FINS Lakes**

Anderson Co. Park, Anderson Co da	ys Millennium Park Pond, Boyle Co
Bloomfield Park, Nelson Co da	ys Martin Co. Lake (Milo), Martin Co
Bob Noble Park Lake, McCracken Coda	ys Lake Mingo, Jessamine Co
Brickyard Pond, Knox Coda	ys Panther Creek Park Lake, Daviess Co
Camp Ernst Lake, Boone Coda	ys Lake Pollywog, Grant Co
Cherokee Park Lake, Jefferson Coda	ys Prisoner's Lake, Kenton Co
Dickerson Lake, Meade Coda	ys Scott Co. Park Lake, Scott Co
Easy Walker Park, Montgomery Co da	ys Southgate Lake, Campbell Co
Fisherman's Park #3&4, Jefferson Coda	ys Stein Comm. Park Lake, Campbell Co.
Jacobson Park Lake, Fayette Co da	ys Three Springs Lake, Warren Co
James D. Beville Park, Grayson Coda	ys Tom Wallace Park Lake, Jefferson Co
Kingdom Come Lake, Harlan Co da	ys Upper Sportsman's Lake, Franklin Co
Lower Sportsman's Lake, Franklin Coda	ys Watterson Park Lake, Jefferson Co
Lusby Lake, Scott Co	ys Waverly Park Lake, Jefferson Co
Madisonville Park Lake, Hopkins Coda	ys Waymond Morris Park, Daviess Co
Middleton Mills Park Ponds, Kenton Coda	ys Whitehall Park Lake, Madison Co
Mike Miller Park Lake, Marshall Coda	ys Yellow Creek Park Lake, Daviess Co
Miles Park Lake #4, Jefferson Co da	iys

#### IF YOU DID NOT FISH FOR TROUT AT ANY OF THE LISTED FINS LAKES IN THE LAST 12 MONTHS, PLEASE SKIP TO QUESTION 26.

24. Which of the following best describes your level of satisfaction or dissatisfaction with trout fishing at FINS Lakes in the last 12 months?

- Very Dissatisfied Somewhat Dissatisfied Neutral
- Somewhat Satisfied
- Very Satisfied

25. About what percentage of your <u>trout fishing time at FINS Lakes</u> was spent in each of the four periods (summer months omitted because no trout were stocked)? Your best estimate is fine, but the answers should total 100%.

April/May 2012	%
October/November 2012	
December 2012/January 2013	%
February/March 2013.	%
Total =	100 %

26. About how many days did you fish <u>for trout</u> at each of the following <u>Small Lakes</u> in the last 12 months? For any Small Lakes you did not fish <u>for trout</u> in the last 12 months, you may leave blank or record "0" on that line.

#### **Small Lakes**

Bert Combs Lake, Clay Co	days
Beulah Lake, Jackson Co	days
Cannon Creek Lake, Bell Co	days
Cranks Creek Lake, Harlan Co	days
Fagan Branch Lake, Marion Co	days
Fishpond Lake, Letcher Co	days
Grant's Branch Lake, Pike Co	days
Greenbo Lake, Greenup Co	days
Jack C. Fisher Park, 2 lakes; Daviess Co	days
Highsplint Lake, Harlan Co	days
Martin County Reservoir, Martin Co	days
Metcalfe County Lake, Metcalfe Co	days
Mill Creek Lake, Wolfe Co	days
Peabody WMA, Access Pond, Ohio Co	days
Peabody WMA, Rob's Pond, Ohio Co	days
Stanford Reservoir, Lincoln Co	days

Figure 4. Continued.

#### IF YOU <u>DID NOT FISH FOR TROUT</u> AT ANY OF THE LISTED SMALL LAKES IN THE LAST 12 MONTHS, PLEASE SKIP TO QUESTION 29.

27. Which of the following best describes your level of satisfaction or dissatisfaction with <u>trout fishing at the Small Lakes</u> listed in Question 26 in the last 12 months?

Very Dissatisfied
Somewhat Dissatisfied
Neutral
Somewhat Satisfied

- Very Satisfied
- 28. About what percentage of your <u>trout fishing time at Small Lakes</u> listed in Question 26 was spent in each of the four seasons? Your best estimate is fine, but the answers should total 100%.

snouid totai 100%.		
Spring (Mar. 2012 – May 2012)	%	
Summer (Jun. 2012 – Aug. 2012)	%	

Fall (Sept. 2012 – Nov. 2012)	%
Winter (Dec. 2012 – Feb. 2013)	%
Total =	100 %

29. About how many days did you fish <u>for trout</u> at each of the following <u>Large Lakes</u> in the last 12 months? For any Large Lakes you did not fish <u>for trout</u> in the last 12 months, you may leave blank or record "0" on that line.

#### Large Lakes

Cedar Creek Lake	days
Laurel River Lake	days
Paintsville Lake	days
Wood Creek Lake	days

#### IF YOU <u>DID NOT FISH FOR TROUT</u> AT ANY OF THE LISTED LARGE LAKES IN THE LAST 12 MONTHS, PLEASE SKIP TO QUESTION 32.

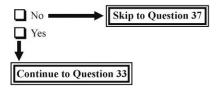
## 30. Which of the following best describes your level of satisfaction or dissatisfaction with <u>trout fishing at Large Lakes</u> listed in Question 30 in the last 12 months?



- Very Satisfied
- 31. About what percentage of your <u>trout fishing time at Large Lakes</u> listed in Question 30 was spent in each of the four seasons? Your best estimate is fine, but the answers should total 100%.

Spring (Mar. 2012 – May 2012)	%
Summer (Jun. 2012 - Aug. 2012)	%
Fall (Sept. 2012 - Nov. 2012)	%
Winter (Dec. 2012 - Feb. 2013)	%
Total=	100 %

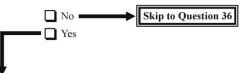
32. Questions 32-36 pertain to fishing for trout at night. Have you ever fished <u>for trout</u> <u>at night</u> in any Kentucky lakes and reservoirs stocked with trout?



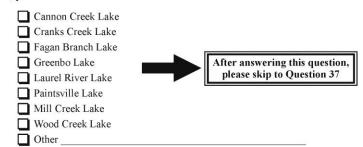
**33.** In which lakes did you fish <u>for trout at night</u>? If lake is not listed, please check "Other" and write in the name.

Cannon	Creek Lake
Cranks	Creek Lake
🔲 Fagan E	Branch Lake
Greenbe	o Lake
Laurel I	River Lake
Paintsvi	lle Lake
Mill Cr	eek Lake
Wood C	reek Lake
Other _	

34. Have you fished <u>for trout at night in the last three years</u> in any Kentucky lakes and reservoirs stocked with trout?



35. In which lakes did you fish <u>for trout at night in the last three years</u>? If lake is not listed, please check Other and write in the name.



#### Figure 4. Continued.

36.	What is the single most	important reason	n why you	quit fishin	g <u>for trout at ni</u>	ight in
	the last three years?					

I was dissatisfied with the number of trout caught at night
I was dissatisfied with the size of trout caught at night
I switched to fishing for other fish species at night
I didn't have anyone to go with
I no longer have access to a boat
I did not have enough time
I quit because of declining health
I quit because of safety concerns
I don't know

38. When you didn't keep the legal trout you caught in the last 12 months, what is the single most important reason why?

The fish were too small
I don't like to eat trout
I don't want to go to the trouble to clean them
I feel that releasing trout gives me or another person the opportunity of catching them again
Other

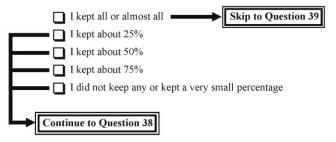
**39.** What length, to the nearest inch, do you consider <u>keeper size</u> (smallest size fish you would take home) for each of the following species of trout? For answering this question, assume that there is not a minimum length limit regulation.

Brook Trout	inches
Brown trout	inches
Rainbow trout	inches

40. What length, to the nearest inch, do you consider <u>trophy size</u> for each of the following species of trout?

Brook Trout	inches
Brown trout	inches
Rainbow trout	inches

37. The next several questions are focused on angler preferences regarding various aspects of trout fishing. About what percentage of legal trout did you keep in the last 12 months? Legal trout are defined as trout you catch that are legal size limit and do not exceed your creel limit for the area you are fishing.



#### Figure 4. Continued.

Other

For questions 41-43, please keep in mind these facts: 1) With the exception of a small number of water bodies, trout cannot survive during the summer in Kentucky, 2) therefore, most trout waters in the state are managed as put and take rainbow trout fisheries where individual trout are present for less than a year and grow very little, 3) an increase in the total number of trout stocked would cost the department more money, and 4) an increase in the size of trout stocked would cost the department more money.

41. Listed below are some trout management strategies the KDFWR could use in specific situations to enhance trout fishing opportunities without increasing costs. Please indicate to what extent you oppose or support each of the following trout management strategies.

Strongly Somewhat Neutral Somewhat Strongly Don't

		Oppose	Oppose	Neutrai	Support	Support	Know
a)	Stock fewer fish at some water bodies so others could be stocked with <u>more</u> trout						
b)	Stock fewer fish at some water bodies so others could be stocked with <u>larger</u> trout						
c)	Eliminate stocking at water bodies with low use and/or poor access and stock those trout in other areas						
d)	Eliminate stocking at water bodies with low use and/or poor access and stock other locations with larger trout						
e)	Increased minimum size limits (must release fish below a certain length)						
f)	Maximum size limits (must release fish above a certain length).						
g)	Slot limits (must release fish within a certain length range, but allowed to keep fish above and below this range)	. 🗖					
h)	Reduced daily creel limits (how many fish can be kept)						
i)	Prohibiting the use of natural and artificially scented bait.						
j)	Limit lures to single-hook artificials only						
k)	Catch and release only areas.						

## 42. To what extent do you oppose or support each of the following possible statewide daily creel limits? Currently, the <u>statewide</u> daily creel limit for rainbow trout is 8 fish.

			Somewhat Oppose		
a)	8 rainbow trout				
b)	7 rainbow trout	. 🗖			
c)	6 rainbow trout	. 🗖			
d)	5 rainbow trout	. 🗖			
e)	4 rainbow trout	. 🗖			
f)	3 rainbow trout				

43. To what extent do you oppose or support each of the following daily creel limits if placed only on certain bodies of water stocked with larger sizes of rainbow trout?

			Somewhat Oppose	Somewhat Support	Don't Know	
a)	8 rainbow trout					
b)	7 rainbow trout	🗖				
c)	6 rainbow trout					
d)	5 rainbow trout					
e)	4 rainbow trout	🗖				
f)	3 rainbow trout	🗖				

#### Figure 4. Continued.

		gly Somewhat ree Disagree	Neutral	Somewha Agree	t Strongly Agree	Some high school or less
a)	The more trout I catch, the happier I am	I ů		Ď	Ď	High school diploma/GED
b)	Keeping the trout I catch is more enjoyable than releasing them.					Vocational or technical degree
c)	The bigger the trout I catch, the better the fishing trip					Some college
d)	A fishing trip can be successful even if I catch no trout					Bachelor's degree
e)	Catching a trophy trout is the biggest reward for me					Post-graduate degree
f)	When I go trout fishing, I am not satisfied unless I catch something					
g)	Bringing trout home to eat is an important outcome of fishing.					
h)	How I catch a trout is as important to me as actually catching one					48. What is your marital status?
i)	I am just as happy if I release the trout I catch					Single, never married
j)	I like to fish where I know I have a chance to catch a trophy trout					Married Separated or Divorced
k)	It does not matter to me what type of trout I catch					Widowed
	ally, we would like to ask you a little about yours r permanent residence?	elf. In wh	nat Kei	ntucky	county is	
	County					49. What is your age?
						years old
46. Wh	ich of the following best describes the area where	you now	live?			
	A city or urban area of 500,000 or more peo	ole				
	A city or urban area of 100,000 to 499,999 p	eople				50. What is your gender?
	A city of 50,000 to 99,999 people					
						Male
	A city of 10,000 to 49,999 people					Female
	A city or community of less than 10,000 peo	ple				

47. What is the highest level of formal education you have completed?

## 44. To what extent do you disagree or agree with each of the following statements?

Figure 4. Continued.

51. Do you consider yourself to be Hispanic/Latino?

No Ves

#### THANK YOU FOR TAKING THE TIME TO COMPLETE THIS SURVEY!

Your contribution to this effort is very much appreciated. The responses you have given during this survey will help guide us in our fisheries management decisions for years to come. Is there anything else you would like to tell us about the trout program in Kentucky?

52. What is your race? Mark one or more to describe yourself.

Asian

Black or African American

White/Caucasian

Native American or Alaska Native

Native Hawaiian or Other Pacific Islander

Other (Please specify)

## 53. Which of the following broad categories best describes your annual total household income?

Less than \$10,000
\$10,000 - \$19,999
\$20,000 - \$29,999
\$30,000 - \$39,999
\$40,000 - \$49,999
\$50,000 - \$59,999
\$60,000 - \$69,999
\$60,000 - \$79,999
\$80,000 - \$89,999
\$90,000 - \$99,999
\$100,000 or more

Please return your completed questionnaire in the postage paid envelope provided to:

Kentucky Department of Fish and Wildlife Resources 1 Sportsman's Lane Frankfort, KY 40601

Results of this survey will be made available after September 2013 at any of our fisheries district offices or on the KDFWR website at (fw.ky.gov). If you have questions regarding this survey, please contact Dave Dreves at the above address, by phone at 1-800-858-1549 or via email at dave.dreves@ky.gov

Figure 4. Continued.

COMMENTS

Last week, a questionnaire seeking your opinions about trout fishing in Kentucky was mailed to you. Your name was randomly drawn from a list of all resident trout permit purchasers.

If you have already completed and returned the questionnaire to us, please accept our sincere thanks. If not, please do so today. We are especially grateful for your help because your response helps determine the future direction of the trout management program in Kentucky.

If you did not receive a questionnaire, or if it was misplaced, please call me at 1-800-858-1549 ext. 4469 and we will get another one in the mail to you today.

Sincerely,

Paird P. Reev

David P. Dreves Fisheries Research Biologist Kentucky Department of Fish and Wildlife Resources 1 Sportsman's Lane Frankfort, KY 40601

Figure 5. Thank you/reminder postcard sent to 2013 Trout Angler Survey recipients one week following first mail out of survey.



#### TOURISM, ARTS AND HERITAGE CABINET KENTUCKY DEPARTMENT OF FISH & WILDLIFE RESOURCES

Steven L. Beshear Governor #1 Sportsman's Lane Frankfort, Kentucky 40601 Phone (502) 564-3400 1-800-858-1549 Fax (502) 564-0506 *fw.ky.gov* 

Bob Stewart Secretary

Dr. Jonathan W. Gassett Commissioner

August 14, 2013

John Smith 1234 Kenner St. Ludlow, KY 41016

About three weeks ago, we wrote to you seeking your input regarding trout fishing in Kentucky. As of today, we have not received your completed questionnaire. We realize that you may not have had time to complete it. However, we would genuinely appreciate hearing from you.

The study is being conducted so that anglers like you can affect the direction of trout management in Kentucky. We are writing to you again because the study's usefulness depends on our receiving a questionnaire from each respondent. Your name was drawn through a scientific sampling process in which every resident angler who purchased a trout permit in 2012 had an equal chance of being selected. In order for information from the study to be truly representative, it is essential that each person in the sample return their questionnaire.

In the event that your questionnaire has been misplaced, a replacement is enclosed, along with a postage paid envelope. We would be happy to answer any questions you have about the study. Please contact me at 1-800-858-1549 ext. 4469 or by email at the address below.

Sincerely,

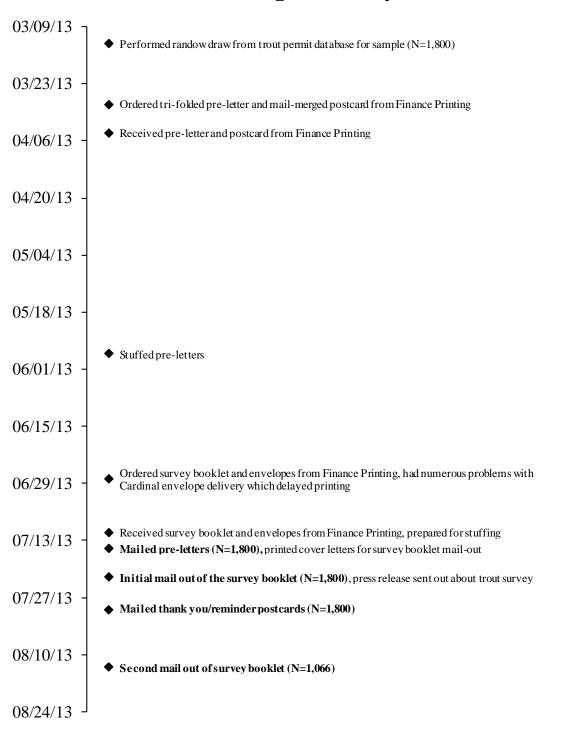
David P. Dreves Fisheries Research Biologist dave.dreves@ky.gov



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Figure 6. Cover letter included with the second mailing of the 2013 Trout Angler Survey questionnaire that was sent to previous non-respondents.



## **2013 Trout Angler Survey Timeline**

Figure 7. Timeline for the implementation of the 2013 Trout Angler Survey. Mailings are in bold type.

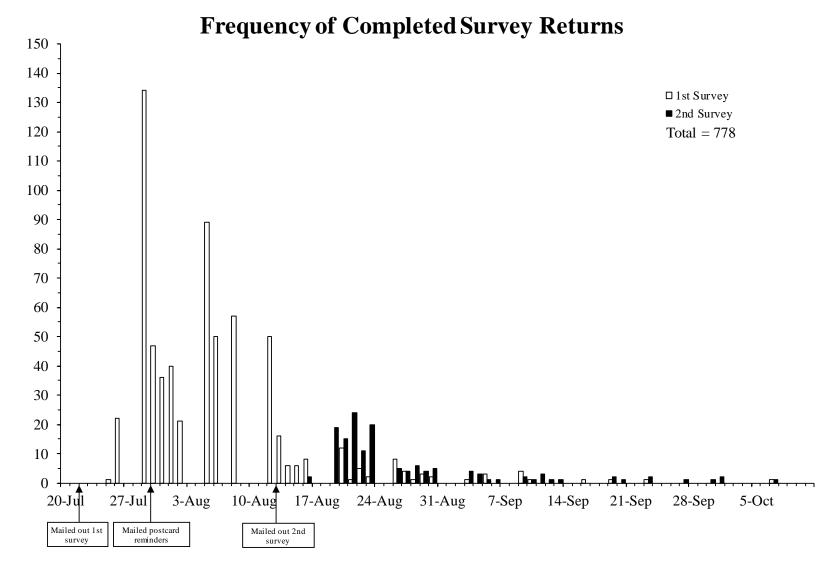


Figure 8. Frequency by date of completed trout surveys returned for the 2013 Trout Angler Survey. Arrows indicate contact through a mailing.

## **Appendix A**

## **KENTUCKY TROUT FISHING ATTITUDES AND OPINIONS**

# Results

## **2013 TROUT ANGLER SURVEY**

Please return your completed questionnaire in the enclosed envelope to:

Kentucky Department of Fish and Wildlife Resources

1 Sportsman's Ln



Frankfort, KY 40601

1. At what age did you begin fishing? Please assume that questions pertain to all fishing experiences, not just Kentucky, except where noted.

	Mean =	9.6	Percentiles	
years old			25% =	5
	Median =	6.0	50% =	6
			75% =	10

2. Which groups of fish species do you prefer to fish for most? Please rank up to <u>three</u> of the following groups where 1=most preferred, 2=second most preferred, and 3=third most preferred.

Mean Score 1.36 Black bass (largemouth, smallmouth, and Kentucky or spotted bass)

- **0.76** Catfish (blue, bullhead, channel, and flathead catfish)
- **0.81** Crappie
- **0.06** Muskellunge, pike, and pickerel
- **0.41** Striped bass, hybrid striped bass, and white bass
- **0.65** Sunfish (bluegill, redear or shellcracker, green, and longear sunfish)
- **1.53** Trout (brook, brown, and rainbow trout)
- **0.30** Walleye and sauger
- 0.06 Other (please list)

#### 3. How would you classify yourself as an angler in general (not just trout)? (Mark only one)

- 2.3% Beginner (new to fishing; still not very knowledgeable)
- 5.2% Novice (been fishing at least five times, but still learning each time out)
- **53.3%** Intermediate (been fishing many times, but pick up new skills occasionally)
- 36.4% Advanced (have a lot of fishing experience; others seek my advice)
- 2.7% Expert (decades of fishing experience; I am a recognized authority)

4. About how many days did you fish in Kentucky for <u>species other than trout</u> in the last 12 months?

	Mean = 30.7	Percentiles
days		25% = 6
	Median = 20.0	50% = 20
		75% = 35

#### 5. Are you a member of any of the following organized trout groups?

Yes	No	
5.3%	94.7%	Trout Unlimited
2.0%	98.0%	Federation of Fly Fishers-associated club
1.3%	98.7%	Other trout fishing club

#### 6. How would you classify yourself as a trout angler? (Mark only one)

- 14.3% Beginner (new to trout fishing; still not very knowledgeable)
- 20.0% Novice (been trout fishing at least five times, but still learning each time out)
- 47.9% Intermediate (been trout fishing many times, but pick up new skills occasionally)
- **16.3%** Advanced (have a lot of trout fishing experience; others seek my advice)
- 1.4% Expert (decades of trout fishing experience; I am a recognized authority)

## 7. About what percentage of time did you fish <u>for trout</u> in each of the following ways? (your answers should total 100%)

- Mean 27.3 % fishing alone
- **Percent** 43.7 % fishing with family members
  - 27.8 % fishing with friends

Total = 100 %

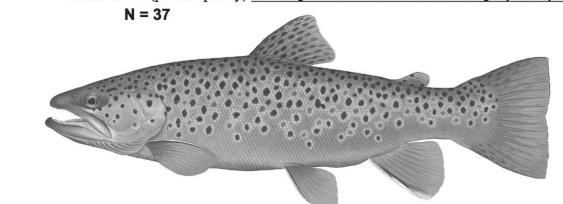
8. Did you buy a Kentucky trout permit in the two years prior to 2012?

	No	Yes	Don't Remember
2010	20.7%	62.1%	17.2%
2011	16.4%	72.3%	11.4%

### IF YOU BOUGHT A KENTUCKY TROUT PERMIT IN BOTH 2010 AND 2011, PLEASE SKIP TO QUESTION 10.

- 9. Mark the <u>single</u> most important reason why you didn't buy a Kentucky trout permit in one or both of the two years prior to 2012.
  - 21.5% I just started trout fishing
  - **26.9%** I didn't have enough time to fish for trout
    - 7.2% I didn't intend to keep trout, so I didn't need one
    - 2.5% I wasn't aware I needed one to keep trout
    - 1.4% I didn't have anyone to go trout fishing with
  - **12.5%** There were few trout fishing opportunities nearby
  - 2.5% The permit is too expensive
  - 8.6% I don't remember
  - 3.6% I had purchased a Sportsman's or Senior/Disability license

13.3% Other (please specify) Mostly "I didn't live in Kentucky" (11/37)



#### 10. How often did you fish for trout in each of the following ways in the last 12 months?

	Never	Rarely	Occasionally	Often A	lways
a) From a boat with motor	.57.0%	10.9%	11.9%	11.5%	8.7%
b) From a canoe, float tube, or boat with no motor	. <u>7</u> 5.0%	10.9%	9.0%	4.9%	0.3%
c) From the shore	.18.7%	8.5%	19.9%	25.8%	27.1%
d) By wading	46.3%	8.7%	16.6%	20.2%	8.3%

## 11. How often did you fish <u>for trout</u> using each of the following fishing methods in the last 12 months.

Never	Rarely	Occasionally	Often Alwa	iys
a) Fly fishing63.1%	8.5%	9.5%	8.5% 10.	5%
b) Spinning/casting artificial lures			30.0% 10.	8%
c) Trolling artificial lures	6.4%	11.9%	9.1% 2.	3%
d) Fishing with artificially scented baits (ex. Power Bait®) 45.0%	8.1%	18.2%	21.7% 7.	0%
e) Fishing with natural baits (ex. minnows, worms, corn, cheese)	8.5%	17.1%	30.5% 15.	.7%

QUESTIONS 12 - 31 ON THE NEXT SEVERAL PAGES ARE DESIGNED TO GAUGE FISHING EFFORT AT VARIOUS WATERS AROUND THE STATE THAT KENTUCKY DEPARTMENT OF FISH AND WILDLIFE RESOURCES (KDFWR) STOCKS WITH TROUT. THERE ARE SEPARATE LISTS OF RIVERS AND STREAMS, TAILWATERS BELOW DAMS, FINS LAKES, SMALL LAKES AND LARGE LAKES. PLEASE CONTINUE ANSWERING QUESTIONS IN ORDER, CAREFULLY REVIEWING EACH LIST.

#### 12. About how many days did you fish <u>for trout</u> at each of the following <u>Rivers and Streams</u> in the last 12 months? For any Rivers and Streams you did not fish <u>for trout</u> in the last 12 months, you may leave blank or record "0" on that line.

83 days 176 days 12 days 23 days 370 days 20 days 52 days 27 days 14 days 13 days 462 days 209 days\* 111 days 48 days 65 days 64 days 16 days 37 days 52 days 31 days 99 days\* 118 days 425 days 23 days 79 days

Divors and Streams	Anglero			Anglero
Rivers and Streams Bark Camp Creek	Anglers 16	<b>79</b> down	Lynn Camp Creek, Hart Co	Anglers
Beaver Creek, Wayne Co			Middle Fk. Red River	
				10.5
Big Bone Creek, Boone			Middle Fk., Rockcastle Creek	
Big Caney Creek, Elliot			North Fk. Triplett Creek	
Big Double Creek, Clay		And a state of the	Otter Creek, Meade Co	
Cane Creek, Laurel Co.		54days	Parched Corn Creek, Wolfe Co.	
Casey Creek, Trigg Co.			Peter Creek, Barren Co	
Chimney Top Creek	18		Poor Fork, Letcher Co	
Clear Creek, Bell Co			Raven Creek, Harrison Co	
Craney Creek. Rowan C	o <b>10</b> .	67 <sub>days</sub> *	Right Fork Buffalo Creek	
Dog Fork, Wolfe Co		days	Rock Creek, McCreary Co	
East Fork Indian Creek.		<b>153</b> days	Rough Creek, Hardin Co	
East Fork Little Sandy .		<b>31</b> days	Rough River, Grayson/Ohio Co	
Elk Spring Creek	1 .	2 days	Roundstone Creek, Hart Co	
Fletchers Fork, Ft. Camp	bell <b>1</b> .	6 days	Royal Springs, Scott. Co	
Floyds Fork, Jefferson C	o <b>34</b>	<b>193</b> days	Russell Fork, Pike Co	9.
Goose Creek, Casey Co.		<b>60</b> days	Shillalah Creek, Bell Co	6
Greasy Creek, Leslie Co		<b>71</b> days <b>*</b>	Sinking Creek, Breckinridge Co	<b>9</b>
Hatchery Creek, Russell	Co	928 days	Station Camp Creek, Estill Co	9.
Hood Creek, Johnson Co	<b>4</b> .	<b>8</b> days	Sturgeon Creek, Lee Co	5.
Jennings Creek, Warren	Co <b>17</b> .	<b>216</b> days <b>*</b>	Sulphur Spring Creek	6
Laurel Creek, Elliot Co.		<b>49</b> days	Swift Camp Creek, Wolfe Co	
Left Fork Beaver Creek.		13 days	Trammel Fork, Allen Co	
Lick Creek, Simpson Co		days	Triplett Creek, Rowan Co	
Line Fork, Letcher Co		206 days *	War Fork, Jackson Co	11
Little West Fork, Ft. Can	npbell <b>0</b>	<u><b>0</b></u> days		

Usage potentially skewed by response of a single angler

\*

IF YOU <u>DID NOT FISH FOR TROUT</u> AT ANY OF THE LISTED RIVERS AND STREAMS IN THE LAST 12 MONTHS, PLEASE SKIP TO QUESTION 15.

## 13. Which of the following best describes your level of satisfaction or dissatisfaction with <u>trout fishing at Rivers and Streams</u> in the last 12 months.

- 5.2% Very Dissatisfied16.4% Somewhat Dissatisfied27.1% Neutral35.9% Somewhat Satisfied
- 15.4% Very Satisfied
- 14. About what percentage of your <u>trout fishing time at Rivers and Streams</u> was spent in each of the four seasons? Your best estimate is fine, but the answers should total 100%. N=377

Spring (Mar. 2012 – May 2012)	<b>39.5</b> %
Summer (Jun. 2012 – Aug. 2012)	<b>28.7</b> %
Fall (Sept. 2012 – Nov. 2012)	<b>23.3</b> %
Winter (Dec. 2012 – Feb. 2013)	<b>8.5</b> %
Total	= 100%

15. The KDFWR Seasonal Catch and Release Streams Program is designed to create quality fishing opportunities by extending the amount of time trout may be present after stocking. Harvest of trout is not allowed and only artificial baits may be used during the catch and release season on these streams. Prior to receiving this survey, were you aware of the Seasonal Catch and Release Streams Program?

46.0% No

54.0% Yes

16. About how many days did you fish <u>for trout</u> during the <u>Seasonal Catch and Release</u> <u>period</u> (October 1, 2012 to March 31, 2013, except Swift Camp Creek ends May 31, 2013) at each of the following rivers and streams? For any rivers and streams you did not fish <u>for trout</u> in the Seasonal Catch and Release period, you may leave blank or record "0" on that line.

Seasonal Catch & Release Streams Angle	s	
Bark Camp Creek, Whitley Co	.7	<b>58</b> days
Beaver Creek, Wayne Co	.2 _	<b>22</b> days
Big Bone Creek, Boone Co	6_	240 days *
Cane Creek, Laurel Co	6_	<b>16</b> days
Casey Creek, Trigg Co	.4 _	30 days
Clear Creek, Bell Co	.4 _	13 days
East Fork Indian Creek, Menifee Co	24 _	86 days
Elk Spring Creek, Wayne Co	.0	<b>0</b> days
Left Fork Beaver Creek, Floyd Co	.2_	<u>6</u> days
Middle Fork Red River, Powell/Wolfe Co	!1	63 days
Otter Creek, Meade Co	33 _	263 days
Rock Creek, McCreary Co.		
Swift Camp Creek, Wolfe Co		

### IF YOU <u>DID NOT FISH FOR TROUT</u> AT ANY OF THE LISTED RIVERS AND STREAMS DURING THE SEASONAL CATCH AND RELEASE PERIOD IN THE LAST 12 MONTHS, PLEASE SKIP TO QUESTION 19.

- 17. Which of the following best describes your level of satisfaction or dissatisfaction with <u>trout fishing at the above rivers and streams during the Seasonal Catch and</u> <u>Release period</u> (October 1, 2012 to March 31, 2013, except Swift Camp Creek ends May 31, 2013)?
  - 3.7% Very Dissatisfied
    16.5% Somewhat Dissatisfied
    33.0% Neutral
    33.0% Somewhat Satisfied
  - 13.8% Very Satisfied

18. About what percentage of your <u>trout fishing time at the Seasonal Catch and Release</u> <u>rivers and streams</u> during this period was spent in each of the six months? Your best estimate is fine, but the answers should total 100%.

		N=101
October 2012		<u>28.2</u> %
November 2012		<u>16.1 %</u>
December 2012		<u>6.9</u> %
January 2013		<u>5.3</u> %
February 2013		<u>8.0</u> %
March 2013		<u>35.5</u> %
	Т	Total = 100 %

19. About how many days did you fish <u>for trout</u> at each of the following <u>Tailwaters</u> <u>Below Dams</u> in the last 12 months? For any Tailwaters Below Dams you did not fish <u>for trout</u> in the last 12 months, you may leave blank or record "0" on that line.

<b>Tailwaters Below Dams</b>	Anglers	
Buckhorn Tailwater	10	days
Carr Creek Tailwater		
Cave Run Tailwater		242 days
Cumberland Tailwater		
Dewey Tailwater		
Fishtrap Tailwater		
Grayson Tailwater		
Herrington Tailwater		
Laurel River Tailwater		
Martins Fork Tailwater	9	304 days
Nolin River Tailwater	49	404 days
Paintsville Tailwater		
Rough River Tailwater		132 days
Taylorsville Tailwater		
Yatesville Tailwater		

#### IF YOU <u>DID NOT FISH FOR TROUT</u> AT ANY OF THE LISTED TAILWATERS IN THE LAST 12 MONTHS, PLEASE SKIP TO QUESTION 22.

## 20. Which of the following best describes your level of satisfaction or dissatisfaction with <u>trout fishing at Tailwaters Below Dams</u> in the last 12 months?

- 5.8% Very Dissatisfied
- 14.6% Somewhat Dissatisfied
- 21.1% Neutral
- 39.7% Somewhat Satisfied
- 18.8% Very Satisfied
- 21. About what percentage of your <u>trout fishing time at Tailwaters Below Dams</u> was spent in each of the four seasons? Your best estimate is fine, but the answers should total 100%. N=423

Spring (Mar. 2012 – May 2012)	<u>37.1 %</u>
Summer (Jun. 2012 – Aug. 2012)	<u>32.5</u> %
Fall (Sept. 2012 – Nov. 2012)	<u>22.2</u> %
Winter (Dec. 2012 – Feb. 2013)	<b>8.3</b> %
Total =	100 %

22. The KDFWR Fishing in Neighborhoods (FINS) Program is designed to create quality fishing opportunities in lakes near cities of all sizes around the state through regular stockings and more intensive management. Prior to receiving this survey, were you aware of the FINS Program?

44.5% No 55.5% Yes 23. About how many days did you fish <u>for trout</u> at each of the following <u>FINS Lakes</u> in the last 12 months? For any FINS Lakes you did not fish <u>for trout</u> in the last 12 months, you may leave blank or record "0" on that line.

FINS Lakes	Anglers		Anglers	
Anderson Co. Park	<b>7 <u>98</u></b> d	days 🛠	Millennium Park Pond	<b>74</b> days
Bloomfield Park, Nelson Co	<b>6<u>41</u></b> d	days	Martin Co. Lake (Milo)	<b>27</b> days
Bob Noble Park Lake	<b>26</b> d	days	Lake Mingo, Jessamine Co6_	27 days
Brickyard Pond, Knox Co		days	Panther Creek Park Lake	67 days
Camp Ernst Lake, Boone Co	o <b>35<u>349</u></b> d	lays	Lake Pollywog, Grant Co	<b>70</b> days
Cherokee Park Lake, Jeffers	son Co17 255 d	days 苯	Prisoner's Lake, Kenton Co	163 days
Dickerson Lake, Meade Co.		days	Scott Co. Park Lake, Scott Co15_	102 days
Easy Walker Park,	1_1d	days	Southgate Lake, Campbell Co14_	235 days*
Fisherman's Park #3&4	<b>21<u>118</u></b> d	days	Stein Comm. Park Lake19_	380 days*
Jacobson Park Lake, Fayette	e Co <b>24 165</b> d	lays	Three Springs Lake	139 days
James D. Beville Park	16d	days	Tom Wallace Park Lake	138 days
Kingdom Come Lake, Harla	an Co	lays	Upper Sportsman's Lake	93 days
Lower Sportsman's Lake		days	Watterson Park Lake8_	73 days
Lusby Lake, Scott Co		days	Waverly Park Lake, Jefferson Co 24_	296 days
Madisonville Park Lake	<b>3<u>8</u>d</b>	lays	Waymond Morris Park	49 days
Middleton Mills Park Pond		days	Whitehall Park Lake	206 days
Mike Miller Park Lake	<b>2<u>3</u>d</b>	days	Yellow Creek Park Lake9_	51 days
Miles Park Lake #4, Jefferso	on Co <b>27246</b> d	lays 🛠		

#### IF YOU <u>DID NOT FISH FOR TROUT</u> AT ANY OF THE LISTED FINS LAKES IN THE LAST 12 MONTHS, PLEASE SKIP TO QUESTION 26.

- 24. Which of the following best describes your level of satisfaction or dissatisfaction with <u>trout fishing at FINS Lakes</u> in the last 12 months?
  - 5.4% Very Dissatisfied
  - 14.6% Somewhat Dissatisfied
  - 24.6% Neutral
  - 29.6% Somewhat Satisfied
  - 25.8% Very Satisfied

25. About what percentage of your <u>trout fishing time at FINS Lakes</u> was spent in each of the four periods (summer months omitted because no trout were stocked)? Your best estimate is fine, but the answers should total 100%.

N	I=231
April/May 2012	<b>51.4</b> %
October/November 2012	<u>18.6</u> %
December 2012/January 2013	<u>7.6 %</u>
February/March 2013	<b>22.4</b> %
Total =	100 %

26. About how many days did you fish <u>for trout</u> at each of the following <u>Small Lakes</u> in the last 12 months? For any Small Lakes you did not fish <u>for trout</u> in the last 12 months, you may leave blank or record "0" on that line.

Small Lakes	Anglers	
Bert Combs Lake, Clay Co		ays 🗙
Beulah Lake, Jackson Co		
Cannon Creek Lake, Bell Co		
Cranks Creek Lake, Harlan Co		
Fagan Branch Lake, Marion Co		
Fishpond Lake, Letcher Co		
Grant's Branch Lake, Pike Co		
Greenbo Lake, Greenup Co		ays
Jack C. Fisher Park, 2 lakes; Daviess Co		ays
Highsplint Lake, Harlan Co		ays
Martin County Reservoir, Martin Co		ays
Metcalfe County Lake, Metcalfe Co		
Mill Creek Lake, Wolfe Co		
Peabody WMA, Access Pond, Ohio Co.		
Peabody WMA, Rob's Pond, Ohio Co		
Stanford Reservoir, Lincoln Co		

#### IF YOU <u>DID NOT FISH FOR TROUT</u> AT ANY OF THE LISTED SMALL LAKES IN THE LAST 12 MONTHS, PLEASE SKIP TO QUESTION 29.

## 27. Which of the following best describes your level of satisfaction or dissatisfaction with trout fishing at the Small Lakes listed in Question 26 in the last 12 months?

- 7.9% Very Dissatisfied
- 9.9% Somewhat Dissatisfied
- 28.7% Neutral

40.6% Somewhat Satisfied

12.9% Very Satisfied

# 28. About what percentage of your <u>trout fishing time at Small Lakes</u> listed in Question 26 was spent in each of the four seasons? Your best estimate is fine, but the answers should total 100%. N=98

Spring (Mar. 2012 – May 2012)	<u>41.7</u> %
Summer (Jun. 2012 – Aug. 2012)	25.8 %
Fall (Sept. 2012 – Nov. 2012)	<u>15.8</u> %
Winter (Dec. 2012 – Feb. 2013)	<u>16.7</u> %
Total =	100 %

29. About how many days did you fish <u>for trout</u> at each of the following <u>Large Lakes</u> in the last 12 months? For any Large Lakes you did not fish <u>for trout</u> in the last 12 months, you may leave blank or record "0" on that line.

Large Lakes	Anglers
Cedar Creek Lake	
Laurel River Lake	
Paintsville Lake	
Wood Creek Lake	

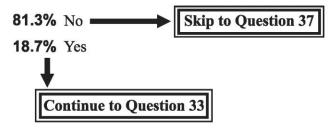
#### IF YOU <u>DID NOT FISH FOR TROUT</u> AT ANY OF THE LISTED LARGE LAKES IN THE LAST 12 MONTHS, PLEASE SKIP TO QUESTION 32.

## 30. Which of the following best describes your level of satisfaction or dissatisfaction with <u>trout fishing at Large Lakes</u> listed in Question 30 in the last 12 months?

- 9.3% Very Dissatisfied
- 16.1% Somewhat Dissatisfied
- 21.2% Neutral
- 41.5% Somewhat Satisfied
- 11.9% Very Satisfied
- 31. About what percentage of your <u>trout fishing time at Large Lakes</u> listed in Question 30 was spent in each of the four seasons? Your best estimate is fine, but the answers should total 100%. N=113

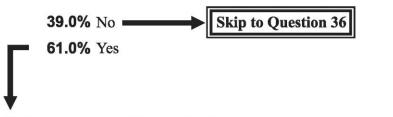
Spring (Mar. 2012 – May 2012)	-	<u>41.6 %</u>
Summer (Jun. 2012 – Aug. 2012	) .	<u>28.8</u> %
Fall (Sept. 2012 - Nov. 2012)	-	<u>16.0 </u> %
Winter (Dec. 2012 - Feb. 2013)	-	<u>13.6 </u> %
	Total=	100 %

32. Questions 32-36 pertain to fishing for trout at night. Have you ever fished <u>for trout</u> <u>at night</u> in any Kentucky lakes and reservoirs stocked with trout?

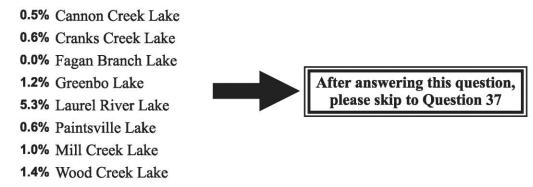


## 33. In which lakes did you fish <u>for trout at night</u>? If lake is not listed, please check "Other" and write in the name.

- 0.5% Cannon Creek Lake
- 0.6% Cranks Creek Lake
- 0.0% Fagan Branch Lake
- 1.3% Greenbo Lake
- 8.8% Laurel River Lake
- 0.8% Paintsville Lake
- 1.4% Mill Creek Lake
- 1.9% Wood Creek Lake
- 4.9% Other Lake Cumberland (1.2%), Dale Hollow Lake (0.8%), Fishpond Lake (0.6%)
- 34. Have you fished <u>for trout at night in the last three years</u> in any Kentucky lakes and reservoirs stocked with trout?



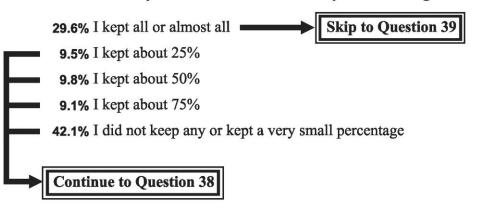
35. In which lakes did you fish <u>for trout at night in the last three years</u>? If lake is not listed, please check Other and write in the name.



3.5% Other See Above

## 36. What is the <u>single</u> most important reason why you quit fishing <u>for trout at night in</u> <u>the last three years</u>?

- 10.4% I was dissatisfied with the number of trout caught at night
- 0.0% I was dissatisfied with the size of trout caught at night
- 6.3% I switched to fishing for other fish species at night
- 12.5% I didn't have anyone to go with
- 10.4% I no longer have access to a boat
- 35.4% I did not have enough time
- 2.1% I quit because of declining health
- 4.2% I quit because of safety concerns
- 6.3% I don't know
- 12.5% Other 6 Misc. answers
- 37. The next several questions are focused on angler preferences regarding various aspects of trout fishing. About what percentage of legal trout did you keep in the last 12 months? Legal trout are defined as trout you catch that are legal size limit and do not exceed your creel limit for the area you are fishing.



## 38. When you didn't keep the legal trout you caught in the last 12 months, what is the <u>single</u> most important reason why?

- **24.4%** The fish were too small
- 4.5% I don't like to eat trout
- 5.4% I don't want to go to the trouble to clean them
- **51.2%** I feel that releasing trout gives me or another person the opportunity of catching them again
- 14.5% Other Prefer catch and release, Didn't catch enough for meal, Was not fishing for trout

39. What length, to the nearest inch, do you consider <u>keeper size</u> (smallest size fish you would take home) for each of the following species of trout? For answering this question, assume that there is not a minimum length limit regulation.

	Percentiles	25	50	75
Brook Trout	Mean = <u>11.3</u> inches	10.0	12.0	12.0
Brown trout	Mean = <u>13.1</u> inches	10.0	12.0	15.0
Rainbow trou	t <b>Mean = <u>11.8</u></b> inches	10.0	12.0	12.0

40. What length, to the nearest inch, do you consider <u>trophy size</u> for each of the following species of trout?

	Percentiles	25	50	75
Brook Trout	Mean = <u>17.3</u> inches	14.0	16.0	20.0
Brown trout	Mean = <u>21.2</u> inches	18.0	20.0	24.0
Rainbow trout	Mean = <u>20.3</u> inches	18.0	20.0	24.0

For questions 41-43, please keep in mind these facts: 1) With the exception of a small number of water bodies, trout cannot survive during the summer in Kentucky, 2) therefore, most trout waters in the state are managed as put and take rainbow trout fisheries where individual trout are present for less than a year and grow very little, 3) an increase in the total number of trout stocked would cost the department more money, and 4) an increase in the size of trout stocked would cost the department more money.

#### 41. Listed below are some trout management strategies the KDFWR could use in specific situations to enhance trout fishing opportunities without increasing costs. Please indicate to what extent you oppose or support each of the following trout management strategies. Strongly Somewhat Neutral Somewhat Strongly Don't

			Neutral			
Stock fewer fish at some water bodies so others could be stocked with <u>more</u> trout	. 6.0%	13.3%	32.5%	26.0%	18.5%	3.8%
Stock fewer fish at some water bodies so others could be stocked with <u>larger</u> trout	. 5.7%	12.8%	25.2%	28.7%	24.4%	3.1%
Eliminate stocking at water bodies with low use and/or poor access and stock those trout in other areas	. 4.9%	10.8%	17.2%	24.7%	39.2%	3.3%
Eliminate stocking at water bodies with low use and/or poor access and stock other locations with larger trout	. <b>5.2%</b>	11.6%	18.4%	24.9%	37.2%	2.7%
Increased minimum size limits (must release fish below a certain length)	. 7.4%	15.5%	25.6%	22.2%	26.3%	3.1%
Maximum size limits (must release fish above a certain length)	.17.3%	21.8%	25.6%	15.0%	17.0%	3.4%
range, but allowed to keep fish above and below		16.5%	28.3%	16.9%	18.7%	5.1%
Reduced daily creel limits (how many fish can be kept)	.17.1%	21.0%	<b>26</b> .1%	17.8%	15.1%	2.9%
Prohibiting the use of natural and artificially scented bait	.36.1%	18.9%	25.7%	4.7%	10.5%	4.1%
Limit lures to single-hook artificials only	.31.7%	20.5%	23.2%	8.3%	13.0%	3.3%
Catch and release only areas	.20.3%	14.6%	26.3%	16.5%	18.6%	3.8%
	could be stocked with more trout	Oppose         Stock fewer fish at some water bodies so others         could be stocked with more trout         Stock fewer fish at some water bodies so others         could be stocked with larger trout         Eliminate stocking at water bodies with low use         and/or poor access and stock those trout in other         areas       4.9%         Eliminate stocking at water bodies with low use         and/or poor access and stock other locations with         larger trout       5.2%         Increased minimum size limits (must release fish         below a certain length)       7.4%         Maximum size limits (must release fish above a         certain length)       17.3%         Slot limits (must release fish within a certain length         range, but allowed to keep fish above and below         this range)       14.5%         Reduced daily creel limits (how many fish can be       17.1%         Prohibiting the use of natural and artificially       36.1%         Limit lures to single-hook artificials only       31.7%	OpposeOpposeStock fewer fish at some water bodies so others could be stocked with more trout6.0%13.3%Stock fewer fish at some water bodies so others could be stocked with larger trout5.7%12.8%Eliminate stocking at water bodies with low use and/or poor access and stock those trout in other areas4.9%10.8%Eliminate stocking at water bodies with low use and/or poor access and stock those trout in other areas4.9%10.8%Eliminate stocking at water bodies with low use and/or poor access and stock other locations with larger trout5.2%11.6%Increased minimum size limits (must release fish below a certain length)7.4%15.5%Maximum size limits (must release fish above a certain length)17.3%21.8%Slot limits (must release fish within a certain length range, but allowed to keep fish above and below this range)14.5%16.5%Reduced daily creel limits (how many fish can be 	OpposeStock fewer fish at some water bodies so others could be stocked with more trout6.0%13.3%32.5%Stock fewer fish at some water bodies so others could be stocked with larger trout5.7%12.8%25.2%Eliminate stocking at water bodies with low use and/or poor access and stock those trout in other areas4.9%10.8%17.2%Eliminate stocking at water bodies with low use and/or poor access and stock those trout in other areas4.9%10.8%17.2%Eliminate stocking at water bodies with low use and/or poor access and stock other locations with larger trout5.2%11.6%18.4%Increased minimum size limits (must release fish below a certain length)7.4%15.5%25.6%Maximum size limits (must release fish above a certain length)14.5%16.5%28.3%Slot limits (must release fish within a certain length range, but allowed to keep fish above and below this range)16.5%28.3%Reduced daily creel limits (how many fish can be kept)17.1%21.0%26.1%Prohibiting the use of natural and artificially scented bait18.9%25.7%Limit lures to single-hook artificials only31.7%20.5%23.2%	OpposeOpposeSupportStock fewer fish at some water bodies so others could be stocked with more trout6.0%13.3%32.5%26.0%Stock fewer fish at some water bodies so others could be stocked with larger trout5.7%12.8%25.2%28.7%Eliminate stocking at water bodies with low use and/or poor access and stock those trout in other areas4.9%10.8%17.2%24.7%Eliminate stocking at water bodies with low use and/or poor access and stock other locations with larger trout11.6%18.4%24.9%Increased minimum size limits (must release fish below a certain length)7.4%15.5%25.6%22.2%Maximum size limits (must release fish above a certain length)14.5%16.5%28.3%16.9%Slot limits (must release fish within a certain length range, but allowed to keep fish above and below this range)14.5%16.5%28.3%16.9%Reduced daily creel limits (how many fish can be kept)17.1%21.0%26.1%17.8%Prohibiting the use of natural and artificially scented bait.36.1%18.9%25.7%4.7%Limit lures to single-hook artificials only31.7%20.5%33.2%8.3%	Stock fewer fish at some water bodies so others could be stocked with more trout6.0%13.3%32.5%26.0%18.5%Stock fewer fish at some water bodies so others could be stocked with larger trout5.7%12.8%25.2%28.7%24.4%Eliminate stocking at water bodies with low use and/or poor access and stock those trout in other areas4.9%10.8%17.2%24.7%39.2%Eliminate stocking at water bodies with low use and/or poor access and stock other locations with larger trout5.2%11.6%18.4%24.9%37.2%Increased minimum size limits (must release fish below a certain length)7.4%15.5%25.6%22.2%26.3%Maximum size limits (must release fish above a certain length)17.3%21.8%25.6%15.0%17.0%Slot limits (must release fish above and below this range)14.5%16.5%28.3%16.9%18.7%Reduced daily creel limits (how many fish can be kept)17.1%21.0%26.1%17.8%15.1%

## 42. To what extent do you oppose or support each of the following possible statewide daily creel limits? Currently, the <u>statewide</u> daily creel limit for rainbow trout is 8 fish.

			Somewhat Oppose				
a)	8 rainbow trout	12.1%	10.3%	16.8%	15.0%	42.4%	3.3%
b)	7 rainbow trout	21.9%	15.9%	22.2%	27.6%	8.3%	4.1%
c)	6 rainbow trout	21.3%	14.7%	28.3%	17.1%	14.8%	3.9%
d)	5 rainbow trout	26.5%	21.5%	22.3%	12.7%	13.2%	3.9%
e)	4 rainbow trout	40.9%	19.1%	20.6%	7.1%	8.3%	4.1%
f)	3 rainbow trout	47.0%	16.1%	20.2%	6.6%	5.9%	4.2%

## 43. To what extent do you oppose or support each of the following daily creel limits if placed only on certain bodies of water stocked with larger sizes of rainbow trout?

			Somewhat Oppose				
a)	8 rainbow trout	21.9%	14.3%	20.5%	13.0%	25.6%	4.7%
b)	7 rainbow trout	28.6%	16.9%	25.4%	17.3%	7.2%	4.6%
c)	6 rainbow trout	25.3%	14.3%	28.3%	16.4%	11.0%	4.6%
d)	5 rainbow trout	23.7%	14.4%	24.3%	1 <b>5.9%</b>	16.8%	4.9%
e)	4 rainbow trout	26.7%	14.4%	20.9%	16.3%	16.6%	5.0%
f)	3 rainbow trout	.30.6%	13.8%	22.1%	10.6%	17.3%	5.5%

#### 44. To what extent do you disagree or agree with each of the following statements?

		Somewhat Disagree	Neutral	Somewhat Agree	Strongly Agree	
a)	The more trout I catch, the happier I am	8.2%	13.0%	36.5%	36.8%	
b)	Keeping the trout I catch is more enjoyable than releasing them	22.1%	21.0%	16.4%	14.9%	
c)	The bigger the trout I catch, the better the fishing trip $4.6\%$	7.3%	11.7%	38.2%	38.2%	
d)	A fishing trip can be successful even if I catch no trout6.3%	8.7%	14.2%	37.7%	33.1%	
e)	Catching a trophy trout is the biggest reward for me 15.7%	15.0%	28.0%	22.0%	19.2%	
f)	When I go trout fishing, I am not satisfied unless I catch something	21.3%	20.3%	26.4%	14.4%	
g)	Bringing trout home to eat is an important outcome of fishing	14.3%	21.4%	25.4%	17.8%	
h)	How I catch a trout is as important to me as actually catching one	11.9%	30.4%	30.8%	19.3%	
i)	I am just as happy if I release the trout I catch	14.1%	17.9%	28.2%	32.5%	
j)	I like to fish where I know I have a chance to catch a trophy trout <b>7.8%</b>	9.9%	23.8%	32.2%	26.3%	
k)	It does not matter to me what type of trout I catch	6.5%	17.5%	39.9%	34.0%	

### 45. Finally, we would like to ask you a little about yourself. In what Kentucky county is your permanent residence? 1) lofferson 10.2% 1) CFD - 45.1%

1) lofforoor	40 20/		43.1%
1) Jefferson -		2) SEFD -	16.1%
2) Fayette -	5.9%	3) SWFD -	
3) Kenton -	4.4%		
		4) NEFD -	9.9%
4) Pulaski -	3.9%	5) EFD -	8.4%
5) Campbell -	3.1%	6) NWFD -	6.8%
		7) WFD -	1.1%

## 46. Which of the following best describes the area where you now live?

12.2% A city or urban area of 500,000 or more people

**10.4%** A city or urban area of 100,000 to 499,999 people

7.2% A city of 50,000 to 99,999 people

27.2% A city of 10,000 to 49,999 people

**43.0%** A city or community of less than 10,000 people

### 47. What is the highest level of formal education you have completed?

- 5.1% Some high school or less
- 24.3% High school diploma/GED
- 10.8% Vocational or technical degree
- 24.9% Some college
- 22.4% Bachelor's degree
- 12.5% Post-graduate degree

### 48. What is your marital status?

14.4%	Single, never married
71.9%	Married
12.6%	Separated or Divorced
1.1%	Widowed

	Mean =	48.3	Category	
49. What is your age?			16-24 =	5.6%
years old	Median =	50.0	25-34 =	10.9%
years old			35-44 =	19.3%
			45-54 =	27.0%
			55-64 =	30.1%
			>65 =	7.2%

### 50. What is your gender?

82.3% Male

17.7% Female

#### 51. Do you consider yourself to be Hispanic/Latino?

99.1% No 0.9% Yes

#### 52. What is your race? Mark one or more to describe yourself.

0.9%	Asian
1.2%	Black or African American
95.9%	White/Caucasian
0.7%	Native American or Alaska Native
0.0%	Native Hawaiian or Other Pacific Islander
0.3%	Other (Please specify)
0.3%	Black + White
0.8%	White + Native American

## 53. Which of the following broad categories best describes your annual total household income?

- **4.0%** Less than \$10,000
- **5.8%** \$10,000 \$19,999
- **8.8%** \$20,000 \$29,999
- **8.9%** \$30,000 \$39,999
- **10.7%** \$40,000 \$49,999
- **9.6%** \$50,000 \$59,999
- 10.3% \$60,000 \$69,999
- 10.2% \$70,000 \$79,999
- **6.8%** \$80,000 \$89,999
- 5.5% \$90,000 \$99,999
- **19.5%** \$100,000 or more

#### THANK YOU FOR TAKING THE TIME TO COMPLETE THIS SURVEY!

Your contribution to this effort is very much appreciated. The responses you have given during this survey will help guide us in our fisheries management decisions for years to come. Is there anything else you would like to tell us about the trout program in Kentucky?

### COMMENTS

 Positive =	33.9%	
Neutral =	50.0%	
Negative =	16.1%	

Please return your completed questionnaire in the postage paid envelope provided to:

Kentucky Department of Fish and Wildlife Resources 1 Sportsman's Lane Frankfort, KY 40601

Results of this survey will be made available after September 2013 at any of our fisheries district offices or on the KDFWR website at (fw.ky.gov). If you have questions regarding this survey, please contact Dave Dreves at the above address, by phone at 1-800-858-1549 or via email at dave.dreves@ky.gov

# **Appendix B**

1. At what age did you begin fishing?

	Frequency	Percent	Valid Percent	Cum. Percent
Valid 1	2	.3	.3	.3
2	14	1.8	1.8	2.1
3	41	5.3	5.3	7.4
4	70	9.0	9.1	16.5
5	148	19.0	19.2	35.8
6	114	14.7	14.8	50.6
7	58	7.5	7.5	58.1
8	75	9.7	9.8	67.9
9	26	3.3	3.4	71.3
10	83	10.7	10.8	82.1
11	7	.9	.9	83.0
12	26	3.3	3.4	86.3
13	3	.4	.4	86.7
14	7	.9	.9	87.6
15	7	.9	.9	88.6
16	13	1.7	1.7	90.2
17	4	.5	.5	90.8
18	5	.6	.7	91.4
19	2	.3	.3	91.7
20	5	.6	.7	92.3
21	2	.3	.3	92.6
25	4	.5	.5	93.1
26	4	.5	.5	93.6
27	1	.1	.1	93.8
28	3	.4	.4	94.1
29	1	.1	.1	94.3
30	9	1.2	1.2	95.4
31	2	.3	.3	95.7
34	1	.1	.1	95.8
35	2	.3	.3	96.1
36	1	.1	.1	96.2
37	1	.1	.1	96.4
40	5	.6	.7	97.0
43	1	.1	.1	97.1
44	2	.3	.3	97.4
45	3	.4	.4	97.8
48	2	.3	.3	98.0
49	1	.1	.1	98.2
50	4	.5	.5	98.7
52	1	.1	.1	98.8
55	3	.4	.4	99.2
57	2	.3	.3	99.5
61	1	.1	.1	99.6
62	1	.1	.1	99.7
64	1	.1	.1	99.9

<u>1.</u>	Continued.				-
	66	1	.1	.1	100.0
	Total	769	99.0	100.0	
Missing	Error	8	1.0		
	Total	777	100.0		

1. At what age did you begin fishing?
---------------------------------------

N	Valid	769
	Missing	8
	Mean	9.56
	Median	6.00
	Range	65
	Minimum	1
	Maximum	66
	Sum	7352
Percentiles	25	5.00
	50	6.00
	75	10.00

# 2. Which groups of fish species do you prefer to fish for most? Please rank up to <u>three</u> of the following groups where 1=most preferred, 2=second most preferred, and 3=third most preferred.

Black bass (largemouth, smallmouth, and Kentucky or spotted bass)

- \_\_\_\_\_ Catfish (blue, bullhead, channel, and flathead catfish)
- \_\_\_\_ Crappie
- \_\_\_\_\_ Muskellunge, pike, and pickerel
- \_\_\_\_\_ Striped bass, hybrid striped bass, and white bass
- \_\_\_\_\_ Sunfish (bluegill, redear or shellcracker, green, and longear sunfish)
- \_\_\_\_\_ Trout (brook, brown, and rainbow trout)
- \_\_\_\_\_ Walleye and sauger
- \_\_\_\_ Other (please list) \_\_\_\_\_

2.	Which groups of fish species of	do you prefer to fish for most?	An answer of 1 was se	cored 3 points, 2 scored 2 points,
and 3 sc	ored 1 point. See mean score.			

	-	Black Bass score	Catfish score	Crappie score	Muskie score	Morones score	Sunfish score	Trout score	Walleye/S auger score	Other score
N	Valid	675	675	675	675	675	675	675	675	675
	Missing	102	102	102	102	102	102	102	102	102
	Mean	1.36	.76	.81	.06	.41	.65	1.53	.30	.06
	Sum	919	516	547	39	275	442	1031	202	40
Percentiles	25	.00	.00	.00	.00	.00	.00	.00	.00	.00
	50	1.00	.00	.00	.00	.00	.00	2.00	.00	.00
	75	3.00	1.00	2.00	.00	.00	1.00	3.00	.00	.00

2. Black Bass

	2. Duch Duss									
		Frequency	Percent	Valid Percent	Cum. Percent					
Valid	0	264	34.0	39.1	39.1					
	1st	188	24.2	27.9	67.0					
	2nd	132	17.0	19.6	86.5					
	3rd	91	11.7	13.5	100.0					
	Total	675	86.9	100.0						
Missing	System	102	13.1							
	Total	777	100.0							

			2. Catfish		
		Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	412	53.0	61.0	61.0
	1st	86	11.1	12.7	73.8
	2nd	81	10.4	12.0	85.8
	3rd	96	12.4	14.2	100.0
	Total	675	86.9	100.0	
Missing	System	102	13.1		
	Total	777	100.0		

			2. Crappie		
		Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	389	50.1	57.6	57.6
	1st	75	9.7	11.1	68.7
	2nd	111	14.3	16.4	85.2
	3rd	100	12.9	14.8	100.0
	Total	675	86.9	100.0	
Missing	System	102	13.1		
	Total	777	100.0		

2. Muskie								
		Frequency	Percent	Valid Percent	Cum. Percent			
Valid	0	651	83.8	96.4	96.4			
	1st	3	.4	.4	96.9			
	2nd	9	1.2	1.3	98.2			
	3rd	12	1.5	1.8	100.0			
	Total	675	86.9	100.0				
Missing	System	102	13.1					
	Total	777	100.0					

	2. Morone spp.					
+	-	Frequency	Percent	Valid Percent	Cum. Percent	
Valid	0	520	66.9	77.0	77.0	
	1st	31	4.0	4.6	81.6	
	2nd	58	7.5	8.6	90.2	
	3rd	66	8.5	9.8	100.0	
	Total	675	86.9	100.0		
Missing	System	102	13.1			
	Total	777	100.0			

			2. Sunfish		
	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	438	56.4	64.9	64.9
	1st	65	8.4	9.6	74.5
	2nd	75	9.7	11.1	85.6
	3rd	97	12.5	14.4	100.0
	Total	675	86.9	100.0	
Missing	System	102	13.1		
	Total	777	100.0		

			2. Trout		
	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	182	23.4	27.0	27.0
	1st	191	24.6	28.3	55.3
	2nd	156	20.1	23.1	78.4
	3rd	146	18.8	21.6	100.0
	Total	675	86.9	100.0	
Missing	System	102	13.1		
	Total	777	100.0		

		2. W	Valleye/Sauge	r	
	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	567	73.0	84.0	84.0
	1st	29	3.7	4.3	88.3
	2nd	36	4.6	5.3	93.6
	3rd	43	5.5	6.4	100.0
	Total	675	86.9	100.0	
Missing	System	102	13.1		
	Total	777	100.0		

2. Other
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-		Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	657	84.6	97.3	97.3
	1 st	7	.9	1.0	98.4
	2nd	8	1.0	1.2	99.6
	3rd	3	.4	.4	100.0
	Total	675	86.9	100.0	
Missing	System	102	13.1		
	Total	777	100.0		

2. Others Listed					
	Frequency	Percent	Valid Percent	Cum. Percent	
Valid	759	97.7	97.7	97.7	
Carp	5	.6	.6	98.3	
Drum	1	.1	.1	98.5	
Gar	1	.1	.1	98.6	
Grouper	1	.1	.1	98.7	
Marlin	1	.1	.1	98.8	
Rockfish	1	.1	.1	99.0	
Salmon	3	.4	.4	99.4	
Saltwater sp.	1	.1	.1	99.5	
Snook	1	.1	.1	99.6	
Spoonbill	1	.1	.1	99.7	
Steelhead	2	.3	.3	100.0	
Total	777	100.0	100.0		

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2. Error or No Response

			<b>-</b>		
	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	No Response	5	.6	4.9	4.9
	Error	97	12.5	95.1	100.0
	Total	102	13.1	100.0	

#### 3. How would you classify yourself as an angler in general (not just trout)?

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Beginner	18	2.3	2.3	2.3
	Novice	40	5.1	5.2	7.5
	Intermediate	411	52.9	53.3	60.8
	Advanced	281	36.2	36.4	97.3
	Expert	21	2.7	2.7	100.0
	Total	771	99.2	100.0	
Missing	No Response	5	.6		
	Error	1	.1		
	Total	6	.8		
	Total	777	100.0		

	Frequency	Percent	Valid Percent	Cum. Percent
alid 0	37	4.8	4.9	4.9
1	9	1.2	1.2	6.1
2	29	3.7	3.8	9.9
3	28	3.6	3.7	13.6
4	25	3.2	3.3	16.9
5	42	5.4	5.5	22.4
6	27	3.5	3.6	26.0
7	11	1.4	1.4	27.4
8	13	1.7	1.7	29.1
9	2	.3	.3	29.4
10	62	8.0	8.2	37.5
11	1	.1	.1	37.7
12	22	2.8	2.9	40.6
13	1	.1	.1	40.7
14	5	.6	.7	41.4
15	40	5.1	5.3	46.6
16	2	.3	.3	46.9
18	2	.3	.3	47.2
19	1	.1	.1	47.3
20	88	11.3	11.6	58.9
21	1	.1	.1	59.0
22	1	.1	.1	59.2
24	7	.9	.9	60.1
25	22	2.8	2.9	63.0
26	1	.1	.1	63.1
27	2	.3	.3	63.4
29	1	.1	.1	63.5
30	82	10.6	10.8	74.3
32	1	.1	.1	74.4
33	1	.1	.1	74.6
35	9	1.2	1.2	75.8
36	2	.3	.3	76.0
37	1	.1	.1	76.2
40	22	2.8	2.9	79.1
42	1	.1	.1	79.2
45	13	1.7	1.7	80.9
46	1	.1	.1	81.0
48	2	.3	.3	81.3
50	28	3.6	3.7	85.0
52	1	.1	.1	85.1
54	1	.1	.1	85.2
55	2	.3	.3	85.5
56	1	.1	.1	85.6

4. About how many days did you fish in Kentucky for species other than trout in the last 12 months?

					-
	58	1	.1	.1	85.8
	60	23	3.0	3.0	88.8
	64	1	.1	.1	88.9
	65	2	.3	.3	89.2
	70	1	.1	.1	89.3
	72	1	.1	.1	89.5
	75	4	.5	.5	90.0
	80	7	.9	.9	90.9
	85	1	.1	.1	91.0
	90	4	.5	.5	91.6
	100	30	3.9	4.0	95.5
	110	1	.1	.1	95.7
	120	7	.9	.9	96.6
	125	2	.3	.3	96.8
	128	1	.1	.1	97.0
	135	1	.1	.1	97.1
	145	1	.1	.1	97.2
	150	2	.3	.3	97.5
	160	2	.3	.3	97.8
	165	1	.1	.1	97.9
	175	1	.1	.1	98.0
	180	2	.3	.3	98.3
	200	8	1.0	1.1	99.3
	206	1	.1	.1	99.5
	250	2	.3	.3	99.7
	270	1	.1	.1	99.9
	300	1	.1	.1	100.0
	Total	759	97.7	100.0	
Missing	No response	16	2.1		
	Error	1	.1		
	System	1	.1		
	Total	18	2.3		
	Total	777	100.0		

4. Ab	out how many day	ys did you fish in Ke	ntucky for species other than trout in the last 12 months?
Ν	Valid	759	
	Missing	18	
	Mean	30.66	
	Median	20.00	
	Range	300	
	Minimum	0	
	Maximum	300	
	Sum	23270	
Percentiles	25	6.00	
	50	20.00	
	75	35.00	

5. Are you a member of any of the following organized trout groups? Trout Unlimited

	_	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Yes	39	5.0	5.3	5.3
	No	695	89.4	94.7	100.0
	Total	734	94.5	100.0	
Missing	No Response	23	3.0		
	Error	9	1.2		
	System	11	1.4		
	Total	43	5.5		
	Total	777	100.0		

#### 5. Are you a member of any of the following organized trout groups? Federation of Fly Fishers

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Yes	15	1.9	2.0	2.0
	No	719	92.5	98.0	100.0
	Total	734	94.5	100.0	
Missing	No Response	1	.1		
	Error	1	.1		
	System	41	5.3		
	Total	43	5.5		
	Total	777	100.0		

#### 5. Are you a member of any of the following organized trout groups? Other

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Yes	9	1.2	1.3	1.3
	No	673	86.6	98.7	100.0
	Total	682	87.8	100.0	
Missing	No Response	1	.1		
	System	94	12.1		
	Total	95	12.2		
	Total	777	100.0		

### 5. Are you a member of any of the following organized trout groups? Others Listed

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	-	770	99.1	99.1	99.1
	"The Bills" (Private)	1	.1	.1	99.2
	9	1	.1	.1	99.4
	CCA	1	.1	.1	99.5
	NAFC	1	.1	.1	99.6
	National Guard	1	.1	.1	99.7
	North American	1	.1	.1	99.9
	Private group of friends	1	.1	.1	100.0
	Total	777	100.0	100.0	

6. How would you classify yourself as a trout angler?

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Beginner	109	14.0	14.3	14.3
	Novice	152	19.6	20.0	34.3
	Intermediate	364	46.8	47.9	82.2
	Advanced	124	16.0	16.3	98.6
	Expert	11	1.4	1.4	100.0
	Total	760	97.8	100.0	
Missing	No Response	14	1.8		
	Error	3	.4		
	Total	17	2.2		
	Total	777	100.0		

7. About what percentage of time did you fish for trout in each of the following ways?

		Alone	With Family	With Friends
N	Valid	742	742	742
	Missing	35	35	35
	Mean	27.32	43.68	27.79
	Median	10.00	40.00	20.00
	Range	100	100	100
	Minimum	0	0	0
	Maximum	100	100	100
	Sum	20269	32407	20623
Percentiles	25	.00	5.00	.00
	50	10.00	40.00	20.00
	75	50.00	80.00	50.00

			7. Alone		
-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	312	40.2	42.0	42.0
	1	2	.3	.3	42.3
	5	17	2.2	2.3	44.6
	10	59	7.6	8.0	52.6
	12	1	.1	.1	52.7
	13	1	.1	.1	52.8
	15	1	.1	.1	53.0
	20	34	4.4	4.6	57.5
	25	37	4.8	5.0	62.5
	30	16	2.1	2.2	64.7
	33	5	.6	.7	65.4
	34	4	.5	.5	65.9
	35	5	.6	.7	66.6
	40	15	1.9	2.0	68.6
	49	1	.1	.1	68.7
	50	86	11.1	11.6	80.3
	60	22	2.8	3.0	83.3
	65	3	.4	.4	83.7
	70	9	1.2	1.2	84.9
	72	1	.1	.1	85.0
	75	13	1.7	1.8	86.8
	80	36	4.6	4.9	91.6
	85	2	.3	.3	91.9
	90	16	2.1	2.2	94.1
	95	8	1.0	1.1	95.1
	100	36	4.6	4.9	100.0
	Total	742	95.5	100.0	
Missing	System	35	4.5		
	Total	777	100.0		

-		7. With Family								
		Frequency	Percent	Valid Percent	Cum. Percent					
Valid	0	177	22.8	23.9	23.9					
	1	1	.1	.1	24.0					
	2	1	.1	.1	24.1					
	4	1	.1	.1	24.3					
	5	13	1.7	1.8	26.0					
	10	48	6.2	6.5	32.5					
	12	1	.1	.1	32.6					
	13	1	.1	.1	32.7					
	15	5	.6	.7	33.4					
	18	1	.1	.1	33.6					
	20	33	4.2	4.4	38.0					
	25	42	5.4	5.7	43.7					
	30	24	3.1	3.2	46.9					
	33	9	1.2	1.2	48.1					
	35	1	.1	.1	48.2					
	40	24	3.1	3.2	51.5					
	45	5	.6	.7	52.2					
	50	107	13.8	14.4	66.6					
	60	15	1.9	2.0	68.6					
	65	2	.3	.3	68.9					
	70	15	1.9	2.0	70.9					
	75	21	2.7	2.8	73.7					
	80	23	3.0	3.1	76.8					
	85	3	.4	.4	77.2					
	90	19	2.4	2.6	79.8					
	94	1	.1	.1	79.9					
	95	2	.3	.3	80.2					
	98	1	.1	.1	80.3					
	99	2	.3	.3	80.6					
	100	144	18.5	19.4	100.0					
	Total	742	95.5	100.0						
Missing	System	35	4.5							
	Total	777	100.0							

7. With Family

	7. With Friends								
-	-	Frequency	Percent	Valid Percent	Cum. Percent				
Valid	0	262	33.7	35.3	35.3				
	1	2	.3	.3	35.6				
	2	2	.3	.3	35.8				
	3	1	.1	.1	36.0				
	5	21	2.7	2.8	38.8				
	10	51	6.6	6.9	45.7				
	15	7	.9	.9	46.6				
	18	1	.1	.1	46.8				
	20	51	6.6	6.9	53.6				
	25	53	6.8	7.1	60.8				
	30	38	4.9	5.1	65.9				
	33	5	.6	.7	66.6				
	34	4	.5	.5	67.1				
	35	3	.4	.4	67.5				
	40	19	2.4	2.6	70.1				
	45	5	.6	.7	70.8				
	50	105	13.5	14.2	84.9				
	60	12	1.5	1.6	86.5				
	70	10	1.3	1.3	87.9				
	75	12	1.5	1.6	89.5				
	80	7	.9	.9	90.4				
	90	22	2.8	3.0	93.4				
	95	2	.3	.3	93.7				
	100	47	6.0	6.3	100.0				
	Total	742	95.5	100.0					
Missing	System Total	35 777	4.5 100.0						

8. Did you buy a Kentucky trout permit in the two years prior to 2012? 2010

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	No	157	20.2	20.7	20.7
	Yes	471	60.6	62.1	82.8
	Don't Remember	130	16.7	17.2	100.0
	Total	758	97.6	100.0	
Missing	No Response	18	2.3		
	Error	1	.1		
	Total	19	2.4		
	Total	777	100.0		

8. Did you buy a Kentucky trout permit in the two years prior to 2012? 2011

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	No	121	15.6	16.4	16.4
	Yes	534	68.7	72.3	88.6
	Don't Remember	84	10.8	11.4	100.0
	Total	739	95.1	100.0	
Missing	No Response	36	4.6		
	Error	2	.1		
	Total	38	4.9		
	Total	777	100.0		

## 9. Mark the single most important reason why you didn't buy a Kentucky trout permit in one or both of the two years prior to 2012.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	I just started trout fishing	60	7.7	21.5	21.5
	I didn't have enough time to fish for trout	75	9.7	26.9	48.4
	I didn't intend to keep trout, so I didn't need one	20	2.6	7.2	55.6
	I wasn't aware I needed one to keep trout	7	.9	2.5	58.1
	I didn't have anyone to go trout fishing with	4	.5	1.4	59.5
	There were few trout fishing opportunities nearby	35	4.5	12.5	72.0
	The permit is too expensive	7	.9	2.5	74.6
	I don't remember	24	3.1	8.6	83.2
	I had purchased a Sportsman's or Senior/Disability license	10	1.3	3.6	86.7
	Other	37	4.8	13.3	100.0
	Total	279	35.9	100.0	
Missing	No Response	43	5.5		
	Error	12	1.5		
	System	443	57.0		
	Total	498	64.1		
	Total	777	100.0		

9.	Mark the single most important reason why you didn't buy a Kentucky trout permit in one or both of the two years
prior to	o 2012. Other Listed

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	-	740	95.2	95.2	95.2
	Because you have to buy one	1	.1	.1	95.4
	Could not afford one	1	.1	.1	95.5
	Didn't know what I was buying	1	.1	.1	95.6
	Didn't specifically fish for trout	1	.1	.1	95.8
	Don't like to eat trout	1	.1	.1	95.9
	Don't fish much	1	.1	.1	96.0
	Have to have stamp at Indian Creek, Powell Co.	1	.1	.1	96.1
	I did	1	.1	.1	96.3
	I did not know Kentucky had trout	1	.1	.1	96.4
	I didn't live in Kentucky	11	1.4	1.4	97.8
	I don't fish	1	.1	.1	97.9
	I trout fish with my daughter, she was too young in 2010	1	.1	.1	98.1
	I was working in Alabama in 2010-2011	1	.1	.1	98.2
	Illness	1	.1	.1	98.3
	Just bought a boat in 2012	1	.1	.1	98.5
	kids fishing derby	1	.1	.1	98.6
	Kids Fishing Derby/Fish Free Weekend	1	.1	.1	98.7
	Not a trout fisherman	1	.1	.1	98.8
	Only fish sporadically don't buy permit every year	1	.1	.1	99.0
	Rather bass fish	1	.1	.1	99.1
	Son was too young	1	.1	.1	99.2
	Was not a full time resident	1	.1	.1	99.4
	Wasn't aware of Kentucky's trout programs	1	.1	.1	99.5
	won't be fishing for trout	1	.1	.1	99.6
	Work out of town	1	.1	.1	99.7
	Working on the dam if I didn't get it	1	.1	.1	99.9
	Younger than 16	1	.1	.1	100.0
	Total	777	100.0	100.0	

10.	How often did you fish for trout in each of the following ways in the last 12 months?
	From a heat with motor

From a boat with motor					
	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Never	407	52.4	57.0	57.0
	Rarely	78	10.0	10.9	67.9
	Occaisionally	85	10.9	11.9	79.8
	Often	82	10.6	11.5	91.3
	Always	62	8.0	8.7	100.0
	Total	714	91.9	100.0	
Missing	No Response	63	8.1		
	Total	777	100.0		

10. From a canoe, float tube, or boat with no motor

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Never	518	66.7	75.0	75.0
	Rarely	75	9.7	10.9	85.8
	Occaisionally	62	8.0	9.0	94.8
	Often	34	4.4	4.9	99.7
	Always	2	.3	.3	100.0
	Total	691	88.9	100.0	
Missing	No Response	86	11.1		
	Total	777	100.0		

#### 10. From the shore

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Never	138	17.8	18.7	18.7
	Rarely	63	8.1	8.5	27.2
	Occaisionally	147	18.9	19.9	47.1
	Often	191	24.6	25.8	72.9
	Always	200	25.7	27.1	100.0
	Total	739	95.1	100.0	
Missing	No Response	36	4.6		
	Error	2	.3		
	Total	38	4.9		
	Total	777	100.0		

10. By wading					
		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Never	335	43.1	46.3	46.3
	Rarely	63	8.1	8.7	55.0
	Occaisionally	120	15.4	16.6	71.5
	Often	146	18.8	20.2	91.7
	Always	60	7.7	8.3	100.0
	Total	724	93.2	100.0	
Missing	No Response	50	6.4		
	Error	3	.4		
	Total	53	6.8		
	Total	777	100.0		

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11. How often did you fish for trout using each of the following fishing methods in the last 12 months? Fly fishing

			r ly fishing		
	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Never	439	56.5	63.1	63.1
	Rarely	59	7.6	8.5	71.6
	Occaisionally	66	8.5	9.5	81.0
	Often	59	7.6	8.5	89.5
	Always	73	9.4	10.5	100.0
	Total	696	89.6	100.0	
Missing	No Response	79	10.2		
	Error	2	.3		
	Total	81	10.4		
	Total	777	100.0		

#### 11. Spinning/casting artificial lures

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Never	205	26.4	27.7	27.7
	Rarely	62	8.0	8.4	36.1
	Occaisionally	171	22.0	23.1	59.2
	Often	222	28.6	30.0	89.2
	Always	80	10.3	10.8	100.0
	Total	740	95.2	100.0	
Missing	No Response	34	4.4		
	Error	3	.4		
	Total	37	4.8		
	Total	777	100.0		

11. Trolling artificial lures

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Never	485	62.4	70.3	70.3
	Rarely	44	5.7	6.4	76.7
	Occaisionally	82	10.6	11.9	88.6
	Often	63	8.1	9.1	97.7
	Always	16	2.1	2.3	100.0
	Total	690	88.8	100.0	
Missing	No Response	87	11.2		
	Total	777	100.0		

	11.	1. Fishing with artificiary scented baits						
	-	Frequency	Percent	Valid Percent	Cum. Percent			
Valid	Never	322	41.4	45.0	45.0			
	Rarely	58	7.5	8.1	53.1			
	Occaisionally	130	16.7	18.2	71.3			
	Often	155	19.9	21.7	93.0			
	Always	50	6.4	7.0	100.0			
	Total	715	92.0	100.0				
Missing	No Response	60	7.7					
	Error	2	.3					
	Total	62	8.0					
	Total	777	100.0					

#### 11. Fishing with artificially scented baits

### 11. Fishing with natural baits

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Never	210	27.0	28.2	28.2
	Rarely	63	8.1	8.5	36.7
	Occaisionally	127	16.3	17.1	53.8
	Often	227	29.2	30.5	84.3
	Always	117	15.1	15.7	100.0
	Total	744	95.8	100.0	
Missing	No Response	32	4.1		
	Error	1	.1		
	Total	33	4.2		
	Total	777	100.0		

## 12. About how many days did you fish for trout at each of the following Rivers and Streams in the last 12 months?

		Bark Camp Creek, Whitley Co.	Beaver Creek, Wayne Co.	Big Bone Creek, Boone Co.	Big Caney Creek, Elliot Co.	Big Double Creek, Clay Co.	Cane Creek, Laurel Co.	Casey Creek, Trigg Co.	Chimney Top Creek, Wolfe Co.
N	Valid	16	8	29	7	2	18		18
	Missing	761	769	748	770	775	759	767	759
	Mean	4.94	9.00	8.66	2.14	1.50	3.00	14.60	1.78
	Median	3.00	10.00	2.00	1.00	1.50	2.00	10.00	1.50
	Range	19	19	99	4	1	9	37	3
	Minimum	1	1	1	1	1	1	3	1
	Maximum	20	20	100	5	2	10	40	4
	Sum	79	72	251	15	3	54	146	32
Percentiles	25	1.25	1.50	1.00	1.00	1.00	1.00	4.00	1.00
	50	3.00	10.00	2.00	1.00	1.50	2.00	10.00	1.50
	75	5.00	14.25	6.50	4.00	2.00	3.25	22.50	2.00

		Clear Creek, Bell Co.	Craney Creek. Rowan Co.	Dog Fork, Wolfe Co.	East Fork Indian Creek, Menifee Co.	East Fork Little Sandy, Boyd Co.	Elk Spring Creek, Wayne Co.	Fork, Fort	Floyds Fork, Jefferson Co.
Ν	Valid	10	10	7	34	6	1	1	34
	Missing	767	767	770	743	771	776	776	743
	Mean	2.10	6.70	2.00	4.50	5.17	2.00	6.00	5.68
	Median	1.50	2.50	1.00	3.00	4.00	2.00	6.00	3.00
	Range	6	39	4	14	9	0	0	29
	Minimum	1	1	1	1	1	2	6	1
	Maximum	7	40	5	15	10	2	6	30
	Sum	21	67	14	153	31	2	6	193
Percentiles	25	1.00	1.00	1.00	2.00	1.75	2.00	6.00	1.75
	50	1.50	2.50	1.00	3.00	4.00	2.00	6.00	3.00
	75	2.25	6.25	4.00	5.00	10.00	2.00	6.00	7.00

		Goose Creek, Casey Co.	Greasy Creek, Leslie Co.	Hatchery Creek, Russell Co.	Hood Creek, Johnson Co.	Jennings Creek, Warren Co.	Laurel Creek, Elliot Co.	Left Fork Beaver Creek, Floyd Co.	Lick Creek Simpson Co.
N	Valid	14	6	97	4	17	12	3	9
	Missing	763	771	680	773	760	765	774	768
	Mean	4.29	11.83	9.57	2.00	12.71	4.08	4.33	3.33
	Median	2.00	2.50	5.00	2.00	5.00	3.00	2.00	1.00
	Range	14	59	59	2	99	9	9	9
	Minimum	1	1	1	1	1	1	1	1
	Maximum	15	60	60	3	100	10	10	10
	Sum	60	71	928	8	216	49	13	30
Percentiles	25	1.75	1.75	2.00	1.25	2.50	1.00	1.00	1.00
	50	2.00	2.50	5.00	2.00	5.00	3.00	2.00	1.00
	75	6.25	17.25	12.00	2.75	12.50	5.75	10.00	6.50

		Line Fork, Letcher Co.	Little West Fork, Fort Campbell	Lynn Camp Creek, Hart Co.	Middle Fk. Red River, Powell/ Wolfe Co.	Middle Fk., Rockcastle Creek, Martin Co.	North Fk. Triplett Creek, Rowan Co.	Otter Creek, Meade Co.	Parched Corn Creek, Wolfe Co.
Ν	Valid	6	0	21	28	3	10	50	11
	Missing	771	777	756	749	774	767	727	766
	Mean	34.33		3.95	6.29	4.00	2.30	7.40	1.82
	Median	3.00		3.00	4.00	4.00	2.50	4.50	1.00
	Range	178		9	29	2	3	49	4
	Minimum	2		1	1	3	1	1	1
	Maximum	180		10	30	5	4	50	5
	Sum	206		83	176	12	23	370	20
Percentiles	25	2.75		1.50	2.00	3.00	1.00	2.00	1.00
	50	3.00		3.00	4.00	4.00	2.50	4.50	1.00
	75	56.25		5.00	5.00	5.00	3.25	10.00	2.00

		Peter Creek, Barren Co.	Poor Fork, Letcher Co.	Raven Creek, Harrison Co.	Right Fork Buffalo Creek, Owsley Co.	Rock Creek, McCreary Co.	Rough Creek, Hardin Co.	Rough River, Grayson/ Ohio Co.	Roundstone Creek, Hart Co.
Ν	Valid	17	7	7	5	53	14	22	15
	Missing	760	770	770	772	724	763	755	762
	Mean	3.06	3.86	2.00	2.60	8.72	14.93	5.05	3.20
	Median	2.00	3.00	1.00	2.00	3.00	5.00	2.00	2.00
	Range	9	11	4	6	74	144	19	19
	Minimum	1	1	1	1	1	1	1	1
	Maximum	10	12	5	7	75	145	20	20
	Sum	52	27	14	13	462	209	111	48
Percentiles	25	1.50	1.00	1.00	1.00	2.00	1.75	1.75	1.00
	50	2.00	3.00	1.00	2.00	3.00	5.00	2.00	2.00
	75	4.50	5.00	3.00	4.50	7.50	8.50	7.75	3.00

		Royal Springs, Scott. Co.	Russell Fork, Pike Co.	Shillalah Creek, Bell Co.	Sinking Creek, Breckinridge Co.	Station Camp Creek, Estill Co.	Sturgeon Creek, Lee Co.	Sulphur Spring Creek, Simpson Co.	Swift Camp Creek, Wolfe Co.
N	Valid	12	9	6	9	9	5	6	33
	Missing	765	768	771	768	768	772	771	744
	Mean	5.42	7.11	2.67	4.11	5.78	6.20	16.50	3.58
	Median	2.00	5.00	2.50	3.00	6.00	4.00	6.00	2.00
	Range	29	29	4	9	8	19	74	19
	Minimum	1	1	1	1	2	1	1	1
	Maximum	30	30	5	10	10	20	75	20
	Sum	65	64	16	37	52	31	99	118
Percentiles	25	1.00	2.00	1.00	2.00	2.00	1.00	1.00	1.00
	50	2.00	5.00	2.50	3.00	6.00	4.00	6.00	2.00
	75	8.25	8.50	4.25	6.50	10.00	12.50	26.25	4.50

	-	Trammel Fork, Allen Co.	Triplett Creek, Rowan Co.	War Fork, Jackson Co.
Ν	Valid	37	9	11
	Missing	740	768	766
	Mean	11.49	2.56	7.18
	Median	5.00	2.00	5.00
	Range	59	4	19
	Minimum	1	1	1
	Maximum	60	5	20
	Sum	425	23	79
Percentiles	25	2.00	1.00	4.00
	50	5.00	2.00	5.00
	75	12.50	5.00	10.00

	-		атр Стеек,		-
		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	4	.5	25.0	25.0
	2	3	.4	18.8	43.8
	3	2	.3	12.5	56.3
	4	2	.3	12.5	68.8
	5	2	.3	12.5	81.3
	10	1	.1	6.3	87.5
	15	1	.1	6.3	93.8
	20	1	.1	6.3	100.0
	Total	16	2.1	100.0	
Missing	0	761	97.9		
	Total	777	100.0		

12. Bark Camp Creek, Whitley Co.

12. Beaver Creek, Wayne Co.

	_	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	2	.3	25.0	25.0
	3	1	.1	12.5	37.5
	10	2	.3	25.0	62.5
	12	1	.1	12.5	75.0
	15	1	.1	12.5	87.5
	20	1	.1	12.5	100.0
	Total	8	1.0	100.0	
Missing	0	769	99.0		
	Total	777	100.0		

	12. Bone Creek, Boone Co.						
	_	Frequency	Percent	Valid Percent	Cum. Percent		
Valid	1	8	1.0	27.6	27.6		
	2	10	1.3	34.5	62.1		
	3	2	.3	6.9	69.0		
	4	1	.1	3.4	72.4		
	5	1	.1	3.4	75.9		
	8	1	.1	3.4	79.3		
	10	1	.1	3.4	82.8		
	15	1	.1	3.4	86.2		
	20	1	.1	3.4	89.7		
	25	1	.1	3.4	93.1		
	30	1	.1	3.4	96.6		
	100	1	.1	3.4	100.0		
	Total	29	3.7	100.0			
Missing	0	748	96.3				
	Total	777	100.0				

12. Bone Creek, Boone Co.

12. Big Caney Creek, Elliot Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	4	.5	57.1	57.1
	2	1	.1	14.3	71.4
	4	1	.1	14.3	85.7
	5	1	.1	14.3	100.0
	Total	7	.9	100.0	
Missing	0	770	99.1		
	Total	777	100.0		

12. Big Double Creek, Clay Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	50.0	50.0
	2	1	.1	50.0	100.0
	Total	2	.3	100.0	
Missing	0	775	99.7		
	Total	777	100.0		

	12. Cane Creek, Laurel Co.								
		Frequency	Percent	Valid Percent	Cum. Percent				
Valid	1	7	.9	38.9	38.9				
	2	4	.5	22.2	61.1				
	3	3	.4	16.7	77.8				
	4	1	.1	5.6	83.3				
	8	2	.3	11.1	94.4				
	10	1	.1	5.6	100.0				
	Total	18	2.3	100.0					
Missing	0	759	97.7						
	Total	777	100.0						

	12. Casey Creek, Trigg Co.								
		Frequency	Percent	Valid Percent	Cum. Percent				
Valid	3	1	.1	10.0	10.0				
	4	2	.3	20.0	30.0				
	5	1	.1	10.0	40.0				
	10	2	.3	20.0	60.0				
	20	2	.3	20.0	80.0				
	30	1	.1	10.0	90.0				
	40	1	.1	10.0	100.0				
	Total	10	1.3	100.0					
Missing	0	767	98.7						
	Total	777	100.0						

12. Chimney Top Creek, Wolfe Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	9	1.2	50.0	50.0
	2	6	.8	33.3	83.3
	3	1	.1	5.6	88.9
	4	2	.3	11.1	100.0
	Total	18	2.3	100.0	
Missing	0	759	97.7		
	Total	777	100.0		

12. Clear Creek, Bell Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	5	.6	50.0	50.0
	2	3	.4	30.0	80.0
	3	1	.1	10.0	90.0
	7	1	.1	10.0	100.0
	Total	10	1.3	100.0	
Missing	0	767	98.7		
	Total	777	100.0		

	12. Craney Creek. Rowan Co.							
		Frequency	Percent	Valid Percent	Cum. Percent			
Valid	1	4	.5	40.0	40.0			
	2	1	.1	10.0	50.0			
	3	2	.3	20.0	70.0			
	5	1	.1	10.0	80.0			
	10	1	.1	10.0	90.0			
	40	1	.1	10.0	100.0			
	Total	10	1.3	100.0				
Missing	0	767	98.7					
	Total	777	100.0					

12. Dog Fork, Wolfe Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	5	.6	71.4	71.4
	4	1	.1	14.3	85.7
	5	1	.1	14.3	100.0
	Total	7	.9	100.0	
Missing	0	770	99.1		
	Total	777	100.0		

	12. East Fork Indian Creek, Menifee Co.						
		Frequency	Percent	Valid Percent	Cum. Percent		
Valid	1	7	.9	20.6	20.6		
	2	5	.6	14.7	35.3		
	3	9	1.2	26.5	61.8		
	5	6	.8	17.6	79.4		
	7	1	.1	2.9	82.4		
	10	3	.4	8.8	91.2		
	12	1	.1	2.9	94.1		
	15	2	.3	5.9	100.0		
	Total	34	4.4	100.0			
Missing	0	743	95.6				
	Total	777	100.0				

### 12. East Fork Indian Creek. Menifee Co.

## 12. East Fork Little Sandy, Boyd Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	16.7	16.7
	2	1	.1	16.7	33.3
	3	1	.1	16.7	50.0
	5	1	.1	16.7	66.7
	10	2	.3	33.3	100.0
	Total	6	.8	100.0	
Missing	0	771	99.2		
	Total	777	100.0		

12. Elk Spring Creek, Wayne Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	2	1	.1	100.0	100.0
Missing	0	776	99.9		
	Total	777	100.0		

12. Fletchers Fork, Fort Campbell
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		Frequency	Percent	Valid Percent	Cum. Percent
Valid	6	1	.1	100.0	100.0
Missing	0	776	99.9		
	Total	777	100.0		

	12. Floyds Fork, Jefferson Co.					
		Frequency	Percent	Valid Percent	Cum. Percent	
Valid	1	8	1.0	23.5	23.5	
	2	6	.8	17.6	41.2	
	3	5	.6	14.7	55.9	
	4	4	.5	11.8	67.6	
	6	2	.3	5.9	73.5	
	7	2	.3	5.9	79.4	
	10	2	.3	5.9	85.3	
	11	1	.1	2.9	88.2	
	15	1	.1	2.9	91.2	
	20	2	.3	5.9	97.1	
	30	1	.1	2.9	100.0	
	Total	34	4.4	100.0		
Missing	0	743	95.6			
	Total	777	100.0			

12. Flovds Fork, Jefferson Co.

12. Goose Creek, Casey Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	3	.4	21.4	21.4
	2	5	.6	35.7	57.1
	3	1	.1	7.1	64.3
	4	1	.1	7.1	71.4
	5	1	.1	7.1	78.6
	10	2	.3	14.3	92.9
	15	1	.1	7.1	100.0
	Total	14	1.8	100.0	
Missing	0	763	98.2		
	Total	777	100.0		

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	16.7	16.7
	2	2	.3	33.3	50.0
	3	2	.3	33.3	83.3
	60	1	.1	16.7	100.0
	Total	6	.8	100.0	
Missing	0	771	99.2		
	Total	777	100.0		

12. Hatchery Creek, Russell Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	16	2.1	16.5	16.5
	2	15	1.9	15.5	32.0
	3	8	1.0	8.2	40.2
	4	3	.4	3.1	43.3
	5	8	1.0	8.2	51.5
	6	6	.8	6.2	57.7
	7	3	.4	3.1	60.8
	8	3	.4	3.1	63.9
	10	7	.9	7.2	71.1
	12	5	.6	5.2	76.3
	14	1	.1	1.0	77.3
	15	9	1.2	9.3	86.6
	18	2	.3	2.1	88.7
	20	3	.4	3.1	91.8
	30	3	.4	3.1	94.8
	45	1	.1	1.0	95.9
	50	2	.3	2.1	97.9
	55	1	.1	1.0	99.0
	60	1	.1	1.0	100.0
	Total	97	12.5	100.0	
Missing	0	680	87.5		
	Total	777	100.0		

12. Hood Creek, Johnson Co.

12. Hood Creek, Johnson Co.						
		Frequency	Percent	Valid Percent	Cum. Percent	
Valid	1	1	.1	25.0	25.0	
	2	2	.3	50.0	75.0	
	3	1	.1	25.0	100.0	
	Total	4	.5	100.0		
Missing	0	773	99.5			
	Total	777	100.0			

	=	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	3	.4	17.6	17.6
	2	1	.1	5.9	23.5
	3	1	.1	5.9	29.4
	4	2	.3	11.8	41.2
	5	3	.4	17.6	58.8
	10	3	.4	17.6	76.5
	15	1	.1	5.9	82.4
	20	2	.3	11.8	94.1
	100	1	.1	5.9	100.0
	Total	17	2.2	100.0	
Missing	0	760	97.8		
	Total	777	100.0		

12. Jennings Creek, Warren Co.

12. Laurel Creek, Elliot Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	4	.5	33.3	33.3
	3	3	.4	25.0	58.3
	5	2	.3	16.7	75.0
	6	1	.1	8.3	83.3
	10	2	.3	16.7	100.0
	Total	12	1.5	100.0	
Missing	0	765	98.5		
	Total	777	100.0		

12. Left Fork Beaver Creek, Floyd Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	33.3	33.3
	2	1	.1	33.3	66.7
	10	1	.1	33.3	100.0
	Total	3	.4	100.0	
Missing	0	774	99.6		
	Total	777	100.0		

12. Lick Creek, Simpson Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	5	.6	55.6	55.6
	2	1	.1	11.1	66.7
	3	1	.1	11.1	77.8
	10	2	.3	22.2	100.0
	Total	9	1.2	100.0	
Missing	0	768	98.8		
	Total	777	100.0		

12. Line Fork, Letcher Co.

	_	Frequency	Percent	Valid Percent	Cum. Percent
Valid	2	1	.1	16.7	16.7
	3	3	.4	50.0	66.7
	15	1	.1	16.7	83.3
	180	1	.1	16.7	100.0
	Total	6	.8	100.0	
Missing	0	771	99.2		
	Total	777	100.0		

# 12. Little West Fork, Fort Campbell

	Frequency	Percent
Missing 0	777	100.0

	12.	Lynn	Camp	Creek,	Hart	Co.
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		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	5	.6	23.8	23.8
	2	4	.5	19.0	42.9
	3	2	.3	9.5	52.4
	5	6	.8	28.6	81.0
	6	1	.1	4.8	85.7
	8	1	.1	4.8	90.5
	10	2	.3	9.5	100.0
	Total	21	2.7	100.0	
Missing	0	756	97.3		
	Total	777	100.0		

		12. Miluare F K.	Ktu Kivel, I	owen/wone Co.	
		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	5	.6	17.9	17.9
	2	6	.8	21.4	39.3
	3	2	.3	7.1	46.4
	4	4	.5	14.3	60.7
	5	5	.6	17.9	78.6
	7	1	.1	3.6	82.1
	10	2	.3	7.1	89.3
	25	1	.1	3.6	92.9
	30	2	.3	7.1	100.0
	Total	28	3.6	100.0	
Missing	0	749	96.4		
	Total	777	100.0		

12. Middle Fk. Red River, Powell/Wolfe Co.

12. Middle Fk., Rockcastle Creek, Martin Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	3	1	.1	33.3	33.3
	4	1	.1	33.3	66.7
	5	1	.1	33.3	100.0
	Total	3	.4	100.0	
Missing	0	774	99.6		
	Total	777	100.0		

12. North Fk. Triplett Creek, Rowan Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	4	.5	40.0	40.0
	2	1	.1	10.0	50.0
	3	3	.4	30.0	80.0
	4	2	.3	20.0	100.0
	Total	10	1.3	100.0	
Missing	0	767	98.7		
	Total	777	100.0		

	12. Otter Creek, Meade Co.						
		Frequency	Percent	Valid Percent	Cum. Percent		
Valid	1	8	1.0	16.0	16.0		
	2	10	1.3	20.0	36.0		
	3	2	.3	4.0	40.0		
	4	5	.6	10.0	50.0		
	5	6	.8	12.0	62.0		
	6	3	.4	6.0	68.0		
	7	1	.1	2.0	70.0		
	8	1	.1	2.0	72.0		
	10	5	.6	10.0	82.0		
	14	2	.3	4.0	86.0		
	15	2	.3	4.0	90.0		
	20	2	.3	4.0	94.0		
	25	1	.1	2.0	96.0		
	30	1	.1	2.0	98.0		
	50	1	.1	2.0	100.0		
	Total	50	6.4	100.0			
Missing	0	727	93.6				
	Total	777	100.0				

12. Parched Corn Creek, Wolfe Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	7	.9	63.6	63.6
	2	2	.3	18.2	81.8
	4	1	.1	9.1	90.9
	5	1	.1	9.1	100.0
	Total	11	1.4	100.0	
Missing	0	766	98.6		
	Total	777	100.0		

12. Peter Creek, Barren Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	4	.5	23.5	23.5
	2	6	.8	35.3	58.8
	3	2	.3	11.8	70.6
	4	1	.1	5.9	76.5
	5	2	.3	11.8	88.2
	6	1	.1	5.9	94.1
	10	1	.1	5.9	100.0
	Total	17	2.2	100.0	
Missing	0	760	97.8		
	Total	777	100.0		

12. Poor Fork, Letcher Co.

		Frequency	Percent	Valid Percent	Cum. Percent	
Valid	1	2	.3	28.6	28.6	
	2	1	.1	14.3	42.9	
	3	2	.3	28.6	71.4	
	5	1	.1	14.3	85.7	
	12	1	.1	14.3	100.0	
	Total	7	.9	100.0		
Missing	0	770	99.1			
	Total	777	100.0			

12. Raven Creek, Harrison Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	4	.5	57.1	57.1
	2	1	.1	14.3	71.4
	3	1	.1	14.3	85.7
	5	1	.1	14.3	100.0
	Total	7	.9	100.0	
Missing	0	770	99.1		
	Total	777	100.0		

12. Right Fork Buffalo Creek, Owsley Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	2	.3	40.0	40.0
	2	2	.3	40.0	80.0
	7	1	.1	20.0	100.0
	Total	5	.6	100.0	
Missing	0	772	99.4		
	Total	777	100.0		

12. Rock Creek, McCreary Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	8	1.0	15.1	15.1
	2	16	2.1	30.2	45.3
	3	7	.9	13.2	58.5
	4	4	.5	7.5	66.0
	5	2	.3	3.8	69.8
	6	2	.3	3.8	73.6
	7	1	.1	1.9	75.5
	8	2	.3	3.8	79.2
	10	3	.4	5.7	84.9
	15	1	.1	1.9	86.8
	20	2	.3	3.8	90.6
	35	2	.3	3.8	94.3
	40	1	.1	1.9	96.2
	70	1	.1	1.9	98.1
	75	1	.1	1.9	100.0
	Total	53	6.8	100.0	
Missing	0	724	93.2		
	Total	777	100.0		

12. Rough Creek, Hardin Co.

	_	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	3	.4	21.4	21.4
	2	1	.1	7.1	28.6
	4	1	.1	7.1	35.7
	5	4	.5	28.6	64.3
	7	1	.1	7.1	71.4
	8	1	.1	7.1	78.6
	10	2	.3	14.3	92.9
	145	1	.1	7.1	100.0
	Total	14	1.8	100.0	
Missing	0	763	98.2		
	Total	777	100.0		

	12. Rough River, Grayson/Onio Co.							
	-	Frequency	Percent	Valid Percent	Cum. Percent			
Valid	1	5	.6	22.7	22.7			
	2	7	.9	31.8	54.5			
	3	2	.3	9.1	63.6			
	4	1	.1	4.5	68.2			
	5	1	.1	4.5	72.7			
	7	1	.1	4.5	77.3			
	10	3	.4	13.6	90.9			
	20	2	.3	9.1	100.0			
	Total	22	2.8	100.0				
Missing	0	755	97.2					
	Total	777	100.0					

12. Rough River, Grayson/Ohio Co.

12. Roundstone Creek, Hart Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	7	.9	46.7	46.7
	2	4	.5	26.7	73.3
	3	1	.1	6.7	80.0
	4	1	.1	6.7	86.7
	6	1	.1	6.7	93.3
	20	1	.1	6.7	100.0
	Total	15	1.9	100.0	
Missing	0	762	98.1		
	Total	777	100.0		

12. Royal Springs, Scott. Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	4	.5	33.3	33.3
	2	4	.5	33.3	66.7
	3	1	.1	8.3	75.0
	10	2	.3	16.7	91.7
	30	1	.1	8.3	100.0
	Total	12	1.5	100.0	
Missing	0	764	98.3		
	Error	1	.1		
	Total	765	98.5		
	Total	777	100.0		

	12. Russen Fork, Fike Co.						
		Frequency	Percent	Valid Percent	Cum. Percent		
Valid	1	1	.1	11.1	11.1		
	2	3	.4	33.3	44.4		
	5	2	.3	22.2	66.7		
	7	1	.1	11.1	77.8		
	10	1	.1	11.1	88.9		
	30	1	.1	11.1	100.0		
	Total	9	1.2	100.0			
Missing	0	768	98.8				
	Total	777	100.0				

12. Russell Fork, Pike Co.

12. Shillalah Creek, Bell Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	3	.4	50.0	50.0
	4	2	.3	33.3	83.3
	5	1	.1	16.7	100.0
	Total	6	.8	100.0	
Missing	0	771	99.2		
	Total	777	100.0		

12. Sinking Creek, Breckinridge Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	11.1	11.1
	2	3	.4	33.3	44.4
	3	1	.1	11.1	55.6
	4	1	.1	11.1	66.7
	5	1	.1	11.1	77.8
	8	1	.1	11.1	88.9
	10	1	.1	11.1	100.0
	Total	9	1.2	100.0	
Missing	0	768	98.8		
	Total	777	100.0		

12. Station Camp Creek, Estill Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	2	3	.4	33.3	33.3
	3	1	.1	11.1	44.4
	6	1	.1	11.1	55.6
	7	1	.1	11.1	66.7
	10	3	.4	33.3	100.0
	Total	9	1.2	100.0	
Missing	0	768	98.8		
	Total	777	100.0		

12. Sturgeon Creek, Lee Co.

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	2	.3	40.0	40.0
	4	1	.1	20.0	60.0
	5	1	.1	20.0	80.0
	20	1	.1	20.0	100.0
	Total	5	.6	100.0	
Missing	0	772	99.4		
	Total	777	100.0		

12. Sulphur Spring Creek, Simpson Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	2	.3	33.3	33.3
	2	1	.1	16.7	50.0
	10	2	.3	33.3	83.3
	75	1	.1	16.7	100.0
	Total	6	.8	100.0	
Missing	0	771	99.2		
	Total	777	100.0		

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	12	1.5	36.4	36.4
	2	6	.8	18.2	54.5
	3	2	.3	6.1	60.6
	4	5	.6	15.2	75.8
	5	4	.5	12.1	87.9
	6	1	.1	3.0	90.9
	10	1	.1	3.0	93.9
	12	1	.1	3.0	97.0
	20	1	.1	3.0	100.0
	Total	33	4.2	100.0	
Missing	0	744	95.8		
	Total	777	100.0		

Frequency Valid Percent Cum. Percent Percent Valid 1 13.5 13.5 5 .6 2 7 .9 32.4 18.9 3 4 .5 10.8 43.2 2 4 .3 5.4 48.6 2 5 .3 5.4 54.1 1 6 .1 2.7 56.8 8 3 8.1 64.9 .4 10 4 10.8 75.7 .5 15 1 .1 2.7 78.4 16 2.7 81.1 1 .1 20 2 86.5 .3 5.4 1 25 2.7 89.2 .1 30 2.7 91.9 1 .1 3 60 8.1 100.0 .4 Total 37 4.8 100.0 740 Missing 0 95.2 Total 777 100.0

12. Trammel Fork, Allen Co.

12. Triplett Creek, Rowan Co.

	-	-			
		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	4	.5	44.4	44.4
	2	2	.3	22.2	66.7
	5	3	.4	33.3	100.0
	Total	9	1.2	100.0	
Missing	0	768	98.8		
	Total	777	100.0		

12. War Fork, Jackson Co.

	_	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	9.1	9.1
	2	1	.1	9.1	18.2
	4	1	.1	9.1	27.3
	5	3	.4	27.3	54.5
	8	1	.1	9.1	63.6
	9	1	.1	9.1	72.7
	10	2	.3	18.2	90.9
	20	1	.1	9.1	100.0
	Total	11	1.4	100.0	
Missing	0	766	98.6		
	Total	777	100.0		

13.	Which of the following best describes your level of satisfaction or dissatisfaction with trout fishing
at River	rs and Streams in the last 12 months.

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Very Dissastisfied	20	2.6	5.2	5.2
	Somewhat Disssatisfied	63	8.1	16.4	21.6
	Neutral	104	13.4	27.1	48.7
	Somewhat Satisfied	138	17.8	35.9	84.6
	Very Satisfied	59	7.6	15.4	100.0
	Total	384	49.4	100.0	
Missing	No Response and Answered Q12	6	.8		
	Error and answered Q12	1	.1		
	System	386	49.7		
	Total	393	50.6		
	Total	777	100.0		

14. About what percentage of you <u>trout fishing time at Rivers and Streams</u> was spent in each of the four seasons? Your best estimate is fine, but the answers should total 100%.

	-	Fall	Spring	Summer	Winter
N	Valid	377	377	377	377
	Missing	400	400	400	400
	Mean	23.29	39.52	28.68	8.51
	Median	25.00	40.00	25.00	.00
	Range	100	100	100	100
	Minimum	0	0	0	0
	Maximum	100	100	100	100
	Sum	8780	14899	10811	3210
Percentiles	25	.00	25.00	.00	.00
	50	25.00	40.00	25.00	.00
	75	37.50	50.00	50.00	10.00

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	59	7.6	15.6	15.6
	5	2	.3	.5	16.2
	10	7	.9	1.9	18.0
	15	4	.5	1.1	19.1
	20	20	2.6	5.3	24.4
	25	50	6.4	13.3	37.7
	27	1	.1	.3	37.9
	29	1	.1	.3	38.2
	30	33	4.2	8.8	46.9
	33	3	.4	.8	47.7
	34	2	.3	.5	48.3
	35	5	.6	1.3	49.6
	40	30	3.9	8.0	57.6
	45	1	.1	.3	57.8
	50	81	10.4	21.5	79.3
	56	1	.1	.3	79.6
	60	14	1.8	3.7	83.3
	70	7	.9	1.9	85.1
	72	1	.1	.3	85.4
	75	17	2.2	4.5	89.9
	80	4	.5	1.1	91.0
	85	1	.1	.3	91.2
	95	2	.3	.5	91.8
	99	2	.3	.5	92.3
	100	29	3.7	7.7	100.0
	Total	377	48.5	100.0	
Missing	System	400	51.5		
	Total	777	100.0		

14. Percentage of trout fishing time in Rivers and Streams: Spring

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	108	13.9	28.6	28.6
	1	2	.3	.5	29.2
	5	7	.9	1.9	31.0
	10	29	3.7	7.7	38.7
	13	1	.1	.3	39.0
	15	4	.5	1.1	40.1
	20	32	4.1	8.5	48.5
	22	1	.1	.3	48.8
	24	1	.1	.3	49.1
	25	43	5.5	11.4	60.5
	30	15	1.9	4.0	64.5
	33	3	.4	.8	65.3
	34	1	.1	.3	65.5
	35	4	.5	1.1	66.6
	36	1	.1	.3	66.8
	40	18	2.3	4.8	71.6
	50	59	7.6	15.6	87.3
	60	3	.4	.8	88.1
	65	1	.1	.3	88.3
	70	5	.6	1.3	89.7
	75	7	.9	1.9	91.5
	80	3	.4	.8	92.3
	85	1	.1	.3	92.6
	90	2	.3	.5	93.1
	96	1	.1	.3	93.4
	100	25	3.2	6.6	100.0
	Total	377	48.5	100.0	
Missing	System	400	51.5		
	Total	777	100.0		

14. Percentage of trout fishing time in Rivers and Streams: Summer

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	117	15.1	31.0	31.0
	4	2	.3	.5	31.6
	5	7	.9	1.9	33.4
	10	19	2.4	5.0	38.5
	11	1	.1	.3	38.7
	15	3	.4	.8	39.5
	20	24	3.1	6.4	45.9
	21	1	.1	.3	46.2
	25	58	7.5	15.4	61.5
	28	1	.1	.3	61.8
	30	41	5.3	10.9	72.7
	33	3	.4	.8	73.5
	34	2	.3	.5	74.0
	35	4	.5	1.1	75.1
	40	31	4.0	8.2	83.3
	50	45	5.8	11.9	95.2
	55	1	.1	.3	95.5
	60	2	.3	.5	96.0
	70	3	.4	.8	96.8
	75	2	.3	.5	97.3
	80	2	.3	.5	97.9
	90	1	.1	.3	98.1
	100	7	.9	1.9	100.0
	Total	377	48.5	100.0	
Missing	System	400	51.5		
	Total	777	100.0		

14. Percentage of trout fishing time in Rivers and Streams: Fall

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	255	32.8	67.6	67.6
	5	7	.9	1.9	69.5
	10	35	4.5	9.3	78.8
	11	1	.1	.3	79.0
	14	1	.1	.3	79.3
	15	4	.5	1.1	80.4
	20	16	2.1	4.2	84.6
	25	23	3.0	6.1	90.7
	30	5	.6	1.3	92.0
	32	1	.1	.3	92.3
	33	1	.1	.3	92.6
	35	1	.1	.3	92.8
	40	3	.4	.8	93.6
	50	15	1.9	4.0	97.6
	55	1	.1	.3	97.9
	60	2	.3	.5	98.4
	70	1	.1	.3	98.7
	80	1	.1	.3	98.9
	100	4	.5	1.1	100.0
	Total	377	48.5	100.0	
Missing	System	400	51.5		
	Total	777	100.0		

14. Percentage of trout fishing time in Rivers and Streams: Winter

15. Prior to receiving this survey, were you aware of the Seasonal Catch and Release Streams Program?

1	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	No	331	42.6	46.0	46.0
	Yes	389	50.1	54.0	100.0
	Total	720	92.7	100.0	
Missing	No Response	56	7.2		
	Error	1	.1		
	Total	57	7.3		
	Total	777	100.0		

16. About how many days did you fish <u>for trout</u> during the <u>Seasonal Catch and Release</u> period at each of the following rivers and streams in the last 12 months?

		Bark Camp Creek, Whitley Co.	Beaver Creek, Wayne Co.	Big Bone Creek, Boone Co.	Cane Creek, Laurel Co.	Casey Creek, Trigg Co.	Clear Creek, Bell Co.	East Fork Indian Creek, Menifee Co.	Elk Spring Creek, Wayne Co.
N	Valid	7	2	16	6	4	4	24	0
	Missing	770	775	761	771	773	773	753	777
	Mean	8.29	11.00	15.00	2.67	7.50	3.25	3.58	
	Median	10.00	11.00	4.00	1.00	4.00	2.50	2.00	
	Range	19	18	99	9	18	6	14	
	Minimum	1	2	1	1	2	1	1	
	Maximum	20	20	100	10	20	7	15	
	Sum	58	22	240	16	30	13	86	
Percentiles	25	2.00	2.00	2.00	1.00	2.00	1.25	1.00	
	50	10.00	11.00	4.00	1.00	4.00	2.50	2.00	
	75	12.00	20.00	13.75	4.00	16.50	6.00	4.00	

		Left Fork Beaver Creek, Floyd Co.	Middle Fk. Red River, Powell/ Wolfe Co.	Otter Creek, Meade Co.	Rock Creek, McCreary Co.	Swift Camp Creek, Wolfe Co.
Ν	Valid	2	11	33	27	20
	Missing	775	766	744	750	757
	Mean	3.00	5.73	7.97	4.74	3.85
	Median	3.00	3.00	4.00	2.00	3.00
	Range	2	14	49	19	14
	Minimum	2	1	1	1	1
	Maximum	4	15	50	20	15
	Sum	6	63	263	128	77
Percentiles	25	2.00	2.00	2.00	2.00	1.25
	50	3.00	3.00	4.00	2.00	3.00
	75	4.00	10.00	10.00	5.00	4.75

16. Bark Camp Creek, Whitley Co.

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	14.3	14.3
	2	1	.1	14.3	28.6
	3	1	.1	14.3	42.9
	10	2	.3	28.6	71.4
	12	1	.1	14.3	85.7
	20	1	.1	14.3	100.0
	Total	7	.9	100.0	
Missing	0	770	99.1		
	Total	777	100.0		

16. Beaver Creek, Wayne Co.

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	2	1	.1	50.0	50.0
	20	1	.1	50.0	100.0
	Total	2	.3	100.0	
Missing	0	775	99.7		
	Total	777	100.0		

16. Big Bone Creek, Boone Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	3	.4	18.8	18.8
	2	3	.4	18.8	37.5
	3	2	.3	12.5	50.0
	5	2	.3	12.5	62.5
	10	2	.3	12.5	75.0
	15	1	.1	6.3	81.3
	30	1	.1	6.3	87.5
	50	1	.1	6.3	93.8
	100	1	.1	6.3	100.0
	Total	16	2.1	100.0	
Missing	0	761	97.9		
	Total	777	100.0		

16. Cane Creek, Laurel Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	4	.5	66.7	66.7
	2	1	.1	16.7	83.3
	10	1	.1	16.7	100.0
	Total	6	.8	100.0	
Missing	0	771	99.2		
	Total	777	100.0		

16. Casey Creek, Trigg Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	2	2	.3	50.0	50.0
	6	1	.1	25.0	75.0
	20	1	.1	25.0	100.0
	Total	4	.5	100.0	
Missing	0	773	99.5		
	Total	777	100.0		

16. Clear Creek, Bell Co.

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	25.0	25.0
	2	1	.1	25.0	50.0
	3	1	.1	25.0	75.0
	7	1	.1	25.0	100.0
	Total	4	.5	100.0	
Missing	0	773	99.5		
	Total	777	100.0		

16. East Fork Indian Creek, Menifee Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	9	1.2	37.5	37.5
	2	5	.6	20.8	58.3
	3	3	.4	12.5	70.8
	4	2	.3	8.3	79.2
	5	1	.1	4.2	83.3
	10	3	.4	12.5	95.8
	15	1	.1	4.2	100.0
	Total	24	3.1	100.0	
Missing	0	753	96.9		
	Total	777	100.0		

## 16. Elk Spring Creek, Wayne Co.

	-	Frequency	Percent
Missing	0	777	100.0

# 16. Left Fork Beaver Creek, Floyd Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	2	1	.1	50.0	50.0
	4	1	.1	50.0	100.0
	Total	2	.3	100.0	
Missing	0	775	99.7		
	Total	777	100.0		

10. Mildule FK. Ked Kiver, Fowell/Wolle Co.	16. Middle Fk. Red Riv	er, Powell/Wolfe Co.
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-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	9.1	9.1
	2	4	.5	36.4	45.5
	3	1	.1	9.1	54.5
	4	1	.1	9.1	63.6
	7	1	.1	9.1	72.7
	10	1	.1	9.1	81.8
	15	2	.3	18.2	100.0
	Total	11	1.4	100.0	
Missing	0	766	98.6		
	Total	777	100.0		

Frequency Valid Percent Percent Cum. Percent Valid 1 12.1 12.1 4 .5 2 8 1.0 24.2 36.4 3 3 9.1 45.5 .4 4 4 .5 12.1 57.6 2 5 .3 6.1 63.6 8 1 .1 3.0 66.7 10 6 .8 18.2 84.8 15 2 90.9 .3 6.1 93.9 20 1 .1 3.0 97.0 40 3.0 1 .1 50 3.0 100.0 1 .1 Total 33 4.2 100.0 Missing 0 744 95.8 Total 777 100.0

16. Otter Creek, Meade Co.

16. Rock Creek, McCreary Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	3	.4	11.1	11.1
	2	11	1.4	40.7	51.9
	3	3	.4	11.1	63.0
	4	2	.3	7.4	70.4
	5	2	.3	7.4	77.8
	6	1	.1	3.7	81.5
	10	3	.4	11.1	92.6
	20	2	.3	7.4	100.0
	Total	27	3.5	100.0	
Missing	0	750	96.5		
	Total	777	100.0		

16. Swift Camp Creek, Wolfe Co.

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	5	.6	25.0	25.0
	2	4	.5	20.0	45.0
	3	5	.6	25.0	70.0
	4	1	.1	5.0	75.0
	5	2	.3	10.0	85.0
	10	2	.3	10.0	95.0
	15	1	.1	5.0	100.0
	Total	20	2.6	100.0	
Missing	0	757	97.4		
	Total	777	100.0		

17. Which of the following best describes your level of satisfaction or dissatisfaction with trout fishing at Seasonal Catch and Release Streams.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Very Dissastisfied	4	.5	3.7	3.7
	Somewhat Disssatisfied	18	2.3	16.5	20.2
	Neutral	36	4.6	33.0	53.2
	Somewhat Satisfied	36	4.6	33.0	86.2
	Very Satisfied	15	1.9	13.8	100.0
	Total	109	14.0	100.0	
Missing	No Response and answered Q16	1	.1		
	System	667	85.8		
	Total	668	86.0		
	Total	777	100.0		

18. About what percentage of your <u>trout fishing time at the Seasonal Catch and Release rivers and streams</u> during this period was spent in each of the six months?

		October 2012	November 2012	December 2012	January 2013	February 2013	March 2013
N	Valid	101	101	101	101	101	101
	Missing	676	676	676	676	676	676
	Mean	28.22	16.05	6.92	5.33	8.02	35.47
	Median	25.00	.00	.00	.00	.00	25.00
	Range	100	100	100	60	100	100
	Minimum	0	0	0	0	0	0
	Maximum	100	100	100	60	100	100
	Sum	2850	1621	699	538	810	3582
Percentiles	25	.00	.00	.00	.00	.00	.00
	50	25.00	.00	.00	.00	.00	25.00
	75	50.00	25.00	10.00	.00	10.00	50.00

		10.	October 2012		
	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	36	4.6	35.6	35.6
	4	1	.1	1.0	36.6
	5	1	.1	1.0	37.6
	10	4	.5	4.0	41.6
	15	3	.4	3.0	44.6
	20	4	.5	4.0	48.5
	25	9	1.2	8.9	57.4
	30	7	.9	6.9	64.4
	33	2	.3	2.0	66.3
	40	7	.9	6.9	73.3
	50	14	1.8	13.9	87.1
	60	1	.1	1.0	88.1
	75	1	.1	1.0	89.1
	80	2	.3	2.0	91.1
	100	9	1.2	8.9	100.0
	Total	101	13.0	100.0	
Missing	System	676	87.0		
	Total	777	100.0		

18. October 2012

10	November 2012	
10.	INOVEILIDEL 2012	

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	54	6.9	53.5	53.5
	4	1	.1	1.0	54.5
	10	6	.8	5.9	60.4
	15	2	.3	2.0	62.4
	20	12	1.5	11.9	74.3
	25	6	.8	5.9	80.2
	30	6	.8	5.9	86.1
	33	1	.1	1.0	87.1
	34	1	.1	1.0	88.1
	40	1	.1	1.0	89.1
	50	5	.6	5.0	94.1
	100	6	.8	5.9	100.0
	Total	101	13.0	100.0	
Missing	System	676	87.0		
	Total	777	100.0		

	<b>18. December 2012</b>							
	-	Frequency	Percent	Valid Percent	Cum. Percent			
Valid	0	75	9.7	74.3	74.3			
	10	10	1.3	9.9	84.2			
	20	6	.8	5.9	90.1			
	25	6	.8	5.9	96.0			
	29	1	.1	1.0	97.0			
	100	3	.4	3.0	100.0			
	Total	101	13.0	100.0				
Missing	System	676	87.0					
	Total	777	100.0					

		10.	January 2013	3	
	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	78	10.0	77.2	77.2
	5	3	.4	3.0	80.2
	10	4	.5	4.0	84.2
	15	1	.1	1.0	85.1
	20	5	.6	5.0	90.1
	25	4	.5	4.0	94.1
	30	1	.1	1.0	95.0
	38	1	.1	1.0	96.0
	40	1	.1	1.0	97.0
	50	2	.3	2.0	99.0
	60	1	.1	1.0	100.0
	Total	101	13.0	100.0	
Missing	System	676	87.0		
	Total	777	100.0		

18. January 2013

		10.1	rebruary 201		
		Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	64	8.2	63.4	63.4
	5	3	.4	3.0	66.3
	10	10	1.3	9.9	76.2
	15	1	.1	1.0	77.2
	20	11	1.4	10.9	88.1
	25	6	.8	5.9	94.1
	30	1	.1	1.0	95.0
	40	2	.3	2.0	97.0
	50	2	.3	2.0	99.0
	100	1	.1	1.0	100.0
	Total	101	13.0	100.0	
Missing	System	676	87.0		
	Total	777	100.0		

18. February 2013

		10	. March 2013		
	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	33	4.2	32.7	32.7
	10	5	.6	5.0	37.6
	15	1	.1	1.0	38.6
	20	10	1.3	9.9	48.5
	25	4	.5	4.0	52.5
	30	4	.5	4.0	56.4
	33	1	.1	1.0	57.4
	34	1	.1	1.0	58.4
	40	3	.4	3.0	61.4
	50	17	2.2	16.8	78.2
	60	2	.3	2.0	80.2
	75	1	.1	1.0	81.2
	80	1	.1	1.0	82.2
	90	1	.1	1.0	83.2
	95	1	.1	1.0	84.2
	100	16	2.1	15.8	100.0
	Total	101	13.0	100.0	
Missing	System	676	87.0		
	Total	777	100.0		

18. March 2013

19. About how many days did you fish for trout at each of the following <u>Tailwaters Below Dams</u> in the last 12 months?

		Buckhorn Tailwater	Carr Creek Tailwater	Cave Run Tailwater	Cumberland Tailwater	Dewey Tailwater	Fishtrap Tailwater	Grayson Tailwater	Herrington Tailwater
N	Valid	10	18	39	297	9	11	20	51
	Missing	767	759	738	480	768	766	757	726
	Mean	4.80	7.06	6.21	11.14	4.89	10.55	6.20	9.24
	Median	4.00	5.50	3.00	7.00	5.00	5.00	2.50	5.00
	Range	9	29	29	99	9	39	39	99
	Minimum	1	1	1	1	1	1	1	1
	Maximum	10	30	30	100	10	40	40	100
	Sum	48	127	242	3310	44	116	124	471
Percentiles	25	1.75	2.00	2.00	3.00	1.50	1.00	1.00	2.00
	50	4.00	5.50	3.00	7.00	5.00	5.00	2.50	5.00
	75	7.75	8.50	7.00	15.00	8.50	12.00	5.00	12.00

	-	Laurel River Tailwater	Martins Fork Tailwater	Nolin River Tailwater	Paintsville Tailwater	Rough River Tailwater	Taylorsville Tailwater	Yatesville Tailwater
N	Valid	28	9	49	29	23	37	10
	Missing	749	768	728	748	754	740	767
	Mean	6.46	33.78	8.24	9.90	5.74	4.14	12.10
	Median	5.00	15.00	2.00	4.00	2.00	3.00	8.50
	Range	19	99	119	59	29	14	39
	Minimum	1	1	1	1	1	1	1
	Maximum	20	100	120	60	30	15	40
	Sum	181	304	404	287	132	153	121
Percentiles	25	2.25	2.50	1.50	2.00	1.00	1.50	4.50
	50	5.00	15.00	2.00	4.00	2.00	3.00	8.50
	75	10.00	80.00	5.00	14.50	10.00	5.50	15.00

## 19. Buckhorn Tailwater

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	2	.3	20.0	20.0
	2	2	.3	20.0	40.0
	3	1	.1	10.0	50.0
	5	1	.1	10.0	60.0
	7	2	.3	20.0	80.0
	10	2	.3	20.0	100.0
	Total	10	1.3	100.0	
Missing	0	767	98.7		
	Total	777	100.0		

		19. Ca	гг Стеек Тап	Iwatel	
		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	3	.4	16.7	16.7
	2	4	.5	22.2	38.9
	3	1	.1	5.6	44.4
	5	1	.1	5.6	50.0
	6	4	.5	22.2	72.2
	8	1	.1	5.6	77.8
	10	1	.1	5.6	83.3
	11	1	.1	5.6	88.9
	25	1	.1	5.6	94.4
	30	1	.1	5.6	100.0
	Total	18	2.3	100.0	
Missing	0	759	97.7		
	Total	777	100.0		

19	Carr	Creek	Tailwater
12.	Carr	CIECK	1 an water

<b></b>	_	1	ave Run Tally		Com Domont
	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	9	1.2	23.1	23.1
	2	8	1.0	20.5	43.6
	3	6	.8	15.4	59.0
	4	2	.3	5.1	64.1
	5	3	.4	7.7	71.8
	6	1	.1	2.6	74.4
	7	1	.1	2.6	76.9
	8	1	.1	2.6	79.5
	10	2	.3	5.1	84.6
	15	1	.1	2.6	87.2
	20	3	.4	7.7	94.9
	30	2	.3	5.1	100.0
	Total	39	5.0	100.0	
Missing	0	738	95.0		
	Total	777	100.0		

19. Cave Run Tailwater

-	19. Cumberland Tailwater						
		Frequency	Percent	Valid Percent	Cum. Percent		
Valid	1	25	3.2	8.4	8.4		
	2	39	5.0	13.1	21.5		
	3	28	3.6	9.4	31.0		
	4	18	2.3	6.1	37.0		
	5	28	3.6	9.4	46.5		
	6	10	1.3	3.4	49.8		
	7	10	1.3	3.4	53.2		
	8	8	1.0	2.7	55.9		
	9	4	.5	1.3	57.2		
	10	34	4.4	11.4	68.7		
	12	10	1.3	3.4	72.1		
	14	2	.3	.7	72.7		
	15	21	2.7	7.1	79.8		
	17	2	.3	.7	80.5		
	18	1	.1	.3	80.8		
	20	21	2.7	7.1	87.9		
	22	1	.1	.3	88.2		
	23	1	.1	.3	88.6		
	24	1	.1	.3	88.9		
	25	3	.4	1.0	89.9		
	29	1	.1	.3	90.2		
	30	11	1.4	3.7	93.9		
	31	1	.1	.3	94.3		
	35	1	.1	.3	94.6		
	40	5	.6	1.7	96.3		
	42	1	.1	.3	96.6		
	45	1	.1	.3	97.0		
	50	4	.5	1.3	98.3		
	60	3	.4	1.0	99.3		
	70	1	.1	.3	99.7		
	100	1	.1	.3	100.0		
	Total	297	38.2	100.0			
Missing	0	480	61.8				
	Total	777	100.0				

19. Cumberland Tailwater

	19. Dewey Tailwater						
		Frequency	Percent	Valid Percent	Cum. Percent		
Valid	1	2	.3	22.2	22.2		
	2	2	.3	22.2	44.4		
	5	1	.1	11.1	55.6		
	6	1	.1	11.1	66.7		
	7	1	.1	11.1	77.8		
	10	2	.3	22.2	100.0		
	Total	9	1.2	100.0			
Missing	0	768	98.8				
	Total	777	100.0				

19. Fishtrap Tailwater

-	-	-	ishti ap Tanw		
		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	3	.4	27.3	27.3
	3	2	.3	18.2	45.5
	5	1	.1	9.1	54.5
	10	2	.3	18.2	72.7
	12	1	.1	9.1	81.8
	30	1	.1	9.1	90.9
	40	1	.1	9.1	100.0
	Total	11	1.4	100.0	
Missing	0	766	98.6		
	Total	777	100.0		

	19. Grayson Tailwater						
1		Frequency	Percent	Valid Percent	Cum. Percent		
Valid	1	6	.8	30.0	30.0		
	2	4	.5	20.0	50.0		
	3	2	.3	10.0	60.0		
	4	1	.1	5.0	65.0		
	5	3	.4	15.0	80.0		
	10	1	.1	5.0	85.0		
	15	1	.1	5.0	90.0		
	20	1	.1	5.0	95.0		
	40	1	.1	5.0	100.0		
	Total	20	2.6	100.0			
Missing	0	757	97.4				
	Total	777	100.0				

19. Herrington Tailwater						
-	-	Frequency	Percent	Valid Percent	Cum. Percent	
Valid	1	8	1.0	15.7	15.7	
	2	10	1.3	19.6	35.3	
	3	3	.4	5.9	41.2	
	4	4	.5	7.8	49.0	
	5	5	.6	9.8	58.8	
	6	4	.5	7.8	66.7	
	7	1	.1	2.0	68.6	
	10	3	.4	5.9	74.5	
	12	2	.3	3.9	78.4	
	15	2	.3	3.9	82.4	
	18	1	.1	2.0	84.3	
	20	5	.6	9.8	94.1	
	30	2	.3	3.9	98.0	
	100	1	.1	2.0	100.0	
	Total	51	6.6	100.0		
Missing	0	726	93.4			
	Total	777	100.0			

19. Herrington Tailwater

#### 19. Laurel River Tailwater

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	3	.4	10.7	10.7
	2	4	.5	14.3	25.0
	3	4	.5	14.3	39.3
	4	2	.3	7.1	46.4
	5	6	.8	21.4	67.9
	10	6	.8	21.4	89.3
	20	3	.4	10.7	100.0
	Total	28	3.6	100.0	
Missing	0	749	96.4		
	Total	777	100.0		

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	11.1	11.1
	2	1	.1	11.1	22.2
	3	2	.3	22.2	44.4
	15	1	.1	11.1	55.6
	20	1	.1	11.1	66.7
	80	2	.3	22.2	88.9
	100	1	.1	11.1	100.0
	Total	9	1.2	100.0	
Missing	0	768	98.8		
	Total	777	100.0		

	19. Nolin River Tailwater						
	-	Frequency	Percent	Valid Percent	Cum. Percent		
Valid	1	12	1.5	24.5	24.5		
	2	13	1.7	26.5	51.0		
	3	2	.3	4.1	55.1		
	4	5	.6	10.2	65.3		
	5	7	.9	14.3	79.6		
	7	1	.1	2.0	81.6		
	10	3	.4	6.1	87.8		
	12	1	.1	2.0	89.8		
	16	1	.1	2.0	91.8		
	20	2	.3	4.1	95.9		
	80	1	.1	2.0	98.0		
	120	1	.1	2.0	100.0		
	Total	49	6.3	100.0			
Missing	0	728	93.7				
	Total	777	100.0				

19. Paintsvine Tanwater						
		Frequency	Percent	Valid Percent	Cum. Percent	
Valid	1	6	.8	20.7	20.7	
	2	6	.8	20.7	41.4	
	3	2	.3	6.9	48.3	
	4	1	.1	3.4	51.7	
	5	2	.3	6.9	58.6	
	10	4	.5	13.8	72.4	
	14	1	.1	3.4	75.9	
	15	1	.1	3.4	79.3	
	20	3	.4	10.3	89.7	
	30	2	.3	6.9	96.6	
	60	1	.1	3.4	100.0	
	Total	29	3.7	100.0		
Missing	0	748	96.3			
	Total	777	100.0			

19. Paintsville Tailwater

	19. Rough River Tailwater						
	-	Frequency	Percent	Valid Percent	Cum. Percent		
Valid	1	7	.9	30.4	30.4		
	2	5	.6	21.7	52.2		
	4	1	.1	4.3	56.5		
	5	2	.3	8.7	65.2		
	7	1	.1	4.3	69.6		
	8	1	.1	4.3	73.9		
	10	4	.5	17.4	91.3		
	16	1	.1	4.3	95.7		
	30	1	.1	4.3	100.0		
	Total	23	3.0	100.0			
Missing	0	754	97.0				
	Total	777	100.0				

19. Taylorsville Tailwater

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	9	1.2	24.3	24.3
	2	9	1.2	24.3	48.6
	3	5	.6	13.5	62.2
	4	1	.1	2.7	64.9
	5	4	.5	10.8	75.7
	6	3	.4	8.1	83.8
	7	1	.1	2.7	86.5
	10	2	.3	5.4	91.9
	12	1	.1	2.7	94.6
	15	2	.3	5.4	100.0
	Total	37	4.8	100.0	
Missing	0	740	95.2		
	Total	777	100.0		

19. Yatesville Tailwater

_	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	10.0	10.0
	3	1	.1	10.0	20.0
	5	2	.3	20.0	40.0
	7	1	.1	10.0	50.0
	10	3	.4	30.0	80.0
	30	1	.1	10.0	90.0
	40	1	.1	10.0	100.0
	Total	10	1.3	100.0	
Missing	0	767	98.7		
	Total	777	100.0		

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Very Dissastisfied	25	3.2	5.8	5.8
	Somewhat Disssatisfied	63	8.1	14.6	20.4
	Neutral	91	11.7	21.1	41.5
	Somewhat Satisfied	171	22.0	39.7	81.2
	Very Satisfied	81	10.4	18.8	100.0
	Total	431	55.5	100.0	
Missing	No response and answered Q19	4	.5		
	System	342	44.0		
	Total	346	44.5		
	Total	777	100.0		

20. Which of the following best describes your level of satisfaction or dissatisfaction with trout fishing at Tailwaters in the last 12 months.

21. About what percentage of your trout fishing time at Tailwaters Below Dams was spent in each of the four seasons?

	-	Spring	Summer	Fall	Winter
Ν	Valid	423	423	423	423
	Missing	354	354	354	354
	Mean	37.06	32.48	22.17	8.30
	Median	30.00	25.00	20.00	.00
	Range	100	100	100	100
	Minimum	0	0	0	0
	Maximum	100	100	100	100
	Sum	15677	13738	9376	3509
Percentiles	25	10.00	.00	.00	.00
	50	30.00	25.00	20.00	.00
	75	50.00	50.00	40.00	10.00

	21. Spring						
	-	Frequency	Percent	Valid Percent	Cum. Percent		
Valid	0	96	12.4	22.7	22.7		
	1	2	.3	.5	23.2		
	5	2	.3	.5	23.6		
	10	13	1.7	3.1	26.7		
	13	1	.1	.2	27.0		
	15	3	.4	.7	27.7		
	20	18	2.3	4.3	31.9		
	22	1	.1	.2	32.2		
	25	48	6.2	11.3	43.5		
	29	1	.1	.2	43.7		
	30	35	4.5	8.3	52.0		
	33	5	.6	1.2	53.2		
	34	1	.1	.2	53.4		
	35	3	.4	.7	54.1		
	40	18	2.3	4.3	58.4		
	45	1	.1	.2	58.6		
	50	102	13.1	24.1	82.7		
	60	7	.9	1.7	84.4		
	67	1	.1	.2	84.6		
	70	2	.3	.5	85.1		
	75	7	.9	1.7	86.8		
	80	3	.4	.7	87.5		
	90	4	.5	.9	88.4		
	95	1	.1	.2	88.7		
	100	48	6.2	11.3	100.0		
	Total	423	54.4	100.0			
Missing	System	354	45.6				
	Total	777	100.0				

21. Spring

21. Summer											
	-	Frequency	Percent	Valid Percent	Cum. Percent						
Valid	0	132	17.0	31.2	31.2						
	1	1	.1	.2	31.4						
	5	1	.1	.2	31.7						
	10	17	2.2	4.0	35.7						
	15	1	.1	.2	35.9						
	20	33	4.2	7.8	43.7						
	22	1	.1	.2	44.0						
	23	1	.1	.2	44.2						
	25	46	5.9	10.9	55.1						
	30	16	2.1	3.8	58.9						
	33	5	.6	1.2	60.0						
	34	2	.3	.5	60.5						
	35	2	.3	.5	61.0						
	40	25	3.2	5.9	66.9						
	45	1	.1	.2	67.1						
	50	66	8.5	15.6	82.7						
	60	6	.8	1.4	84.2						
	70	6	.8	1.4	85.6						
	75	6	.8	1.4	87.0						
	80	6	.8	1.4	88.4						
	90	4	.5	.9	89.4						
	95	1	.1	.2	89.6						
	99	1	.1	.2	89.8						
	100	43	5.5	10.2	100.0						
	Total	423	54.4	100.0							
Missing	System	354	45.6								
	Total	777	100.0								

21. Summer

			21. Fall		
		Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	167	21.5	39.5	39.5
	10	20	2.6	4.7	44.2
	15	2	.3	.5	44.7
	20	27	3.5	6.4	51.1
	22	1	.1	.2	51.3
	25	55	7.1	13.0	64.3
	28	1	.1	.2	64.5
30	30	31	4.0	7.3	71.9
	32	1	.1	.2	72.1
	33	4	.5	.9	73.0
	34	2	.3	.5	73.5
	35	2	.3	.5	74.0
	40	27	3.5	6.4	80.4
	45	3	.4	.7	81.1
	49	1	.1	.2	81.3
	50	60	7.7	14.2	95.5
	60	2	.3	.5	96.0
	70	2	.3	.5	96.5
	75	3	.4	.7	97.2
	100	12	1.5	2.8	100.0
	Total	423	54.4	100.0	
Missing	System	354	45.6		
	Total	777	100.0		

21. Fall

			21. Winter		
	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	306	39.4	72.3	72.3
	5	6	.8	1.4	73.8
	10	32	4.1	7.6	81.3
	12	1	.1	.2	81.6
	15	3	.4	.7	82.3
	20	12	1.5	2.8	85.1
	25	26	3.3	6.1	91.3
	30	3	.4	.7	92.0
	34	2	.3	.5	92.4
	40	2	.3	.5	92.9
	49	1	.1	.2	93.1
	50	17	2.2	4.0	97.2
	60	2	.3	.5	97.6
	75	1	.1	.2	97.9
	80	1	.1	.2	98.1
	100	8	1.0	1.9	100.0
	Total	423	54.4	100.0	
Missing	System	354	45.6		
	Total	777	100.0		

22. Prior to receiving this survey, were you aware of the FINS Program?

_	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	No	326	42.0	44.5	44.5
	Yes	407	52.4	55.5	100.0
	Total	733	94.3	100.0	
Missing	No Response	44	5.7		
	Total	777	100.0		

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23. About how many days did you fish for trout at each of the following FINS Lakes in the last 12 months?

		Anderson Co. Park, Anderson Co.	Bloomfield Park, Nelson Co.	Bob Noble Park Lake, McCracken Co.	Brickyard Pond, Knox Co.	Camp Ernst Lake, Boone Co.	· · · · · · · · · · · · · · · · · · ·	Dickerson Lake, Meade Co.	Easy Walker Park, Montgomery Co.
Ν	Valid	7	6	2	8	35	17	5	1
	Missing	770	771	775	769	742	760	772	776
	Mean	14.00	6.83	3.00	13.88	9.97	15.00	12.00	1.00
	Median	5.00	5.00	3.00	10.00	5.00	2.00	5.00	1.00
	Range	58	14	2	39	59	199	29	0
	Minimum	2	1	2	1	1	1	1	1
	Maximum	60	15	4	40	60	200	30	1
	Sum	98	41	6	111	349	255	60	1
Percentiles	25	3.00	4.00	2.00	1.75	2.00	1.50	2.50	1.00
	50	5.00	5.00	3.00	10.00	5.00	2.00	5.00	1.00
	75	20.00	11.25	4.00	23.75	12.00	6.00	25.00	1.00

		Fisherman's Park #3&4, Jefferson Co.	Jacobson Park Lake, Fayette Co.	James D. Beville Park, Grayson Co.	Kingdom Come Lake, Harlan Co.	Lake Mingo, Jessamine Co.	Lake Pollywog, Grant Co.	Lower Sportsman's Lake, Franklin Co.
N	Valid	21	24	1	4	6	7	11
	Missing	756	753	776	773	771	770	766
	Mean	5.62	6.88	6.00	4.25	4.50	10.00	7.73
	Median	3.00	3.00	6.00	3.00	4.00	10.00	5.00
	Range	24	49	0	9	9	24	19
	Minimum	1	1	6	1	1	1	1
	Maximum	25	50	6	10	10	25	20
	Sum	118	165	6	17	27	70	85
Percentiles	25	1.50	1.25	6.00	1.25	1.75	1.00	2.00
	50	3.00	3.00	6.00	3.00	4.00	10.00	5.00
	75	7.50	8.75	6.00	8.50	7.00	15.00	15.00

		Lusby Lake, Scott Co.	Madisonville Park Lake, Hopkins Co.	Martin Co. Lake (Milo), Martin Co.	Middleton Mills Park Ponds, Kenton Co.	Mike Miller Park Lake, Marshall Co.	Miles Park Lake #4, Jefferson Co.	Millennium Park Pond, Boyle Co.
N	Valid	8	3	3	24	2	27	7
	Missing	769	774	774	753	775	750	770
	Mean	8.00	2.67	9.00	14.08	1.50	9.11	10.57
	Median	7.50	2.00	1.00	8.50	1.50	4.00	6.00
	Range	18	2	24	89	1	99	38
	Minimum	2	2	1	1	1	1	2
	Maximum	20	4	25	90	2	100	40
	Sum	64	8	27	338	3	246	74
Percentiles	25	2.25	2.00	1.00	2.25	1.00	2.00	3.00
	50	7.50	2.00	1.00	8.50	1.50	4.00	6.00
	75	11.50	4.00	25.00	10.00	2.00	10.00	10.00

		Panther Creek Park Lake, Daviess Co.	Prisoner's Lake, Kenton Co.	Scott Co. Park Lake, Scott Co.	Southgate Lake, Campbell Co.	Stein Comm. Park Lake, Campbell Co.	Three Springs Lake, Warren Co.	Tom Wallace Park Lake, Jefferson Co.
Ν	Valid	9	29	15	14	19	13	24
	Missing	768	748	762	763	758	764	753
	Mean	7.44	5.62	6.80	16.79	20.00	10.69	5.75
	Median	5.00	4.00	5.00	4.50	10.00	3.00	3.00
	Range	18	19	24	119	119	43	29
	Minimum	2	1	1	1	1	2	1
	Maximum	20	20	25	120	120	45	30
	Sum	67	163	102	235	380	139	138
Percentiles	25	2.50	1.50	2.00	3.00	3.00	2.00	1.00
	50	5.00	4.00	5.00	4.50	10.00	3.00	3.00
	75	10.00	10.00	10.00	22.50	20.00	12.50	8.75

	-	Upper Sportsman's Lake, Franklin Co.	Watterson Park Lake, Jefferson Co.	Waverly Park Lake, Jefferson Co.	Waymond Morris Park, Daviess Co.	Whitehall Park Lake, Madison Co.	Yellow Creek Park Lake, Daviess Co.
N	Valid	15	8	24	7	17	9
	Missing	762	769	753	770	760	768
	Mean	6.20	9.13	12.33	7.00	12.12	5.67
	Median	4.00	6.00	8.50	4.00	5.00	2.00
	Range	29	25	44	13	79	29
	Minimum	1	1	1	2	1	1
	Maximum	30	26	45	15	80	30
	Sum	93	73	296	49	206	51
Percentiles	25	2.00	1.00	1.25	2.00	1.50	1.50
	50	4.00	6.00	8.50	4.00	5.00	2.00
	75	7.00	19.00	22.50	12.00	15.00	5.50

23. Anderson Co. Park, Anderson Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	2	1	.1	14.3	14.3
	3	2	.3	28.6	42.9
	5	2	.3	28.6	71.4
	20	1	.1	14.3	85.7
	60	1	.1	14.3	100.0
	Total	7	.9	100.0	
Missing	0	770	99.1		
	Total	777	100.0		

23. Bloomfield Park, Nelson Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	16.7	16.7
	5	3	.4	50.0	66.7
	10	1	.1	16.7	83.3
	15	1	.1	16.7	100.0
	Total	6	.8	100.0	
Missing	0	771	99.2		
	Total	777	100.0		

23. Bob Noble Park Lake, McCracken Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	2	1	.1	50.0	50.0
	4	1	.1	50.0	100.0
	Total	2	.3	100.0	
Missing	0	775	99.7		
	Total	777	100.0		

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	2	.3	25.0	25.0
	4	1	.1	12.5	37.5
	5	1	.1	12.5	50.0
	15	1	.1	12.5	62.5
	20	1	.1	12.5	75.0
	25	1	.1	12.5	87.5
	40	1	.1	12.5	100.0
	Total	8	1.0	100.0	
Missing	0	769	99.0		
	Total	777	100.0		

23. Brickyard Pond, Knox Co.

23. Camp Ernst Lake, Boone Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	5	.6	14.3	14.3
	2	6	.8	17.1	31.4
	3	3	.4	8.6	40.0
	4	2	.3	5.7	45.7
	5	4	.5	11.4	57.1
	6	1	.1	2.9	60.0
	7	1	.1	2.9	62.9
	10	4	.5	11.4	74.3
	12	1	.1	2.9	77.1
	15	1	.1	2.9	80.0
	20	3	.4	8.6	88.6
	25	1	.1	2.9	91.4
	30	1	.1	2.9	94.3
	40	1	.1	2.9	97.1
	60	1	.1	2.9	100.0
	Total	35	4.5	100.0	
Missing	0	742	95.5		
	Total	777	100.0		

23. Cherokee Park Lake, Jefferson Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	4	.5	23.5	23.5
	2	6	.8	35.3	58.8
	3	1	.1	5.9	64.7
	4	1	.1	5.9	70.6
	6	2	.3	11.8	82.4
	10	2	.3	11.8	94.1
	200	1	.1	5.9	100.0
	Total	17	2.2	100.0	
Missing	0	760	97.8		
	Total	777	100.0		

23. Dickerson Lake, Meade Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	20.0	20.0
	4	1	.1	20.0	40.0
	5	1	.1	20.0	60.0
	20	1	.1	20.0	80.0
	30	1	.1	20.0	100.0
	Total	5	.6	100.0	
Missing	0	772	99.4		
	Total	777	100.0		

23. Easy Walker Park, Montgomery Co.

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	100.0	100.0
Missing	0	776	99.9		
	Total	777	100.0		

23. Fisherman's Park #3&4, Jefferson Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	5	.6	23.8	23.8
	2	5	.6	23.8	47.6
	3	3	.4	14.3	61.9
	5	3	.4	14.3	76.2
	10	2	.3	9.5	85.7
	14	1	.1	4.8	90.5
	20	1	.1	4.8	95.2
	25	1	.1	4.8	100.0
	Total	21	2.7	100.0	
Missing	0	756	97.3		
	Total	777	100.0		

23. Jacobson Park Lake, Fayette Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	6	.8	25.0	25.0
	2	5	.6	20.8	45.8
	3	5	.6	20.8	66.7
	4	1	.1	4.2	70.8
	5	1	.1	4.2	75.0
	10	2	.3	8.3	83.3
	15	1	.1	4.2	87.5
	20	2	.3	8.3	95.8
	50	1	.1	4.2	100.0
	Total	24	3.1	100.0	
Missing	0	753	96.9		
	Total	777	100.0		

23. James D. Beville Park, Grayson Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	6	1	.1	100.0	100.0
Missing	0	776	99.9		
	Total	777	100.0		

23. Kingdom Come Lake, Harlan Co. Frequency Percent Valid Percent Cum. Percent Valid 1 25.0 25.0 .1 1 2 25.0 50.0 1 .1 4 1 .1 25.0 75.0 10 25.0 100.0 1 .1 100.0 Total 4 .5 Missing 0 773 99.5 777 Total 100.0

23. Lower S	nortsman's	Lake. ]	Franklin Co.
	por coman o	Lance	

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	2	.3	18.2	18.2
	2	2	.3	18.2	36.4
	3	1	.1	9.1	45.5
	5	1	.1	9.1	54.5
	6	1	.1	9.1	63.6
	10	1	.1	9.1	72.7
	15	1	.1	9.1	81.8
	20	2	.3	18.2	100.0
	Total	11	1.4	100.0	
Missing	0	766	98.6		
	Total	777	100.0		

23. Lusby Lake, Scott Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	2	2	.3	25.0	25.0
	3	1	.1	12.5	37.5
	5	1	.1	12.5	50.0
	10	2	.3	25.0	75.0
	12	1	.1	12.5	87.5
	20	1	.1	12.5	100.0
	Total	8	1.0	100.0	
Missing	0	769	99.0		
	Total	777	100.0		

23. Madisonville Park Lake, Hopkins Co.

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	2	2	.3	66.7	66.7
	4	1	.1	33.3	100.0
	Total	3	.4	100.0	
Missing	0	774	99.6		
	Total	777	100.0		

23. Middleton Mills Park Ponds, Kenton Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	2	.3	8.3	8.3
	2	4	.5	16.7	25.0
	3	1	.1	4.2	29.2
	4	3	.4	12.5	41.7
	5	1	.1	4.2	45.8
	7	1	.1	4.2	50.0
	10	7	.9	29.2	79.2
	16	1	.1	4.2	83.3
	20	1	.1	4.2	87.5
	30	1	.1	4.2	91.7
	75	1	.1	4.2	95.8
	90	1	.1	4.2	100.0
	Total	24	3.1	100.0	
Missing	0	753	96.9		
	Total	777	100.0		

23. Mike Miller Park Lake, Marshall Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	50.0	50.0
	2	1	.1	50.0	100.0
	Total	2	.3	100.0	
Missing	0	775	99.7		
	Total	777	100.0		

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	4	.5	14.8	14.8
	2	6	.8	22.2	37.0
	3	3	.4	11.1	48.1
	4	2	.3	7.4	55.6
	5	3	.4	11.1	66.7
	6	1	.1	3.7	70.4
	7	1	.1	3.7	74.1
	10	4	.5	14.8	88.9
	15	1	.1	3.7	92.6
	30	1	.1	3.7	96.3
	100	1	.1	3.7	100.0
	Total	27	3.5	100.0	
Missing	0	750	96.5		
	Total	777	100.0		

23. Miles Park Lake #4, Jefferson Co.

# 23. Millennium Park Pond, Boyle Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	2	1	.1	14.3	14.3
	3	2	.3	28.6	42.9
	6	1	.1	14.3	57.1
	10	2	.3	28.6	85.7
	40	1	.1	14.3	100.0
	Total	7	.9	100.0	
Missing	0	770	99.1		
	Total	777	100.0		

23. Martin Co. Lake (Milo), Martin Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	2	.3	66.7	66.7
	25	1	.1	33.3	100.0
	Total	3	.4	100.0	
Missing	0	774	99.6		
	Total	777	100.0		

23. Lake M	ingo, Jessa	amine Co.
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25. Luke Wingo, sessainine Co.					
		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	16.7	16.7
	2	1	.1	16.7	33.3
	3	1	.1	16.7	50.0
	5	1	.1	16.7	66.7
	6	1	.1	16.7	83.3
	10	1	.1	16.7	100.0
	Total	6	.8	100.0	
Missing	0	771	99.2		
	Total	777	100.0		

Valid Percent Frequency Percent Cum. Percent Valid 2 2 22.2 22.2 .3 3 1 33.3 11.1 .1 2 5 .3 22.2 55.6 3 10 .4 33.3 88.9 1 20 .1 11.1 100.0 9 Total 1.2 100.0 98.8 Missing 768 0 Total 777 100.0

23. Panther Creek Park Lake, Daviess Co.

23. Lake Pollywog, Grant Co.

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	2	.3	28.6	28.6
	3	1	.1	14.3	42.9
	10	1	.1	14.3	57.1
	15	2	.3	28.6	85.7
	25	1	.1	14.3	100.0
	Total	7	.9	100.0	
Missing	0	770	99.1		
	Total	777	100.0		

23. Prisoner's Lake, Kenton Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	7	.9	24.1	24.1
	2	7	.9	24.1	48.3
	4	2	.3	6.9	55.2
	5	2	.3	6.9	62.1
	6	2	.3	6.9	69.0
	10	6	.8	20.7	89.7
	12	1	.1	3.4	93.1
	20	2	.3	6.9	100.0
	Total	29	3.7	100.0	
Missing	0	748	96.3		
	Total	777	100.0		

	25. Scott Co. Fark Lake, Scott Co.					
		Frequency	Percent	Valid Percent	Cum. Percent	
Valid	1	3	.4	20.0	20.0	
	2	1	.1	6.7	26.7	
	3	3	.4	20.0	46.7	
	5	2	.3	13.3	60.0	
	8	1	.1	6.7	66.7	
	10	3	.4	20.0	86.7	
	15	1	.1	6.7	93.3	
	25	1	.1	6.7	100.0	
	Total	15	1.9	100.0		
Missing	0	762	98.1			
	Total	777	100.0			

23. Scott Co. Park Lake, Scott Co.

23. Southgate Lake, Campbell Co.

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	7.1	7.1
	2	1	.1	7.1	14.3
	3	3	.4	21.4	35.7
	4	2	.3	14.3	50.0
	5	3	.4	21.4	71.4
	20	1	.1	7.1	78.6
	30	2	.3	14.3	92.9
	120	1	.1	7.1	100.0
	Total	14	1.8	100.0	
Missing	0	763	98.2		
	Total	777	100.0		

23. Stein Comm. Park Lake, Campbell Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	5.3	5.3
	2	3	.4	15.8	21.1
	3	2	.3	10.5	31.6
	4	1	.1	5.3	36.8
	5	1	.1	5.3	42.1
	10	4	.5	21.1	63.2
	18	1	.1	5.3	68.4
	20	2	.3	10.5	78.9
	30	1	.1	5.3	84.2
	50	1	.1	5.3	89.5
	60	1	.1	5.3	94.7
	120	1	.1	5.3	100.0
	Total	19	2.4	100.0	
Missing	0	758	97.6		
	Total	777	100.0		

25. Three Springs Lake, Warren Co.						
		Frequency	Percent	Valid Percent	Cum. Percent	
Valid	2	4	.5	30.8	30.8	
	3	3	.4	23.1	53.8	
	5	1	.1	7.7	61.5	
	7	1	.1	7.7	69.2	
	10	1	.1	7.7	76.9	
	15	1	.1	7.7	84.6	
	40	1	.1	7.7	92.3	
	45	1	.1	7.7	100.0	
	Total	13	1.7	100.0		
Missing	0	764	98.3			
	Total	777	100.0			

23. Three Springs Lake, Warren Co.

23. Tom Wallace Park Lake, Jefferson Co.

-	_	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	8	1.0	33.3	33.3
	2	2	.3	8.3	41.7
	3	3	.4	12.5	54.2
	5	5	.6	20.8	75.0
	10	3	.4	12.5	87.5
	12	1	.1	4.2	91.7
	20	1	.1	4.2	95.8
	30	1	.1	4.2	100.0
	Total	24	3.1	100.0	
Missing	0	753	96.9		
	Total	777	100.0		

23. Upper Sportsman's Lake, Franklin Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	2	.3	13.3	13.3
	2	3	.4	20.0	33.3
	3	2	.3	13.3	46.7
	4	3	.4	20.0	66.7
	5	1	.1	6.7	73.3
	7	1	.1	6.7	80.0
	10	1	.1	6.7	86.7
	15	1	.1	6.7	93.3
	30	1	.1	6.7	100.0
	Total	15	1.9	100.0	
Missing	0	762	98.1		
	Total	777	100.0		

	25. Watterson 1 ark Lake, Scherson Co.						
		Frequency	Percent	Valid Percent	Cum. Percent		
Valid	1	3	.4	37.5	37.5		
	4	1	.1	12.5	50.0		
	8	1	.1	12.5	62.5		
	10	1	.1	12.5	75.0		
	22	1	.1	12.5	87.5		
	26	1	.1	12.5	100.0		
	Total	8	1.0	100.0			
Missing	0	769	99.0				
	Total	777	100.0				

23. Watterson Park Lake, Jefferson Co.

23. Waverly Park Lake, Jefferson Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	6	.8	25.0	25.0
	2	4	.5	16.7	41.7
	7	2	.3	8.3	50.0
	10	4	.5	16.7	66.7
	13	1	.1	4.2	70.8
	15	1	.1	4.2	75.0
	25	1	.1	4.2	79.2
	30	3	.4	12.5	91.7
	40	1	.1	4.2	95.8
	45	1	.1	4.2	100.0
	Total	24	3.1	100.0	
Missing	0	753	96.9		
	Total	777	100.0		

23. Waymond Morris Park, Daviess Co.

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	2	2	.3	28.6	28.6
	4	2	.3	28.6	57.1
	10	1	.1	14.3	71.4
	12	1	.1	14.3	85.7
	15	1	.1	14.3	100.0
	Total	7	.9	100.0	
Missing	0	770	99.1		
	Total	777	100.0		

		25. wintenal	I I uI K Bune,	ividalison eo.	
	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	4	.5	23.5	23.5
	2	1	.1	5.9	29.4
	4	3	.4	17.6	47.1
	5	2	.3	11.8	58.8
	8	1	.1	5.9	64.7
	10	2	.3	11.8	76.5
	20	2	.3	11.8	88.2
	30	1	.1	5.9	94.1
	80	1	.1	5.9	100.0
	Total	17	2.2	100.0	
Missing	0	760	97.8		
	Total	777	100.0		

23. Whitehall Park Lake, Madison Co.

23. Yellow Creek Park Lake, Daviess Co.

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	2	.3	22.2	22.2
	2	4	.5	44.4	66.7
	3	1	.1	11.1	77.8
	8	1	.1	11.1	88.9
	30	1	.1	11.1	100.0
	Total	9	1.2	100.0	
Missing	0	768	98.8		
	Total	777	100.0		

24. Which of the following best describes your level of satisfaction or dissatisfaction with trout fishing at FINS Lakes in the last 12 months.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Very Dissastisfied	13	1.7	5.4	5.4
	Somewhat Disssatisfied	35	4.5	14.6	20.0
	Neutral	59	7.6	24.6	44.6
	Somewhat Satisfied	71	9.1	29.6	74.2
	Very Satisfied	62	8.0	25.8	100.0
	Total	240	30.9	100.0	
Missing	No Response	3	.4		
	System	534	68.7		
	Total	537	69.1		
	Total	777	100.0		

25. About what percentage of your trout fishing time in FINS Lakes was spent in each of the four periods?

	-	April/May	October/November	December/January	February/March
N	Valid	231	231	231	231
	Missing	546	546	546	546
	Mean	51.42	18.58	7.55	22.44
	Median	50.00	.00	.00	10.00
	Range	100	100	100	100
	Minimum	0	0	0	0
	Maximum	100	100	100	100
	Sum	11878	4293	1745	5184
Percentiles	25	10.00	.00	.00	.00
	50	50.00	.00	.00	10.00
	75	100.00	30.00	.00	33.00

25. April/May							
	-	Frequency	Percent	Valid Percent	Cum. Percent		
Valid	0	54	6.9	23.4	23.4		
	5	1	.1	.4	23.8		
	10	3	.4	1.3	25.1		
	15	2	.3	.9	26.0		
	20	1	.1	.4	26.4		
	25	16	2.1	6.9	33.3		
	30	2	.3	.9	34.2		
	33	1	.1	.4	34.6		
	34	5	.6	2.2	36.8		
	40	6	.8	2.6	39.4		
	45	1	.1	.4	39.8		
	50	47	6.0	20.3	60.2		
	60	8	1.0	3.5	63.6		
	70	1	.1	.4	64.1		
	75	6	.8	2.6	66.7		
	80	8	1.0	3.5	70.1		
	90	4	.5	1.7	71.9		
	95	1	.1	.4	72.3		
	100	64	8.2	27.7	100.0		
	Total	231	29.7	100.0			
Missing	System	546	70.3				
	Total	777	100.0				

## 25. April/Ma

	23. October/November						
	-	Frequency	Percent	Valid Percent	Cum. Percent		
Valid	0	129	16.6	55.8	55.8		
	5	1	.1	.4	56.3		
	10	7	.9	3.0	59.3		
	15	1	.1	.4	59.7		
	20	8	1.0	3.5	63.2		
	25	17	2.2	7.4	70.6		
	30	11	1.4	4.8	75.3		
	33	5	.6	2.2	77.5		
	35	1	.1	.4	77.9		
	38	1	.1	.4	78.4		
	40	8	1.0	3.5	81.8		
	50	28	3.6	12.1	93.9		
	60	1	.1	.4	94.4		
	80	1	.1	.4	94.8		
	90	1	.1	.4	95.2		
	100	11	1.4	4.8	100.0		
	Total	231	29.7	100.0			
Missing	System	546	70.3				
	Total	777	100.0				

25. October/November

25. December/January

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	179	23.0	77.5	77.5
	5	2	.3	.9	78.4
	10	7	.9	3.0	81.4
	15	1	.1	.4	81.8
	16	1	.1	.4	82.3
	20	3	.4	1.3	83.5
	24	1	.1	.4	84.0
	25	17	2.2	7.4	91.3
	30	4	.5	1.7	93.1
	40	2	.3	.9	93.9
	50	8	1.0	3.5	97.4
	70	1	.1	.4	97.8
	75	1	.1	.4	98.3
	80	1	.1	.4	98.7
	100	3	.4	1.3	100.0
	Total	231	29.7	100.0	
Missing	System	546	70.3		
	Total	777	100.0		

25. February/March							
		Frequency	Percent	Valid Percent	Cum. Percent		
Valid	0	113	14.5	48.9	48.9		
	5	2	.3	.9	49.8		
	10	14	1.8	6.1	55.8		
	15	1	.1	.4	56.3		
	20	14	1.8	6.1	62.3		
	25	18	2.3	7.8	70.1		
	30	9	1.2	3.9	74.0		
	33	4	.5	1.7	75.8		
	34	1	.1	.4	76.2		
	38	1	.1	.4	76.6		
	40	3	.4	1.3	77.9		
	50	24	3.1	10.4	88.3		
	60	1	.1	.4	88.7		
	70	1	.1	.4	89.2		
	75	3	.4	1.3	90.5		
	80	2	.3	.9	91.3		
	90	2	.3	.9	92.2		
	100	18	2.3	7.8	100.0		
	Total	231	29.7	100.0			
Missing	System	546	70.3				
	Total	777	100.0				

25. February/March

26. About how many days did you fish <u>for trout</u> at each of the following <u>Small Lakes</u> in the last 12 months?

		Bert Combs Lake, Clay Co.	Beulah Lake, Jackson Co.	Cannon Creek Lake, Bell Co.	Cranks Creek Lake, Harlan Co.	Fagan Branch Lake, Marion Co.	Fishpond Lake, Letcher Co.	Grant's Branch Lake, Pike Co.	Greenbo Lake, Greenup Co.
N	Valid	7	8	7	7	4	15	2	20
	Missing	770	769	770	770	773	762	775	757
	Mean	27.00	14.63	27.43	23.43	2.25	10.53	3.50	6.20
	Median	6.00	7.00	20.00	24.00	1.50	4.00	3.50	3.00
	Range	99	59	89	30	4	49	1	39
	Minimum	1	1	1	10	1	1	3	1
	Maximum	100	60	90	40	5	50	4	40
	Sum	189	117	192	164	9	158	7	124
Percentiles	25	6.00	2.25	2.00	10.00	1.00	2.00	3.00	1.00
	50	6.00	7.00	20.00	24.00	1.50	4.00	3.50	3.00
	75	60.00	20.25	45.00	30.00	4.25	20.00	4.00	7.25

		Highsplint Lake, Harlan Co.	Jack C. Fisher Park, 2 lakes; Daviess Co.	Martin County Reservoir, Martin Co.	Metcalfe County Lake, Metcalfe Co.	Mill Creek Lake, Wolfe Co.	Peabody WMA, Access Pond, Ohio Co.	Peabody WMA, Rob's Pond, Ohio Co.	Stanford Reservoir, Lincoln Co.
N	Valid	2	4	2	4	25	7	4	6
	Missing	775	773	775	773	752	770	773	771
	Mean	3.00	4.25	1.50	3.75	5.72	3.57	3.50	6.83
	Median	3.00	2.50	1.50	2.00	2.00	4.00	3.00	4.50
	Range	4	8	1	9	23	6	6	19
	Minimum	1	2	1	1	1	1	1	1
	Maximum	5	10	2	10	24	7	7	20
	Sum	6	17	3	15	143	25	14	41
Percentiles	25	1.00	2.00	1.00	1.00	2.00	2.00	1.25	1.00
	50	3.00	2.50	1.50	2.00	2.00	4.00	3.00	4.50
	75	5.00	8.25	2.00	8.25	6.50	5.00	6.25	12.50

26. Bert Combs Lake, Clay Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	14.3	14.3
	6	3	.4	42.9	57.1
	10	1	.1	14.3	71.4
	60	1	.1	14.3	85.7
	100	1	.1	14.3	100.0
	Total	7	.9	100.0	
Missing	0	770	99.1		
	Total	777	100.0		

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	12.5	12.5
v und	2	1			25.0
	2	1	.1	12.5	23.0
	3	1	.1	12.5	37.5
	4	1	.1	12.5	50.0
	10	1	.1	12.5	62.5
	15	1	.1	12.5	75.0
	22	1	.1	12.5	87.5
	60	1	.1	12.5	100.0
	Total	8	1.0	100.0	
Missing	0	769	99.0		
	Total	777	100.0		

26. Beulah Lake, Jackson Co.

		201 Cumio	I CICCK Lak	e, Den coi	
		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	14.3	14.3
	2	1	.1	14.3	28.6
	4	1	.1	14.3	42.9
	20	1	.1	14.3	57.1
	30	1	.1	14.3	71.4
	45	1	.1	14.3	85.7
	90	1	.1	14.3	100.0
	Total	7	.9	100.0	
Missing	0	770	99.1		
	Total	777	100.0		

26. Cannon Creek Lake, Bell Co.

### 26. Cranks Creek Lake, Harlan Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	10	2	.3	28.6	28.6
	20	1	.1	14.3	42.9
	24	1	.1	14.3	57.1
	30	2	.3	28.6	85.7
	40	1	.1	14.3	100.0
	Total	7	.9	100.0	
Missing	0	770	99.1		
	Total	777	100.0		

26. Fagan Branch Lake, Marion Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	2	.3	50.0	50.0
	2	1	.1	25.0	75.0
	5	1	.1	25.0	100.0
	Total	4	.5	100.0	
Missing	0	773	99.5		
	Total	777	100.0		

26. Fishpond	Lake,	Letcher	Co.
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		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	2	.3	13.3	13.3
	2	5	.6	33.3	46.7
	4	1	.1	6.7	53.3
	5	1	.1	6.7	60.0
	7	1	.1	6.7	66.7
	10	1	.1	6.7	73.3
	20	2	.3	13.3	86.7
	30	1	.1	6.7	93.3
	50	1	.1	6.7	100.0
	Total	15	1.9	100.0	
Missing	0	762	98.1		
	Total	777	100.0		

26. Grant's Branch Lake, Pike Co.

_	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	3	1	.1	50.0	50.0
	4	1	.1	50.0	100.0
	Total	2	.3	100.0	
Missing	0	775	99.7		
	Total	777	100.0		

26. Greenbo Lake, Greenup Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	6	.8	30.0	30.0
	2	2	.3	10.0	40.0
	3	4	.5	20.0	60.0
	4	1	.1	5.0	65.0
	5	2	.3	10.0	75.0
	8	1	.1	5.0	80.0
	10	1	.1	5.0	85.0
	15	2	.3	10.0	95.0
	40	1	.1	5.0	100.0
	Total	20	2.6	100.0	
Missing	0	757	97.4		
	Total	777	100.0		

26. Jack C. Fisher Park, 2 lakes; Daviess Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	2	2	.3	50.0	50.0
	3	1	.1	25.0	75.0
	10	1	.1	25.0	100.0
	Total	4	.5	100.0	
Missing	0	773	99.5		
	Total	777	100.0		

26. Highsplint Lake, Harlan Co.

-		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	50.0	50.0
	5	1	.1	50.0	100.0
	Total	2	.3	100.0	
Missing	0	775	99.7		
	Total	777	100.0		

### 26. Martin County Reservoir, Martin Co.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	50.0	50.0
	2	1	.1	50.0	100.0
	Total	2	.3	100.0	
Missing	0	775	99.7		
	Total	777	100.0		

26. Metcalfe County Lake, Metcalfe Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	2	.3	50.0	50.0
	3	1	.1	25.0	75.0
	10	1	.1	25.0	100.0
	Total	4	.5	100.0	
Missing	0	773	99.5		
	Total	777	100.0		

26. Mill Creek Lake, Wolfe Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	5	.6	20.0	20.0
	2	9	1.2	36.0	56.0
	3	3	.4	12.0	68.0
	4	1	.1	4.0	72.0
	5	1	.1	4.0	76.0
	8	1	.1	4.0	80.0
	10	1	.1	4.0	84.0
	20	3	.4	12.0	96.0
	24	1	.1	4.0	100.0
	Total	25	3.2	100.0	
Missing	0	752	96.8		
	Total	777	100.0		

26. Peabody WMA, Access Pond, Ohio Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	14.3	14.3
	2	2	.3	28.6	42.9
	4	2	.3	28.6	71.4
	5	1	.1	14.3	85.7
	7	1	.1	14.3	100.0
	Total	7	.9	100.0	
Missing	0	770	99.1		
	Total	777	100.0		

26. Peabody WMA, Rob's Pond, Ohio Co.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	1	.1	25.0	25.0
	2	1	.1	25.0	50.0
	4	1	.1	25.0	75.0
	7	1	.1	25.0	100.0
	Total	4	.5	100.0	
Missing	0	773	99.5		
	Total	777	100.0		

26. Stanford Reservoir, Lincoln Co.							
		Frequency	Percent	Valid Percent	Cum. Percent		
Valid	1	2	.3	33.3	33.3		
	4	1	.1	16.7	50.0		
	5	1	.1	16.7	66.7		
	10	1	.1	16.7	83.3		
	20	1	.1	16.7	100.0		
	Total	6	.8	100.0			
Missing	0	771	99.2				
	Total	777	100.0				

26 Stanford Reservoir Lincoln Co

27. Which of the following best describes your level of satisfaction or dissatisfaction with trout fishing at Small Lakes in the last 12 months.

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Very Dissastisfied	8	1.0	7.9	7.9
	Somewhat Disssatisfied	10	1.3	9.9	17.8
	Neutral	29	3.7	28.7	46.5
	Somewhat Satisfied	41	5.3	40.6	87.1
	Very Satisfied	13	1.7	12.9	100.0
	Total	101	13.0	100.0	
Missing	No response and answered Q26	1	.1		
	System	675	86.9		
	Total	676	87.0		
	Total	777	100.0		

### 28. About what percentage of your trout fishing time at Small Lakes was spent in each of the four seasons?

	-	Spring	Summer	Fall	Winter
N	Valid	98	98	98	98
	Missing	679	679	679	679
	Mean	41.71	25.76	15.81	16.72
	Median	36.50	2.50	.00	.00
	Range	100	100	100	100
	Minimum	0	0	0	0
	Maximum	100	100	100	100
	Sum	4088	2524	1549	1639
Percentiles	25	.00	.00	.00	.00
	50	36.50	2.50	.00	.00
	75	71.25	42.50	25.25	25.00

			28. Spring		
		Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	26	3.3	26.5	26.5
	10	1	.1	1.0	27.6
	15	1	.1	1.0	28.6
	20	6	.8	6.1	34.7
	25	10	1.3	10.2	44.9
	30	4	.5	4.1	49.0
	33	1	.1	1.0	50.0
	40	7	.9	7.1	57.1
	50	12	1.5	12.2	69.4
	60	4	.5	4.1	73.5
	70	2	.3	2.0	75.5
	75	2	.3	2.0	77.6
	80	3	.4	3.1	80.6
	90	1	.1	1.0	81.6
	100	18	2.3	18.4	100.0
	Total	98	12.6	100.0	
Missing	System	679	87.4		
	Total	777	100.0		

28. Summer						
	-	Frequency	Percent	Valid Percent	Cum. Percent	
Valid	0	49	6.3	50.0	50.0	
	5	1	.1	1.0	51.0	
	10	4	.5	4.1	55.1	
	15	1	.1	1.0	56.1	
	20	7	.9	7.1	63.3	
	25	8	1.0	8.2	71.4	
	34	1	.1	1.0	72.4	
	40	3	.4	3.1	75.5	
	50	6	.8	6.1	81.6	
	60	1	.1	1.0	82.7	
	75	3	.4	3.1	85.7	
	85	1	.1	1.0	86.7	
	100	13	1.7	13.3	100.0	
	Total	98	12.6	100.0		
Missing	System	679	87.4			
	Total	777	100.0			

			28. Fall		
<del>1</del>	_	Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	54	6.9	55.1	55.1
	5	2	.3	2.0	57.1
	10	3	.4	3.1	60.2
	15	1	.1	1.0	61.2
	20	2	.3	2.0	63.3
	25	12	1.5	12.2	75.5
	26	1	.1	1.0	76.5
	30	8	1.0	8.2	84.7
	33	1	.1	1.0	85.7
	40	1	.1	1.0	86.7
	45	1	.1	1.0	87.8
	50	7	.9	7.1	94.9
	60	2	.3	2.0	96.9
	100	3	.4	3.1	100.0
	Total	98	12.6	100.0	
Missing	System	679	87.4		
	Total	777	100.0		

28. Winter						
	-	Frequency	Percent	Valid Percent	Cum. Percent	
Valid	0	65	8.4	66.3	66.3	
	4	1	.1	1.0	67.3	
	10	3	.4	3.1	70.4	
	15	1	.1	1.0	71.4	
	20	2	.3	2.0	73.5	
	25	5	.6	5.1	78.6	
	30	1	.1	1.0	79.6	
	40	2	.3	2.0	81.6	
	50	6	.8	6.1	87.8	
	60	1	.1	1.0	88.8	
	70	2	.3	2.0	90.8	
	75	3	.4	3.1	93.9	
	90	1	.1	1.0	94.9	
	100	5	.6	5.1	100.0	
	Total	98	12.6	100.0		
Missing	System	679	87.4			
	Total	777	100.0			

28. Winter

29. About how many days did you fish for trout at each of the following Large Lakes in the last 12 months?

	-	Cedar Creek Lake	Laurel River Lake	Paintsville Lake	Wood Creek Lake
Ν	Valid	33	75	20	22
	Missing	744	702	757	755
	Mean	4.61	8.92	8.95	8.14
	Median	2.00	4.00	5.00	5.50
	Range	19	99	29	29
	Minimum	1	1	1	1
	Maximum	20	100	30	30
	Sum	152	669	179	179
Percentiles	25	1.00	2.00	2.00	2.00
	50	2.00	4.00	5.00	5.50
	75	5.00	10.00	15.00	10.00

29. Cedar Creek Lake

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	9	1.2	27.3	27.3
	2	8	1.0	24.2	51.5
	3	3	.4	9.1	60.6
	4	2	.3	6.1	66.7
	5	4	.5	12.1	78.8
	8	1	.1	3.0	81.8
	10	2	.3	6.1	87.9
	12	1	.1	3.0	90.9
	15	2	.3	6.1	97.0
	20	1	.1	3.0	100.0
	Total	33	4.2	100.0	
Missing	0	744	95.8		
	Total	777	100.0		

	29. Laurel River Lake							
		Frequency	Percent	Valid Percent	Cum. Percent			
Valid	1	11	1.4	14.7	14.7			
	2	14	1.8	18.7	33.3			
	3	9	1.2	12.0	45.3			
	4	4	.5	5.3	50.7			
	5	8	1.0	10.7	61.3			
	6	2	.3	2.7	64.0			
	7	2	.3	2.7	66.7			
	10	7	.9	9.3	76.0			
	12	1	.1	1.3	77.3			
	14	1	.1	1.3	78.7			
	15	5	.6	6.7	85.3			
	20	5	.6	6.7	92.0			
	25	1	.1	1.3	93.3			
	30	3	.4	4.0	97.3			
	35	1	.1	1.3	98.7			
	100	1	.1	1.3	100.0			
	Total	75	9.7	100.0				
Missing	0	702	90.3					
	Total	777	100.0					

29 Laurel River Lake

29. Paintsville Lake

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	1	4	.5	20.0	20.0
	2	2	.3	10.0	30.0
	3	1	.1	5.0	35.0
	4	2	.3	10.0	45.0
	5	2	.3	10.0	55.0
	10	2	.3	10.0	65.0
	15	4	.5	20.0	85.0
	20	2	.3	10.0	95.0
	30	1	.1	5.0	100.0
	Total	20	2.6	100.0	
Missing	0	757	97.4		
	Total	777	100.0		

	29. Wood Creek Lake							
	-	Frequency	Percent	Valid Percent	Cum. Percent			
Valid	1	3	.4	13.6	13.6			
	2	5	.6	22.7	36.4			
	3	1	.1	4.5	40.9			
	4	1	.1	4.5	45.5			
	5	1	.1	4.5	50.0			
	6	2	.3	9.1	59.1			
	7	1	.1	4.5	63.6			
	10	4	.5	18.2	81.8			
	15	1	.1	4.5	86.4			
	20	1	.1	4.5	90.9			
	30	2	.3	9.1	100.0			
	Total	22	2.8	100.0				
Missing	0	755	97.2					
	Total	777	100.0					

30. Which of the following best describes your level of satisfaction or dissatisfaction with trout fishing at Large Lakes in the last 12 months.

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Very Dissastisfied	11	1.4	9.3	9.3
	Somewhat Disssatisfied	19	2.4	16.1	25.4
	Neutral	25	3.2	21.2	46.6
	Somewhat Satisfied	49	6.3	41.5	88.1
	Very Satisfied	14	1.8	11.9	100.0
	Total	118	15.2	100.0	
Missing	No response and answered Q29	3	.4		
	System	656	84.4		
	Total	659	84.8		
	Total	777	100.0		

21 About mbot monortage of money that the bins of Tanga Talage may should be the fam	
<b>31.</b> About what percentage of your trout fishing time at Large Lakes was spent in each of the fou	r seasons (
- eit fisout a nut per centuge of jour <u>a out fishing unte ut Burge Bunes</u> aus spent in euch of the fou	

		Spring	Summer	Fall	Winter
Ν	Valid	113	113	113	113
	Missing	664	664	664	664
	Mean	41.62	28.81	15.97	13.59
	Median	35.00	.00	.00	.00
	Range	100	100	100	100
	Minimum	0	0	0	0
	Maximum	100	100	100	100
	Sum	4703	3256	1805	1536
Percentiles	25	.00	.00	.00	.00
	50	35.00	.00	.00	.00
	75	80.00	50.00	27.50	.00

			31. Spring		
	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	40	5.1	35.4	35.4
	10	2	.3	1.8	37.2
	15	1	.1	.9	38.1
	20	2	.3	1.8	39.8
	25	5	.6	4.4	44.2
	30	5	.6	4.4	48.7
	33	1	.1	.9	49.6
	35	1	.1	.9	50.4
	40	3	.4	2.7	53.1
	50	19	2.4	16.8	69.9
	60	1	.1	.9	70.8
	70	2	.3	1.8	72.6
	75	1	.1	.9	73.5
	80	3	.4	2.7	76.1
	100	27	3.5	23.9	100.0
	Total	113	14.5	100.0	
Missing	System	664	85.5		
	Total	777	100.0		

31. Summer						
Γ	-	Frequency	Percent	Valid Percent	Cum. Percent	
Valid	0	63	8.1	55.8	55.8	
	10	3	.4	2.7	58.4	
	11	1	.1	.9	59.3	
	20	3	.4	2.7	61.9	
	25	3	.4	2.7	64.6	
	30	1	.1	.9	65.5	
	35	1	.1	.9	66.4	
	40	4	.5	3.5	69.9	
	50	9	1.2	8.0	77.9	
	60	1	.1	.9	78.8	
	65	1	.1	.9	79.6	
	80	1	.1	.9	80.5	
	100	22	2.8	19.5	100.0	
	Total	113	14.5	100.0		
Missing	System	664	85.5			
	Total	777	100.0			

<b>31. Fall</b>						
	-	Frequency	Percent	Valid Percent	Cum. Percent	
Valid	0	72	9.3	63.7	63.7	
	5	1	.1	.9	64.6	
	10	1	.1	.9	65.5	
	20	4	.5	3.5	69.0	
	25	7	.9	6.2	75.2	
	30	8	1.0	7.1	82.3	
	40	3	.4	2.7	85.0	
	45	1	.1	.9	85.8	
	50	8	1.0	7.1	92.9	
	60	1	.1	.9	93.8	
	70	1	.1	.9	94.7	
	100	6	.8	5.3	100.0	
	Total	113	14.5	100.0		
Missing	System	664	85.5			
	Total	777	100.0			

<b>31.</b> Percentage of trout fishing time in Large Lakes: Winter
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		Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	86	11.1	76.1	76.1
	11	1	.1	.9	77.0
	20	5	.6	4.4	81.4
	25	2	.3	1.8	83.2
	30	2	.3	1.8	85.0
	50	6	.8	5.3	90.3
	70	1	.1	.9	91.2
	75	1	.1	.9	92.0
	80	1	.1	.9	92.9
	90	1	.1	.9	93.8
	100	7	.9	6.2	100.0
	Total	113	14.5	100.0	
Missing	System	664	85.5		
	Total	777	100.0		

32. Have you ever fished for trout at night in any Kentucky lakes and reservoirs stocked with trout?

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	No	580	74.6	81.3	81.3
	Yes	133	17.1	18.7	100.0
	Total	713	91.8	100.0	
Missing	No Response	62	8.0		
	Error	2	.3		
	Total	64	8.2		
	Total	777	100.0		

33. In which lakes did you fish for trout at night?: Cannon Creek Lake

<b></b>	_	England	Demoent	Valid Percent	Cum Danaant
		Frequency	Percent	valid Percent	Cum. Percent
Valid	Yes	4	.5	100.0	100.0
Missing	System	773	99.5		
	Total	777	100.0		

## 33. In which lakes did you fish for trout at night?: Cranks Creek Lake

-	-				
		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Yes	5	.6	100.0	100.0
Missing	System	772	99.4		
	Total	777	100.0		

## 33. In which lakes did you fish for trout at night?: Fagan Branch Lake

_		Frequency	Percent	
Missing	System	777	100.0	

#### 33. In which lakes did you fish for trout at night?: Greenbo Lake

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Yes	10	1.3	100.0	100.0
Missing	System	767	98.7		
	Total	777	100.0		

#### 33. In which lakes did you fish for trout at night?: Laurel River Lake

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Yes	68	8.8	100.0	100.0
Missing	System	709	91.2		
	Total	777	100.0		

#### 33. In which lakes did you fish for trout at night?: Paintsville Lake

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Yes	6	.8	100.0	100.0
Missing	System	771	99.2		
	Total	777	100.0		

#### 33. In which lakes did you fish for trout at night?: Mill Creek Lake

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Yes	11	1.4	100.0	100.0
Missing	System	766	98.6		
	Total	777	100.0		

## 33. In which lakes did you fish for trout at night?: Wood Creek Lake

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Yes	15	1.9	100.0	100.0
Missing	System	762	98.1		
	Total	777	100.0		

## 33. In which lakes did you fish for trout at night?: Other

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Yes	38	4.9	100.0	100.0
Missing	System	739	95.1		
	Total	777	100.0		

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	-	741	95.4	95.4	95.4
	Beech Creek and Beulah Lake	1	.1	.1	95.5
	Bert Combs Lake	1	.1	.1	95.6
	Beulah & amp; Bert Combs Lake	1	.1	.1	95.8
	Carr Creek Lake	1	.1	.1	95.9
	Cumberland Tailwater	5	.6	.6	96.5
	Dale Hollow Lake	6	.8	.8	97.3
	Dewey Lake Tailwater	1	.1	.1	97.4
	Fishpond Lake	5	.6	.6	98.1
	Fishpond Lake & Grants Branch Lake	1	.1	.1	98.2
	Fishtrap Lake	1	.1	.1	98.3
	Lake Cumberland	9	1.2	1.2	99.5
	Lake Pollywog	1	.1	.1	99.6
	Martin's Fork Lake	2	.3	.3	99.9
	Scott County	1	.1	.1	100.0
	Total	777	100.0	100.0	

34. Have you fished for trout at night in the last three years in any Kentucky lakes and reservoirs stocked with trout?

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	No	53	6.8	39.0	39.0
	Yes	83	10.7	61.0	100.0
	Total	136	17.5	100.0	
Missing	Error	1	.1		
	System	640	82.4		
	Total	641	82.5		
	Total	777	100.0		

35. In which lakes did you fish for trout at night in the last three years?: Cannon Creek Lake

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Yes	4	.5	100.0	100.0
Missing	System	773	99.5		
	Total	777	100.0		

35. In which lakes did you fish for trout at night in the last three years?: Cranks Creek Lake

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Yes	5	.6	100.0	100.0
Missing	System	772	99.4		
	Total	777	100.0		

#### 35. In which lakes did you fish for trout at night in the last three years?: Fagan Branch Lake

-		Frequency	Percent	
Missing	System	777	100.0	

#### 35. In which lakes did you fish for trout at night in the last three years?: Greenbo Lake

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Yes	9	1.2	100.0	100.0
Missing	System	768	98.8		
	Total	777	100.0		

#### 35. In which lakes did you fish for trout at night in the last three years?: Laurel River Lake

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Yes	41	5.3	100.0	100.0
Missing	System	736	94.7		
	Total	777	100.0		

## 35. In which lakes did you fish for trout at night in the last three years?: Paintsville Lake

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Yes	5	.6	100.0	100.0
Missing	System	772	99.4		
	Total	777	100.0		

#### 35. In which lakes did you fish for trout at night in the last three years?: Mill Creek Lake

	_	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Yes	8	1.0	100.0	100.0
Missing	System	769	99.0		
	Total	777	100.0		

#### 35. In which lakes did you fish for trout at night in the last three years?: Wood Creek Lake

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Yes	11	1.4	100.0	100.0
Missing	System	766	98.6		
	Total	777	100.0		

## 35. In which lakes did you fish for trout at night in the last three years?: Other

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Yes	27	3.5	100.0	100.0
Missing	System	750	96.5		
	Total	777	100.0		

		Frequency	Percent	Valid Percent	Cum. Percent
Valid		751	96.7	96.7	96.7
	Beech Creek and Beulah Lake	1	.1	.1	96.8
	Beulah & amp; Bert Combs Lake	1	.1	.1	96.9
	Carr Creek Lake	1	.1	.1	97.0
	Cumberland River Wolf Creek	1	.1	.1	97.2
	Cumberland Tailwater	4	.5	.5	97.7
	Dale Hollow Lake	5	.6	.6	98.3
	Dewey Lake Spillway	1	.1	.1	98.5
	Fishpond Lake	5	.6	.6	99.1
	Fishtrap Lake	1	.1	.1	99.2
	Lake Cumberland	4	.5	.5	99.7
	Martin's Fork Lake	2	.3	.3	100.0
	Total	777	100.0	100.0	

## 36. What is the single most important reason why you quit fishing for trout at night in the last three years?

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	I was dissatisfied with the number of trout caught at night	5	.6	10.4	10.4
	I switched to fishing for other fish species at night	3	.4	6.3	16.7
	I didn't have anyone to go with	6	.8	12.5	29.2
	I no longer have access to a boat	5	.6	10.4	39.6
	I did not have enough time	17	2.2	35.4	75.0
	I quit because of declining health	1	.1	2.1	77.1
	I quit because of safety concerns	2	.3	4.2	81.3
	I don't know	3	.4	6.3	87.5
	Other	6	.8	12.5	100.0
	Total	48	6.2	100.0	
Missing	No Response	25	3.2		
	Error	3	.4		
	System	701	90.2		
	Total	729	93.8		
	Total	777	100.0		

## 36. What is the single most important reason why you quit fishing for trout at night in the last three years? Other Reason

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	-	771	99.2	99.2	99.2
	I only fish below Cumberland dam area. I always want Walleye but welcome a nice trout.	1	.1	.1	99.4
	I only fish cumberland river	1	.1	.1	99.5
	in military and not here to fish	1	.1	.1	99.6
	Security of my vehicle	1	.1	.1	99.7
	Too busy, too far away	1	.1	.1	99.9
	Working in Alabama	1	.1	.1	100.0
	Total	777	100.0	100.0	

37. About what percentage of legal trout did you keep in the last 12 months?

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	I kept all or almost all	215	27.7	29.6	29.6
	I kept about 25%	69	8.9	9.5	39.1
	I kept about 50%	71	9.1	9.8	48.8
	I kept about 75%	66	8.5	9.1	57.9
	I did not keep any or kept a very small percentage	306	39.4	42.1	100.0
	Total	727	93.6	100.0	
Missing	No Response	49	6.3		
	Error	1	.1		
	Total	50	6.4		
	Total	777	100.0		

38. When you didn't keep the legal trout you caught in the last 12 months, what is the single most important reason why?

-		Frequency	Percent	Valid Percent	Cum. Percent
Valid	The fish were too small	118	15.2	24.4	24.4
	I don't like to eat trout	22	2.8	4.5	28.9
	I don't want to go to the trouble to clean them	26	3.3	5.4	34.3
	Feel that releasing trout gives me or another person the opportunity of catching them again	248	31.9	51.2	85.5
	Other	70	9.0	14.5	100.0
	Total	484	62.3	100.0	
Missing	No Response	27	3.5		
	Error	33	4.2		
	System	233	30.0		
	Total	293	37.7		
	Total	777	100.0		

# 38. When you didn't keep the legal trout you caught in the last 12 months, what is the single most important reason why? Other Reason

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Because of the trout law	1	.1	1.5	1.5
	Can't eat fish	1	.1	1.5	3.0
	Didn't catch any	21	2.7	31.8	34.8
	Didn't catch enough for a meal	4	.5	6.1	40.9
	Didn't fish	5	.6	7.6	48.5
	Didn't fish for trout	6	.8	9.1	57.6
	Didn't need that many	1	.1	1.5	59.1
	Family doesn't eat trout	1	.1	1.5	60.6
	Fridge too stocked with other fish	1	.1	1.5	62.1
	Gave some to other anglers who weren't having any success that day.	1	.1	1.5	63.6
	I don't like trout	1	.1	1.5	65.2
	I kept very few because I don't eat a lot of trout	1	.1	1.5	66.7
	I only keep enough for one meal	2	.3	3.0	69.7
	I prefer to catch and release	5	.6	7.6	77.3
	It seemed I caught like just 2 trout a lot of the time.	1	.1	1.5	78.8
	Just a few to eat	1	.1	1.5	80.3
	Just fishing for sport	3	.4	4.5	84.8
	Learning to flyfish, results were poor.	1	.1	1.5	86.4
	No permit	1	.1	1.5	87.9
	Only keep injured fish	2	.3	3.0	90.9
	Slot limit	1	.1	1.5	92.4
	Too small and not enough to clean	1	.1	1.5	93.9
	Trying to catch one to hang on the wall not always going to eat them.	1	.1	1.5	95.5
	Was not fishing for trout	3	.4	4.5	100.0
	Total	66	8.5	100.0	
Missing		711	91.5		
	Total	777	100.0		

39 What length to the nearest inch	, do vou consider keeper size (smallest size f	fish you would take home) for
59. what length, to the hearest men	, uo you consider keeper size (smanest size i	ish you would take nome) for

	-	Brook Trout	Brown Trout	Rainbow Trout
N	Valid	496	544	648
	Missing	281	233	129
	Mean	11.34	13.13	11.79
	Median	12.00	12.00	12.00
	Range	24	28	24
	Minimum	0	0	0
	Maximum	24	28	24
	Sum	5624	7144	7637
Percentiles	25	10.00	10.00	10.00
	50	12.00	12.00	12.00
	75	12.00	15.00	12.00

39. keeper size for... Brook Trout

Ī		Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	7	.9	1.4	1.4
	5	2	.3	.4	1.8
	6	12	1.5	2.4	4.2
	7	3	.4	.6	4.8
	8	47	6.0	9.5	14.3
	9	22	2.8	4.4	18.8
	10	113	14.5	22.8	41.5
	11	9	1.2	1.8	43.3
	12	181	23.3	36.5	79.8
	13	6	.8	1.2	81.0
	14	24	3.1	4.8	85.9
	15	43	5.5	8.7	94.6
	16	13	1.7	2.6	97.2
	18	3	.4	.6	97.8
	20	9	1.2	1.8	99.6
	21	1	.1	.2	99.8
	24	1	.1	.2	100.0
	Total	496	63.8	100.0	
Missing	No Response	279	35.9		
	Error	2	.3		
	Total	281	36.2		
	Total	777	100.0		

-	-	<b>39. keeper siz</b> Frequency	Percent	Valid Percent	Cum. Percent
Valid	0	4	.5	.7	.7
	5	1	.1	.2	.9
	6	5	.6	.9	1.8
	7	1	.1	.2	2.0
	8	29	3.7	5.3	7.4
	9	14	1.8	2.6	9.9
	10	83	10.7	15.3	25.2
	11	12	1.5	2.2	27.4
	12	185	23.8	34.0	61.4
	13	7	.9	1.3	62.7
	14	40	5.1	7.4	70.0
	15	56	7.2	10.3	80.3
	16	24	3.1	4.4	84.7
	18	19	2.4	3.5	88.2
	20	45	5.8	8.3	96.5
	21	3	.4	.6	97.1
	22	5	.6	.9	98.0
	23	1	.1	.2	98.2
	24	5	.6	.9	99.1
	25	3	.4	.6	99.6
	26	1	.1	.2	99.8
	28	1	.1	.2	100.0
	Total	544	70.0	100.0	
Missing	No Response	230	29.6		
	Error	3	.4		
	Total	233	30.0		
	Total	777	100.0		

39. keeper size for... Brown Trout

	<b>39. keeper size for Rainbow Trout</b>						
	-	Frequency	Percent	Valid Percent	Cum. Percent		
Valid	0	2	.3	.3	.3		
	5	1	.1	.2	.5		
	6	8	1.0	1.2	1.7		
	7	7	.9	1.1	2.8		
	8	51	6.6	7.9	10.6		
	9	28	3.6	4.3	15.0		
	10	135	17.4	20.8	35.8		
	11	25	3.2	3.9	39.7		
	12	242	31.1	37.3	77.0		
	13	10	1.3	1.5	78.5		
	14	40	5.1	6.2	84.7		
	15	48	6.2	7.4	92.1		
	16	15	1.9	2.3	94.4		
	17	3	.4	.5	94.9		
	18	11	1.4	1.7	96.6		
	20	19	2.4	2.9	99.5		
	21	1	.1	.2	99.7		
	22	1	.1	.2	99.8		
	24	1	.1	.2	100.0		
	Total	648	83.4	100.0			
Missing	No Response	126	16.2				
	Error	3	.4				
	Total	129	16.6				
	Total	777	100.0				

39. keeper size for... Rainbow Trout

## 40. What length, to the nearest inch, do you consider trophy size for...

		Brook Trout	Brown Trout	Rainbow Trout
Ν	Valid	486	544	624
	Missing	291	233	153
	Mean	17.29	21.17	20.28
	Median	16.00	20.00	20.00
	Range	29	40	37
	Minimum	7	0	3
	Maximum	36	40	40
	Sum	8405	11515	12655
Percentiles	25	14.00	18.00	18.00
	50	16.00	20.00	20.00
	75	20.00	24.00	24.00

40. trophy size for... Brook Trout

	_	Frequency	Percent	Valid Percent	Cum. Percent
Valid	7	1	.1	.2	.2
	8	6	.8	1.2	1.4
	9	1	.1	.2	1.6
	10	13	1.7	2.7	4.3
	11	4	.5	.8	5.1
	12	55	7.1	11.3	16.5
	13	4	.5	.8	17.3
	14	42	5.4	8.6	25.9
	15	79	10.2	16.3	42.2
	16	50	6.4	10.3	52.5
	17	8	1.0	1.6	54.1
	18	60	7.7	12.3	66.5
	19	2	.3	.4	66.9
	20	80	10.3	16.5	83.3
	21	5	.6	1.0	84.4
	22	7	.9	1.4	85.8
	23	1	.1	.2	86.0
	24	38	4.9	7.8	93.8
	25	12	1.5	2.5	96.3
	26	4	.5	.8	97.1
	28	1	.1	.2	97.3
	30	11	1.4	2.3	99.6
	36	2	.3	.4	100.0
	Total	486	62.5	100.0	
Missing	No Response	289	37.2		
	Error	2	.3		
	Total	291	37.5		
	Total	777	100.0		

-		40. trophy siz	Percent	Valid Percent	Cum. Percent
Valid	0	1	.1	.2	.2
	7	1	.1	.2	.4
	8	1	.1	.2	.6
	9	1	.1	.2	.7
	10	3	.4	.6	1.3
	11	2	.3	.4	1.7
	12	21	2.7	3.9	5.5
	14	17	2.2	3.1	8.6
	15	24	3.1	4.4	13.1
	16	22	2.8	4.0	17.1
	17	4	.5	.7	17.8
	18	50	6.4	9.2	27.0
	20	161	20.7	29.6	56.6
	21	16	2.1	2.9	59.6
	22	30	3.9	5.5	65.1
	23	3	.4	.6	65.6
	24	75	9.7	13.8	79.4
	25	34	4.4	6.3	85.7
	26	15	1.9	2.8	88.4
	27	4	.5	.7	89.2
	28	8	1.0	1.5	90.6
	30	37	4.8	6.8	97.4
	32	2	.3	.4	97.8
	35	2	.3	.4	98.2
	36	8	1.0	1.5	99.6
	40	2	.3	.4	100.0
	Total	544	70.0	100.0	
Missing	No Response	231	29.7		
	Error	2	.3		
	Total	233	30.0		
	Total	777	100.0		

40. trophy size for... Brown Trout

F	-	<b>40. trophy size</b> Frequency	Percent	Valid Percent	Cum. Percent
Valid	3	1	.1	.2	.2
	7	1	.1	.2	.3
	8	1	.1	.2	.5
	10	6	.8	1.0	1.4
	11	2	.3	.3	1.8
	12	20	2.6	3.2	5.0
	13	2	.3	.3	5.3
	14	25	3.2	4.0	9.3
	15	33	4.2	5.3	14.6
	16	38	4.9	6.1	20.7
	17	4	.5	.6	21.3
	18	84	10.8	13.5	34.8
	19	3	.4	.5	35.3
	20	182	23.4	29.2	64.4
	21	16	2.1	2.6	67.0
	22	32	4.1	5.1	72.1
	23	5	.6	.8	72.9
	24	74	9.5	11.9	84.8
	25	41	5.3	6.6	91.3
	26	13	1.7	2.1	93.4
	27	3	.4	.5	93.9
	28	5	.6	.8	94.7
	30	23	3.0	3.7	98.4
	32	2	.3	.3	98.7
	34	1	.1	.2	98.9
	36	6	.8	1.0	99.8
	40	1	.1	.2	100.0
	Total	624	80.3	100.0	
Missing	No Response	151	19.4		
	Error	2	.3		
	Total	153	19.7		
	Total	777	100.0		

40. trophy size for ... Rainbow Trout

41. Strategy: Stock fewer fish at some water bodies so others could be stocked with more trout

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	44	5.7	6.0	6.0
	Somewhat Oppose	98	12.6	13.3	19.3
	Neutral	239	30.8	32.5	51.8
	Somewhat Support	191	24.6	26.0	77.7
	Strongly Support	136	17.5	18.5	96.2
	Don't Know	28	3.6	3.8	100.0
	Total	736	94.7	100.0	
Missing	No Response	41	5.3		
	Total	777	100.0		

## 41. Strategy: Stock fewer fish at some water bodies so others could be stocked with larger trout

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	42	5.4	5.7	5.7
	Somewhat Oppose	94	12.1	12.8	18.5
	Neutral	185	23.8	25.2	43.7
	Somewhat Support	211	27.2	28.7	72.5
	Strongly Support	179	23.0	24.4	96.9
	Don't Know	23	3.0	3.1	100.0
	Total	734	94.5	100.0	
Missing	No Response	43	5.5		
	Total	777	100.0		

## 41. Strategy: Eliminate stocking at water bodies with low use and/or poor access and stock those trout in other areas

	_	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	36	4.6	4.9	4.9
	Somewhat Oppose	79	10.2	10.8	15.7
	Neutral	126	16.2	17.2	32.8
	Somewhat Support	181	23.3	24.7	57.5
	Strongly Support	288	37.1	39.2	96.7
	Don't Know	24	3.1	3.3	100.0
	Total	734	94.5	100.0	
Missing	No Response	43	5.5		
	Total	777	100.0		

41. Strategy: Eliminate stocking at water bodies with low use and/or poor access and stock other
locations with larger trout

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	38	4.9	5.2	5.2
	Somewhat Oppose	85	10.9	11.6	16.8
	Neutral	135	17.4	18.4	35.2
	Somewhat Support	182	23.4	24.9	60.1
	Strongly Support	272	35.0	37.2	97.3
	Don't Know	20	2.6	2.7	100.0
	Total	732	94.2	100.0	
Missing	No Response	44	5.7		
	Error	1	.1		
	Total	45	5.8		
	Total	777	100.0		

## 41. Strategy: Increased minimum size limits (must release fish below a certain length)

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	54	6.9	7.4	7.4
	Somewhat Oppose	113	14.5	15.5	22.8
	Neutral	187	24.1	25.6	48.4
	Somewhat Support	162	20.8	22.2	70.6
	Strongly Support	192	24.7	26.3	96.9
	Don't Know	23	3.0	3.1	100.0
	Total	731	94.1	100.0	
Missing	No Response	44	5.7		
	Error	2	.3		
	Total	46	5.9		
	Total	777	100.0		

## 41. Strategy: Maximum size limits (must release fish above a certain length)

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	127	16.3	17.3	17.3
	Somewhat Oppose	160	20.6	21.8	39.0
	Neutral	188	24.2	25.6	64.6
	Somewhat Support	110	14.2	15.0	79.6
	Strongly Support	125	16.1	17.0	96.6
	Don't Know	25	3.2	3.4	100.0
	Total	735	94.6	100.0	
Missing	No Response	42	5.4		
	Total	777	100.0		

41. Strategy: Slot limits (must release fish within a certain length range, but allowed to keep fish
above and below this range)

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	106	13.6	14.5	14.5
	Somewhat Oppose	121	15.6	16.5	31.0
	Neutral	207	26.6	28.3	59.3
	Somewhat Support	124	16.0	16.9	76.2
	Strongly Support	137	17.6	18.7	94.9
	Don't Know	37	4.8	5.1	100.0
	Total	732	94.2	100.0	
Missing	No Response	43	5.5		
	Error	2	.3		
	Total	45	5.8		
	Total	777	100.0		

## 41. Strategy: Reduced daily creel limits (how many fish can be kept)

	_	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	125	16.1	17.1	17.1
	Somewhat Oppose	153	19.7	21.0	38.1
	Neutral	190	24.5	26.1	64.2
	Somewhat Support	130	16.7	17.8	82.0
	Strongly Support	110	14.2	15.1	97.1
	Don't Know	21	2.7	2.9	100.0
	Total	729	93.8	100.0	
Missing	No Response	45	5.8		
	Error	3	.4		
	Total	48	6.2		
	Total	777	100.0		

## 41. Strategy: Prohibiting the use of natural and artificially scented bait

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	264	34.0	36.1	36.1
	Somewhat Oppose	138	17.8	18.9	55.0
	Neutral	188	24.2	25.7	80.7
	Somewhat Support	34	4.4	4.7	85.4
	Strongly Support	77	9.9	10.5	95.9
	Don't Know	30	3.9	4.1	100.0
	Total	731	94.1	100.0	
Missing	No Response	46	5.9		
	Total	777	100.0		

## 41. Strategy: Limit lures to single-hook artificials only

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	232	29.9	31.7	31.7
	Somewhat Oppose	150	19.3	20.5	52.2
	Neutral	170	21.9	23.2	75.4
	Somewhat Support	61	7.9	8.3	83.7
	Strongly Support	95	12.2	13.0	96.7
	Don't Know	24	3.1	3.3	100.0
	Total	732	94.2	100.0	
Missing	No Response	45	5.8		
	Total	777	100.0		

## 41. Strategy: Catch and release only areas

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	149	19.2	20.3	20.3
	Somewhat Oppose	107	13.8	14.6	34.8
	Neutral	193	24.8	26.3	61.1
	Somewhat Support	121	15.6	16.5	77.6
	Strongly Support	137	17.6	18.6	96.2
	Don't Know	28	3.6	3.8	100.0
	Total	735	94.6	100.0	
Missing	No Response	42	5.4		
	Total	777	100.0		

42. To what extent do you oppose or support each of the following possible statewide daily creel limits?: 8 Rainbow Trout

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	88	11.3	12.1	12.1
	Somewhat Oppose	75	9.7	10.3	22.5
	Neutral	122	15.7	16.8	39.3
	Somewhat Support	109	14.0	15.0	54.3
	Strongly Support	308	39.6	42.4	96.7
	Don't Know	24	3.1	3.3	100.0
	Total	726	93.4	100.0	
Missing	No Response	51	6.6		
	Total	777	100.0		

42. To what extent do you oppose or support each of the following possible statewide daily creel limits?: 7 Rainbow Trout

-		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	146	18.8	21.9	21.9
	Somewhat Oppose	106	13.6	15.9	37.8
	Neutral	148	19.0	22.2	60.1
	Somewhat Support	184	23.7	27.6	87.7
	Strongly Support	55	7.1	8.3	95.9
	Don't Know	27	3.5	4.1	100.0
	Total	666	85.7	100.0	
Missing	No Response	110	14.2		
	Error	1	.1		
	Total	111	14.3		
	Total	777	100.0		

42. To what extent do you oppose or support each of the following possible statewide daily creel
limits?: 6 Rainbow Trout

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	142	18.3	21.3	21.3
	Somewhat Oppose	98	12.6	14.7	35.9
	Neutral	189	24.3	28.3	64.2
	Somewhat Support	114	14.7	17.1	81.3
	Strongly Support	99	12.7	14.8	96.1
	Don't Know	26	3.3	3.9	100.0
	Total	668	86.0	100.0	
Missing	No Response	108	13.9		
	Error	1	.1		
	Total	109	14.0		
	Total	777	100.0		

42. To what extent do you oppose or support each of the following possible statewide daily creel limits?: 5 Rainbow Trout

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	177	22.8	26.5	26.5
	Somewhat Oppose	144	18.5	21.5	48.0
	Neutral	149	19.2	22.3	70.3
	Somewhat Support	85	10.9	12.7	83.0
	Strongly Support	88	11.3	13.2	96.1
	Don't Know	26	3.3	3.9	100.0
	Total	669	86.1	100.0	
Missing	No Response	108	13.9		
	Total	777	100.0		

42. To what extent do you oppose or support each of the following possible statewide daily creel limits?: 4 Rainbow Trout

	_	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	272	35.0	40.9	40.9
	Somewhat Oppose	127	16.3	19.1	60.0
	Neutral	137	17.6	20.6	80.6
	Somewhat Support	47	6.0	7.1	87.7
	Strongly Support	55	7.1	8.3	95.9
	Don't Know	27	3.5	4.1	100.0
	Total	665	85.6	100.0	
Missing	No Response	112	14.4		
	Total	777	100.0		

42. To what extent do you oppose or support each of the following possible statewide daily creel limits?: 3 Rainbow Trout

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	312	40.2	47.0	47.0
	Somewhat Oppose	107	13.8	16.1	63.1
	Neutral	134	17.2	20.2	83.3
	Somewhat Support	44	5.7	6.6	89.9
	Strongly Support	39	5.0	5.9	95.8
	Don't Know	28	3.6	4.2	100.0
	Total	664	85.5	100.0	
Missing	No Response	113	14.5		
	Total	777	100.0		

43. To what extent do you oppose or support each of the following daily creel limits if placed only on certain bodies of water stocked with larger sizes?: 8 Rainbow Trout

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	155	19.9	21.9	21.9
	Somewhat Oppose	101	13.0	14.3	36.2
	Neutral	145	18.7	20.5	56.7
	Somewhat Support	92	11.8	13.0	69.7
	Strongly Support	181	23.3	25.6	95.3
	Don't Know	33	4.2	4.7	100.0
	Total	707	91.0	100.0	
Missing	No Response	70	9.0		
	Total	777	100.0		

43. To what extent do you oppose or support each of the following daily creel limits if placed only on certain bodies of water stocked with larger sizes?: 7 Rainbow Trout

-		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	191	24.6	28.6	28.6
	Somewhat Oppose	113	14.5	16.9	45.4
	Neutral	170	21.9	25.4	70.9
	Somewhat Support	116	14.9	17.3	88.2
	Strongly Support	48	6.2	7.2	95.4
	Don't Know	31	4.0	4.6	100.0
	Total	669	86.1	100.0	
Missing	No Response	108	13.9		
	Total	777	100.0		

43. To what extent do you oppose or support each of the following daily creel limits if placed only on certain bodies of water stocked with larger sizes?: 6 Rainbow Trout

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	170	21.9	25.3	25.3
	Somewhat Oppose	96	12.4	14.3	39.6
	Neutral	190	24.5	28.3	68.0
	Somewhat Support	110	14.2	16.4	84.4
	Strongly Support	74	9.5	11.0	95.4
	Don't Know	31	4.0	4.6	100.0
	Total	671	86.4	100.0	
Missing	No Response	104	13.4		
	Error	2	.3		
	Total	106	13.6		
	Total	777	100.0		

43. To what extent do you oppose or support each of the following daily creel limits if placed only on certain bodies of water stocked with larger sizes?: 5 Rainbow Trout

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	160	20.6	23.7	23.7
	Somewhat Oppose	97	12.5	14.4	38.1
	Neutral	164	21.1	24.3	62.5
	Somewhat Support	107	13.8	15.9	78.3
	Strongly Support	113	14.5	16.8	95.1
	Don't Know	33	4.2	4.9	100.0
	Total	674	86.7	100.0	
Missing	No Response	103	13.3		
	Total	777	100.0		

43. To what extent do you oppose or support each of the following daily creel limits if placed only on certain bodies of water stocked with larger sizes?: 4 Rainbow Trout

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	180	23.2	26.7	26.7
	Somewhat Oppose	97	12.5	14.4	41.1
	Neutral	141	18.1	20.9	62.0
	Somewhat Support	110	14.2	16.3	78.3
	Strongly Support	112	14.4	16.6	95.0
	Don't Know	34	4.4	5.0	100.0
	Total	674	86.7	100.0	
Missing	No Response	103	13.3		
	Total	777	100.0		

43. To what extent do you oppose or support each of the following daily creel limits if placed only on certain bodies of water stocked with larger sizes?: 3 Rainbow Trout

	_	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Oppose	205	26.4	30.6	30.6
	Somewhat Oppose	92	11.8	13.8	44.4
	Neutral	148	19.0	22.1	66.5
	Somewhat Support	71	9.1	10.6	77.1
	Strongly Support	116	14.9	17.3	94.5
	Don't Know	37	4.8	5.5	100.0
	Total	669	86.1	100.0	
Missing	No Response	108	13.9		
	Total	777	100.0		

## 44. Satisfaction: The more trout I catch, the happier I am

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Disagree	40	5.1	5.5	5.5
	Somewhat Disagree	60	7.7	8.2	13.7
	Neutral	95	12.2	13.0	26.7
	Somewhat Agree	267	34.4	36.5	63.2
	Strongly Agree	269	34.6	36.8	100.0
	Total	731	94.1	100.0	
Missing	No Response	45	5.8		
	Error	1	.1		
	Total	46	5.9		
	Total	777	100.0		

44. Satisfaction: Keeping the trout I catch is more enjoyable than releasing them

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Disagree	188	24.2	25.6	25.6
	Somewhat Disagree	162	20.8	22.1	47.7
	Neutral	154	19.8	21.0	68.8
	Somewhat Agree	120	15.4	16.4	85.1
	Strongly Agree	109	14.0	14.9	100.0
	Total	733	94.3	100.0	
Missing	No Response	42	5.4		
	Error	2	.3		
	Total	44	5.7		
	Total	777	100.0		

## 44. Satisfaction: The bigger the trout I catch, the better the fishing trip

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Disagree	34	4.4	4.6	4.6
	Somewhat Disagree	54	6.9	7.3	12.0
	Neutral	86	11.1	11.7	23.6
	Somewhat Agree	281	36.2	38.2	61.8
	Strongly Agree	281	36.2	38.2	100.0
	Total	736	94.7	100.0	
Missing	No Response	41	5.3		
	Total	777	100.0		

## 44. Satisfaction: A fishing trip can be successful even if I catch no trout

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Disagree	46	5.9	6.3	6.3
	Somewhat Disagree	64	8.2	8.7	15.0
	Neutral	104	13.4	14.2	29.2
	Somewhat Agree	276	35.5	37.7	66.9
	Strongly Agree	242	31.1	33.1	100.0
	Total	732	94.2	100.0	
Missing	No Response	44	5.7		
	Error	1	.1		
	Total	45	5.8		
	Total	777	100.0		

44. Satisfaction: Catching a trophy trout is the biggest reward for me

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Disagree	115	14.8	15.7	15.7
	Somewhat Disagree	110	14.2	15.0	30.8
	Neutral	205	26.4	28.0	58.8
	Somewhat Agree	161	20.7	22.0	80.8
	Strongly Agree	140	18.0	19.2	100.0
	Total	731	94.1	100.0	
Missing	No Response	44	5.7		
	Error	2	.3		
	Total	46	5.9		
	Total	777	100.0		

## 44. Satisfaction: When I go trout fishing, I am not satisfied unless I catch something

-	_	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Disagree	128	16.5	17.6	17.6
	Somewhat Disagree	155	19.9	21.3	38.9
	Neutral	148	19.0	20.3	59.2
	Somewhat Agree	192	24.7	26.4	85.6
	Strongly Agree	105	13.5	14.4	100.0
	Total	728	93.7	100.0	
Missing	No Response	45	5.8		
	Error	4	.5		
	Total	49	6.3		
	Total	777	100.0		

## 44. Satisfaction: Bringing trout home to eat is an important outcome of fishing

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Disagree	154	19.8	21.0	21.0
	Somewhat Disagree	105	13.5	14.3	35.4
	Neutral	157	20.2	21.4	56.8
	Somewhat Agree	186	23.9	25.4	82.2
	Strongly Agree	130	16.7	17.8	100.0
	Total	732	94.2	100.0	
Missing	No Response	42	5.4		
	Error	3	.4		
	Total	45	5.8		
	Total	777	100.0		

44. Satisfaction: How I catch a trout is as important to me as actually catching one

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Disagree	56	7.2	7.6	7.6
	Somewhat Disagree	87	11.2	11.9	19.5
	Neutral	223	28.7	30.4	49.9
	Somewhat Agree	226	29.1	30.8	80.7
	Strongly Agree	142	18.3	19.3	100.0
	Total	734	94.5	100.0	
Missing	No Response	42	5.4		
	Error	1	.1		
	Total	43	5.5		
	Total	777	100.0		

## 44. Satisfaction: I am just as happy if I release the trout I catch

	=	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Disagree	54	6.9	7.4	7.4
	Somewhat Disagree	103	13.3	14.1	21.4
	Neutral	131	16.9	17.9	39.3
	Somewhat Agree	207	26.6	28.2	67.5
	Strongly Agree	238	30.6	32.5	100.0
	Total	733	94.3	100.0	
Missing	No Response	43	5.5		
	Error	1	.1		
	Total	44	5.7		
	Total	777	100.0		

## 44. Satisfaction: I like to fish where I know I have a chance to catch a trophy trout

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Disagree	57	7.3	7.8	7.8
	Somewhat Disagree	73	9.4	9.9	17.7
	Neutral	175	22.5	23.8	41.6
	Somewhat Agree	236	30.4	32.2	73.7
	Strongly Agree	193	24.8	26.3	100.0
	Total	734	94.5	100.0	
Missing	No Response	41	5.3		
	Error	2	.3		
	Total	43	5.5		
	Total	777	100.0		

44. Satisfaction: It does not matter to me what type of trout I catch

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Strongly Disagree	15	1.9	2.0	2.0
	Somewhat Disagree	48	6.2	6.5	8.6
	Neutral	129	16.6	17.5	26.1
	Somewhat Agree	294	37.8	39.9	66.0
	Strongly Agree	250	32.2	34.0	100.0
	Total	736	94.7	100.0	
Missing	No Response	40	5.1		
	Error	1	.1		
	Total	41	5.3		
	Total	777	100.0		

45. In what Kentucky county is your permanent residence?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Adair	6	.8	.8	.8
	Allen	11	1.4	1.5	2.3
	Anderson	9	1.2	1.2	3.5
	Barren	8	1.0	1.1	4.5
	Bell	6	.8	.8	5.3
	Boone	19	2.4	2.5	7.9
	Bourbon	3	.4	.4	8.3
	Boyd	7	.9	.9	9.2
	Boyle	11	1.4	1.5	10.7
	Breathitt	3	.4	.4	11.1
	Breckinridge	3	.4	.4	11.5
	Bullitt	11	1.4	1.5	12.9
	Butler	1	.1	.1	13.1
	Calloway	1	.1	.1	13.2
	Campbell	23	3.0	3.1	16.3
	Carter	4	.5	.5	16.8
	Casey	6	.8	.8	17.6
	Christian	2	.3	.3	17.9
	Clark	6	.8	.8	18.7
	Clay	7	.9	.9	19.6
	Clinton	4	.5	.5	20.1
	Cumberland	16	2.1	2.1	22.3
	Daviess	11	1.4	1.5	23.7
	Edmonson	3	.4	.4	24.1
	Elliott	1	.1	.1	24.3
	Estill	4	.5	.5	24.8
	Fayette	44	5.7	5.9	30.7
	Fleming	1	.1	.1	30.8

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Floyd	4	.5	.5	31.3
Franklin	9	1.2	1.2	32.5
Gallatin	4	.5	.5	33.1
Garrard	4	.5	.5	33.6
Grant	13	1.7	1.7	35.3
Green	1	.1	.1	35.5
Greenup	2	.3	.3	35.7
Hardin	18	2.3	2.4	38.1
Harlan	8	1.0	1.1	39.2
Harrison	1	.1	.1	39.3
Hart	5	.6	.7	40.0
Henderson	3	.4	.4	40.4
Henry	2	.3	.3	40.7
Hopkins	2	.3	.3	40.9
Jackson	3	.4	.4	41.3
Jefferson	77	9.9	10.3	51.6
Jessamine	15	1.9	2.0	53.6
Johnson	6	.8	.8	54.4
Kenton	33	4.2	4.4	58.8
Knott	4	.5	.5	59.3
Knox	5	.6	.7	60.0
Larue	2	.3	.3	60.3
Laurel	15	1.9	2.0	62.3
Lawrence	5	.6	.7	62.9
Lee	1	.1	.1	63.1
Letcher	10	1.3	1.3	64.4
Lincoln	4	.5	.5	64.9
Logan	1	.1	.1	65.1
Madison	21	2.7	2.8	67.9
Magoffin	2	.3	.3	68.1
Marion	1	.1	.1	68.3
Marshall	1	.1	.1	68.4
Martin	1	.1	.1	68.5
McCracken	4	.5	.5	69.1
McCreary	8	1.0	1.1	70.1
McLean	1	.1	.1	70.3
Meade	7	.9	.9	71.2
Menifee	1	.1	.1	71.3
Mercer	4	.5	.5	71.9
Metcalfe	4	.5	.5	72.4
Monroe	11	1.4	1.5	73.9
Montgomery	7	.9	.9	74.8
Morgan	2	.3	.3	75.1
Nelson	4	.5	.5	75.6
Ohio	2	.3	.3	75.9

	Oldham	10	1.3	1.3	77.2
	Owen	3	.4	.4	77.6
	Owsley	1	.1	.1	77.7
	Pendleton	4	.5	.5	78.3
	Perry	6	.8	.8	79.1
	Pike	13	1.7	1.7	80.8
	Powell	3	.4	.4	81.2
	Pulaski	29	3.7	3.9	85.1
	Robertson	2	.3	.3	85.3
	Rowan	5	.6	.7	86.0
	Russell	20	2.6	2.7	88.7
	Scott	16	2.1	2.1	90.8
	Shelby	8	1.0	1.1	91.9
	Simpson	5	.6	.7	92.5
	Spencer	4	.5	.5	93.1
	Taylor	1	.1	.1	93.2
	Trigg	1	.1	.1	93.3
	Trimble	2	.3	.3	93.6
	Union	2	.3	.3	93.9
	Warren	20	2.6	2.7	96.5
	Washington	2	.3	.3	96.8
	Wayne	7	.9	.9	97.7
	Whitley	7	.9	.9	98.7
	Wolfe	3	.4	.4	99.1
	Woodford	7	.9	.9	100.0
	Total	750	96.5	100.0	l
Missing	No Response	24	3.1		
	Error	3	.4		
	Total	27	3.5		
	Total	777	100.0		

<b>Fisheries District</b>
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Fisheries District							
		Frequency	Percent	Valid Percent	Cum. Percent		
Valid	Central	338	43.5	45.1	45.1		
	Eastern	63	8.1	8.4	53.5		
	Northeastern	74	9.5	9.9	63.3		
	Northwestern	51	6.6	6.8	70.1		
	Southeastern	121	15.6	16.1	86.3		
	Southwestern	94	12.1	12.5	98.8		
	Western	9	1.2	1.2	100.0		
	Total	750	96.5	100.0			
Missing		27	3.5				
	Total	777	100.0				

46. Which of the following best describes the area where you now live?

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	A city or urban area of 500,000 or more people	90	11.6	12.2	12.2
	A city or urban area of 100,000 to 499,999 people	77	9.9	10.4	22.6
	A city of 50,000 to 99,999 people	53	6.8	7.2	29.8
	A city of 10,000 to 49,999 people	201	25.9	27.2	57.0
	A city or community of less than 10,000 people	318	40.9	43.0	100.0
	Total	739	95.1	100.0	
Missing	No Response	35	4.5		
	Error	3	.4		
	Total	38	4.9		
	Total	777	100.0		

## 47. What is the highest level of formal education you have completed?

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Some high school or less	38	4.9	5.1	5.1
	High school diploma/GED	180	23.2	24.3	29.4
	Vocational or technical degree	80	10.3	10.8	40.2
	Some college	185	23.8	24.9	65.1
	Bachelor's degree	166	21.4	22.4	87.5
	Post-graduate degree	93	12.0	12.5	100.0
	Total	742	95.5	100.0	
Missing	No Response	30	3.9		
	Error	5	.6		
	Total	35	4.5		
	Total	777	100.0		

## 48. What is your marital status?

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Single, never married	108	13.9	14.4	14.4
	Married	538	69.2	71.9	86.4
	Separated or Divorced	94	12.1	12.6	98.9
	Widowed	8	1.0	1.1	100.0
	Total	748	96.3	100.0	
Missing	No Response	28	3.6		
	Error	1	.1		
	Total	29	3.7		
	Total	777	100.0		

## 49. What is your age?

-	Frequency	Percent	Valid Percent	Cum. Percent
Valid 13	1	.1	.1	.1
17	1	.1	.1	.3
18	8	1.0	1.1	1.3
19	7	.9	.9	2.3
20	5	.6	.7	2.9
21	5	.6	.7	3.6
22	6	.8	.8	4.4
23	4	.5	.5	4.9
24	6	.8	.8	5.7
25	4	.5	.5	6.2
26	4	.5	.5	6.8
27	5	.6	.7	7.4
28	6	.8	.8	8.2
29	6	.8	.8	9.0
30	9	1.2	1.2	10.2
31	7	.9	.9	11.1
32	20	2.6	2.7	13.8
33	9	1.2	1.2	15.0
34	12	1.5	1.6	16.6
35	9	1.2	1.2	17.8
36	11	1.4	1.5	19.2
37	12	1.5	1.6	20.8
38	15	1.9	2.0	22.8
39	15	1.9	2.0	24.8
40	10	1.3	1.3	26.1
41	18	2.3	2.4	28.5
42	19	2.4	2.5	31.0
43	22	2.8	2.9	34.0
44	14	1.8	1.9	35.8
45	15	1.9	2.0	37.8
46	17	2.2	2.3	40.1
47	13	1.7	1.7	41.8
48	17	2.2	2.3	44.0
49	24	3.1	3.2	47.2
50	31	4.0	4.1	51.3
51	20	2.6	2.7	54.0
52	23	3.0	3.1	57.0
53	21	2.7	2.8	59.8
54	22	2.8	2.9	62.7
55	19	2.4	2.5	65.3
56	31	4.0	4.1	69.4
57	20	2.6	2.7	72.0
58	23	3.0	3.1	75.1

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	59	19	2.4	2.5	77.6
	60	20	2.6	2.7	80.2
	61	18	2.3	2.4	82.6
	62	26	3.3	3.4	86.1
	63	30	3.9	4.0	90.1
	64	21	2.7	2.8	92.8
	65	21	2.7	2.8	95.6
	66	22	2.8	2.9	98.5
	67	4	.5	.5	99.1
	68	2	.3	.3	99.3
	69	1	.1	.1	99.5
	70	1	.1	.1	99.6
	71	1	.1	.1	99.7
	77	1	.1	.1	99.9
	80	1	.1	.1	100.0
	Total	754	97.0	100.0	
Missing	No Response	23	3.0		
	Total	777	100.0		

## 49. Age categories

-	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Under 24	42	5.4	5.6	5.6
	25-34	82	10.6	10.9	16.5
	35-44	145	18.7	19.3	35.7
	45-54	203	26.1	27.0	62.7
	55-64	227	29.2	30.1	92.8
	65 and over	54	6.9	7.2	100.0
	Total	753	96.9	100.0	
Missing	System	24	3.1		
	Total	777	100.0		

## 50. What is your gender?

_	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Male	620	79.8	82.3	82.3
	Female	133	17.1	17.7	100.0
	Total	753	96.9	100.0	
Missing	No Response	24	3.1		
	Total	777	100.0		

## 51. Do you consider yourself to be Hispanic/Latino?

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	No	739	95.1	99.1	99.1
	Yes	7	.9	.9	100.0
	Total	746	96.0	100.0	
Missing	No Response	31	4.0		
	Total	777	100.0		

## 52. What is your race?

		Frequency	Percent	Valid Percent	Cum. Percent
Valid	Asian	7	.9	.9	.9
	Black or African American	9	1.2	1.2	2.1
	White/Caucasian	718	92.4	95.9	98.0
	Native American or Alaska Native	5	.6	.7	98.7
	Other	2	.3	.3	98.9
	Black+White	2	.3	.3	99.2
	White+Native American	6	.8	.8	100.0
	Total	749	96.4	100.0	
Missing	No Response	22	2.8		
	Error	6	.8		
	Total	28	3.6		
	Total	777	100.0		

## 52. What is your race? Other Listed.

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	-	772	99.4	99.4	99.4
	No Response	2	.3	.3	99.6
	99	1	.1	.1	99.7
	Bosnian	1	.1	.1	99.9
	White Russian	1	.1	.1	100.0
	Total	777	100.0	100.0	

53. Which of the following broad categories best describes your annual total household income?

	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Less than \$10,000	28	3.6	4.0	4.0
	\$10,000 - \$19,999	41	5.3	5.8	9.7
	\$20,000 - \$29,999	62	8.0	8.8	18.5
	\$30,000 - \$39,999	63	8.1	8.9	27.4
	\$40,000 - \$49,999	76	9.8	10.7	38.1
	\$50,000 - \$59,999	68	8.8	9.6	47.7
	\$60,000 - \$69,999	73	9.4	10.3	58.1
	\$70,000 - \$79,999	72	9.3	10.2	68.2
	\$80,000 - \$89,999	48	6.2	6.8	75.0
	\$90,000 - \$99,999	39	5.0	5.5	80.5
	\$100,000 or more	138	17.8	19.5	100.0
	Total	708	91.1	100.0	
Missing	No Response	67	8.6		
	Error	2	.3		
	Total	69	8.9		
	Total	777	100.0		

## 54. Comments

<del></del>	-	Frequency	Percent	Valid Percent	Cum. Percent
Valid	Negative	61	7.9	16.1	16.1
	neutral	1	.1	.3	16.4
	Neutral	188	24.2	49.7	66.1
	Positive	128	16.5	33.9	100.0
	Total	378	48.6	100.0	
Missing		399	51.4		
	Total	777	100.0		