



**Statewide Fisheries Investigations
Federal Aid Project FW-100-P-23**

**2013 Arizona Angler User Days, Fishing
Economics and Angler Demographics**

**Technical Report
15-02**

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2015**

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TABLE OF CONTENTS

Executive Summary.....	1
Introduction.....	2
Methods	3
Calculation.....	3
Results and Discussion	5
Angler User Days	5
Fishing Recreation Economics.....	6
Angler Characteristics and Demographics.....	7
Management Recommendations	8
Literature Cited.....	10
Tables.....	11
Table 1. Arizona Counties and Department Fishing Licenses in 2013	11
Table 2. Examples of Angler User Day Calculations – Arizona and Roosevelt Lake.....	11
Table 3. RIMS II Economic Model Outputs.....	12
Table 4. Estimated Angler User Days (x1000) by survey year	12
Table 5. Top 10 Waters ranked by Total Angler User Days (AUD) for 2001 and 2013.....	12
Table 6. Top 10 Waters ranked by Trout Angler User Days (AUD) for 2001 and 2013	12
Table 7. Top 10 Waters ranked by Non-Trout Angler User Days for 2001 and 2013.....	13
Table 8. 2013 Angler User Days by Arizona Game and Fish Department Regions.....	13
Table 9. 2013 Angler User Days by USGS 6 Digit Hydrologic Unit Code Watershed	13
Table 10. Economic Impact of Fishing in Arizona, 2001 and 2013.....	14
Table 11. Descriptive statistics for fishing trips and days per trip for 2001 and 2013.....	14
Table 12. Number of waters fished by anglers in 2001 and 2013	14
Table 13. Mean and median age by gender for individuals who fished by survey year.....	14
Table 14. 2013 Arizona angler and State population age group comparison.....	15
Table 15. 2013 Arizona angler and State population ethnicity comparison.....	15
Table 16. 2013 Arizona angler and State population household income comparison.....	15
Table 17. Top 20 Arizona city residencies of anglers who fished in 2001 and 2013	16
Table 18. Top 10 State residencies of anglers who fished in 2001 and 2013	16
Figures	17
Figure 1. Trout/Non-Trout angling proportions by survey year	17
Figure 2. Mean and Median Days Fished by survey year.....	17
Figure 3. Female/Male proportions by survey year for individuals who fished.....	17
Figure 4. Nonresident/Resident percentages by survey year for individuals who fished	18
Appendixes	19

Appendix A. State of Arizona 2013 Angling Summary	19
Appendix B. 2013 Angling Summary by Arizona County	21
Appendix C. 2013 Angling Summary by Arizona Game and Fish Department Region.....	49
Appendix D. 2013 Angling Summary by Six Digit USGS Hydrological Unit Code	61
Appendix E. Community Fishing Program 2013 Angling Summary.....	87
Appendix F. 2013 Angling Summary by the Top 32 State Waters.....	89
Appendix G. 2013 Estimated Angler User Days by State Water	155
Appendix H. State Waters Ranked by the 2013 Estimated Angler User Days.....	159
Appendix I. 2013 Estimated Angler User Days by Arizona County	163
Appendix J. 2013 Estimated Angler User Days by Arizona Game & Fish Dept. Region	171
Appendix K. 2013 Estimated Angler User Days by USGS 6 Digit Hydrological Unit Code ...	177
Appendix L. 2013 Angler Survey – Days Fished Statistics by State Water & Residency	185
Appendix M. 2013 Angler User Days by State Water and County with Economic Values	189

EXECUTIVE SUMMARY

The participation estimates and descriptive statistics presented in this report are informational tools to be used by fisheries managers. Facets of this data influence the Departments' Sportfish planning efforts and prioritization exercises at a State, watershed or regional level. As such, there are no hypotheses to test statistically.

Since the start of these statewide angler surveys in 1986; angler use indicators along with other basic information has been collected. Outlined below are key trends and findings from this and past angler surveys:

- Angler user days peaked in 1992 at 7.4 million. The 2013 estimate of 6 million shows a decline in activity; however this estimate is an increase of 900,000 from the low of 5.1 million AUD in 2001. Declining license sales, increase in travel costs, competition with other recreational activities, drought conditions and the economic recession are all possible influences in the decline of fishing recreation since 1992.
- The proportion of trout to non-trout fishing in Arizona has remained relatively consistent since the start of these surveys through 2001 with an average of 27 percent and 73 percent respectively. In 2013 a shift occurred with an increase of 9 percentage points in trout angling (36%). This increase in trout fishing recreation may have been affected by the growth in both the State fish hatchery output and Community Fishing Program locations. It should be noted that the change in the 2013 angler survey questionnaire may have influenced the results.
- Just under one fifth (18%) of the fishing activity in 2013 come from the top three waters of Roosevelt Lake, Lake Pleasant and Saguaro Lake. Forty eight percent of all angling recreation comes from the top 10 waters in Arizona.
- The population in Arizona is concentrated in the Phoenix metropolitan area, and is associated with several major water projects. Angler use coincides with these two key variables. Five of the top 10 waters in 2013 are within a two hour trip length from the Phoenix area. This was also observed in 2001; anglers take advantage of fishing opportunities close to home.
- The Departments' Region VI which includes the Phoenix metropolitan area provides 42 percent of the overall fishing recreation in the State. This Region also supplies the bulk of the warmwater angling with 2 million AUD. As expected, the White Mountain area (Region I) produces most of the States' trout fishing at 842,000 angler user days (39%).
- Twenty seven percent or 1.6 million AUD occur within the Salt River (150601) drainage. This watershed, along with the Lower Colorado (150301) is responsible for 50 percent of the warmwater fishing activity. One third of all trout angling (700,677 AUD) comes from the Little Colorado River (150200) system.
- The Departments' Community Fishing Program (formally the Urban Fishing Program) has played an important role in trout and non-trout fishing activities. In 2013 this program is

responsible for 11 percent of the States' angling recreation (Appendix E), a three percent increase from 2001.

- The direct expenditures by anglers in Arizona as grown 15 percent since 2001 to \$957 million. This recreational spending created 20,038 jobs with \$565 million in wages and \$61.9 million in State tax revenues. The total multiplier effect of these angling dollars produced a \$1.47 billion economic impact to Arizona, 26.7 percent increase from 2001. Angling activity on public waters generates a significant impact to the Arizona economy.
- On average in 2013 Arizona anglers spent 20.4 days fishing. These anglers took 15.6 fishing trips during the year with an average of 1.8 days per trip. Seventy nine percent of the anglers fished from 1 to 3 waters in 2013. Approximately one third (35.9%) of the 2013 licensed angler fished at only one location.
- Demographics: As observed in past surveys, males dominated the 2013 licensed anglers at 82 percent. Median age of a male angler has increased from 43 years in 1989 to 55 years in 2013. A similar change has occurred in the female portion as well (45 to 53 years). Over 70 percent of the Arizona anglers in 2013 are between 45 to 80 years of age. Eighty-five percent of these fishers identify themselves as white with six percent answering Latino with respect to ethnicity. Just over half (56.2%) of the angler household incomes are above \$60,000 per year. The majority of individuals fishing the State are residents (90%) with over 40 percent residing in the Phoenix metropolitan area. Neighboring states, such as, California, Colorado, Nevada, New Mexico, and Utah produce the bulk of nonresident fishers.

INTRODUCTION

The Arizona Game and Fish Department (Department) contracted Responsive Management a public opinion and attitude survey research firm specializing in natural resource and outdoor recreation to conduct the 2013 Statewide Arizona Angler Survey. The survey determined anglers' opinions on various regulations, their satisfactions and dissatisfactions with fishing in Arizona, their fishing locations and methods typically used, and their fishing-related expenditures in Arizona during 2013 (Duda et al, 2014). Responsive Management developed two reports from this survey effort: "*ARIZONA ANGLERS' OPINIONS, ATTITUDES, AND EXPENDITURES IN THE STATE*" and "*2013 ECONOMIC IMPACT OF FISHING IN ARIZONA*". This report focuses on a subset of the data gathered by Responsive Management in greater detail; angler activity (estimated angler user days), relative economic values based on angler recreation and angler demographics. This information is organized and described in several categories/groups useful for the Department's fisheries management and planning activities. Previous angler survey reports (Persons 1992; Pringle 1994 and 2004) and unpublished 1995 survey data will be presented for comparison or trend purposes where applicable. Be aware that angler survey sample designs and methods have changed over this time span and may not be directly comparable.

METHODS

Responsive Management obtained the survey data by telephone and the Internet using a sample of 2013 licensed Arizona anglers obtained from the Department. The survey was conducted from November 25, 2013, to January 14, 2014. Responsive Management collected over 6,000 survey responses stratified by county. For the complete details regarding the sample design, survey administration and quality control refer to the report “*ARIZONA ANGLERS’ OPINIONS, ATTITUDES, AND EXPENDITURES IN THE STATE*” (Duda, et. al., 2104).

From this Responsive Management dataset the Fisheries Branch used this information to go into greater detail by water or groups of waters with respect to estimated angler user days extrapolated for license sales, relative economic impacts based on fishing pressure and angler demographics (Appendices A to F). The information presented is for public State waters that require a Department fishing license. Private and Tribal waters were excluded.

Data used in this report was modified using a multiple variable normalized weighting scheme (Vaske, 2008). Based on the previous three year average, two variables; license type and angler resident county were used to adjust the data to reflect the real world distribution of these key attributes. When using and evaluating the calculated statistics and estimates in this report the reader needs to be reminded of two inherent biases not addressed in the 2013 study design. Survey respondents were asked to recall their fishing activities for the past year, which leads to a “Recall Bias”. Also individuals who fished a considerable number of days tend to respond more frequently than people that did not fish or fished very little, resulting in a “Non-response Bias”. Although these biases produce estimates that may overestimate actual values, past angler surveys have shown a non-response bias of four percent or less. Recall bias was not examined in this or past angler surveys and may have a greater influence on respondents overestimating the days they fished. Due to tight timelines, budgetary constraints and changes to the sample design, this study was unable to address and correct for these two principle biases. The results presented provide valuable information with respect to fishing pressure, demographics, and relative economic values.

Calculations

After initial analysis and test of angler user day calculations it was determined that a more in-depth weighting adjustment was required than that used by Responsive Management to accurately represent the States angler user days. Responsive Management collected survey data with a target number of responses per county. This was done primarily to obtain an appropriate number per county for economic input/output modeling. They then weighted the data for each county so that it represented its portion of the state total of all licensed anglers (Duda et al, 2014). Historically the Department has extrapolated angling recreation from fishing license sales not population numbers, therefore the need to alter the weighting method was required.

The information presented in this report is weighted by Arizona County (15 + Out-of-State) and Department fishing license type (17), Table 1, using a multiple variable normalized weighting scheme (Vaske, 2008). Based on the previous three year (2010 to 2012) average distribution of these two variables the data was adjusted to reflect the actual distribution of these key elements.

Angler user days (AUD) were extrapolated from the 2013 fishing license sales of 349,877. The 17 license types listed in Table 1 were moved into two categories for AUD calculations, resident and nonresident licenses. This reduction of license classes offers two main advantages. The “Mean Days Fished” (column (D), Table 2) is calculated using a higher “n” value (column (b), Table 2). Two means by residency versus 17 means for each license type produces a more realistic average “Days Fished” value by category when estimating AUD at a location scale. Second, it helps simplify future AUD estimations with respect to changing license structures, such as the expansion or reduction of license types available.

Individual waterbody AUD values are computed as a percentage of the Statewide AUD estimate of 6,009,716. As demonstrated in Table 2, Roosevelt Lakes’ initial AUD value is 434,858, or 7.55% of the sum of the individual water estimates (5,762,362). This percentage is then applied to the State value to produce an estimate of 453,525. The rationale for this AUD waterbody adjustment is twofold. AUD estimates at the State level have a higher precision due to the large “n” value used to determine the mean days fished. Second, all AUD estimates have a common base for consistencies when comparing or grouping waters.

It needs to be emphasized that AUD are estimates, based solely on the number of survey respondents who fished that water. Therefore, in low use water bodies the variability of the user day estimates will be high due to the low number of responses.

In past Department angler surveys, respondents were asked to report the days they fished for trout and non-trout (warmwater species) by water or area. In the 2013 survey this question was modified due to the questionnaire length and a change in angler contact method, phone/internet versus previous surveys administered by mail. Individuals reported the days fished by water only. Anglers were later asked to estimate the percentage of time they spent fishing for each species in Arizona during 2013. Using data primarily from this question, along with previous angler surveys and current creel studies, the amount of trout fishing activity was estimated for those waters where both trout and warmwater angling opportunities exist (Appendix A).

Fishing expenditure data from the 2013 Angler Survey was used to determine the economic impact of angling at the state and county level using the Bureau of Economic Analysis Input-Output Modeling System (RIMS II) (Fedler, 2014). Outputs from this modeling system produced dollar estimates for fishing trip and equipment expenditures, State taxes, wages and the economic multiplier effect (indirect and induced impacts) angling recreation has on Arizona. The county level economic values exclude expenditures while traveling between the county of residence and other counties for fishing. Thus, county angler expenditure and associated economic impact totals, when summed, will be lower than the statewide total (Fedler, 2014). For a more in depth discussion regarding the list of expenditure variables and RIMS II model calculations refer to the “*2013 ECONOMIC IMPACT OF FISHING IN ARIZONA*” (Fedler, 2014) publication.

The economic values described in this report by individual waters or larger scale categories are based on the proportion of their AUD multiplied by the State or County level model outputs. For example; Roosevelt Lake generates 7.55% of the AUD in Arizona, therefore it produces \$15,531,377 in food and restaurant expenditures based on the State value of \$205,713,606 (Appendices C and F). This approach was applied to the eleven RIMS II economic model outputs listed in Table 3 for the waters

and groups of waters reported except those grouped by county (Appendix B).

This method creates “relative” economic values at a State level based on angling activity and differs in the methodology used by Fedler (2014):

“Procedures for calculating direct expenditures for each waterbody consisted of four steps. The first was to multiply the mean daily in-county expenditure by the number of AUDs attributed to county residents where the waterbody was located. Second, the mean daily out-of-county expenditure made by out-of-county Arizona residents fishing the waterbody was multiplied by the appropriate AUDs for Arizona non-county residents. Third, the mean expenditure made in a destination county by non-residents was multiplied by non-resident AUDs for the waterbody. The sum of these three calculations is the total direct expenditures attributed to a given waterbody.”

This approach, albeit the more desirable method was not used due to the different water groups (i.e. Department Regions, USGS 6 Digit HUC Watersheds, etc.) presented in this publication from those in Fedler (2014). Budgetary and time constraints limited this more in depth analysis.

Thirteen waters had a weighted n value below 1 (column (b), Table 2) or the percent of total angler user days fell below 0.01%. These low activity waters are not listed individually but grouped into the miscellaneous category, they account for 0.02% of the Arizona fishing recreation (Appendix G).

RESULTS AND DISCUSSION

Angler User Days

In 2013 anglers spent a total of 6,009,716 days fishing in Arizona, a 17.6% increase from 2001. Of those user days, 2,137,515 were from trout fishing (36%) with the remaining 3,871,135 for all other fish (64%). Community Fishing Program waters had an estimated angler use of 676,286 days or 11 percent of total use. Low activity miscellaneous waters (13) comprised 1,066 AUD. The Peak angling activity of 7.4 million AUD occurred in 1992 (Table 4). Declining license sales, increase in travel costs, competition with other recreational activities, drought conditions and the economic recession are all possible influences in the decline of fishing recreation since 1992. The portion of trout to non-trout angling has remained relatively constant through 2001 at an average of 27% of the total AUD (Figure 1).

The data tables presented in this section are general summaries of this fishing use information. Appendixes G through K contain tables of angler user days organized at various levels of detail. Caution needs to be taken when comparing angler user days to previous survey years. Due to license structure changes over time, survey questionnaire redesign and sampling/contact methodology modifications, the comparison of fishing use estimates may not be directly comparable.

Appendix G summarizes 2013 AUD results, trout and non-trout, from the survey in alphabetical order. From this list, three tables were generated ranking the top ten waters by total, trout and non-trout angler use. 2001 AUD data (Pringle, 2004) is included for comparison purposes.

Several of the waters with the highest overall use are close to the Phoenix Metropolitan area (Table 5). In 2013 Roosevelt Lake had just under a half a million user days or 7.55% of total fishing activity in the State. Of the top 10 waters listed, six in 2001 and five in 2013 are within a day trip of the Phoenix area. Anglers are showing opportunistic traits and using waters close to home.

Organizing waters by trout AUD produces results similar to previous surveys in that trout angling occurs primarily in areas that are managed as put and take or put, grow and take fisheries (Table 6). Mogollon Rim lakes, such as Woods Canyon and Willow Springs are examples of intense trout stocking programs. Big Lake is a put, grow and take trout water. Trout anglers also preferred the trophy water of Lees Ferry on the Colorado River, ranked second in 2001 and third in 2013, to a high degree. Although Native American Reservation waters in Arizona produce a considerable amount of trout fishing they are excluded from the AUD calculations since a Department fishing license is not required to fish these areas and angler use is extrapolated for State license sales.

Ranking water bodies by non-trout fishing activity (Table 7) creates a list similar to that of Table 5, total AUD. This is not unexpected since over two thirds of the fishing activity is for non-trout species. There is consistency in the top six water locations from 2001 to 2013. Although the order changes within the top six, Bartlett, Havasu, Pleasant, Powell, Roosevelt, and Saguaro account for just under one half of the warmwater angling; 47% in 2001 and 44% in 2013.

Angler use estimates were grouped by the Department's six Field Operation Regions (Table 8). Region I (Pinetop) has the highest percentage of coldwater angling with Region VI (Mesa) producing 52% of the warmwater fishing recreation. Overall Region VI tops the list at just over 2.5 million total AUD followed by Regions I, IV, II, III, and V. Appendix J presents Department regional angler use information in greater detail.

AUD data was also grouped by major drainages in the State using the US Geologic Survey (USGS) 6 Digit Hydrologic Unit Code watersheds (Appendix D and Table 9). As expected, the Little Colorado (150200) and Salt (150601) drainage areas produce close to 60% of the States' trout fishing recreation. The majority of warmwater angler use, 50%, occurs within the Salt (150601) and Lower Colorado (150301) drainages. Overall four watersheds; Little Colorado (150200), Lower Colorado (150301), Salt (150601), and Verde (150602) generate 68% of all fishing activity by Arizona license holders.

Both Tables 8 and 9 do not include angler user day information from the miscellaneous waters.

Fishing Recreation Economics

Using data from Silberman (2003) and Fedler (2014) a comparison of economic changes between 2001 and 2013 can be evaluated (Table 10). Salaries and wages generated from angling activity had the greatest change since 2001, more than doubling over the past twelve years. Trip related expenditures also exhibited an increase in three of the four categories; Food, Restaurant (99%), Transportation (65%) and Lodging (41%). Fishing equipment decreased by one third of the 2001 estimates, a 73.2 million dollar drop in expenditures.

It should be noted that the Silberman (2003) values are based on a different economic input-output model, Minnesota IMPLAN Group, than that used by Fedler (2014) for the 2013 angler survey data (RIMS II). Although these are two different economic models the output numbers are comparable. In 2001, Silberman (2003) did not separate fishing from hunting impacts in four areas: Total Multiplier Effect, Salaries and Wages, Full-Time and Part-Time Jobs, and State Tax Revenues. The values listed in Table 10 for these four categories are based on the proportion total fishing expenditures (86.6%) to total hunting expenditures (13.4%).

Angler Characteristics and Demographics

On average Arizona anglers in 2013 spent 20.4 days fishing (Figure 2). Since 1986 the average days fished has increased with the highest average days fished (22.7) reached in 1992. Fishing activity has leveled off since 2001 to an average around 20 days per year. These statistics, mean and median days fished follow the angler user day estimates closely over time.

Individuals who fished in Arizona during 2013 took on average 15 fishing trips (Table 11). One person recorded a maximum of 300 trips, a very avid angler. However, the majority of anglers took multiple one-day trips for fishing. A more conservative approach would be using the median values of six fishing trips per year with a length of one day per trip.

In 2001 just under one half (49%) of the active anglers fished between 1 to 2 waters, this increased to 62.8% in 2013 (Table 12). Twelve percent of the license holders who fished in 2013 fished five or more waters; this is over a 50% reduction from 2001 at 26.2 percent. This drop in the number of fishing locations per year may, in part, be due to the high increase in transportation costs, such as fuel, and the economic recession that occurred during this time period. Anglers are spending more time at fewer locations when comparing mean values.

In 2013 the majority of licensed Arizona anglers who fished were males at 82 percent. This dominance by the male gender in fishing recreation is 32 percentage points above the States' male population census estimate of 50 percent (U.S. Census Bureau-DP05, 2015). The distribution of male and female anglers has changed little compared to previous years (Figure 3).

The median age of active anglers since 1989 has increased (Table 13). Median age of a male angler has gone from 43 years in 1989 to 55 years in 2013. A similar change has occurred in the female portion as well (45 to 53 years). A shift in the relationship between the mean and median values for both female and male ages occurred after 1995. In 1989, 1992 and 1995 the mean age for both genders was greater than the median. 2001 and 2013 the association reversed with the median age greater than the mean. This reversal indicates an increase in the number of younger licensed anglers actively fishing Arizona waters. Possible influence for this change may be the Department offering a youth combination (hunt and fish) and family fishing licenses since 1993 and 1999, respectively, to help increase the participation of younger individuals.

Comparing the 2013 Arizona angler age groups with the States' census values reveals a higher proportion (23.1%) of individuals older than 44 years of age (Table 14). The 55 to 64 age group has the high different at a plus 12 percent. In the younger age categories, the 25 to 34 group is 9.5 percent lower than that of the general population.

The majority of Arizona anglers in 2013 identify themselves as white with respect to ethnicity (Table 15). This ethnic category is 27.8 percent above the census estimated proportion for the State. All other groups are underrepresented compared to the Arizona values with the Latino segment the highest at a negative 23.5 percent.

Although the household income groups investigated in the 2013 angler survey do not match exactly those of the U.S. Census Bureau (Table 16) some contrasts can be noted. Active anglers' income levels in 2013 are slightly above those of the general population with the "\$100,000 or more" group at 4.8 percent. The lowest household income level is below the States' estimated value by approximately 14 percent.

The majority of the States license holders who fished in 2013 are residents at 90 percent (Figure 4). The percent of nonresident anglers has varied since 1986. During this period the nonresident segment that fished declined from a high of 15 percent in 1986 to the low value of six percent in 2001. This reduction maybe tied to the license fee increases during the 1990's. Nonresident charges were increased to the maximum allowed, which may have adversely influenced that groups fishing participation.

Over 40 percent of the anglers who fished in 2013 live in communities associated with the Phoenix metropolitan area (Table 17). This is not surprising when you consider the States' population density distribution mirrors that of angler distribution.

Neighboring states, such as, California, Colorado, Nevada, New Mexico, and Utah produce the bulk of nonresident fishers (Table 18). In 2001 over half of the nonresident anglers (5.3%) came from these states, 3.1%. The percentage from the adjacent States dropped in 2013 to 2.5%.

MANAGEMENT RECOMMENDATIONS

There is no direct management recommendations offered from this report other than using the information provided in management activities. User activity estimates and other descriptive numbers are useful tools for data driven management decisions. There are, however, a few recommendations regarding the Sportfish program and future statewide angler surveys. These suggestions will hopefully increase Sport fishing recreation and improve statewide angler survey estimate accuracy.

1. If the Department wishes to mirror the general population in its fishing license holders it needs to improve in three demographic areas. Efforts in angler outreach and recruitment need to focus on increasing the proportion of female, ethnically diverse, younger anglers. Currently the female angler segment is 32 percent below that of the general population. The data also reveals a deficit of over 30 percent in the non-white ethnic categories and an underrepresentation of 23 percent in anglers below 45 years of age. To increase and maintain support with fishing recreation on state public waters the Arizona Game and Fish Department needs to better replicate the demographic makeup of the general population.

2. Sample randomness needs to be improved. Currently there is no mechanism in place to capture independent license dealer sales in a timely manner, 77% of the fishing licenses sold in 2013. Without this data we must rely solely on the Departments Office/Internet sales. This creates a license type bias in the sample which will influence the accuracies of the data collected. If an electronic license point-of-sale system is ever initiated, this problem would be corrected. Otherwise, sufficient time and funding should be planned to manually enter data from independent outlets.
3. The effects of recall and non-response biases on the days fished reported by respondents must be determined. From past angler surveys, when a multiple mailing occurred, the non-response bias was estimated to be between four to three percent, a low impact bias. Recall bias, however, has never been addressed and is believed to have a greater influence on anglers overestimating the days they fished in the past 12 months. At the State level, AUD estimates from this survey are 24.5% higher than those from the 2011 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation value of 4,825,000 fishing days. To address this issue the next statewide angler survey needs to incorporate a method to reduce the recall overestimates. This can be accomplished by decreasing the reporting timespan, i.e. three months versus 12 months. For example, a sample of licensed anglers would be contacted in early April to report on their fishing activities in the previous three months, January through March. This process would be repeated with a different sample of licensed anglers in July for the April through June activity. Duplicating this procedure in October and January, each with a different group of anglers, will complete the 12 month period. By interviewing a different group of anglers at each stage will eliminate the likelihood of anglers overestimating the days they fished. An added benefit of this survey design is the ability to capture seasonal fishing recreation levels by waters or groups of waters.
4. In 2014 the Department went to a 365 day fishing and hunting license structure. This change from the traditional calendar year license will introduce a set of issues that need to be dealt with in the next survey design. One key question is the time period the angler reports fishing activity. The angling interval is linked to when the individual purchased the fishing license and therefore must be considered if you expand estimates to a calendar year. The survey design outlined in number three above will alleviate this issue. If angler recreation estimates are to be comparable with past survey efforts, the 12 month fishing timespan should be maintained.
5. It may advantageous to add back the trout category to the “Days Fished” question (see page 4). In past statewide angler survey’s respondents were asked to report the days they fished at each location for “Non-trout” and “Trout”. This data offers increased accuracies on waters where both warmwater and coldwater angling occur. The information also assists the Department hatcheries on allocating trout production to appropriate waters.
6. Finally, the Fisheries Branch needs to keep the survey questionnaire length short and focused on the primary study objectives; fishing recreation by water, angler demographics and economic impacts (when the budget allows). Ideally statewide angler surveys should be tied to the planning cycles. Surveys of this nature need to be administered every five years to obtain fishing activity and angler demographics. Economic impacts of angling recreation can

be investigated on a ten year rotation due to the additional cost of this type of analysis.

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TABLES

Table 1. Arizona Counties and Department Fishing Licenses in 2013.

Arizona County:	Department Fishing License Type:
Apache	Resident General Fishing
Cochise	Resident Combination Hunt & Fish
Coconino	Resident Super Conservation Fishing
Gila	Resident Super Conservation Combination Hunt & Fish
Graham	Resident Family Fishing Primary Adult
Greenlee	Resident Family Fishing Legal Spouse
La Paz	Resident Family Combination Hunt & Fish Primary Adult
Maricopa	Resident Family Combination Hunt & Fish Legal Spouse
Mohave	Resident One Day Fishing
Navajo	Nonresident Combination Hunt & Fish
Pima	Nonresident Super Conservation Fishing
Pinal	Nonresident Colorado River Only Fishing
Santa Cruz	Nonresident Four Month Fishing
Yavapai	Nonresident Five Day Fishing
Yuma	Nonresident One Day Fishing
Out-of-State	Res./Nonres. Youth Combination Hunt & Fish
	Res./Nonres. Urban Fishing

Table 2. Examples of Angler User Day Calculations – Arizona and Roosevelt Lake.

Estimated 2013 Angler User Days extrapolated from license sales for Arizona

License Type	Licenses Sold by End of 2013 (A)	% of All Anglers Who Fished in 2013 (B)	Number of Survey Respondents Who Fished (a)	Number Who Fished in Arizona (b)	Proportion of Anglers Fishing Arizona (C)=(b/a)	Mean Days Fished in Arizona (D)	Estimated Angler User Days in Arizona (A*B*C*D)	% of Arizona Angler User Days Spent Fishing by Residency
Resident	312,273	85.35%	4,667	4,667	1.00000	21.48	5,724,957	95.26%
Nonresident	37,604	80.99%	477	477	1.00000	9.35	284,759	4.74%
<i>Arizona Total:</i>							<i>6,009,716</i>	<i>100.00%</i>

Estimated 2013 Angler User Days extrapolated from license sales for Roosevelt Lake

License Type	Licenses Sold by End of 2013 (A)	% of All Anglers Who Fished in 2013 (B)	Number of Survey Respondents Who Fished (a)	Number Who Fished at Roosevelt Lake (b)	Proportion of Anglers Fishing Roosevelt Lake (C)=(b/a)	Mean Days Fished at Roosevelt Lake (D)	Estimated Angler User Days at Roosevelt Lake (A*B*C*D)	% of Angler User Days Spent Fishing at Roosevelt Lake from the Sum of Waters (5,762,362)
Resident	312,273	85.35%	4,667	862	0.18470	8.37	412,034	
Nonresident	37,604	80.99%	477	54	0.11321	6.62	22,824	
Initial Subtotal:							434,858	7.55%
<i>Roosevelt Lake Total:</i>							<i>453,525</i>	<i>(7.55%*6,009,716)</i>

Table 3. RIMS II Economic Model Outputs.

CATEGORY	ECONOMIC OUTPUT
Total Economic Impacts:	Direct Expenditures Multiplier Effect Salaries and Wages Full-Time and Part-Time Jobs State Tax Revenues
Fishing Expenditures – Trip-Related:	Food, Restaurant Lodging Transportation Other
– Equipment:	Fishing Auxiliary

Table 4. Estimated Angler User Days (x1000) by survey year.

	1986	1989	1992	1995	2001	2013
Trout	1,797	1,954	2,140	1,764	1,441	2,138
Non-Trout	4,996	5,419	5,272	5,017	3,666	3,871
Total	6,793	7,373	7,412	6,781	5,107	6,009

Table 5. Top 10 Waters ranked by Total Angler User Days for 2001 and 2013.

Rank	2001		2013	
	Water	Total AUD	Water	Total AUD
1	Lake Pleasant	520,581	Roosevelt Lake	453,525
2	Roosevelt Lake	317,973	Lake Pleasant	349,144
3	Bartlett Lake	229,178	Saguaro Lake	288,179
4	Lake Powell	223,982	Lake Havasu	278,129
5	Saguaro Lake	216,714	Bartlett Lake	277,334
6	Lake Havasu	213,887	Big Lake	163,678
7	Colo. Riv. – Yuma Area	199,910	Colorado River - Topock Area	160,125
8	Canyon Lake	184,874	Woods Canyon Lake	155,019
9	Alamo Lake	165,577	Canyon Lake	151,123
10	Apache Lake	157,974	Patagonia Lake	149,332

Table 6. Top 10 Waters ranked by Trout Angler User Days for 2001 and 2013.

Rank	2001		2013	
	Water	Trout AUD	Water	Trout AUD
1	Big Lake	124,576	Big Lake	163,678
2	Colo. River – Lees Ferry	78,776	Woods Canyon Lake	155,019
3	Woods Canyon Lake	67,832	Colo. River - Lees Ferry	105,775
4	Willow Springs Lake	53,423	Willow Springs Lake	84,758
5	Ashurst Lake	48,086	Saguaro Lake	59,451
6	Greer Area Lakes	36,591	Tonto Creek	56,416
7	Show Low Lake	27,136	Fool Hollow Lake	52,148
8	Black River – East Fork	25,040	Lynx Lake	49,860
9	Luna Lake	24,600	Bear Canyon Lake	49,471
10	Canyon Lake	23,434	Dead Horse Lake	49,129

Table 7. Top 10 Waters ranked by Non-Trout Angler User Days for 2001 and 2013.

Rank	2001		2013	
	Water	Non-Trout AUD	Water	Non-Trout AUD
1	Lake Pleasant	520,581	Roosevelt Lake	453,525
2	Roosevelt Lake	317,973	Lake Pleasant	349,144
3	Bartlett Lake	229,178	Lake Havasu	278,129
4	Lake Powell	223,982	Bartlett Lake	277,334
5	Lake Havasu	213,887	Saguaro Lake	228,728
6	Saguaro Lake	205,141	Lake Powell	130,377
7	Colo. Riv. – Yuma Area	199,910	Colorado River - Topock Area	122,320
8	Alamo Lake	165,577	Colo. Riv. Ehrenberg to Yuma	115,183
9	Canyon Lake	161,440	Patagonia Lake	110,162
10	Apache Lake	147,383	Canyon Lake	106,677

Table 8. 2013 Angler User Days by Arizona Game and Fish Department Regions.

Region	Trout			Non-Trout			Total	
	AUD	Col %	Row %	AUD	Col %	Row %	AUD	%
I (Pinetop)	841,966	39	85	152,617	4	15	994,582	17
II (Flagstaff)	308,294	14	54	264,602	7	46	572,896	10
III (Kingman)	232,073	11	38	384,782	10	62	616,855	10
IV (Yuma)	15,857	1	2	722,560	19	98	738,417	12
V (Tucson)	232,201	11	42	326,724	8	58	558,926	9
VI (Mesa)	507,123	24	20	2,019,851	52	80	2,526,974	42
Total:	2,137,515	100	36	3,871,135	100	64	6,008,650	100

Table 9. 2013 Angler User Days by USGS 6 Digit Hydrologic Unit Code (HUC) Watershed.

6 Digit HUC Watershed	Trout			Non-Trout			Total	
	AUD	Col %	Row %	AUD	Col %	Row %	AUD	%
Upper Colo.-Dirty Devil (140700)	0	0	0	130,377	3	100	130,377	2
Lower Colo.-Lake Mead (150100)	155,550	7	66	80,111	2	34	235,661	4
Little Colorado (150200)	700,677	33	75	239,091	6	25	939,769	16
Lower Colorado (150301)	63,767	3	7	833,019	22	93	896,785	15
Bill Williams (150302)	0	0	0	88,760	2	100	88,760	1
Upper Gila (150400)	33,943	2	38	56,354	1	62	90,297	2
Middle Gila (150501)	141,611	7	39	219,708	6	61	361,319	6
San Pedro-Willcox (150502)	7,017	0	88	992	0	12	8,009	0
Santa Cruz (150503)	205,729	10	43	275,953	7	57	481,682	8
Salt (150601)	547,551	26	34	1,078,740	28	66	1,626,291	27
Verde (150602)	192,288	9	32	402,844	10	68	595,132	10
Lower Gila-Agua Fria (150701)	80,416	4	16	435,941	11	84	516,357	9
Lower Gila (150702)	8,966	0	23	29,245	1	77	38,212	1
Total:	2,137,515	100	36	3,871,135	100	64	6,008,650	100

Table 10. Economic Impact of Fishing in Arizona, 2001 and 2013.

ECONOMIC MODEL OUTPUT	2001	2013	% Change
TOTAL ECONOMIC IMPACTS			
Direct Expenditures (million)	\$832	\$957	15.0%
Total Multiplier Effect (billion)	\$1.16	\$1.47	26.7%
Salaries and Wages (million)	\$273	\$565	107.0%
Full-Time and Part-Time Jobs	14,921	20,038	34.3%
State Tax Revenues (million)	\$50.5	\$61.9	22.6%
DIRECT ECONOMIC IMPACTS			
Total Trip-Related (million)	\$416.0	\$558.9	34.4%
<i>Food, Restaurant</i>	\$103.3	\$205.7	99.1%
<i>Lodging</i>	\$56.1	\$79.1	41.0%
<i>Transportation</i>	\$102.9	\$170.0	65.2%
<i>Other</i>	\$153.7	\$104.2	-32.2%
Total Equipment Expenditures (million)	\$415.5	\$398.4	-4.1%
<i>Fishing Equipment</i>	\$212.8	\$139.6	-34.4%
<i>Auxiliary Equipment</i>	\$202.7	\$258.9	27.7%

Table 11. Descriptive statistics for fishing trips and days per trip for 2001 and 2013.

	n	Mean	Std. Error	Variance	Median	Minimum	Maximum
2013							
Total Fishing Trips	4,975	15.6	0.393	769.36	6	1	300
Days per Trip	4,975	1.8	0.033	5.32	1	1	150
2001							
Total Fishing Trips	6,973	15.4	0.279	544.51	8	1	300
Days per Trip	6,781	1.6	0.017	1.89	1	1	21

Table 12. Number of waters fished by anglers in 2001 and 2013.

Waters Fished	2001		2013	
	%	Cumulative %	%	Cumulative %
1	27.3	27.3	35.9	35.9
2	21.5	48.8	26.9	62.8
3	14.8	63.6	16.4	79.2
4	10.2	73.8	8.8	88.0
5	7.6	81.4	5.6	93.6
6	5.3	86.7	2.8	96.4
7	3.7	90.4	1.3	97.7
8	2.5	92.9	0.7	98.4
9	2.1	95.0	1.6	100.0
10 or more	5.0	100.0		

Table 13. Mean and median age by gender for individuals who fished by survey year.

	Female		Male	
	Mean	Median	Mean	Median
1989	46	45	55	43
1992	45	44	47	46
1995	51	44	51	46
2001	48	50	49	50
2013	50	53	52	55

Table 14. 2013 Arizona angler and State population age group comparison.

2013 Anglers		Arizona*		Differents
Age Group	%	Age Group	%	%
16 to 17	2.7	15 to 19	9.1	-6.4
18 to 24	6.7	20 to 24	9.2	-2.5
25 to 34	7.7	25 to 34	17.2	-9.5
35 to 44	11.8	35 to 44	16.5	-4.7
45 to 54	20.3	45 to 54	16.7	3.6
55 to 64	26.9	55 to 64	14.9	12.0
65 to 80	23.9	65 to 84	16.4	7.5

*Data from U.S. Census Bureau-DP05, 2015

Table 15. 2013 Arizona angler and State population ethnicity comparison.

	2013 Anglers	Arizona*	Differents
Ethnicity	%	%	%
White	85.1	57.3	27.8
Latino	6.4	29.9	-23.5
Black	1.6	3.9	-2.3
American Indian	1.3	4.0	-2.7
Asian	1.1	2.8	-1.7
Other/Mixed Race	4.5	2.1	2.4

*Data from U.S. Census Bureau-DP03, 2015

Table 16. 2013 Arizona angler and State population household income comparison.

2013 Anglers		Arizona*		Differents
Household Income	%	Household Income	%	%
Under \$20,000	9.7	Under \$25,000	24.1	-14.4
\$20,000 - \$39,999	16.3	\$25,000 - \$34,999	11.2	5.1
\$40,000 - \$59,999	17.8	\$35,000 - \$49,999	14.8	3.0
\$60,000 - \$79,999	19.2	\$50,000 - \$74,999	18.6	0.6
\$80,000 - \$99,999	12.9	\$75,000 - \$99,999	12.0	0.9
\$100,000 or more	24.1	\$100,000 or more	19.3	4.8

*Data from U.S. Census Bureau-DP03, 2015

Table 17. Top 20 Arizona city residencies of anglers who fished in 2001 and 2013.

Rank	2001		2013	
	Arizona City	%	Arizona City	%
1	Phoenix	16.1	Phoenix	15.3
2	Tucson	12.3	Tucson	11.7
3	Mesa	9.4	Mesa	9.3
4	Glendale	6.0	Glendale	5.4
5	Flagstaff	5.6	Scottsdale	4.8
6	Yuma	3.8	Chandler	3.4
7	Scottsdale	3.5	Flagstaff	3.3
8	Kingman	2.9	Gilbert	3.2
9	Peoria	2.8	Waddell	2.9
10	Chandler	2.4	Yuma	2.9
11	Gilbert	1.9	Lake Havasu City	1.8
12	Lake Havasu City	1.7	Tempe	1.6
13	Apache Junction	1.6	Prescott	1.5
14	Tempe	1.5	Payson	1.3
15	Prescott	1.3	Show Low	1.3
16	Payson	1.1	Kingman	1.2
17	Lakeside	1.1	Sierra Vista	1.2
18	Cave Creek	1.1	Casa Grande	1.1
19	Show Low	0.9	Bullhead City	1.0
20	Prescott Valley	0.9	Prescott Valley	1.0
	All Others	22.1	All Others	24.8

Table 18. Top 10 State residencies of anglers who fished in 2001 and 2013.

Rank	2001		2013	
	State	%	State	%
1	Arizona	94.7	Arizona	89.3
2	California	2.0	California	1.5
3	Nevada	0.3	Colorado	0.6
4	Colorado	0.3	Idaho	0.6
5	Texas	0.3	Minnesota	0.6
6	New Mexico	0.3	Massachusetts	0.6
7	Utah	0.2	Wisconsin	0.6
8	Washington	0.2	New Mexico	0.4
9	Minnesota	0.1	Iowa	0.4
10	Idaho	0.1	Oregon	0.4
	All Others	1.5	All Others	5.0

FIGURES

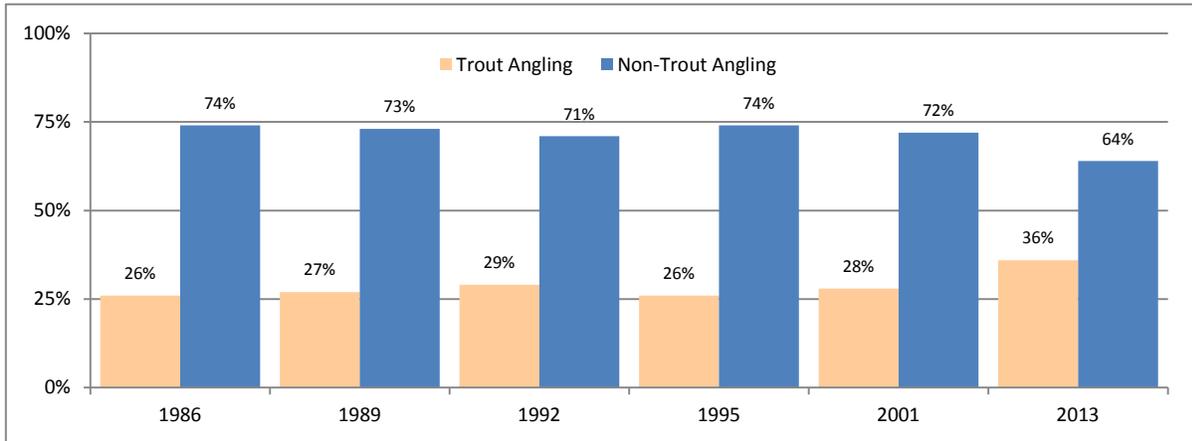


Figure 1. Trout/Non-Trout angling proportions by survey year.

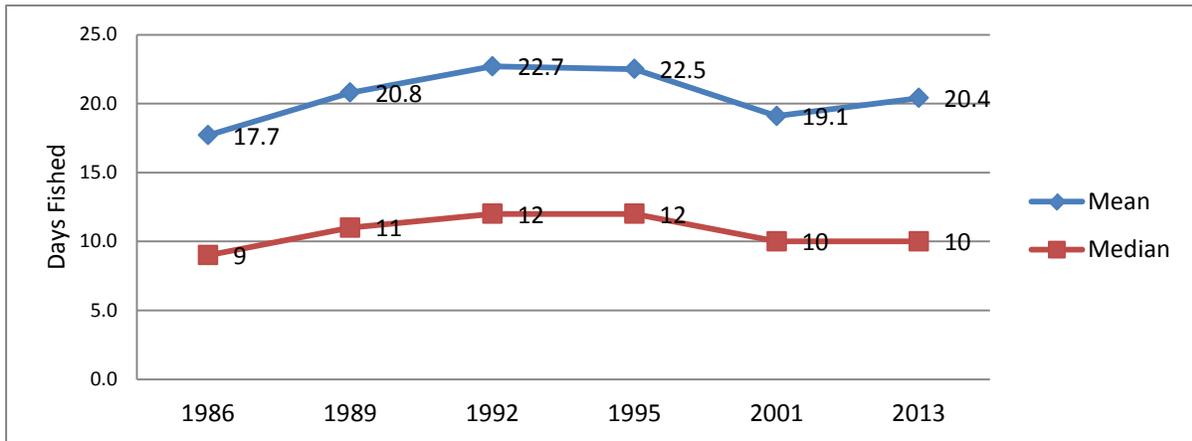


Figure 2. Mean and Median Days Fished by survey year.

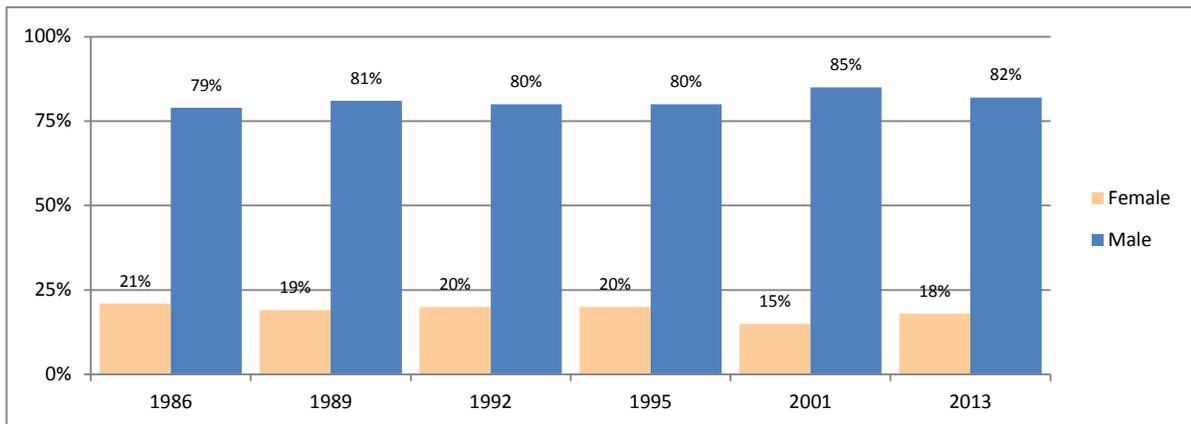


Figure 3. Female/Male proportions by survey year for individuals who fished.

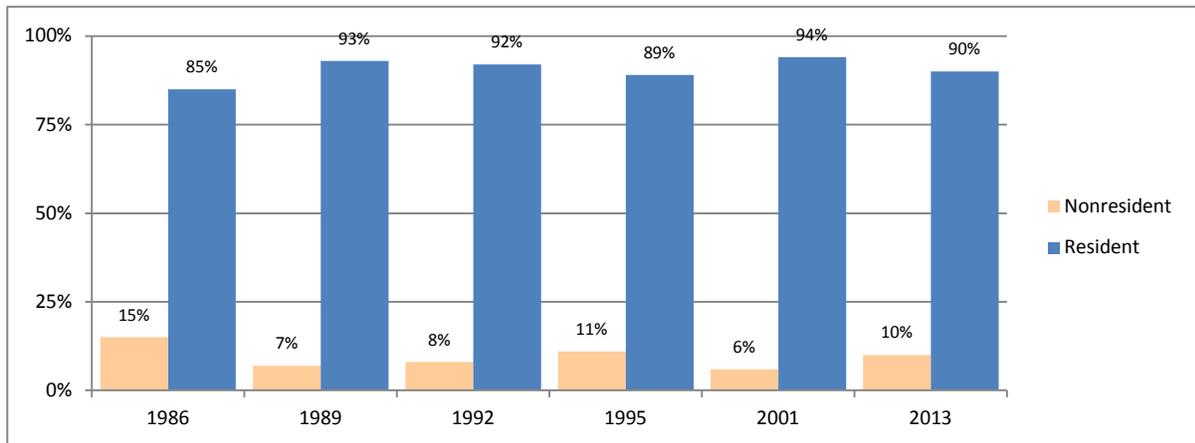


Figure 4. Nonresident/Resident percentages by survey year for individuals who fished.

STATE OF ARIZONA – 2013 ANGLING SUMMARY

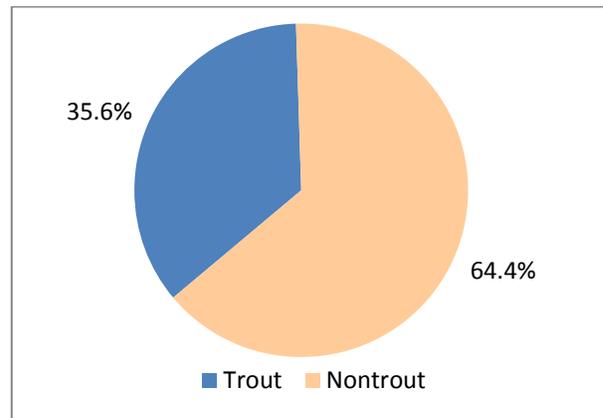
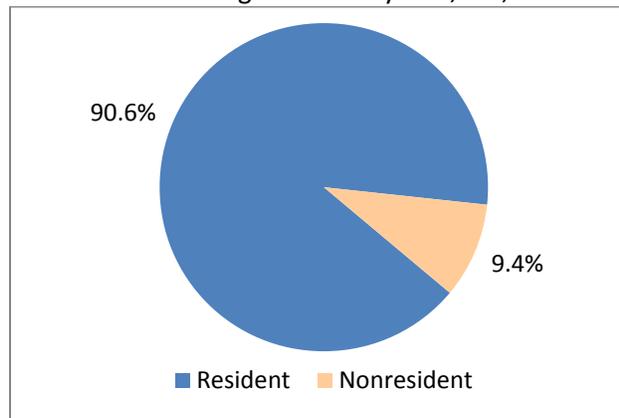
State of Arizona waters survey respondents fished:

Ackre Lake*	Colorado River - Parker Strip Area	Green Valley Lake	Martinez Lake	Scholze Lake*
Alamo Lake	Colorado River - Topock Area	Greer Area Lakes - Bunch, River, Tunnel	Mingus Lake	Scotts Reservoir
Alvord Lake	Coors Lake*	Growler Pond	Mittry Lake	Show Low Lake
Apache Lake	Cortez Lake	Haugler Creek	Nelson Reservoir	Silver Creek
Arivaca Lake	Council Park Pond (Somerton)	Huffer Tank*	Nutriso Reservoir*	Silverbell Lake
Ashurst Lake	Crescent Lake	Hulsey Lake*	Oak Creek	Steele Indian School Pond
ASU Research Park	Crystal Gardens Water Treatment Fac.	JD Dam	Parker Canyon Lake	Surprise Lake
Bartlett Lake	Dankworth Pond*	Kaibab Lake	Patagonia Lake	Tempe Town Lake
Bear Canyon Lake	Dead Horse Lake	Kennedy Lake	Pena Blanca Lake	Tonto Creek (Salt River Drainage)
Becker Lake	Desert Breeze Lake	Kinnikinnick Lake	Perkins Tank	Verde River (Bartlett Dam to Fort
Big Lake	Dogtown Reservoir	Kiwanis Lake	Phoenix Area Canals	McDowell Indian Reservation)
Black Canyon Lake	Dude Creek*	Knoll Lake	Pratt Lake*	Verde River (Sullivan Lk to Perkinsville)
Black River, East Fork	Eagle Creek	Lake Havasu	Rainbow Lake	Verde River (Sycamore Ck to Childs)
Black River, West Fork	East Clear Creek	Lake Mary (Lower)	Red Mountain Lake	Veterans Oasis Lake
C.C. Cragin (Blue Ridge) Reservoir	East Verde River	Lake Mary (Upper)	Redondo Lake	Water Ranch Lake
Canyon Creek	Elk Tank*	Lake Mead	Riggs Flat Lake	Watson Lake
Canyon Lake	Encanto Lake	Lake Mohave	Rio Vista Pond	West Clear Creek*
Carnero Lake	Evelyn Hallman Pond	Lake Pleasant	Roosevelt Lake	Wet Beaver Creek
Catatract Lake	Fain Lake	Lake Powell	Roper Lake	White Mountain Lake*
Chaparral Lake	Fool Hollow Lake	Lakeside Lake	Rose Canyon Lake	Whitehorse Lake
Chevelon Lake	Fortuna Pond (Moser Pond)	Lee Valley Lake	Saguaro Lake	Willow Springs Lake
Christopher Creek	Francis Short Pond	Little Colorado River (Greer)	Sahuarita Lake	Woodland Reservoir
City Reservoir	Frye Mesa Reservoir	Little Colorado River (Sheep's Crossing)	Salt River (Above Roosevelt)	Woods Canyon Lake
Clear Creek Reservoir	Gila River - Phoenix Area	Long Lake	Salt River (Below Saguaro)	Workman Creek*
Cliff Ranch Ponds	Gila River - Safford Area	Luna Lake	San Francisco River	Yuma Area Canals
Colorado Riv. Ehrenberg/Blythe to Yuma	Goldwater Lake	Lyman Lake	San Pedro River	Yuma West Wetlands Pond
Colorado River - Lees Ferry	Granite Basin Lake	Lynx Lake	Santa Fe Lake	

*Miscellaneous Water due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

Angler Activity:

State of Arizona Angler User Days = 6,009,709



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	4,561.4	21.02	0.462	1	305	471.1	9.29	0.825	1	196	5,032.5	19.93	0.429	1	305
Fishing Trips	4,505.4	16.56	0.426	1	300	469.4	6.38	0.695	1	196	4,974.7	15.60	0.393	1	300
Days per Trip	4,505.4	1.68	0.027	1	101	469.4	2.51	0.228	1	150	4,974.7	1.75	0.033	1	150
Waters Fished	4,561.4	2.58	0.026	1	9	471.1	1.52	0.048	1	8	5,032.5	2.48	0.024	1	9

Economic Impacts:

DIRECT ECONOMIC EXPENDITURES	
TOTAL TRIP-RELATED	\$558,942,897
Food, Restaurant	\$205,713,606
Lodging	\$79,052,870
Transportation	\$170,002,797
Other	\$104,173,623
TOTAL EQUIPMENT	\$398,464,383
Fishing	\$139,562,160
Auxiliary	\$258,902,223

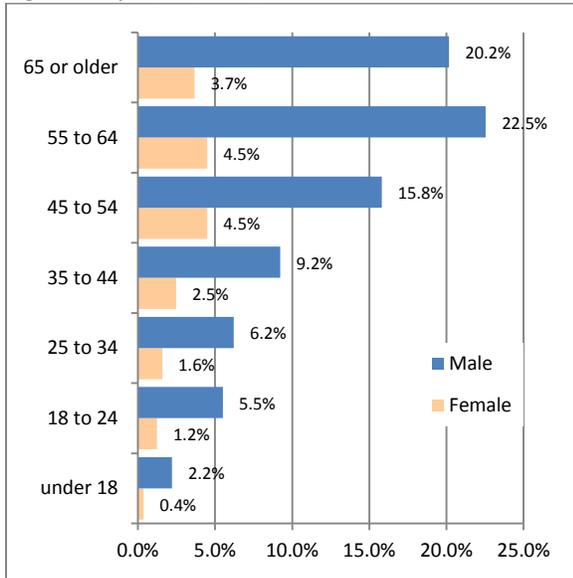
TOTAL ECONOMIC IMPACT	
DIRECT EXPENDITURES	\$957,407,280
TOTAL MULTIPLIER EFFECT	\$1,472,008,607
SALARIES AND WAGES	\$564,842,053
FULL-TIME & PART-TIME JOBS	20,038
STATE TAX REVENUES	\$61,928,026

Data from: "2013 ECONOMIC IMPACT OF FISHING IN ARIZONA", Anthony Fedler, PhD. and Responsive Management.

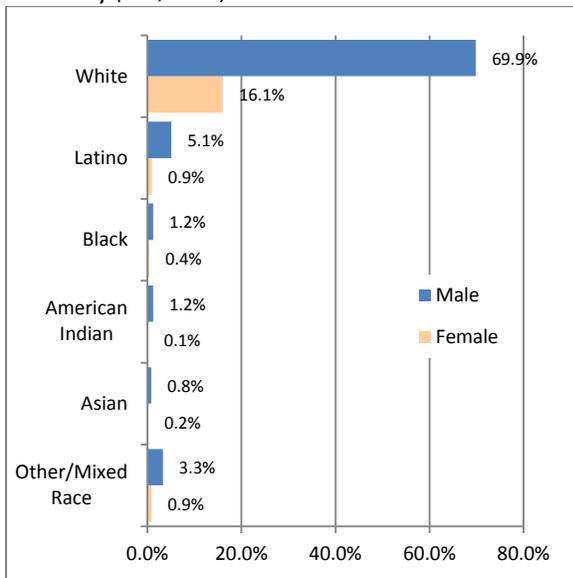
State of Arizona Demographics:

Age/Gender	Male	Female	Total
n	4,109.9	922.6	5,032.5
%	81.7	18.3	100.0
Mean	51.8	50.1	51.5
Std. Error	0.249	0.489	0.223
Median	55	53	55

Age Groups (n=5,032.5)



Ethnicity (n=4,923.3)



Household Income (n=4,187.8)	n	%
Under \$20,000	405.9	9.7
\$20,000 - \$39,999	680.6	16.3
\$40,000 - \$59,999	747.3	17.8
\$60,000 - \$79,999	802.2	19.2
\$80,000 - \$99,999	542.3	12.9
\$100,000 - \$119,999	372.6	8.9
\$120,000 or more	637.0	15.2

State Residency (n=5,032.5)	n	%
AZ	4,541.6	90.2
CA	59.4	1.2
MA	34.8	0.7
CO	30.7	0.6
MN	30.6	0.6
ID	27.7	0.6
WI	26.8	0.5
NM	23.6	0.5
All Others	257.3	5.1

Arizona City (n=4,541.6)	n	%
PHOENIX	695.3	15.3
TUCSON	529.8	11.7
MESA	422.0	9.3
GLENDALE	247.5	5.4
SCOTTSDALE	218.2	4.8
CHANDLER	156.0	3.4
FLAGSTAFF	148.4	3.3
GILBERT	145.3	3.2
WADDELL	132.9	2.9
YUMA	129.6	2.9
LAKE HAVASU CITY	82.6	1.8
TEMPE	71.2	1.6
PRESCOTT	69.3	1.5
PAYSON	59.1	1.3
SHOW LOW	58.0	1.3
KINGMAN	54.1	1.2
SIERRA VISTA	53.1	1.2
CASA GRANDE	47.9	1.1
BULLHEAD CITY	47.3	1.0
PRESCOTT VALLEY	47.1	1.0
FOUNTAIN HILLS	42.6	0.9
QUEEN CREEK	37.4	0.8
COTTONWOOD	37.1	0.8
VAIL	34.9	0.8
SAFFORD	33.1	0.7
CHINO VALLEY	32.0	0.7
SAN TAN VALLEY	30.1	0.7
GLOBE	22.0	0.5
LAKESIDE	21.4	0.5
FLORENCE	20.7	0.5
All Others	815.6	17.9

APACHE COUNTY – 2013 ANGLING SUMMARY

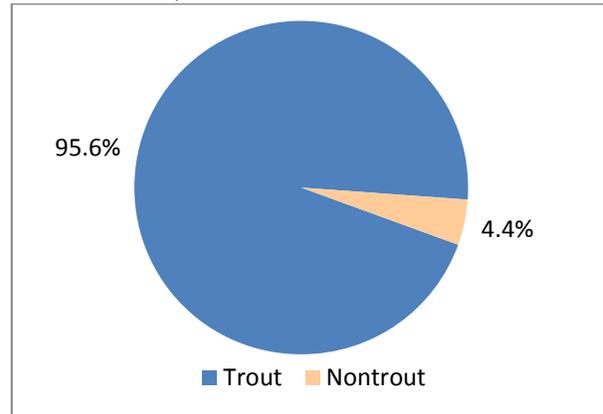
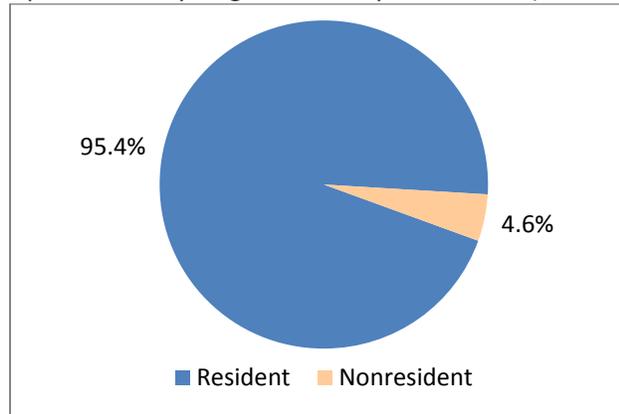
Apache County waters survey respondents fished:

Becker Lake	Crescent Lake	Luna Lake
Big Lake	Greer Area Lakes - Bunch, River, Tunnel	Lyman Lake
Black River, East Fork	Lee Valley Lake	Nelson Reservoir
Black River, West Fork	Little Colorado River (Greer)	Nutriosio Reservoir*
Carnero Lake	Little Colorado River (Sheep's Crossing)	Pratt Lake*

*Miscellaneous Water due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

Angler Activity:

Apache County Angler User Days = 360,847 (6.00% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	760.9	7.59	0.413	1	200	36.7	6.11	0.956	1	23	797.6	7.52	0.397	1	200
Fishing Trips	752.7	4.74	0.337	1	200	36.7	4.11	0.774	1	23	789.4	4.71	0.323	1	200
Days per Trip	752.7	2.10	0.071	1	29	36.7	1.77	0.162	1	5	789.4	2.09	0.068	1	29
Waters Fished*	760.9	1.64	0.036	1	9	36.7	1.86	0.162	1	5	797.6	1.65	0.035	1	9

*Waters Fished in Apache County.

Economic Impacts:

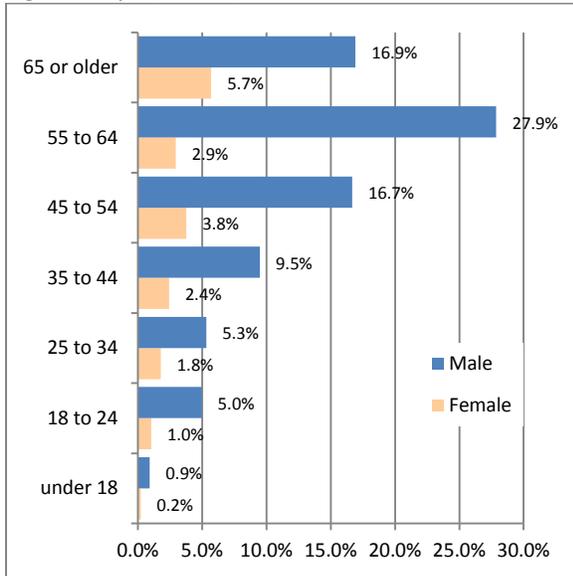
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$22,662,603	DIRECT EXPENDITURES	\$29,508,494
Food, Restaurant	\$7,902,262	TOTAL MULTIPLIER EFFECT	\$33,831,394
Lodging	\$6,456,387	SALARIES AND WAGES	\$4,181,936
Transportation	\$5,767,997	FULL-TIME & PART-TIME JOBS	475
Other	\$2,535,957	STATE TAX REVENUES	\$1,597,594
TOTAL EQUIPMENT	\$6,845,891		
Fishing	\$2,472,606		
Auxiliary	\$4,373,285		

Data from: "2013 ECONOMIC IMPACT OF FISHING IN ARIZONA", Anthony Fedler, PhD. and Responsive Management.

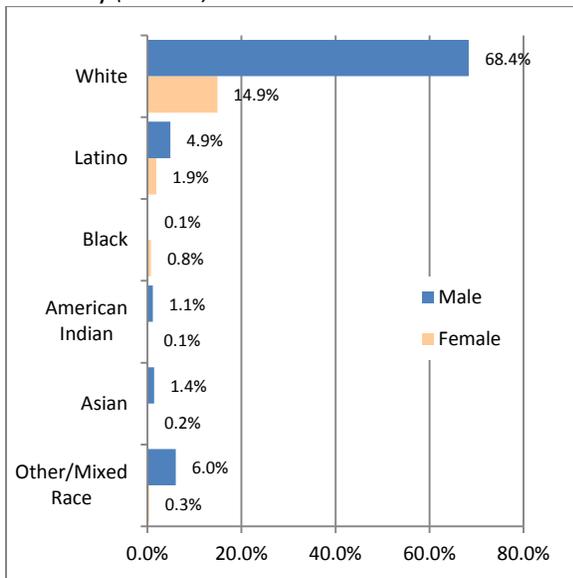
Apache County Demographics:

Age/Gender	Male	Female	Total
n	654.9	142.6	797.6
%	82.1	17.9	100.0
Mean	52.5	51.5	52.4
Std. Error	0.581	1.267	0.528
Median	56	54	56

Age Groups (n=797.6)



Ethnicity (n=785.9)



Household Income (n=684.9)	n	%
Under \$20,000	37.8	5.5
\$20,000 - \$39,999	79.9	11.7
\$40,000 - \$59,999	109.6	16.0
\$60,000 - \$79,999	152.1	22.2
\$80,000 - \$99,999	100.1	14.6
\$100,000 - \$119,999	65.5	9.6
\$120,000 or more	139.8	20.4

State Residency (n=797.6)	n	%
AZ	759.7	95.2
NM	15.5	1.9
MA	12.3	1.5
All Others	10.2	1.3

Arizona City (n=759.7)	n	%
TUCSON	111.1	14.6
PHOENIX	96.7	12.7
MESA	57.2	7.5
SCOTTSDALE	42.4	5.6
SHOW LOW	30.5	4.0
CHANDLER	27.5	3.6
TEMPE	21.1	2.8
GLENDALE	17.5	2.3
PINETOP	16.8	2.2
EAGAR	14.7	1.9
FOUNTAIN HILLS	14.3	1.9
SPRINGERVILLE	13.2	1.7
SAFFORD	12.1	1.6
LAKESIDE	11.5	1.5
FLAGSTAFF	11.4	1.5
PRESCOTT	10.8	1.4
QUEEN CREEK	10.3	1.4
THATCHER	10.1	1.3
CASA GRANDE	8.9	1.2
SURPRISE	8.6	1.1
CLIFTON	8.6	1.1
VAIL	8.0	1.1
SIERRA VISTA	7.6	1.0
PAYSON	7.3	1.0
YUMA	6.6	0.9
All Others	174.9	23.0

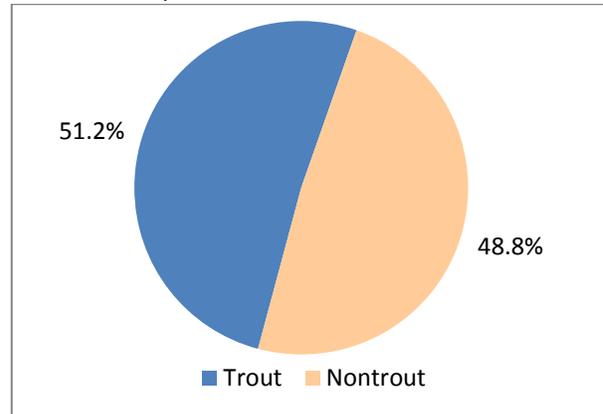
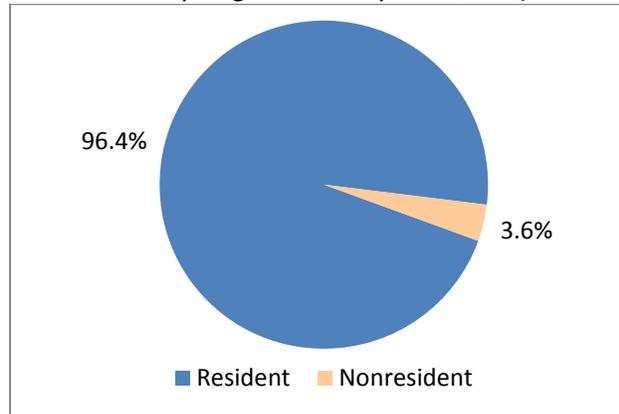
COCHISE COUNTY – 2013 ANGLING SUMMARY

Cochise County waters survey respondents fished:

Parker Canyon Lake San Pedro River

Angler Activity:

Cochise County Angler User Days = 67,947 (1.13% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	165.7	6.41	1.174	1	224	6.1	11.39	13.061	1	100	171.8	6.58	1.212	1	224
Fishing Trips	161.6	5.00	1.114	1	224	6.1	3.64	3.153	1	25	167.7	4.95	1.079	1	224
Days per Trip	161.6	1.49	0.089	1	9	6.1	1.54	0.407	1	4	167.7	1.49	0.087	1	9
Waters Fished*	165.7	1.01	0.006	1	2	6.1	1.00	0.000	1	1	171.8	1.01	0.006	1	2

*Waters Fished in Cochise County.

Economic Impacts:

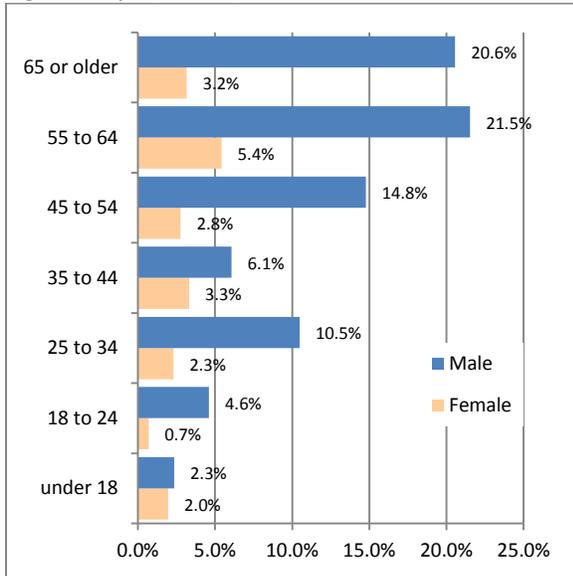
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$6,762,387	DIRECT EXPENDITURES	\$13,119,121
Food, Restaurant	\$2,770,741	TOTAL MULTIPLIER EFFECT	\$15,701,625
Lodging	\$445,259	SALARIES AND WAGES	\$2,479,204
Transportation	\$2,674,699	FULL-TIME & PART-TIME JOBS	200
Other	\$871,668	STATE TAX REVENUES	\$687,669
TOTAL EQUIPMENT	\$6,356,734		
Fishing	\$1,797,455		
Auxiliary	\$4,559,280		

Data from: "2013 ECONOMIC IMPACT OF FISHING IN ARIZONA", Anthony Fedler, PhD. and Responsive Management.

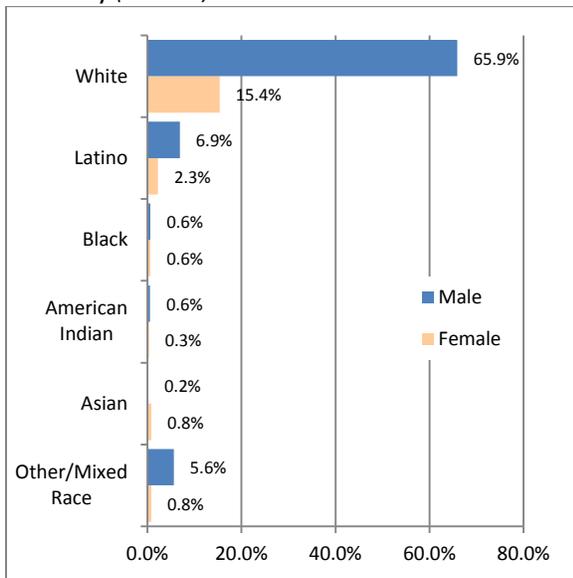
Cochise County Demographics:

Age/Gender	Male	Female	Total
n	138.1	33.8	171.8
%	80.4	19.6	100.0
Mean	50.9	47.4	50.2
Std. Error	1.416	2.979	1.280
Median	55	51	55

Age Groups (n=171.8)



Ethnicity (n=167.1)



Household Income (n=143.9)	n	%
Under \$20,000	9.2	6.4
\$20,000 - \$39,999	26.2	18.2
\$40,000 - \$59,999	26.2	18.2
\$60,000 - \$79,999	29.1	20.2
\$80,000 - \$99,999	24.7	17.2
\$100,000 - \$119,999	15.1	10.5
\$120,000 or more	13.4	9.3

State Residency (n=171.8)	n	%
AZ	165.7	96.4
KS	1.5	0.9
MA	1.5	0.9
UT	1.5	0.9
CA	1.1	0.6
ME	0.6	0.4

Arizona City (n=165.7)	n	%
TUCSON	68.3	41.2
SIERRA VISTA	36.8	22.2
HEREFORD	10.0	6.0
VAIL	8.9	5.4
HUACHUCA CITY	8.8	5.3
MARANA	4.6	2.7
BENSON	4.3	2.6
BISBEE	3.3	2.0
TOMBSTONE	2.2	1.3
FORT HUACHUCA	2.0	1.2
MT LEMMON	1.7	1.0
SONOITA	1.3	0.8
AMADO	1.2	0.7
CORONA DE TUCSON	1.1	0.7
YUMA	1.0	0.6
ORACLE	1.0	0.6
RIO RICO	1.0	0.6
DOUGLAS	0.9	0.6
SAINT DAVID	0.8	0.5
PRESCOTT	0.8	0.5
PRESCOTT VALLEY	0.8	0.5
All Others	4.9	3.0

COCONINO COUNTY – 2013 ANGLING SUMMARY

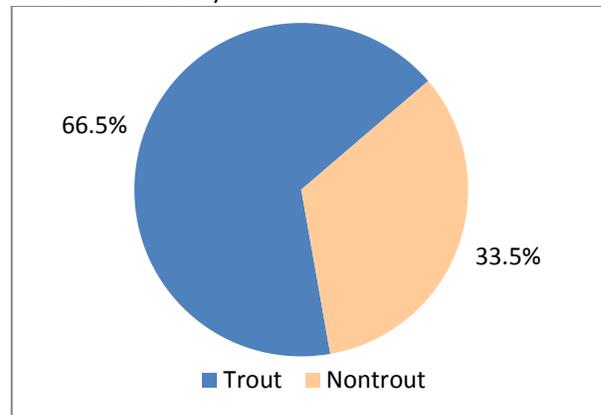
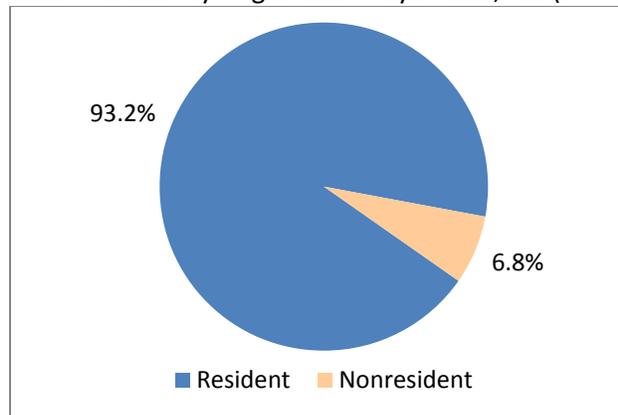
Coconino County waters survey respondents fished:

Ashurst Lake	Elk Tank*	Lake Powell
Bear Canyon Lake	Francis Short Pond	Long Lake
C.C. Cragin (Blue Ridge) Reservoir	Huffer Tank*	Oak Creek (50%)
Cataract Lake	JD Dam	Perkins Tank
Chevelon Lake	Kaibab Lake	Santa Fe Lake
City Reservoir	Kinnikinick Lake	Scholze Lake*
Colorado River - Lees Ferry	Knoll Lake	Whitehorse Lake
Dogtown Reservoir	Lake Mary (Lower)	Willow Springs Lake
East Clear Creek	Lake Mary (Upper)	Woods Canyon Lake

*Miscellaneous Water due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

Angler Activity:

Coconino County Angler User Days = 883,488 (14.70% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	1,525.0	9.40	0.448	1	275	110.6	4.11	0.474	1	60	1,635.6	9.04	0.420	1	275
Fishing Trips	1,505.5	6.05	0.354	1	275	109.1	2.25	0.413	1	60	1,614.7	5.80	0.332	1	275
Days per Trip	1,505.5	2.01	0.055	1	58	109.1	2.49	0.255	1	20	1,614.7	2.05	0.054	1	58
Waters Fished†	1,525.0	1.57	0.025	1	9	110.6	1.13	0.062	1	5	1,635.6	1.54	0.024	1	9

†Waters Fished in Coconino County.

Economic Impacts:

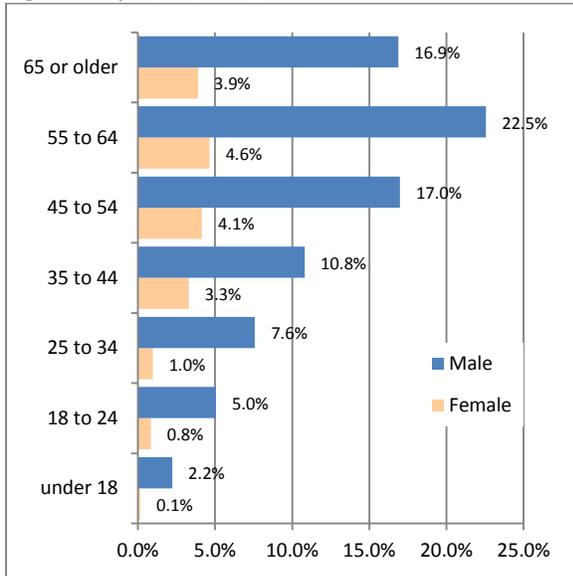
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$71,773,446	DIRECT EXPENDITURES	\$98,105,462
Food, Restaurant	\$23,818,606	TOTAL MULTIPLIER EFFECT	\$121,080,753
Lodging	\$14,339,596	SALARIES AND WAGES	\$21,618,101
Transportation	\$18,406,089	FULL-TIME & PART-TIME JOBS	1,803
Other	\$15,209,155	STATE TAX REVENUES	\$5,816,529
TOTAL EQUIPMENT	\$26,332,016		
Fishing	\$9,924,676		
Auxiliary	\$16,407,340		

Data from: "2013 ECONOMIC IMPACT OF FISHING IN ARIZONA", Anthony Fedler, PhD. and Responsive Management.

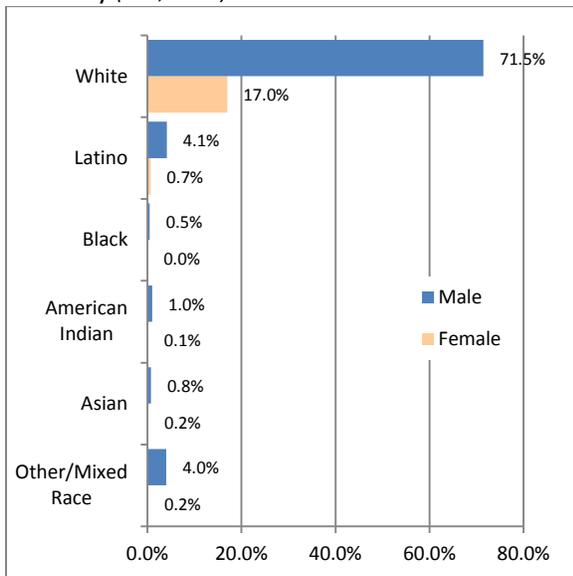
Coconino County Demographics:

Age/Gender	Male	Female	Total
n	1,342.3	293.3	1,635.6
%	82.1	17.9	100.0
Mean	50.5	51.5	50.7
Std. Error	0.422	0.792	0.375
Median	54	53	53

Age Groups (n=1,635.6)



Ethnicity (n=1,592.6)



Household Income (n=000.0)	n	%
Under \$20,000	97.8	7.1
\$20,000 - \$39,999	190.5	13.8
\$40,000 - \$59,999	232.6	16.8
\$60,000 - \$79,999	274.4	19.8
\$80,000 - \$99,999	203.9	14.7
\$100,000 - \$119,999	159.7	11.5
\$120,000 or more	225.9	16.3

State Residency (n=1,635.6)	n	%
AZ	1,523.2	93.1
MA	17.3	1.1
CA	12.4	0.8
ID	9.5	0.6
CO	9.2	0.6
UT	7.9	0.5
All Others	56.2	3.4

Arizona City (n=1,523.2)	n	%
PHOENIX	273.5	18.0
FLAGSTAFF	138.4	9.1
MESA	133.3	8.8
SCOTTSDALE	104.3	6.8
GLENDALE	98.6	6.5
TUCSON	59.9	3.9
WADDELL	55.7	3.7
GILBERT	54.1	3.6
CHANDLER	48.5	3.2
PRESCOTT	36.0	2.4
PAYSON	34.5	2.3
TEMPE	33.2	2.2
FOUNTAIN HILLS	22.4	1.5
PRESCOTT VALLEY	21.9	1.4
COTTONWOOD	21.7	1.4
KINGMAN	20.8	1.4
CHINO VALLEY	20.7	1.4
PAGE	17.5	1.2
WILLIAMS	16.6	1.1
CASA GRANDE	14.3	0.9
WINSLOW	11.6	0.8
All Others	285.2	18.7

GILA COUNTY – 2013 ANGLING SUMMARY

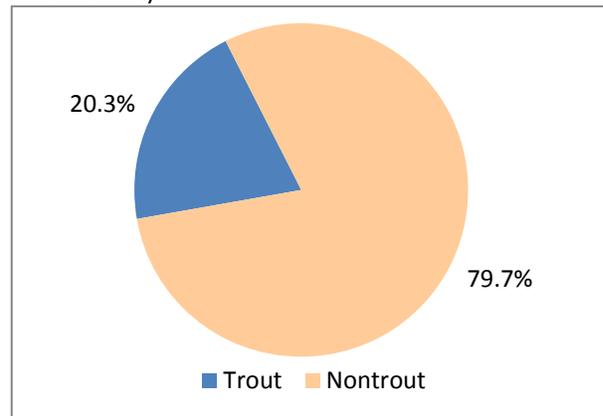
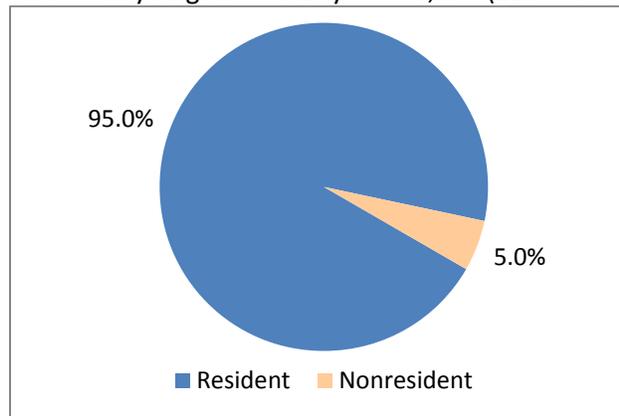
Gila County waters survey respondents fished:

Canyon Creek	Green Valley Lake	Tonto Creek (Salt River Drainage)
Christopher Creek	Haigler Creek	Workman Creek*
Dude Creek*	Roosevelt Lake	
East Verde River	Salt River (Above Roosevelt)	

*Miscellaneous Water due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

Angler Activity:

Gila County Angler User Days = 664,478 (11.06% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	1,199.1	8.72	0.441	1	155	63.4	9.95	3.216	1	190	1,262.5	8.78	0.449	1	190
Fishing Trips	1,189.0	6.10	0.392	1	155	63.4	7.43	3.188	1	190	1,252.4	6.17	0.406	1	190
Days per Trip	1,189.0	1.89	0.048	1	30	63.4	2.79	0.462	1	30	1,252.4	1.93	0.051	1	30
Waters Fished*	1,199.1	1.14	0.013	1	5	63.4	1.13	0.050	1	3	1,262.5	1.14	0.013	1	5

*Waters Fished in Gila County.

Economic Impacts:

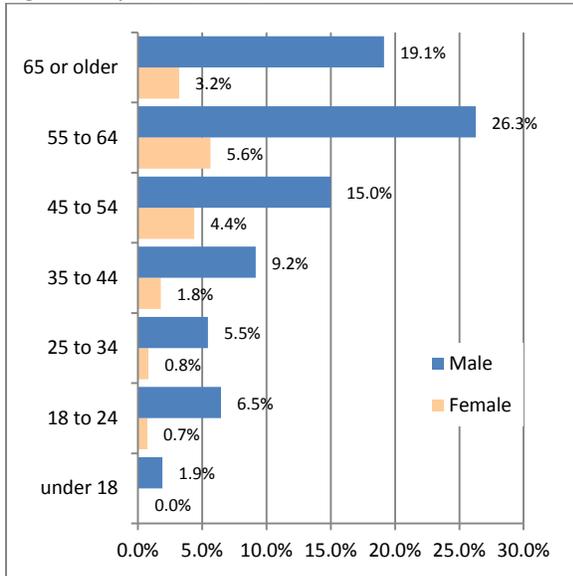
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$43,543,744	DIRECT EXPENDITURES	\$60,555,467
Food, Restaurant	\$14,595,614	TOTAL MULTIPLIER EFFECT	\$71,928,829
Lodging	\$8,666,124	SALARIES AND WAGES	\$11,527,056
Transportation	\$12,722,264	FULL-TIME & PART-TIME JOBS	1,182
Other	\$7,559,742	STATE TAX REVENUES	\$2,766,493
TOTAL EQUIPMENT	\$17,011,723		
Fishing	\$7,009,942		
Auxiliary	\$10,001,781		

Data from: "2013 ECONOMIC IMPACT OF FISHING IN ARIZONA", Anthony Fedler, PhD. and Responsive Management.

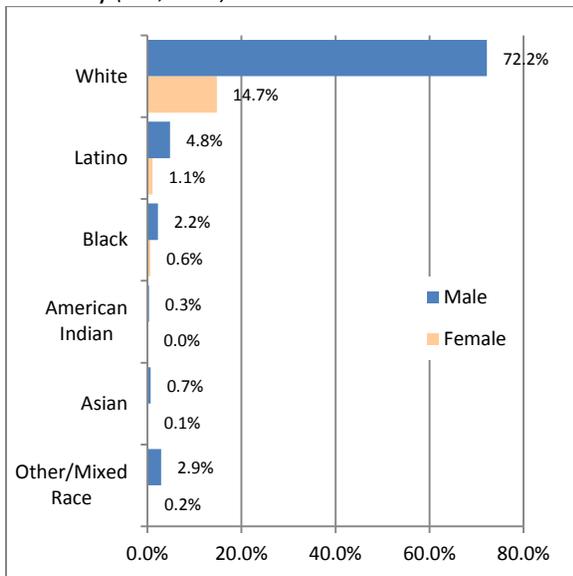
Gila County Demographics:

Age/Gender	Male	Female	Total
n	1,052.4	210.1	1,262.5
%	83.4	16.6	100.0
Mean	51.8	52.9	52.0
Std. Error	0.488	0.902	0.434
Median	56	55	56

Age Groups (n=1,262.5)



Ethnicity (n=1,239.6)



Household Income (n=1,063.3)	n	%
Under \$20,000	79.6	7.5
\$20,000 - \$39,999	150.2	14.1
\$40,000 - \$59,999	217.8	20.5
\$60,000 - \$79,999	189.1	17.8
\$80,000 - \$99,999	153.8	14.5
\$100,000 - \$119,999	112.4	10.6
\$120,000 or more	160.4	15.1

State Residency (n=1,262.5)	n	%
AZ	1,190.5	94.3
MA	14.0	1.1
CA	6.3	0.5
All Others	51.7	4.1

Arizona City (n=1,190.5)	n	%
PHOENIX	164.0	13.8
TUCSON	141.7	11.9
MESA	136.9	11.5
SCOTTSDALE	67.3	5.7
GLENDALE	65.9	5.5
GILBERT	57.2	4.8
CHANDLER	45.0	3.8
PAYSON	43.4	3.6
FLAGSTAFF	25.2	2.1
CASA GRANDE	24.5	2.1
TEMPE	24.5	2.1
GLOBE	21.0	1.8
WADDELL	18.5	1.6
QUEEN CREEK	16.4	1.4
SHOW LOW	16.0	1.3
SAN TAN VALLEY	12.7	1.1
COTTONWOOD	11.8	1.0
COOLIDGE	10.2	0.9
FLORENCE	9.6	0.8
SAFFORD	9.3	0.8
PEORIA	9.2	0.8
PRESCOTT	8.2	0.7
MARANA	7.4	0.6
CAMP VERDE	7.2	0.6
PINE	7.2	0.6
All Others	230.1	19.3

GRAHAM COUNTY – 2013 ANGLING SUMMARY

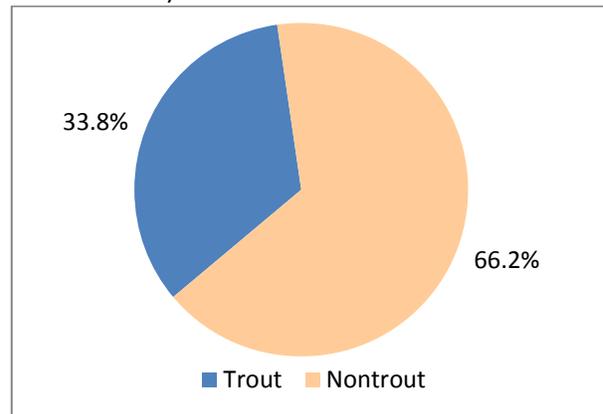
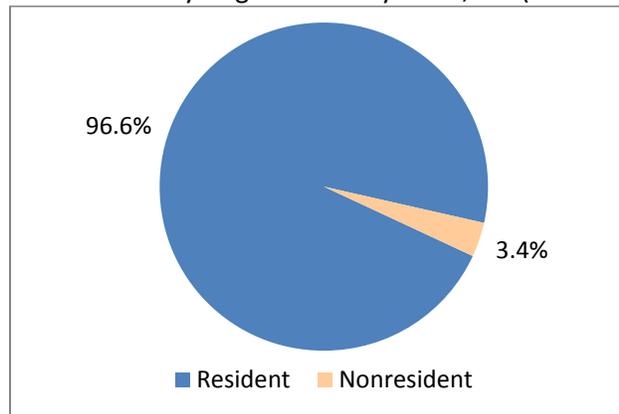
Graham County waters survey respondents fished:

Cluff Ranch Ponds	Frye Mesa Reservoir	Roper Lake
Dankworth Pond*	Gila River - Safford Area	
Eagle Creek	Riggs Flat Lake	

*Miscellaneous Water due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

Angler Activity:

Graham County Angler User Days = 78,329 (1.30% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	115.8	11.06	1.497	1	130	4.0	7.49	4.420	1	20	119.8	10.94	1.454	1	130
Fishing Trips	113.7	9.85	1.487	1	130	4.0	7.49	4.420	1	20	117.8	9.77	1.443	1	130
Days per Trip	113.7	1.50	0.173	1	36	4.0	1.00	0.000	1	1	117.8	1.48	0.167	1	36
Waters Fished*	115.8	1.53	0.086	1	6	4.0	1.51	0.498	1	3	119.8	1.52	0.085	1	6

*Waters Fished in Graham County.

Economic Impacts:

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$4,439,593	DIRECT EXPENDITURES	\$8,670,267
Food, Restaurant	\$1,770,785	TOTAL MULTIPLIER EFFECT	\$10,333,058
Lodging	\$499,949	SALARIES AND WAGES	\$1,627,160
Transportation	\$1,616,971	FULL-TIME & PART-TIME JOBS	147
Other	\$551,887	STATE TAX REVENUES	\$482,091
TOTAL EQUIPMENT	\$4,230,674		
Fishing	\$1,540,732		
Auxiliary	\$2,689,942		

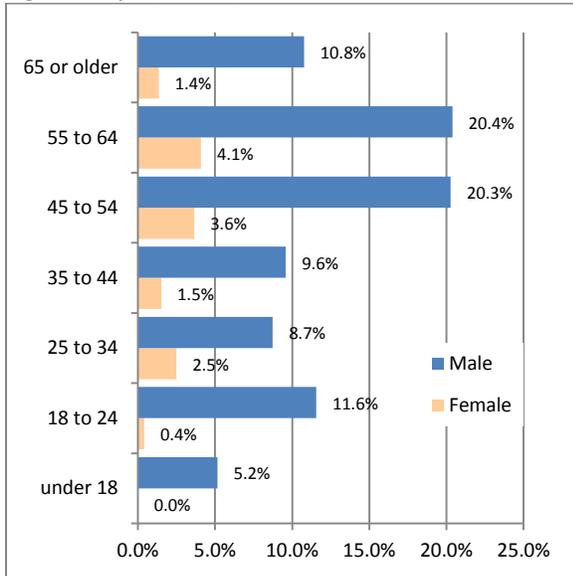
Data from: "2013 ECONOMIC IMPACT OF FISHING IN ARIZONA", Anthony Fedler, PhD. and Responsive Management.

Graham County Demographics:

Age/Gender	Male	Female	Total
n	103.6	16.2	119.8
%	86.5	13.5	100.0
Mean	45.5	48.6	45.9
Std. Error	1.664	3.466	1.512
Median	51	49	51

Household Income (<i>n=94.9</i>)	n	%
Under \$20,000	8.4	8.8
\$20,000 - \$39,999	15.5	16.3
\$40,000 - \$59,999	16.3	17.2
\$60,000 - \$79,999	21.2	22.3
\$80,000 - \$99,999	18.6	19.6
\$100,000 - \$119,999	6.1	6.4
\$120,000 or more	8.8	9.3

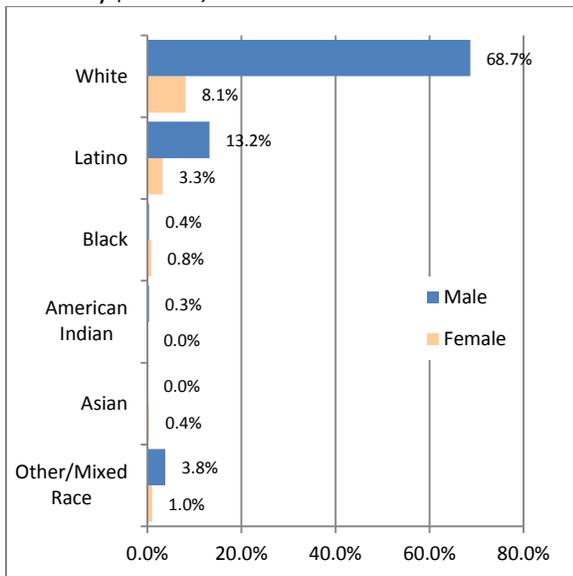
Age Groups (*n=119.8*)



State Residency (<i>n=119.8</i>)	n	%
AZ	116.0	96.8
ID	1.5	1.2
ME	1.1	0.9
MA	1.0	0.9
CA	0.3	0.2

Arizona City (<i>n=116.0</i>)	n	%
SAFFORD	26.4	22.8
PHOENIX	14.2	12.2
TUCSON	13.9	12.0
THATCHER	12.7	10.9
SIERRA VISTA	8.8	7.6
PIMA	3.9	3.3
DUNCAN	3.8	3.3
MORENCI	3.6	3.1
CLIFTON	2.6	2.2
SAHUARITA	2.5	2.2
WILLCOX	2.0	1.8
BENSON	1.9	1.6
CLAY SPRINGS	1.8	1.5
YUMA	1.7	1.5
HEREFORD	1.0	0.9
PAYSON	1.0	0.9
CASA GRANDE	1.0	0.9
ORACLE	1.0	0.9
SUPERIOR	1.0	0.9
SAINT DAVID	0.8	0.7
VAIL	0.8	0.7
GLOBE	0.8	0.7
HUACHUCA CITY	0.7	0.6
All Others	8.1	7.0

Ethnicity (*n=118.9*)



GREENLEE COUNTY – 2013 ANGLING SUMMARY

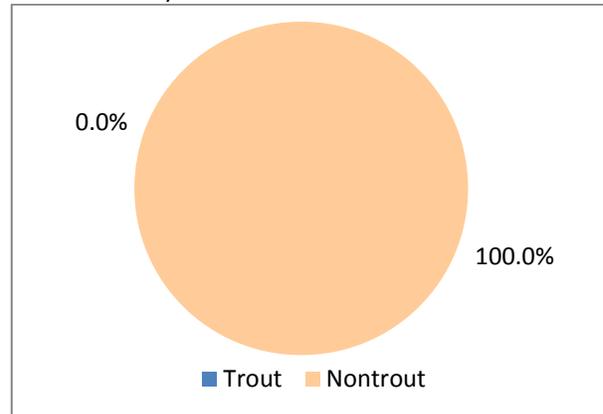
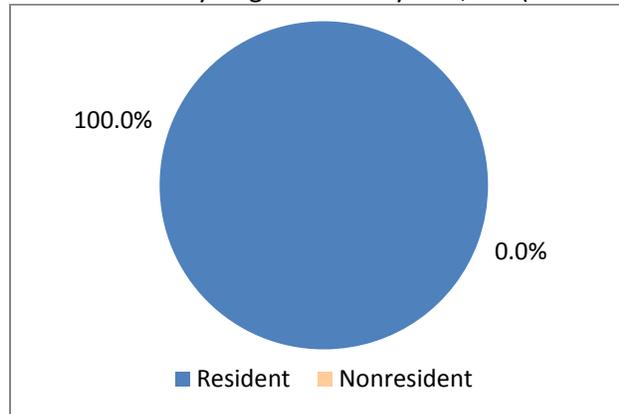
Greenlee County waters survey respondents fished:

Ackre Lake* San Francisco River

*Miscellaneous Water due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

Angler Activity:

Greenlee County Angler User Days = 4,498 (0.07% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	8.6	9.24	2.086	1	30	0.0	-	-	-	-	8.6	9.24	2.086	1	30
Fishing Trips	8.6	15.24	3.047	1	35	0.0	-	-	-	-	8.6	15.24	3.047	1	35
Days per Trip	8.6	0.70	0.088	1	1	0.0	-	-	-	-	8.6	0.70	0.088	1	1
Waters Fished*	8.6	1.00	0.000	1	1	0.0	-	-	-	-	8.6	1.00	0.000	1	1

*Waters Fished in Greenlee County.

Economic Impacts:

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$1,043,293	DIRECT EXPENDITURES	\$1,706,560
Food, Restaurant	\$230,740	TOTAL MULTIPLIER EFFECT	\$1,843,085
Lodging	\$940	SALARIES AND WAGES	\$191,135
Transportation	\$806,329	FULL-TIME & PART-TIME JOBS	24
Other	\$5,285	STATE TAX REVENUES	\$29,694
TOTAL EQUIPMENT	\$663,267		
Fishing	\$98,061		
Auxiliary	\$565,205		

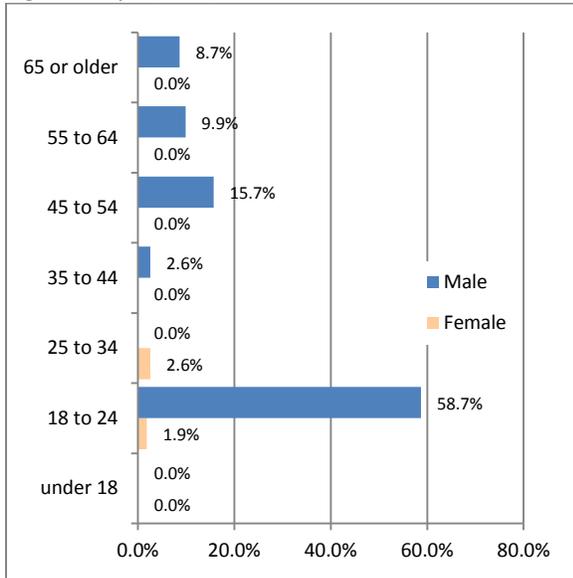
Data from: "2013 ECONOMIC IMPACT OF FISHING IN ARIZONA", Anthony Fedler, PhD. and Responsive Management.

Greenlee County Demographics:

Age/Gender	Male	Female	Total
n	8.2	0.4	8.6
%	95.6	4.4	100.0
Mean	32.2	25.7	31.9
Std. Error	6.933	-	6.631
Median	18	29	18

Household Income (n=7.9)	n	%
Under \$20,000	5.5	69.2
\$20,000 - \$39,999	0.0	0.0
\$40,000 - \$59,999	0.0	0.0
\$60,000 - \$79,999	1.2	15.0
\$80,000 - \$99,999	0.4	5.1
\$100,000 - \$119,999	0.4	5.0
\$120,000 or more	0.4	5.6

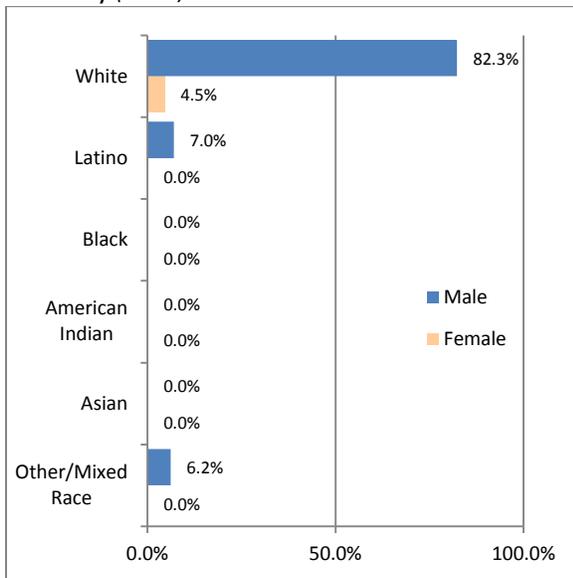
Age Groups (n=8.6)



State Residency (n=8.6)	n	%
AZ	8.6	100.0

Arizona City (n=8.6)	n	%
ALPINE	0.2	1.9
CLIFTON	5.7	66.5
MORENCI	1.4	16.3
SAFFORD	0.6	6.4
SIERRA VISTA	0.2	2.4
TUCSON	0.6	6.5

Ethnicity (n=8.4)



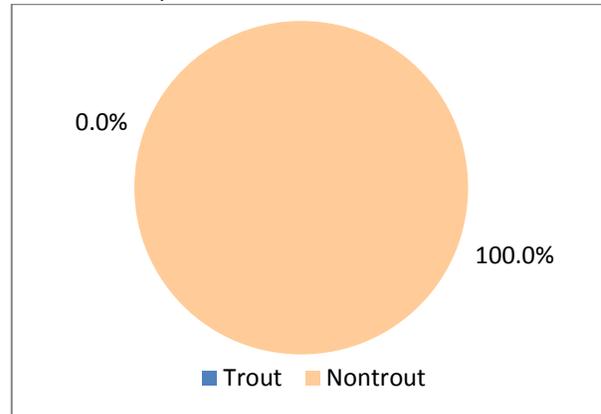
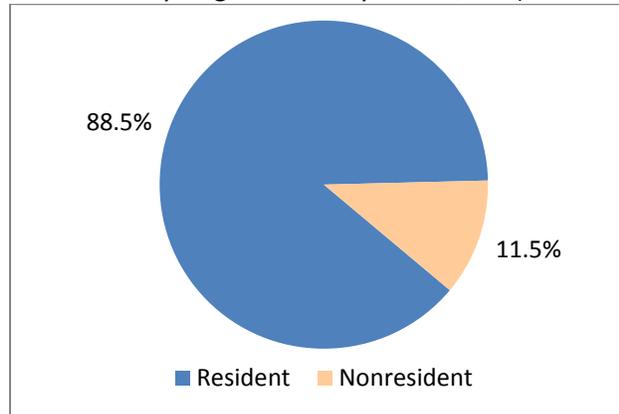
LA PAZ COUNTY – 2013 ANGLING SUMMARY

La Paz County waters survey respondents fished:

Alamo Lake	Colorado River - Ehrenberg/Blythe to Yuma (50%)	Colorado River - Parker Strip Area
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Angler Activity:

La Paz County Angler User Days = 207,420 (3.45% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	390.5	7.65	0.682	1	250	50.8	8.78	1.808	1	70	441.3	7.78	0.638	1	250
Fishing Trips	382.5	4.87	0.623	1	210	50.5	4.98	1.220	1	40	432.9	4.89	0.568	1	210
Days per Trip	382.5	2.10	0.083	1	24	50.5	3.61	0.766	1	30	432.9	2.27	0.117	1	30
Waters Fished*	390.5	0.94	0.016	1	3	50.8	0.89	0.043	1	2	441.3	0.93	0.015	1	3

*Waters Fished in La Paz County.

Economic Impacts:

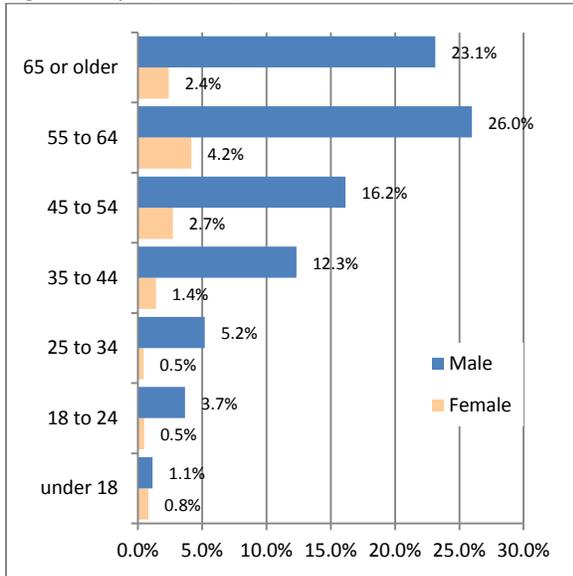
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$16,883,345	DIRECT EXPENDITURES	\$22,861,175
Food, Restaurant	\$5,028,196	TOTAL MULTIPLIER EFFECT	\$26,842,616
Lodging	\$5,906,623	SALARIES AND WAGES	\$5,265,776
Transportation	\$3,430,205	FULL-TIME & PART-TIME JOBS	298
Other	\$2,518,320	STATE TAX REVENUES	\$1,055,082
TOTAL EQUIPMENT	\$5,977,831		
Fishing	\$2,742,535		
Auxiliary	\$3,235,295		

Data from: "2013 ECONOMIC IMPACT OF FISHING IN ARIZONA", Anthony Fedler, PhD. and Responsive Management.

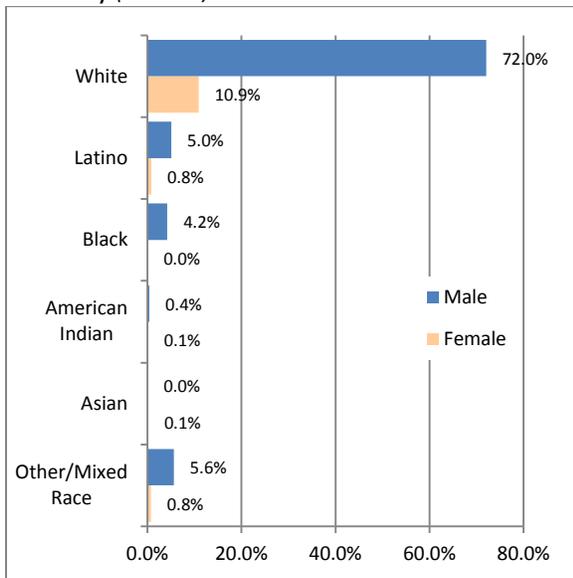
La Paz County Demographics:

Age/Gender	Male	Female	Total
n	386.5	54.8	441.3
%	87.6	12.4	100.0
Mean	53.5	52.2	53.3
Std. Error	0.750	2.136	0.708
Median	56	55	56

Age Groups (n=441.3)



Ethnicity (n=427.8)



Household Income (n=363.9)	n	%
Under \$20,000	31.1	8.5
\$20,000 - \$39,999	45.5	12.5
\$40,000 - \$59,999	85.3	23.4
\$60,000 - \$79,999	81.4	22.4
\$80,000 - \$99,999	52.5	14.4
\$100,000 - \$119,999	35.7	9.8
\$120,000 or more	32.4	8.9

State Residency (n=441.3)	n	%
AZ	388.3	88.0
CA	11.8	2.7
ID	8.0	1.8
CO	3.6	0.8
MN	3.4	0.8
ME	3.4	0.8
MI	2.7	0.6
All Others	20.1	4.6

Arizona City (n=388.3)	n	%
YUMA	74.1	19.1
PHOENIX	72.9	18.8
GLENDALE	26.4	6.8
WADDELL	20.5	5.3
PRESCOTT	16.7	4.3
GILBERT	12.1	3.1
LAKE HAVASU CITY	11.4	2.9
KINGMAN	9.2	2.4
PEORIA	9.2	2.4
PARKER	9.2	2.4
TUCSON	9.0	2.3
PRESCOTT VALLEY	8.9	2.3
CHANDLER	8.2	2.1
WICKENBURG	6.8	1.7
SCOTTSDALE	6.1	1.6
SUN CITY WEST	6.1	1.6
TEMPE	6.1	1.6
CHINO VALLEY	4.5	1.2
BULLHEAD CITY	3.9	1.0
MARANA	3.4	0.9
COTTONWOOD	3.2	0.8
FLAGSTAFF	3.1	0.8
All Others	57.3	14.8

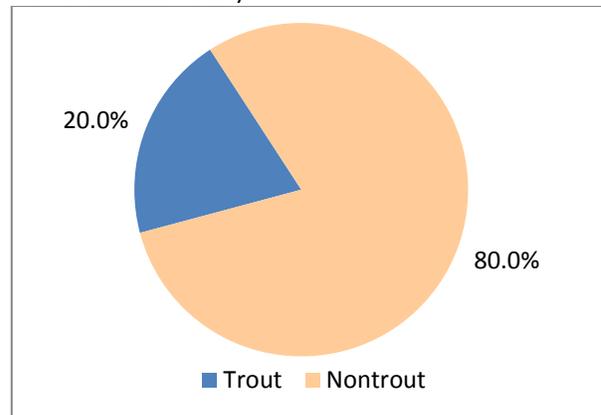
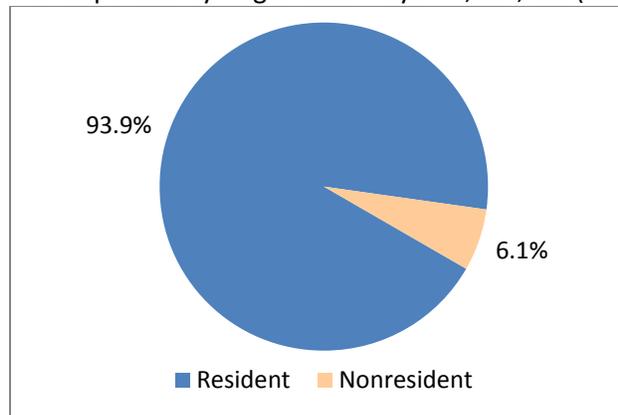
MARICOPA COUNTY – 2013 ANGLING SUMMARY

Maricopa County waters survey respondents fished:

Apache Lake	Encanto Lake	Salt River (Below Saguaro)
Alvord Lake	Evelyn Hallman Pond	Steele Indian School Pond
ASU Research Park	Gila River - Phoenix Area	Surprise Lake
Bartlett Lake	Kiwanis Lake	Tempe Town Lake
Canyon Lake	Lake Pleasant	Verde River (Bartlett Dam to Fort McDowell Indian Reservation)
Chaparral Lake	Phoenix Area Canals	Veterans Oasis Lake
Cortez Lake	Red Mountain Lake	Water Ranch Lake
Crystal Gardens Water Treatment Fac.	Rio Vista Pond	
Desert Breeze Lake	Saguaro Lake	

Angler Activity:

Maricopa County Angler User Days = 1,862,496 (30.99% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	2,042.4	14.91	0.599	1	280	131.9	5.41	0.809	1	68	2,174.3	14.33	0.566	1	280
Fishing Trips	2,019.9	13.33	0.595	1	280	131.9	4.76	0.779	1	68	2,151.8	12.80	0.563	1	280
Days per Trip	2,019.9	1.39	0.025	1	36	131.9	1.36	0.100	1	10	2,151.8	1.39	0.025	1	36
Waters Fished*	2,042.4	1.61	0.020	1	5	131.9	1.25	0.051	1	4	2,174.3	1.59	0.019	1	5

*Waters Fished in Maricopa County.

Economic Impacts:

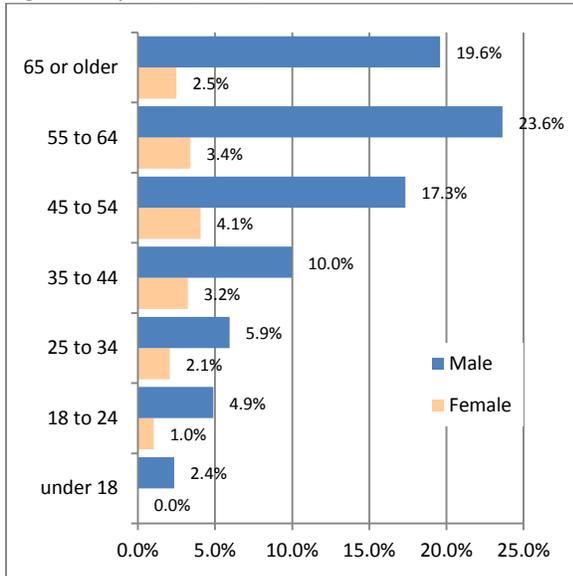
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$181,238,678	DIRECT EXPENDITURES	\$367,349,919
Food, Restaurant	\$74,908,003	TOTAL MULTIPLIER EFFECT	\$462,551,743
Lodging	\$9,945,509	SALARIES AND WAGES	\$92,487,736
Transportation	\$60,091,549	FULL-TIME & PART-TIME JOBS	4,833
Other	\$36,293,617	STATE TAX REVENUES	\$18,946,517
TOTAL EQUIPMENT	\$186,108,241		
Fishing	\$62,892,108		
Auxiliary	\$123,216,132		

Data from: "2013 ECONOMIC IMPACT OF FISHING IN ARIZONA", Anthony Fedler, PhD. and Responsive Management.

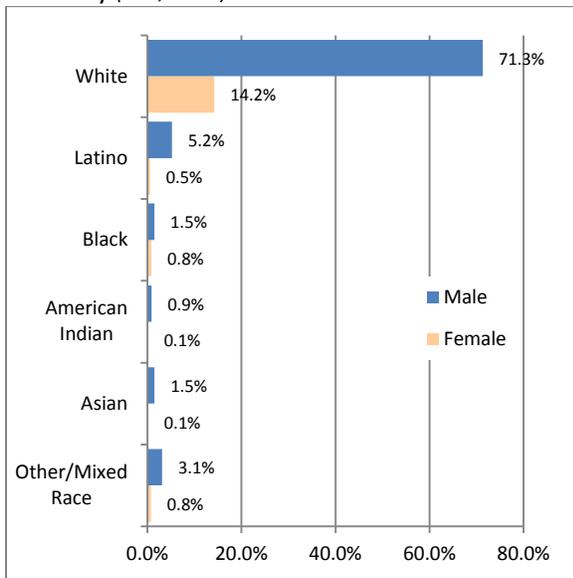
Maricopa County Demographics:

Age/Gender	Male	Female	Total
n	1,820.1	354.2	2,174.3
%	83.7	16.3	100.0
Mean	51.8	48.3	51.2
Std. Error	0.362	0.722	0.326
Median	55	50	54

Age Groups (n=2,174.3)



Ethnicity (n=2,131.2)



Household Income (n=1,806.7)	n	%
Under \$20,000	176.9	9.8
\$20,000 - \$39,999	258.7	14.3
\$40,000 - \$59,999	325.3	18.0
\$60,000 - \$79,999	343.4	19.0
\$80,000 - \$99,999	260.5	14.4
\$100,000 - \$119,999	139.7	7.7
\$120,000 or more	302.2	16.7

State Residency (n=2,174.3)	n	%
AZ	2,032.9	93.5
IL	12.8	0.6
MN	12.7	0.6
WI	12.3	0.6
MA	11.9	0.5
All Others	91.7	4.2

Arizona City (n=2,032.9)	n	%
PHOENIX	449.0	22.1
MESA	275.7	13.6
GLENDALE	190.6	9.4
SCOTTSDALE	145.2	7.1
CHANDLER	129.8	6.4
GILBERT	112.7	5.5
WADDELL	111.1	5.5
TUCSON	96.5	4.7
QUEEN CREEK	35.3	1.7
TEMPE	29.8	1.5
SAN TAN VALLEY	25.2	1.2
CASA GRANDE	20.9	1.0
FOUNTAIN HILLS	16.2	0.8
PRESCOTT	16.1	0.8
FLAGSTAFF	15.1	0.7
PAYSON	15.0	0.7
PEORIA	14.3	0.7
FLORENCE	13.8	0.7
GOLD CANYON	13.6	0.7
MARICOPA	13.1	0.6
NEW RIVER	12.1	0.6
EL MIRAGE	12.1	0.6
PRESCOTT VALLEY	10.9	0.5
GLOBE	10.5	0.5
All Others	248.4	12.2

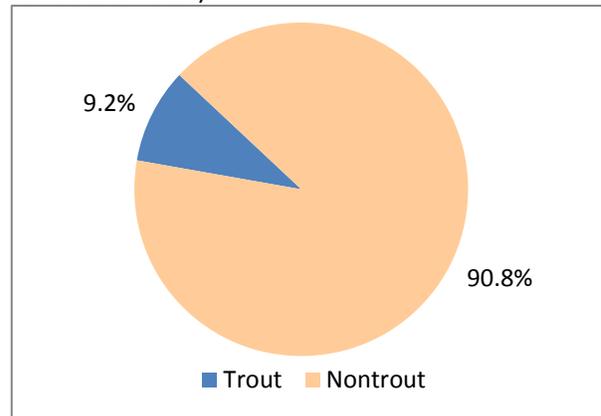
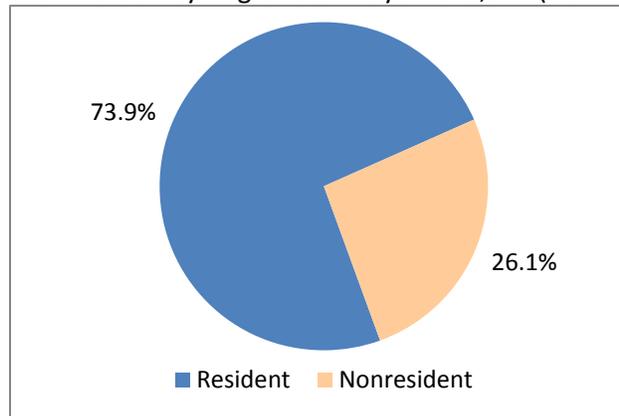
MOHAVE COUNTY – 2013 ANGLING SUMMARY

Mohave County waters survey respondents fished:

Colorado River - Topock Area	Lake Mead
Lake Havasu	Lake Mohave

Angler Activity:

Mohave County Angler User Days = 615,541 (10.24% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	325.4	27.37	2.276	1	300	114.7	11.01	1.791	1	190	440.1	23.11	1.778	1	300
Fishing Trips	315.4	22.15	2.117	1	300	114.7	6.81	1.464	1	190	430.1	18.06	1.633	1	300
Days per Trip	315.4	1.85	0.124	1	30	114.7	3.75	0.815	1	150	430.1	2.36	0.238	1	150
Waters Fished*	325.4	1.35	0.034	1	4	114.7	1.18	0.043	1	4	440.1	1.30	0.028	1	4

*Waters Fished in Mohave County.

Economic Impacts:

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$55,438,111	DIRECT EXPENDITURES	\$95,803,416
Food, Restaurant	\$15,501,495	TOTAL MULTIPLIER EFFECT	\$118,705,109
Lodging	\$7,887,833	SALARIES AND WAGES	\$21,223,035
Transportation	\$13,919,841	FULL-TIME & PART-TIME JOBS	2,017
Other	\$18,128,942	STATE TAX REVENUES	\$4,676,262
TOTAL EQUIPMENT	\$40,365,305		
Fishing	\$8,940,760		
Auxiliary	\$31,424,546		

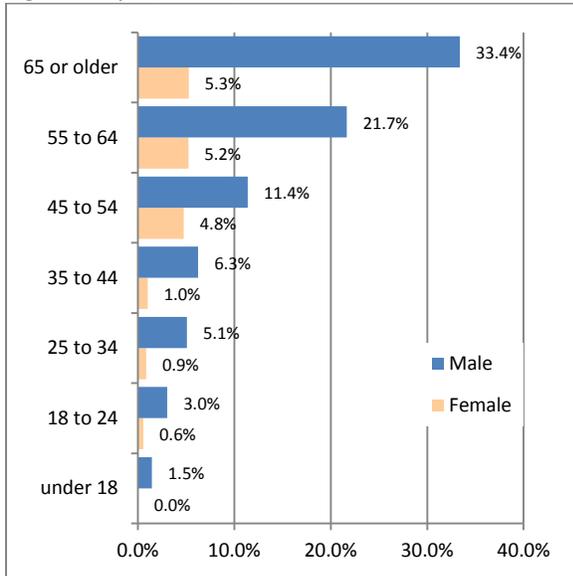
Data from: "2013 ECONOMIC IMPACT OF FISHING IN ARIZONA", Anthony Fedler, PhD. and Responsive Management.

Mohave County Demographics:

Age/Gender	Male	Female	Total
n	362.1	78.0	440.1
%	82.3	17.7	100.0
Mean	57.1	56.1	56.9
Std. Error	0.800	1.412	0.704
Median	61	58	60

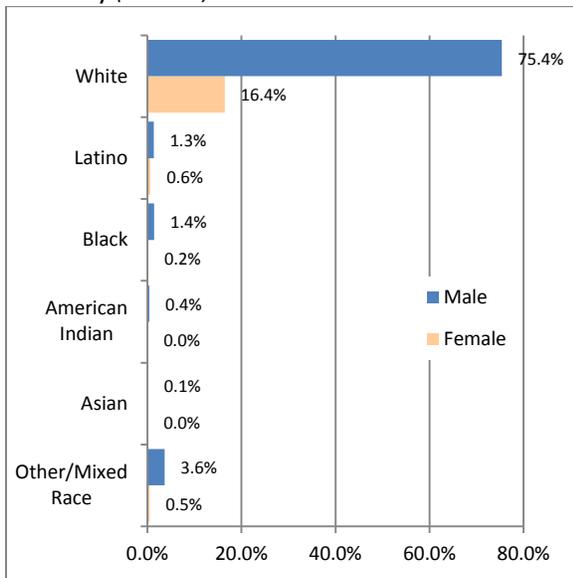
Household Income (<i>n=389.9</i>)	n	%
Under \$20,000	42.6	10.9
\$20,000 - \$39,999	85.3	21.9
\$40,000 - \$59,999	71.9	18.4
\$60,000 - \$79,999	70.9	18.2
\$80,000 - \$99,999	38.1	9.8
\$100,000 - \$119,999	32.1	8.2
\$120,000 or more	49.0	12.6

Age Groups (*n=440.1*)



State Residency (<i>n=440.1</i>)	n	%
AZ	326.0	74.1
CA	22.0	5.0
MN	12.7	2.9
NV	8.6	2.0
MI	7.7	1.8
ID	7.7	1.7
WA	6.7	1.5
WI	6.1	1.4
CO	5.6	1.3
OR	5.2	1.2
All Others	31.7	7.2

Ethnicity (*n=432.8*)



Arizona City (<i>n=326.0</i>)	n	%
LAKE HAVASU CITY	79.8	24.5
BULLHEAD CITY	45.4	13.9
KINGMAN	44.3	13.6
GLENDALE	20.8	6.4
MOHAVE VALLEY	10.6	3.3
GOLDEN VALLEY	10.2	3.1
TUCSON	9.0	2.8
PHOENIX	8.9	2.7
YUMA	8.3	2.5
WADDELL	8.2	2.5
PRESCOTT	8.1	2.5
PARKER	7.7	2.4
FORT MOHAVE	6.4	2.0
FLAGSTAFF	6.2	1.9
BUCKEYE	6.1	1.9
MESA	5.1	1.6
FT MOHAVE	3.5	1.1
MEADVIEW	3.5	1.1
All Others	33.9	10.4

NAVAJO COUNTY – 2013 ANGLING SUMMARY

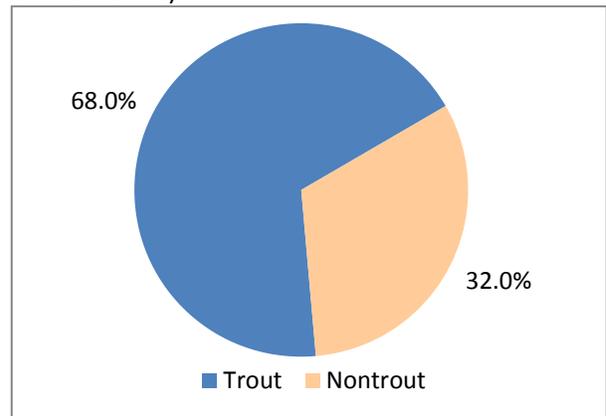
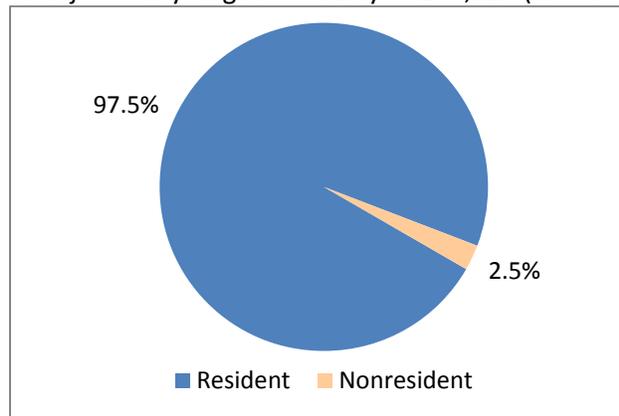
Navajo County waters survey respondents fished:

Black Canyon Lake	Rainbow Lake	Silver Creek
Clear Creek Reservoir	Scotts Reservoir	White Mountain Lake*
Fool Hollow Lake	Show Low Lake	Woodland Reservoir

*Miscellaneous Water due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

Angler Activity:

Navajo County Angler User Days = 293,115 (4.88% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	500.1	9.62	1.037	1	202	12.8	7.69	3.387	1	37	512.9	9.57	1.014	1	202
Fishing Trips	488.3	7.90	1.019	1	202	12.8	7.17	3.454	1	37	501.2	7.88	0.996	1	202
Days per Trip	488.3	1.67	0.064	1	21	12.8	1.50	0.278	1	7	501.2	1.66	0.063	1	21
Waters Fished*	500.1	1.26	0.028	1	6	12.8	1.31	0.135	1	2	512.9	1.27	0.027	1	6

*Waters Fished in Navajo County.

Economic Impacts:

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$25,431,305	DIRECT EXPENDITURES	\$37,599,484
Food, Restaurant	\$9,377,530	TOTAL MULTIPLIER EFFECT	\$43,245,052
Lodging	\$4,593,984	SALARIES AND WAGES	\$5,645,568
Transportation	\$8,259,464	FULL-TIME & PART-TIME JOBS	613
Other	\$3,200,327	STATE TAX REVENUES	\$1,467,848
TOTAL EQUIPMENT	\$12,168,179		
Fishing	\$4,225,050		
Auxiliary	\$7,943,129		

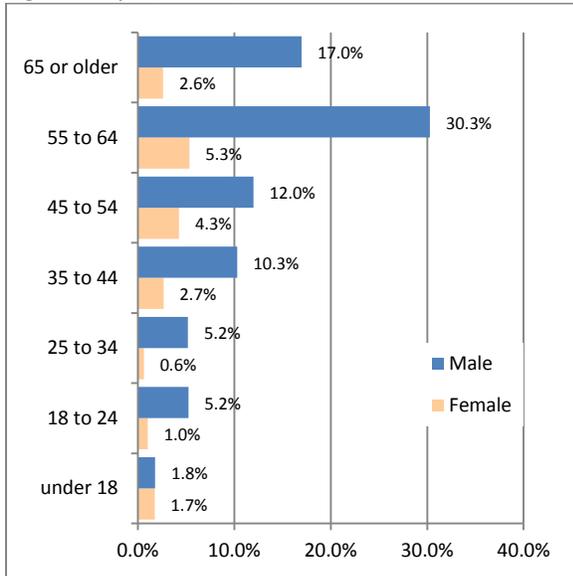
Data from: "2013 ECONOMIC IMPACT OF FISHING IN ARIZONA", Anthony Fedler, PhD. and Responsive Management.

Navajo County Demographics:

Age/Gender	Male	Female	Total
n	419.3	93.7	512.9
%	81.7	18.3	100.0
Mean	52.3	48.5	51.7
Std. Error	0.747	1.658	0.684
Median	57	52	56

Household Income (<i>n=449.8</i>)	n	%
Under \$20,000	38.4	8.5
\$20,000 - \$39,999	65.1	14.5
\$40,000 - \$59,999	80.0	17.8
\$60,000 - \$79,999	100.7	22.4
\$80,000 - \$99,999	44.0	9.8
\$100,000 - \$119,999	52.3	11.6
\$120,000 or more	69.3	15.4

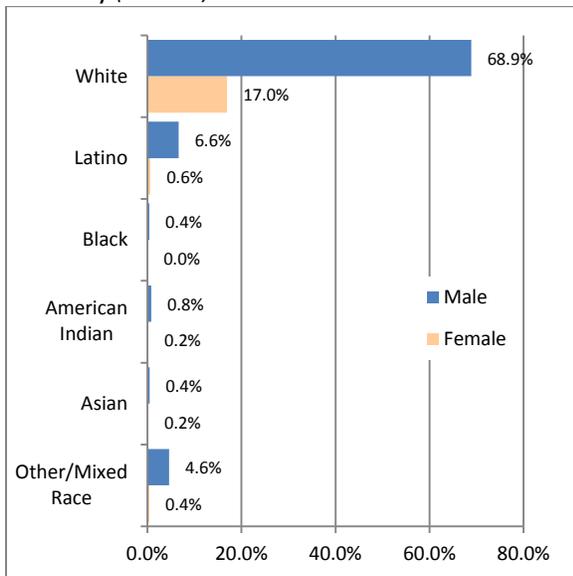
Age Groups (*n=512.9*)



State Residency (<i>n=512.9</i>)	n	%
AZ	499.9	97.5
MA	3.6	0.7
All Others	9.4	1.8

Arizona City (<i>n=499.9</i>)	n	%
PHOENIX	65.9	13.2
TUCSON	62.3	12.5
SCOTTSDALE	45.5	9.1
SHOW LOW	42.7	8.5
MESA	30.4	6.1
GILBERT	18.5	3.7
GLENDALE	16.3	3.3
LAKESIDE	14.4	2.9
TEMPE	12.1	2.4
PINETOP	11.8	2.4
CHANDLER	10.8	2.2
CASA GRANDE	10.0	2.0
WINSLOW	8.9	1.8
WADDELL	8.4	1.7
PAYSON	8.4	1.7
SUN LAKES	8.2	1.6
TAYLOR	7.2	1.4
SNOWFLAKE	6.9	1.4
PRESCOTT	6.2	1.2
LITCHFIELD PARK	6.1	1.2
SUN CITY WEST	6.1	1.2
SAN TAN VALLEY	5.7	1.1
VAIL	4.6	0.9
FLAGSTAFF	4.4	0.9
PEORIA	4.2	0.8
YUMA	3.8	0.8
All Others	70.1	14.0

Ethnicity (*n=510.9*)



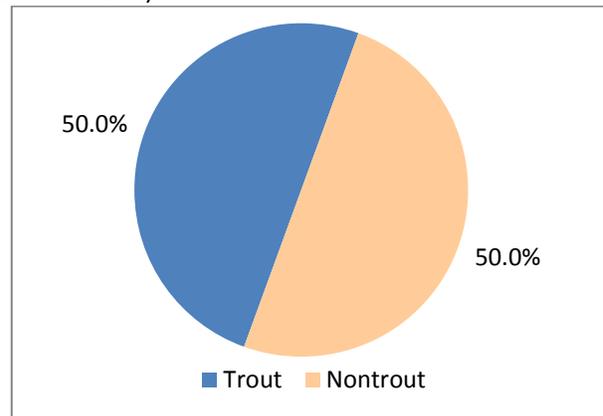
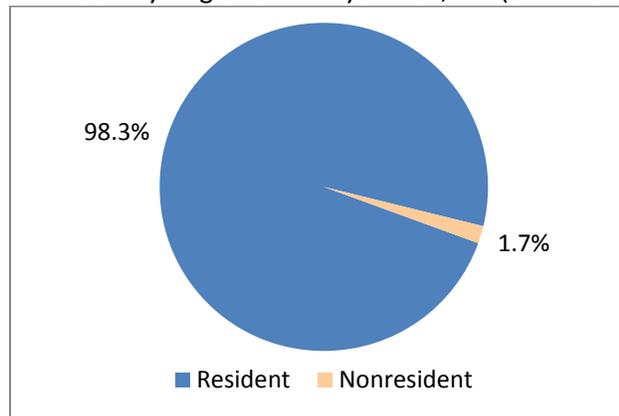
PIMA COUNTY – 2013 ANGLING SUMMARY

Pima County waters survey respondents fished:

Arivaca Lake	Lakeside Lake	Sahuarita Lake
Kennedy Lake	Rose Canyon Lake	Silverbell Lake

Angler Activity:

Pima County Angler User Days = 239,824 (3.99% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	267.6	14.95	1.888	1	259	4.5	4.20	1.261	1	7	272.1	14.77	1.859	1	259
Fishing Trips	267.6	14.55	1.872	1	254	4.5	2.49	1.122	1	7	272.1	14.35	1.843	1	254
Days per Trip	267.6	1.16	0.047	1	15	4.5	2.71	1.331	1	7	272.1	1.19	0.051	1	15
Waters Fished*	267.6	1.28	0.035	1	4	4.5	1.00	0.000	1	1	272.1	1.28	0.034	1	4

*Waters Fished in Pima County.

Economic Impacts:

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$18,812,548	DIRECT EXPENDITURES	\$41,491,425
Food, Restaurant	\$7,875,329	TOTAL MULTIPLIER EFFECT	\$51,557,392
Lodging	\$1,157,205	SALARIES AND WAGES	\$8,985,717
Transportation	\$7,375,018	FULL-TIME & PART-TIME JOBS	583
Other	\$2,404,996	STATE TAX REVENUES	\$2,651,523
TOTAL EQUIPMENT	\$22,678,877		
Fishing	\$7,818,474		
Auxiliary	\$14,860,403		

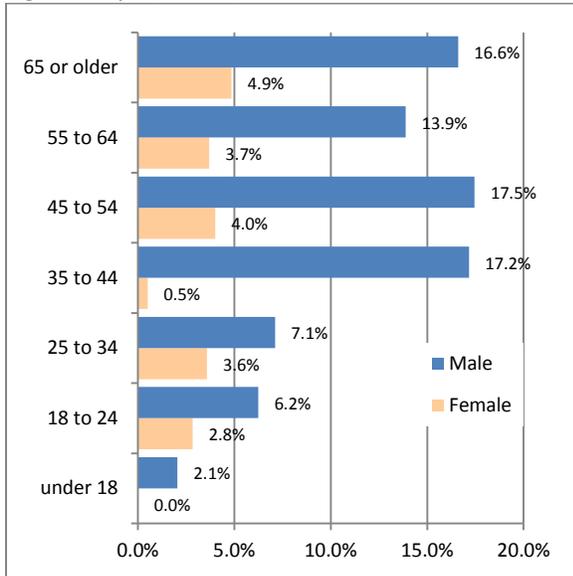
Data from: "2013 ECONOMIC IMPACT OF FISHING IN ARIZONA", Anthony Fedler, PhD. and Responsive Management.

Pima County Demographics:

Age/Gender	Male	Female	Total
n	219.0	53.0	272.1
%	80.5	19.5	100.0
Mean	48.6	47.6	48.4
Std. Error	1.111	2.350	1.003
Median	49	51	49

Household Income (<i>n=232.6</i>)	n	%
Under \$20,000	25.0	10.8
\$20,000 - \$39,999	46.2	19.9
\$40,000 - \$59,999	44.7	19.2
\$60,000 - \$79,999	58.6	25.2
\$80,000 - \$99,999	22.9	9.8
\$100,000 - \$119,999	13.5	5.8
\$120,000 or more	21.7	9.3

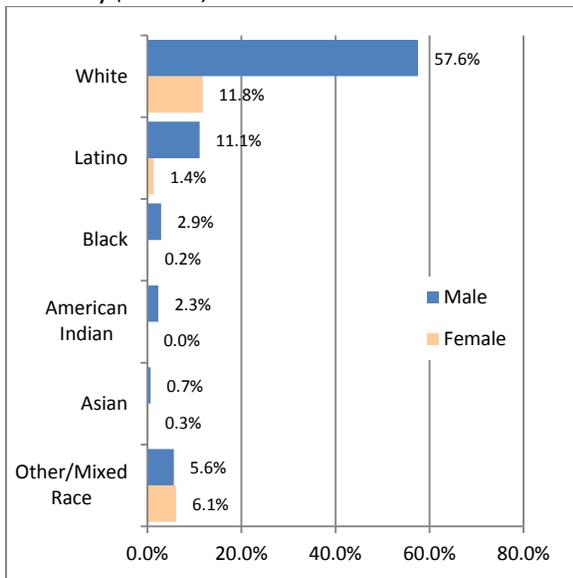
Age Groups (*n=272.1*)



State Residency (<i>n=272.1</i>)	n	%
AZ	262.7	96.5
TX	1.6	0.6
CA	1.1	0.4
MI	1.1	0.4
MO	1.1	0.4
All Others	4.6	1.7

Arizona City (<i>n=262.7</i>)	n	%
TUCSON	218.9	83.3
PHOENIX	8.2	3.1
GLENDALE	6.1	2.3
MARANA	5.6	2.1
SAHUARITA	4.7	1.8
VAIL	3.1	1.2
GILBERT	2.1	0.8
SIERRA VISTA	2.0	0.7
SAN MANUEL	1.9	0.7
MARICOPA	1.3	0.5
ORACLE	1.3	0.5
NOGALES	1.2	0.5
AMADO	1.0	0.4
All Others	5.4	2.1

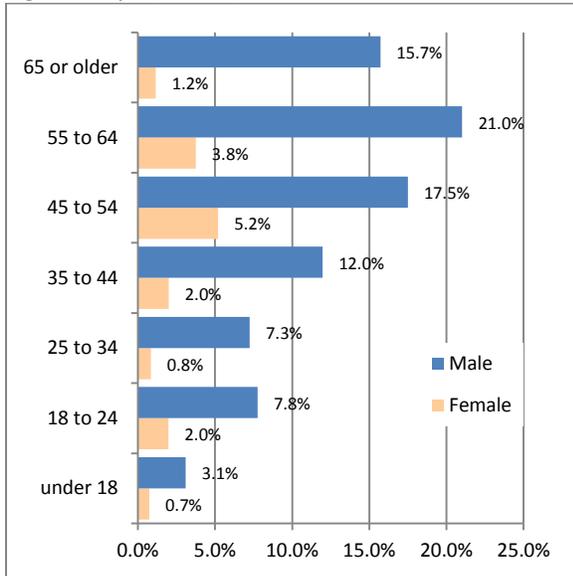
Ethnicity (*n=265.4*)



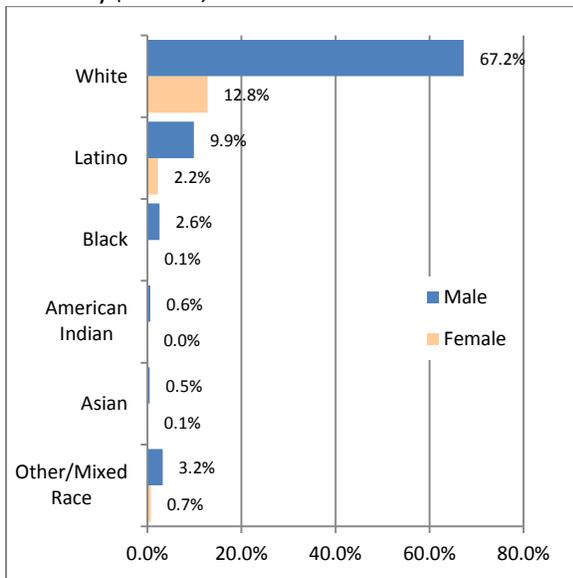
Santa Cruz County Demographics:

Age/Gender	Male	Female	Total
n	309.6	57.7	367.3
%	84.3	15.7	100.0
Mean	49.0	46.2	48.6
Std. Error	0.938	1.992	0.851
Median	52	50	51

Age Groups (n=367.3)



Ethnicity (n=359.7)



Household Income (n=300.7)	n	%
Under \$20,000	27.3	9.1
\$20,000 - \$39,999	59.0	19.6
\$40,000 - \$59,999	55.5	18.4
\$60,000 - \$79,999	50.5	16.8
\$80,000 - \$99,999	50.1	16.7
\$100,000 - \$119,999	23.5	7.8
\$120,000 or more	34.9	11.6

State Residency (n=367.3)	n	%
AZ	359.1	97.8
MN	1.9	0.5
TX	1.5	0.4
All Others	4.7	1.3

Arizona City (n=359.1)	n	%
TUCSON	212.6	59.2
SIERRA VISTA	33.6	9.4
VAIL	22.8	6.3
HUACHUCA CITY	9.9	2.8
SAHUARITA	9.2	2.6
HEREFORD	8.4	2.3
MARANA	7.9	2.2
GREEN VALLEY	7.3	2.0
RIO RICO	6.3	1.8
GLENDALE	6.1	1.7
BENSON	3.3	0.9
NOGALES	3.1	0.9
CASA GRANDE	2.9	0.8
MESA	2.1	0.6
FORT HUACHUCA	1.8	0.5
BISBEE	1.7	0.5
PATAGONIA	1.7	0.5
ORO VALLEY	1.6	0.5
TOMBSTONE	1.5	0.4
SAINT DAVID	1.3	0.4
CORONA DE TUCSON	1.1	0.3
SONOITA	1.1	0.3
AMADO	1.0	0.3
ELOY	1.0	0.3
All Others	9.7	2.7

YAVAPAI COUNTY – 2013 ANGLING SUMMARY

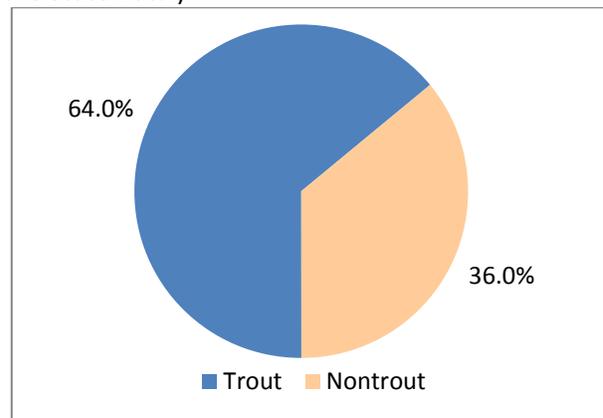
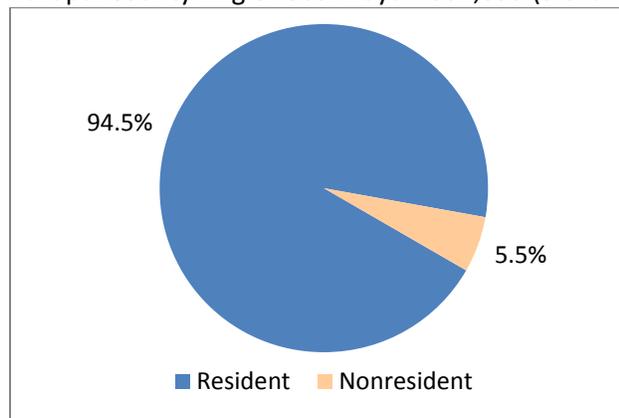
Yavapai County waters survey respondents fished:

Coors Lake*	Lynx Lake	Watson Lake
Dead Horse Lake	Mingus Lake	West Clear Creek*
Fain Lake	Oak Creek (50%)	Wet Beaver Creek
Goldwater Lake	Verde River (Sullivan Lk to Perkinsville)	
Granite Basin Lake	Verde River (Sycamore Ck to Childs)	

*Miscellaneous Water due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

Angler Activity:

Yavapai County Angler User Days = 302,895 (5.04% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	489.3	10.11	0.865	1	209	28.6	3.87	0.885	1	20	518.0	9.77	0.821	1	209
Fishing Trips	476.0	8.17	0.782	1	209	28.6	3.43	0.894	1	20	504.6	7.90	0.741	1	209
Days per Trip	476.0	1.62	0.086	1	25	28.6	1.50	0.274	1	10	504.6	1.61	0.082	1	25
Waters Fished*	489.3	1.38	0.039	1	6	28.6	1.08	0.109	1	2	518.0	1.37	0.037	1	6

*Waters Fished in Yavapai County.

Economic Impacts:

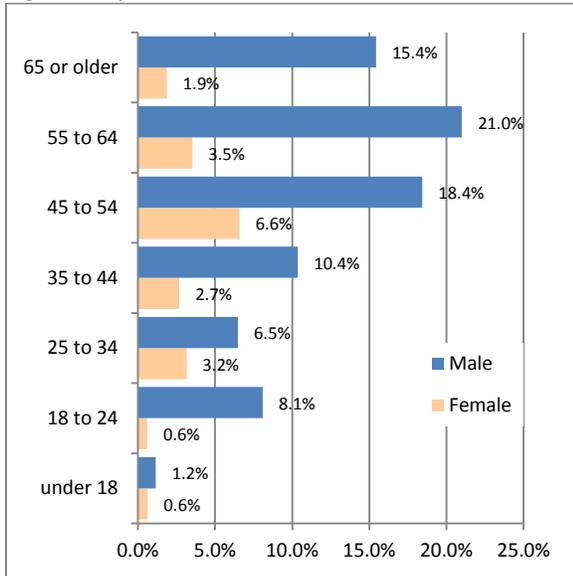
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$27,902,155	DIRECT EXPENDITURES	\$45,217,452
Food, Restaurant	\$9,264,637	TOTAL MULTIPLIER EFFECT	\$56,408,771
Lodging	\$3,783,788	SALARIES AND WAGES	\$11,078,276
Transportation	\$11,520,476	FULL-TIME & PART-TIME JOBS	917
Other	\$3,333,253	STATE TAX REVENUES	\$2,600,003
TOTAL EQUIPMENT	\$17,315,297		
Fishing	\$6,431,173		
Auxiliary	\$10,884,123		

Data from: "2013 ECONOMIC IMPACT OF FISHING IN ARIZONA", Anthony Fedler, PhD. and Responsive Management.

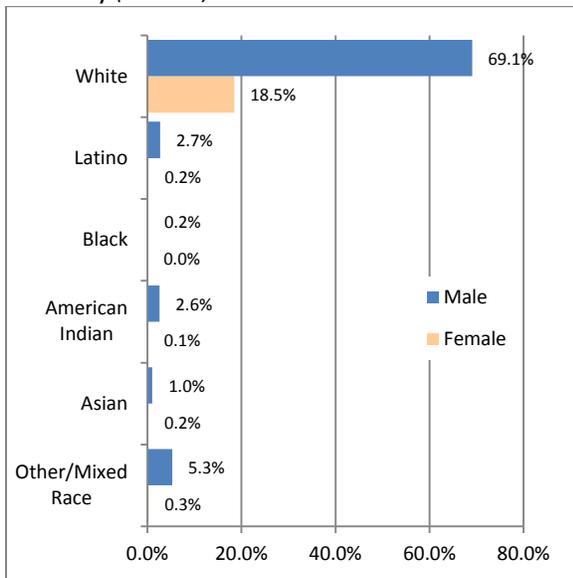
Yavapai County Demographics:

Age/Gender	Male	Female	Total
n	419.3	98.7	518.0
%	80.9	19.1	100.0
Mean	49.4	46.8	48.9
Std. Error	0.766	1.323	0.671
Median	52	50	51

Age Groups (n=518.0)



Ethnicity (n=507.6)



Household Income (n=416.9)	n	%
Under \$20,000	40.8	9.8
\$20,000 - \$39,999	91.4	21.9
\$40,000 - \$59,999	68.9	16.5
\$60,000 - \$79,999	79.6	19.1
\$80,000 - \$99,999	52.0	12.5
\$100,000 - \$119,999	28.4	6.8
\$120,000 or more	55.8	13.4

State Residency (n=518.0)	n	%
AZ	489.6	94.5
MA	8.0	1.5
CA	6.3	1.2
PA	3.3	0.6
OR	2.1	0.4
All Others	8.7	1.7

Arizona City (n=489.6)	n	%
PHOENIX	87.2	17.8
PRESCOTT	49.0	10.0
SCOTTSDALE	39.3	8.0
PRESCOTT VALLEY	37.7	7.7
FLAGSTAFF	33.2	6.8
COTTONWOOD	31.0	6.3
GLENDALE	23.1	4.7
WADDELL	21.2	4.3
MESA	19.4	4.0
CHINO VALLEY	17.6	3.6
CHANDLER	12.8	2.6
TUCSON	11.1	2.3
SEDONA	8.2	1.7
PAULDEN	7.7	1.6
WICKENBURG	6.8	1.4
FOUNTAIN HILLS	6.1	1.2
NEW RIVER	6.1	1.2
TONOPAH	6.1	1.2
CORNVILLE	5.4	1.1
CAMP VERDE	5.4	1.1
DEWEY	5.3	1.1
MARICOPA	4.3	0.9
All Others	45.7	9.3

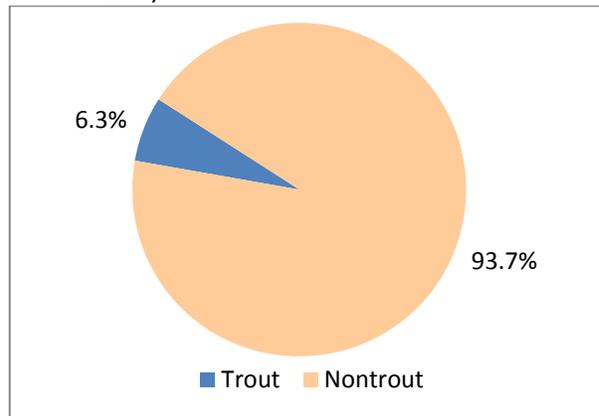
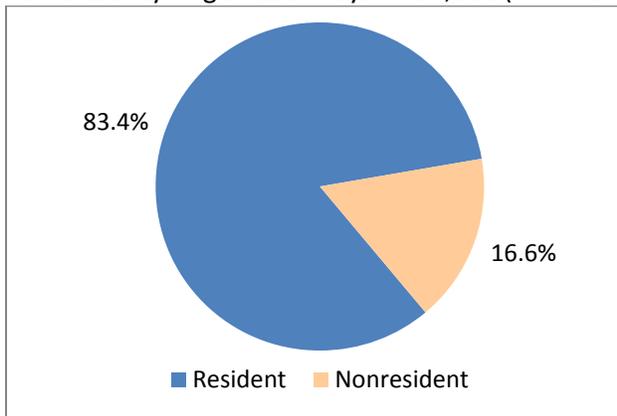
YUMA COUNTY – 2013 ANGLING SUMMARY

Yuma County waters survey respondents fished:

Colorado River - Ehrenberg/Blythe to Yuma (50%)	Growler Pond	Redondo Lake
Council Park Pond (Somerton)	Martinez Lake	Yuma Area Canals
Fortuna Pond (Moser Pond)	Mittry Lake	Yuma West Wetlands Pond

Angler Activity:

Yuma County Angler User Days = 252,868 (4.21% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	181.1	21.55	2.273	1	252	36.1	7.89	1.877	1	60	217.2	19.28	1.950	1	252
Fishing Trips	172.7	18.51	2.260	1	252	35.8	5.61	1.731	1	60	208.5	16.30	1.924	1	252
Days per Trip	172.7	1.52	0.100	1	24	35.8	2.49	0.505	1	20	208.5	1.69	0.122	1	24
Waters Fished*	181.1	1.51	0.079	1	6	36.1	0.94	0.094	1	3	217.2	1.41	0.069	1	6

*Waters Fished in Yuma County.

Economic Impacts:

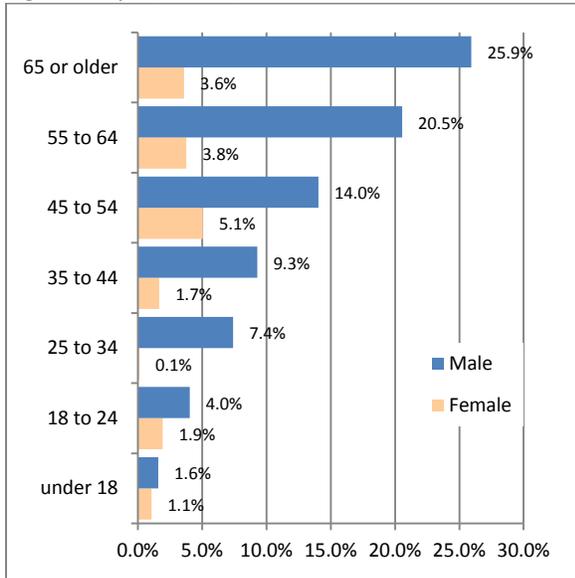
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$11,304,172	DIRECT EXPENDITURES	\$21,363,118
Food, Restaurant	\$4,000,857	TOTAL MULTIPLIER EFFECT	\$26,235,408
Lodging	\$1,317,330	SALARIES AND WAGES	\$4,872,290
Transportation	\$3,701,966	FULL-TIME & PART-TIME JOBS	430
Other	\$2,284,019	STATE TAX REVENUES	\$1,124,375
TOTAL EQUIPMENT	\$10,058,946		
Fishing	\$4,111,327		
Auxiliary	\$5,947,620		

Data from: "2013 ECONOMIC IMPACT OF FISHING IN ARIZONA", Anthony Fedler, PhD. and Responsive Management.

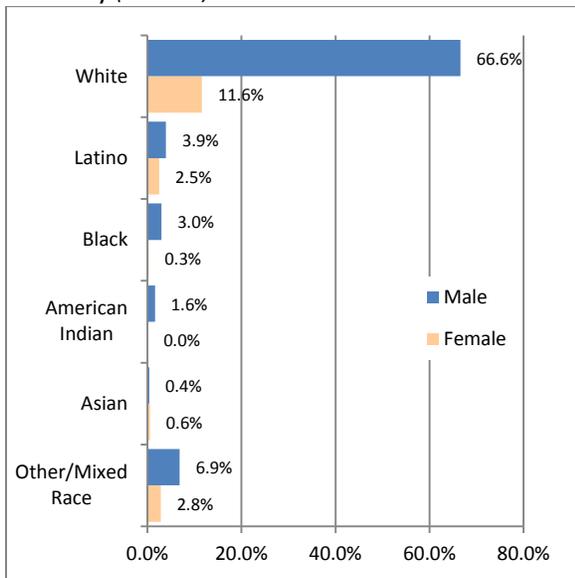
Yuma County Demographics:

Age/Gender	Male	Female	Total
n	179.9	37.3	217.2
%	82.8	17.2	100.0
Mean	53.3	49.6	52.6
Std. Error	1.197	2.788	1.102
Median	56	54	55

Age Groups (n=217.2)



Ethnicity (n=207.7)



Household Income (n=189.0)	n	%
Under \$20,000	25.6	13.5
\$20,000 - \$39,999	31.1	16.5
\$40,000 - \$59,999	48.7	25.8
\$60,000 - \$79,999	30.9	16.3
\$80,000 - \$99,999	22.7	12.0
\$100,000 - \$119,999	11.2	5.9
\$120,000 or more	18.7	9.9

State Residency (n=217.2)	n	%
AZ	182.6	84.1
CA	11.9	5.5
WA	3.1	1.4
MN	1.5	0.7
OR	1.5	0.7
CO	1.5	0.7
MD	1.5	0.7
ME	1.5	0.7
All Others	12.2	5.6

Arizona City (n=182.6)	n	%
YUMA	119.7	65.5
TUCSON	8.9	4.9
GLENDALE	6.1	3.3
WICKENBURG	6.1	3.3
PHOENIX	4.7	2.6
WELLTON	4.4	2.4
CHANDLER	2.6	1.4
GILBERT	2.1	1.2
MESA	2.1	1.2
TEMPE	2.1	1.2
FLAGSTAFF	1.8	1.0
SOMERTON	1.8	1.0
PRESCOTT VALLEY	1.7	0.9
PRESCOTT	1.6	0.9
MARICOPA	1.3	0.7
PAYSON	1.2	0.7
KINGMAN	1.2	0.7
PARKER	1.2	0.6
SAN TAN VALLEY	1.0	0.5
SIERRA VISTA	0.9	0.5
All Others	10.2	5.6

AGFD REGION I – 2013 ANGLING SUMMARY

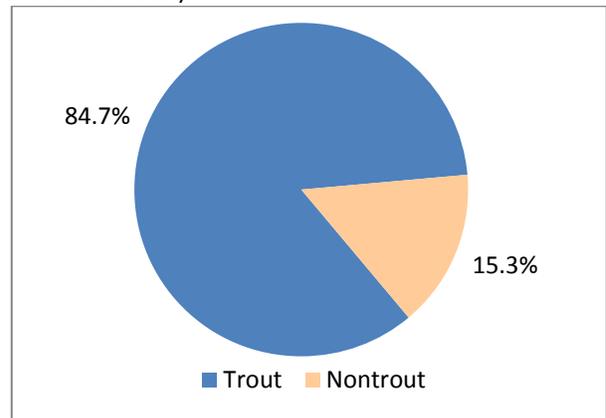
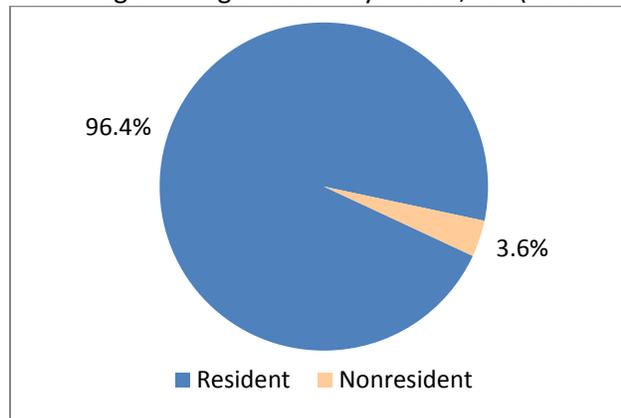
AGFD Region I waters survey respondents fished:

Ackre Lake*	Fool Hollow Lake	Rainbow Lake
Becker Lake	Greer Area Lakes - Bunch, River, Tunnel	San Fransico River
Big Lake	Hulsey Lake*	Scotts Reservoir
Black Canyon Lake	Lee Valley Lake	Show Low Lake
Black River, East Fork	Little Colorado River (Greer)	Silver Creek
Black River, West Fork	Little Colorado River (Sheep's Crossing)	White Mountain Lake*
Carnero Lake	Luna Lake	Willow Springs Lake
Chevelon Lake	Lyman Lake	Woodland Reservoir
Clear Creek Reservoir	Nelson Reservoir	Woods Canyon Lake
Crescent Lake	Nutriosio Reservoir*	
Eagle Creek	Pratt Lake*	

*Miscellaneous Water due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

Angler Activity:

AGFD Region I Angler User Days = 994,582 (16.55% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	1,581.8	10.27	0.438	1	202	59.2	6.68	1.071	1	45	1,641.0	10.14	0.424	1	202
Fishing Trips	1,565.6	7.19	0.401	1	202	59.2	5.20	1.019	1	40	1,624.8	7.12	0.388	1	202
Days per Trip	1,565.6	2.05	0.064	1	101	59.2	1.66	0.129	1	7	1,624.8	2.04	0.062	1	101
Waters Fished†	1,581.8	1.84	0.029	1	9	59.2	1.74	0.120	1	5	1,641.0	1.83	0.029	1	9

†Waters Fished in AGFD Region I.

Economic Impacts:

State of Arizona Economic Values (16.55%)

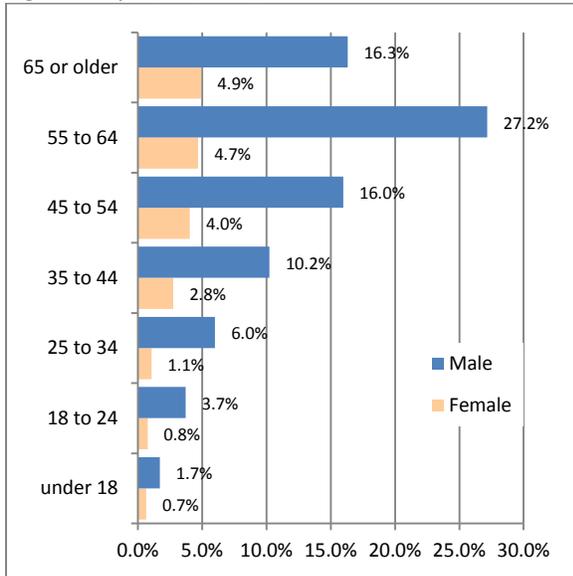
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$92,505,049	DIRECT EXPENDITURES	\$158,450,905
Food, Restaurant	\$34,045,602	TOTAL MULTIPLIER EFFECT	\$243,617,424
Lodging	\$13,083,250	SALARIES AND WAGES	\$93,481,360
Transportation	\$28,135,463	FULL-TIME & PART-TIME JOBS	3,316
Other	\$17,240,735	STATE TAX REVENUES	\$10,249,088
TOTAL EQUIPMENT	\$65,945,855		
Fishing	\$23,097,537		
Auxiliary	\$42,848,318		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

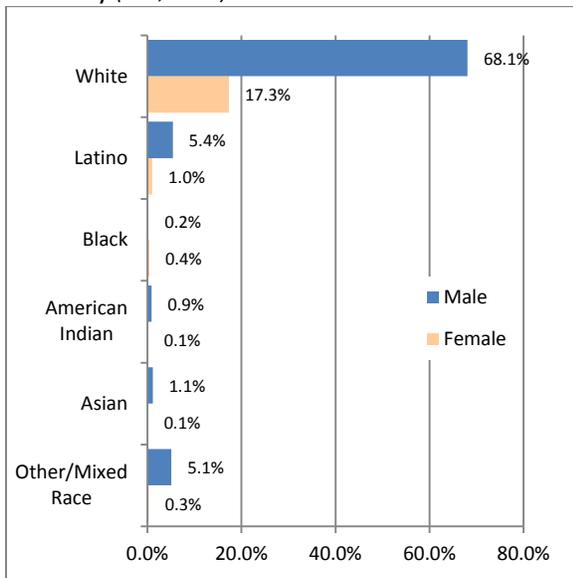
AGFD Region I Demographics:

Age/Gender	Male	Female	Total
n	1,331.0	310.0	1,641.0
%	81.1	18.9	100.0
Mean	52.2	51.8	52.1
Std. Error	0.402	0.825	0.361
Median	56	55	55

Age Groups (n=1,641.0)



Ethnicity (n=1,609.2)



Household Income (n=1,382.1)	n	%
Under \$20,000	103.4	7.5
\$20,000 - \$39,999	177.4	12.8
\$40,000 - \$59,999	230.1	16.6
\$60,000 - \$79,999	292.9	21.2
\$80,000 - \$99,999	199.7	14.5
\$100,000 - \$119,999	157.4	11.4
\$120,000 or more	221.2	16.0

State Residency (n=1,641.0)	n	%
AZ	1,581.1	96.4
MA	20.3	1.2
NM	15.5	0.9
All Others	24.1	1.5

Arizona City (n=1,581.1)	n	%
PHOENIX	232.4	14.7
TUCSON	179.9	11.4
MESA	158.0	10.0
SCOTTSDALE	104.6	6.6
GLENDALE	92.9	5.9
CHANDLER	58.5	3.7
SHOW LOW	55.0	3.5
GILBERT	47.1	3.0
WADDELL	40.7	2.6
PAYSON	38.7	2.4
TEMPE	37.5	2.4
FOUNTAIN HILLS	26.4	1.7
CASA GRANDE	22.9	1.4
PRESCOTT	19.1	1.2
PINETOP	19.0	1.2
FLAGSTAFF	17.7	1.1
LAKESIDE	16.9	1.1
EAGAR	14.7	0.9
SAFFORD	13.7	0.9
WINSLOW	13.2	0.8
SPRINGVILLE	13.2	0.8
YUMA	11.7	0.7
SAN TAN VALLEY	10.8	0.7
THATCHER	10.4	0.7
QUEEN CREEK	10.3	0.7
All Others	315.9	20.0

AGFD REGION II – 2013 ANGLING SUMMARY

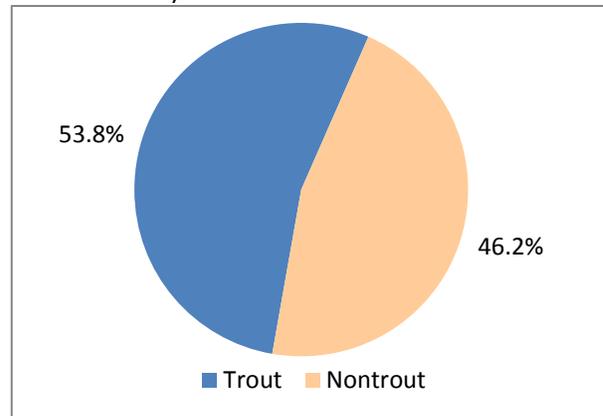
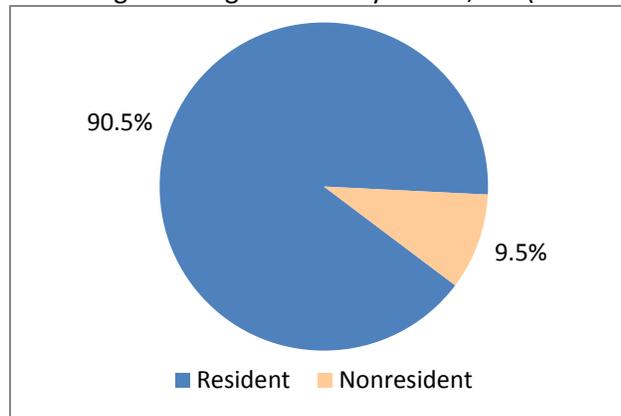
AGFD Region II waters survey respondents fished:

Ashurst Lake	Huffer Tank*	Oak Creek
C.C. Cragin (Blue Ridge) Reservoir	JD Dam	Perkins Tank
Cataract Lake	Kaibab Lake	Santa Fe Lake
City Reservoir	Kinnikinick Lake	Scholze Lake*
Colorado River - Lees Ferry	Knoll Lake	West Clear Creek*
Dogtown Reservoir	Lake Mary (Lower)	Wet Beaver Creek
East Clear Creek	Lake Mary (Upper)	Whitehorse Lake
Elk Tank*	Lake Powell	
Francis Short Pond	Long Lake	

*Miscellaneous Water due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

Angler Activity:

AGFD Region II Angler User Days = 572,896 (9.53% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	974.2	9.40	0.622	1	275	102.4	4.12	0.477	1	60	1,076.6	8.89	0.567	1	275
Fishing Trips	959.1	5.95	0.507	1	275	100.9	2.13	0.403	1	60	1,060.0	5.59	0.461	1	275
Days per Trip	959.1	2.08	0.067	1	30	100.9	2.59	0.272	1	20	1,060.0	2.13	0.066	1	30
Waters Fished*	974.2	1.49	0.032	1	8	102.4	1.14	0.053	1	5	1,076.6	1.45	0.029	1	8

*Waters Fished in AGFD Region II.

Economic Impacts:

State of Arizona Economic Values (9.53%)

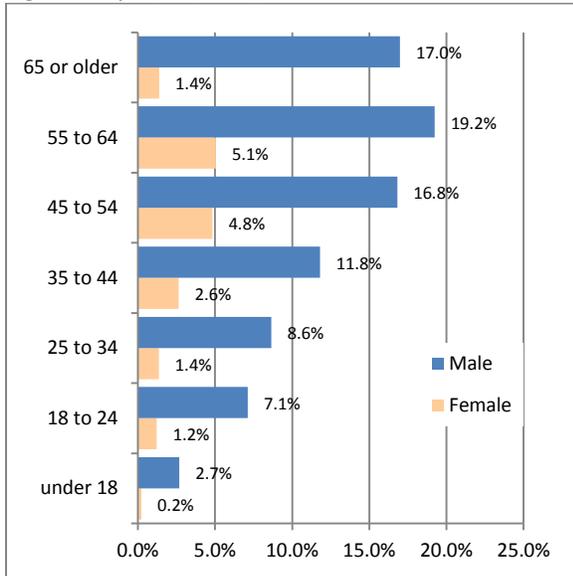
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$53,267,258	DIRECT EXPENDITURES	\$91,240,914
Food, Restaurant	\$19,604,507	TOTAL MULTIPLIER EFFECT	\$140,282,420
Lodging	\$7,533,739	SALARIES AND WAGES	\$53,829,448
Transportation	\$16,201,267	FULL-TIME & PART-TIME JOBS	1,910
Other	\$9,927,746	STATE TAX REVENUES	\$5,901,741
TOTAL EQUIPMENT	\$37,973,656		
Fishing	\$13,300,274		
Auxiliary	\$24,673,382		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

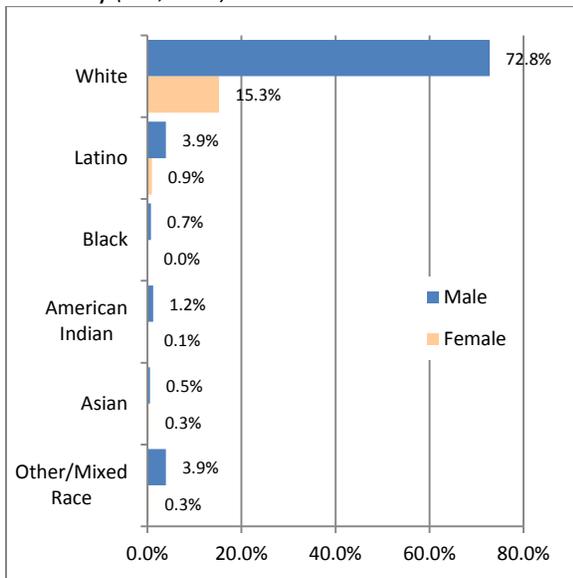
AGFD Region II Demographics:

Age/Gender	Male	Female	Total
n	896.6	180.1	1,076.6
%	83.3	16.7	100.0
Mean	48.8	48.2	48.7
Std. Error	0.540	1.024	0.481
Median	51	51	51

Age Groups (n=1,076.6)



Ethnicity (n=1,053.5)



Household Income (n=925.5)	n	%
Under \$20,000	63.5	6.9
\$20,000 - \$39,999	118.7	12.8
\$40,000 - \$59,999	162.6	17.6
\$60,000 - \$79,999	178.9	19.3
\$80,000 - \$99,999	133.2	14.4
\$100,000 - \$119,999	108.7	11.7
\$120,000 or more	160.0	17.3

State Residency (n=1,076.6)	n	%
AZ	972.4	90.3
MA	11.9	1.1
CA	11.5	1.1
ID	9.5	0.9
CO	9.2	0.9
UT	7.9	0.7
WI	7.0	0.6
All Others	47.3	4.4

Arizona City (n=972.4)	n	%
PHOENIX	167.1	17.2
FLAGSTAFF	138.4	14.2
SCOTTSDALE	61.9	6.4
MESA	53.8	5.5
GLENDALE	45.1	4.6
TUCSON	35.4	3.6
PRESCOTT	35.1	3.6
WADDELL	30.6	3.2
CHANDLER	23.1	2.4
COTTONWOOD	21.7	2.2
PRESCOTT VALLEY	20.4	2.1
CHINO VALLEY	19.9	2.0
KINGMAN	19.6	2.0
GILBERT	19.4	2.0
PAGE	17.5	1.8
TEMPE	16.8	1.7
WILLIAMS	16.6	1.7
PEORIA	11.3	1.2
SEDONA	11.2	1.1
LAKE HAVASU CITY	10.7	1.1
FOUNTAIN HILLS	10.3	1.1
All Others	186.4	19.2

AGFD REGION III – 2013 ANGLING SUMMARY

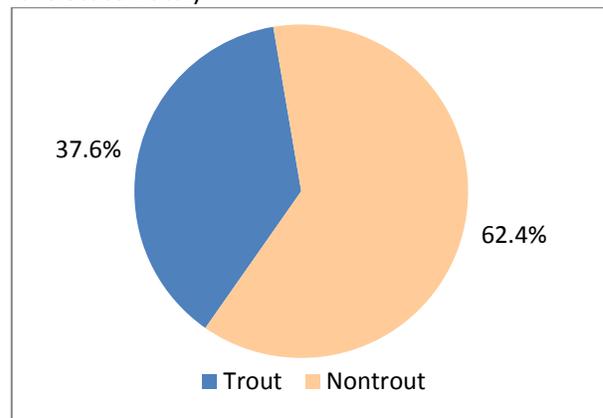
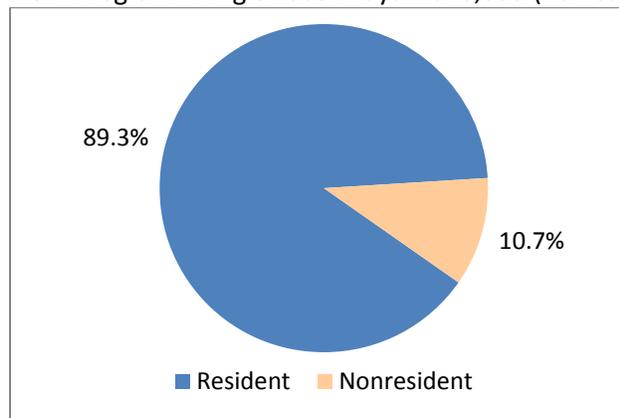
AGFD Region III waters survey respondents fished:

Colorado River - Topock Area	Granite Basin Lake	Verde River (Sullivan Lk to Perkinsville)
Coors Lake*	Lake Mead	Verde River (Sycamore Ck to Childs)
Dead Horse Lake	Lake Mohave	Watson Lake
Fain Lake	Lynx Lake	
Goldwater Lake	Mingus Lake	

*Miscellaneous Water due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

Angler Activity:

AGFD Region III Angler User Days = 616,855 (10.26% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	574.4	16.76	1.281	1	300	68.6	9.30	2.311	1	180	642.9	15.97	1.174	1	300
Fishing Trips	554.2	13.03	1.138	1	300	68.6	6.38	1.848	1	180	622.8	12.30	1.036	1	300
Days per Trip	554.2	1.72	0.087	1	30	68.6	2.89	1.261	1	150	622.8	1.85	0.159	1	150
Waters Fished*	574.4	1.50	0.033	1	6	68.6	1.23	0.056	1	3	642.9	1.48	0.030	1	6

*Waters Fished in AGFD Region III.

Economic Impacts:

State of Arizona Economic Values (10.26%)

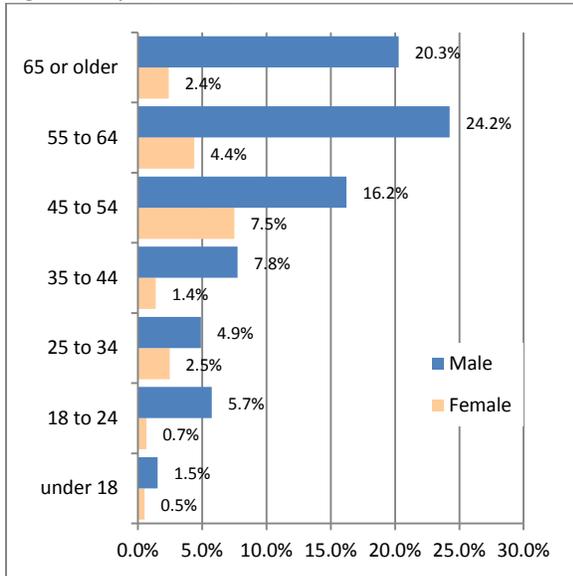
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$57,347,541	DIRECT EXPENDITURES	\$98,229,987
Food, Restaurant	\$21,106,216	TOTAL MULTIPLIER EFFECT	\$151,028,083
Lodging	\$8,110,824	SALARIES AND WAGES	\$57,952,795
Transportation	\$17,442,287	FULL-TIME & PART-TIME JOBS	2,056
Other	\$10,688,214	STATE TAX REVENUES	\$6,353,815
TOTAL EQUIPMENT	\$40,882,446		
Fishing	\$14,319,078		
Auxiliary	\$26,563,368		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

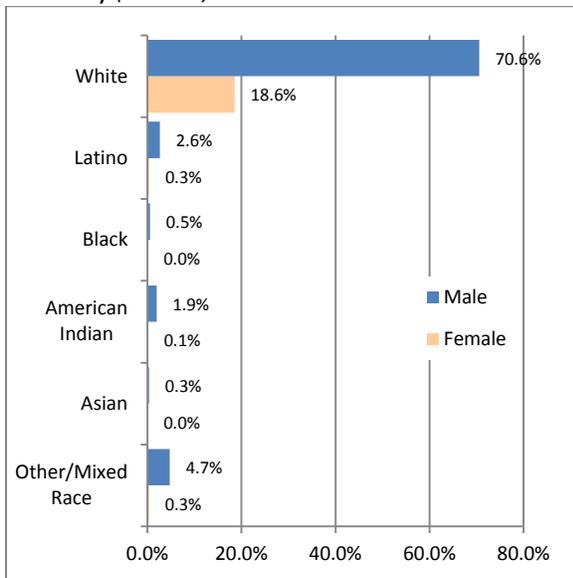
AGFD Region III Demographics:

Age/Gender	Male	Female	Total
n	518.7	124.2	642.9
%	80.7	19.3	100.0
Mean	52.6	49.5	52.0
Std. Error	0.680	1.229	0.599
Median	56	51	55

Age Groups (n=642.9)



Ethnicity (n=634.8)



Household Income (n=540.3)	n	%
Under \$20,000	61.5	11.4
\$20,000 - \$39,999	119.4	22.1
\$40,000 - \$59,999	99.0	18.3
\$60,000 - \$79,999	101.4	18.8
\$80,000 - \$99,999	58.5	10.8
\$100,000 - \$119,999	40.5	7.5
\$120,000 or more	60.0	11.1

State Residency (n=642.9)	n	%
AZ	574.7	89.4
CA	17.5	2.7
MA	10.5	1.6
NV	4.9	0.8
All Others	35.2	5.5

Arizona City (n=574.7)	n	%
PHOENIX	74.3	12.9
PRESCOTT	49.4	8.6
BULLHEAD CITY	43.4	7.6
KINGMAN	43.3	7.5
PRESCOTT VALLEY	37.7	6.6
GLENDALE	35.7	6.2
COTTONWOOD	28.4	4.9
SCOTTSDALE	21.9	3.8
WADDELL	21.2	3.7
FLAGSTAFF	19.5	3.4
MESA	19.4	3.4
LAKE HAVASU CITY	18.7	3.3
CHINO VALLEY	18.2	3.2
MOHAVE VALLEY	10.6	1.8
TUCSON	10.5	1.8
GOLDEN VALLEY	10.2	1.8
CHANDLER	8.2	1.4
PAULDEN	8.1	1.4
WICKENBURG	6.8	1.2
FORT MOHAVE	6.4	1.1
NEW RIVER	6.1	1.1
TONOPAH	6.1	1.1
CAMP VERDE	5.4	0.9
All Others	65.1	11.3

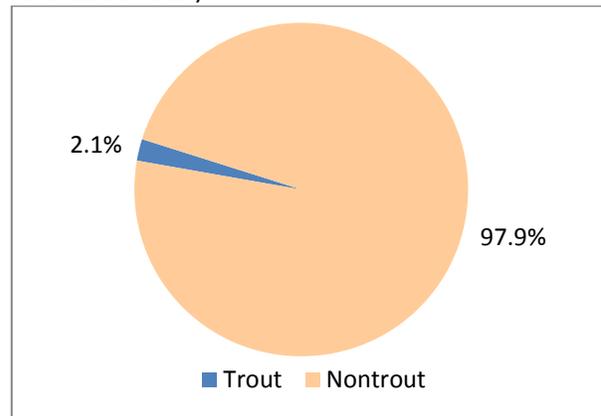
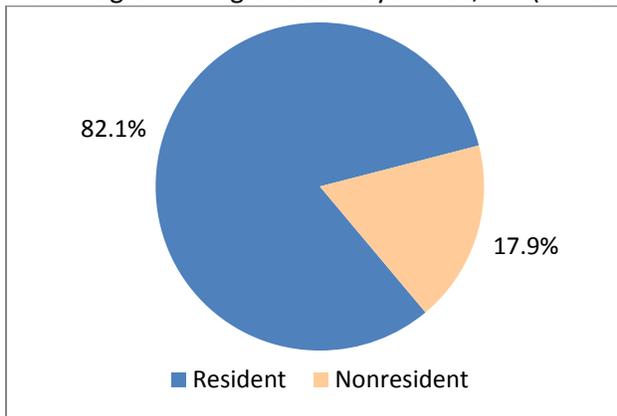
AGFD REGION IV – 2013 ANGLING SUMMARY

AGFD Region IV waters survey respondents fished:

Alamo Lake	Fortuna Pond (Moser Pond)	Mittry Lake
Colorado River - Parker Strip Area	Growler Pond	Redondo Lake
Colorado River - Ehrenberg/Blythe to Yuma	Lake Havasu	Yuma Area Canals
Council Park Pond (Somerton)	Martinez Lake	Yuma West Wetlands Pond

Angler Activity:

AGFD Region IV Angler User Days = 738,417 (12.29% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	598.8	17.94	1.179	1	270	130.5	11.10	1.592	1	150	729.3	16.72	1.013	1	270
Fishing Trips	585.9	14.39	1.152	1	270	130.2	6.77	1.233	1	120	716.0	13.01	0.975	1	270
Days per Trip	585.9	1.89	0.068	1	24	130.2	3.64	0.400	1	30	716.0	2.21	0.095	1	30
Waters Fished*	598.8	1.36	0.032	1	6	130.5	1.17	0.038	1	3	729.3	1.32	0.027	1	6

*Waters Fished in AGFD Region IV.

Economic Impacts:

State of Arizona Economic Values (12.29%)

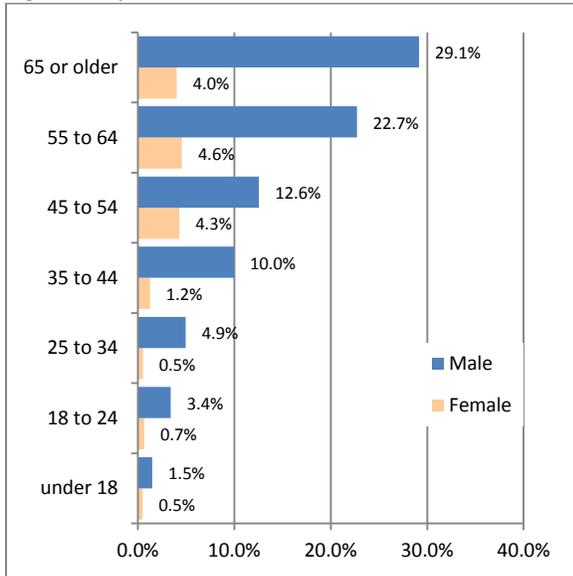
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$68,694,082	DIRECT EXPENDITURES	\$117,665,355
Food, Restaurant	\$25,282,202	TOTAL MULTIPLIER EFFECT	\$180,909,858
Lodging	\$9,715,598	SALARIES AND WAGES	\$69,419,088
Transportation	\$20,893,344	FULL-TIME & PART-TIME JOBS	2,463
Other	\$12,802,938	STATE TAX REVENUES	\$7,610,954
TOTAL EQUIPMENT	\$48,971,273		
Fishing	\$17,152,189		
Auxiliary	\$31,819,083		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

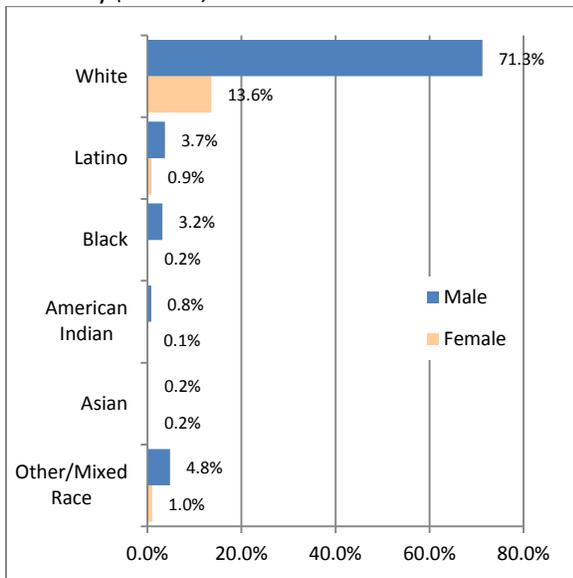
AGFD Region IV Demographics:

Age/Gender	Male	Female	Total
n	614.1	115.1	729.3
%	84.2	15.8	100.0
Mean	55.2	54.2	55.1
Std. Error	0.621	1.300	0.562
Median	59	56	59

Age Groups (n=729.3)



Ethnicity (n=712.3)



Household Income (n=616.0)	n	%
Under \$20,000	55.8	9.1
\$20,000 - \$39,999	96.0	15.6
\$40,000 - \$59,999	136.3	22.1
\$60,000 - \$79,999	131.7	21.4
\$80,000 - \$99,999	80.2	13.0
\$100,000 - \$119,999	51.9	8.4
\$120,000 or more	64.0	10.4

State Residency (n=729.3)	n	%
AZ	601.2	82.4
CA	23.1	3.2
MN	13.3	1.8
ID	12.4	1.7
CO	8.5	1.2
WA	8.3	1.1
NV	8.0	1.1
All Others	54.4	7.5

Arizona City (n=601.2)	n	%
YUMA	121.8	20.3
LAKE HAVASU CITY	79.1	13.2
PHOENIX	77.6	12.9
GLENDALE	38.5	6.4
WADDELL	26.6	4.4
PRESCOTT	19.5	3.2
TUCSON	19.2	3.2
GILBERT	14.3	2.4
KINGMAN	13.0	2.2
CHANDLER	10.7	1.8
PARKER	10.5	1.8
PRESCOTT VALLEY	10.1	1.7
PEORIA	9.2	1.5
BULLHEAD CITY	9.0	1.5
SCOTTSDALE	8.6	1.4
TEMPE	8.2	1.4
FLAGSTAFF	7.4	1.2
WICKENBURG	6.8	1.1
BUCKEYE	6.1	1.0
SUN CITY WEST	6.1	1.0
COTTONWOOD	5.7	0.9
MOHAVE VALLEY	5.3	0.9
All Others	88.0	14.6

AGFD REGION V – 2013 ANGLING SUMMARY

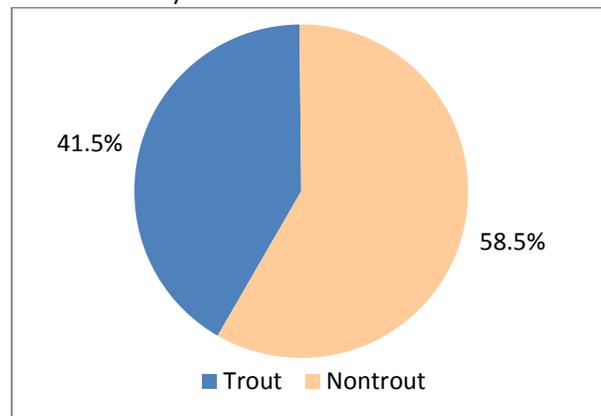
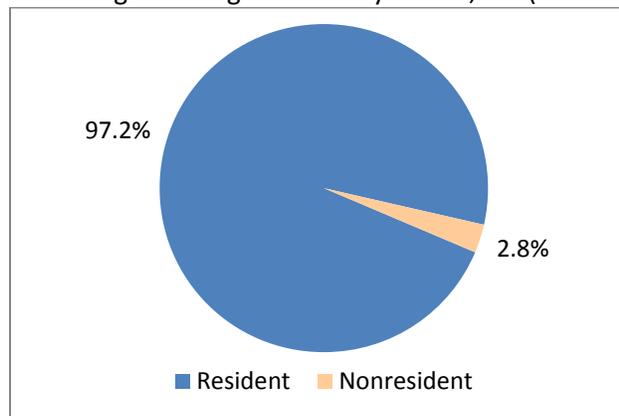
AGFD Region V waters survey respondents fished:

Arivaca Lake	Lakeside Lake	Rose Canyon Lake
Cluff Ranch Ponds	Parker Canyon Lake	Sahuarita Lake
Dankworth Pond*	Patagonia Lake	San Pedro River
Frye Mesa Reservoir	Pena Blanca Lake	Silverbell Lake
Gila River - Safford Area	Riggs Flat Lake	
Kennedy Lake	Roper Lake	

*Miscellaneous Water due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

Angler Activity:

AGFD Region V Angler User Days = 558,926 (9.30% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	666.8	13.84	0.971	1	259	19.3	6.69	5.036	1	125	686.1	13.64	0.955	1	259
Fishing Trips	655.8	11.90	0.950	1	259	19.3	2.88	1.199	1	30	675.1	11.64	0.925	1	259
Days per Trip	655.8	1.52	0.050	1	36	19.3	1.85	0.416	1	7	675.1	1.53	0.050	1	36
Waters Fished*	666.8	1.62	0.034	1	6	19.3	1.21	0.122	1	3	686.1	1.61	0.033	1	6

*Waters Fished in AGFD Region V.

Economic Impacts:

State of Arizona Economic Values (9.30%)

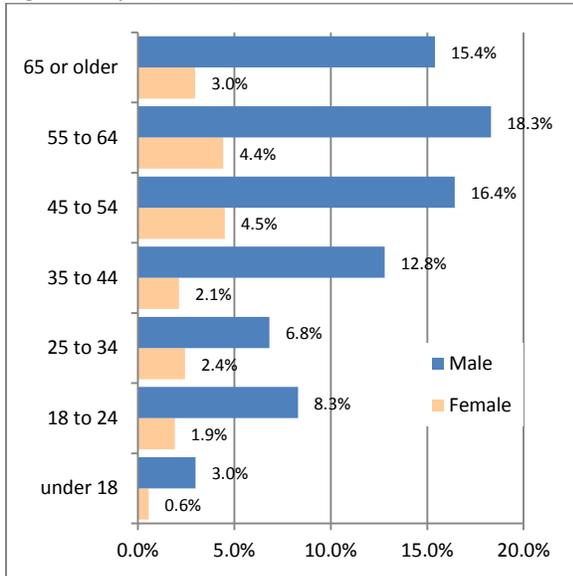
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$51,981,689	DIRECT EXPENDITURES	\$89,038,877
Food, Restaurant	\$19,131,365	TOTAL MULTIPLIER EFFECT	\$136,896,800
Lodging	\$7,351,917	SALARIES AND WAGES	\$52,530,311
Transportation	\$15,810,260	FULL-TIME & PART-TIME JOBS	1,864
Other	\$9,688,147	STATE TAX REVENUES	\$5,759,306
TOTAL EQUIPMENT	\$37,057,188		
Fishing	\$12,979,281		
Auxiliary	\$24,077,907		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

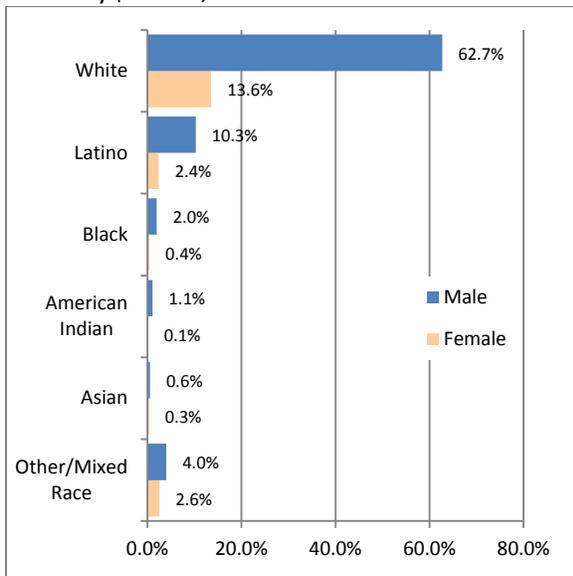
AGFD Region V Demographics:

Age/Gender	Male	Female	Total
n	556.0	130.1	686.1
%	81.0	19.0	100.0
Mean	48.3	47.2	48.1
Std. Error	0.712	1.392	0.634
Median	51	51	51

Age Groups (n=686.1)



Ethnicity (n=669.1)



Household Income (n=558.3)	n	%
Under \$20,000	51.5	9.2
\$20,000 - \$39,999	107.6	19.3
\$40,000 - \$59,999	99.1	17.8
\$60,000 - \$79,999	115.7	20.7
\$80,000 - \$99,999	82.2	14.7
\$100,000 - \$119,999	46.2	8.3
\$120,000 or more	56.1	10.1

State Residency (n=686.1)	n	%
AZ	662.1	96.5
TX	3.0	0.4
MA	3.0	0.4
CA	2.5	0.4
MN	2.4	0.4
All Others	13.1	1.9

Arizona City (n=662.1)	n	%
TUCSON	372.1	56.2
SIERRA VISTA	48.7	7.4
SAFFORD	26.4	4.0
VAIL	25.9	3.9
PHOENIX	22.4	3.4
THATCHER	12.7	1.9
HEREFORD	11.9	1.8
MARANA	11.8	1.8
SAHUARITA	11.4	1.7
HUACHUCA CITY	11.4	1.7
GREEN VALLEY	7.3	1.1
RIO RICO	6.5	1.0
BENSON	6.3	0.9
GLENDALE	6.1	0.9
CASA GRANDE	4.6	0.7
NOGALES	4.3	0.7
PIMA	3.9	0.6
BISBEE	3.5	0.5
MORENCI	3.3	0.5
DUNCAN	3.1	0.5
WILLCOX	3.0	0.5
YUMA	2.8	0.4
TOMBSTONE	2.6	0.4
All Others	50.2	7.6

AGFD REGION VI – 2013 ANGLING SUMMARY

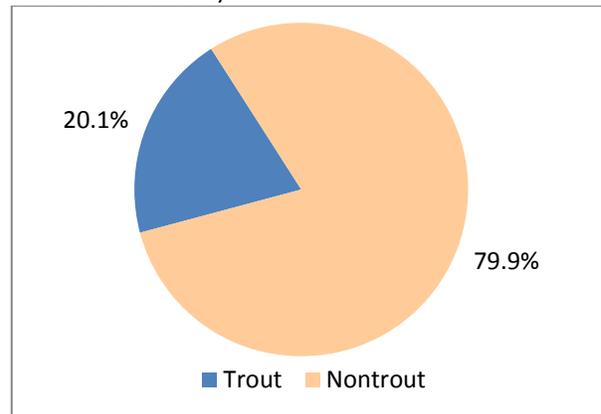
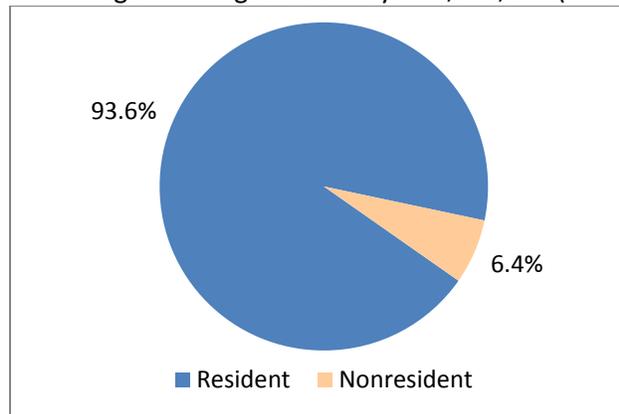
AGFD Region VI waters survey respondents fished:

Alvord Lake	East Verde River	Saguaro Lake
Apache Lake	Encanto Lake	Salt River (Above Roosevelt)
ASU Research Park	Evelyn Hallman Pond	Salt River (Below Saguaro)
Bartlett Lake	Gila River - Phoenix Area	Steele Indian School Pond
Canyon Creek	Green Valley Lake	Surprise Lake
Canyon Lake	Haigler Creek	Tempe Town Lake
Chaparral Lake	Kiwanis Lake	Tonto Creek (Salt River Drainage)
Christopher Creek	Lake Pleasant	Verde River (Bartlett Dam to Fort McDowell Indian Reservation)
Cortez Lake	Phoenix Area Canals	Veterans Oasis Lake
Crystal Gardens Water Treatment Fac.	Red Mountain Lake	Water Ranch Lake
Desert Breeze Lake	Rio Vista Pond	Workman Creek*
Dude Creek*	Roosevelt Lake	

*Miscellaneous Water due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

Angler Activity:

AGFD Region VI Angler User Days = 2,526,974 (42.05% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	2,644.1	15.47	0.510	1	280	179.9	7.47	1.318	1	196	2,824.0	14.96	0.486	1	280
Fishing Trips	2,619.2	13.05	0.499	1	280	179.9	6.11	1.290	1	196	2,799.1	12.60	0.475	1	280
Days per Trip	2,619.2	1.56	0.027	1	36	179.9	1.86	0.184	1	30	2,799.1	1.58	0.028	1	36
Waters Fished*	2,644.1	1.76	0.020	1	7	179.9	1.32	0.051	1	5	2,824.0	1.73	0.019	1	7

*Waters Fished in AGFD Region VI.

Economic Impacts:

State of Arizona Economic Values (42.05%)

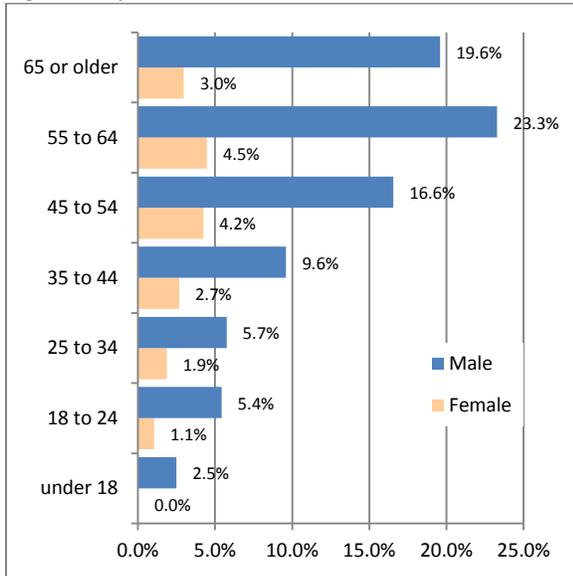
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$235,035,488	DIRECT EXPENDITURES	\$402,589,761
Food, Restaurant	\$86,502,571	TOTAL MULTIPLIER EFFECT	\$618,979,619
Lodging	\$33,241,732	SALARIES AND WAGES	\$237,516,083
Transportation	\$71,486,176	FULL-TIME & PART-TIME JOBS	8,426
Other	\$43,805,008	STATE TAX REVENUES	\$26,040,735
TOTAL EQUIPMENT	\$167,554,273		
Fishing	\$58,685,888		
Auxiliary	\$108,868,385		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

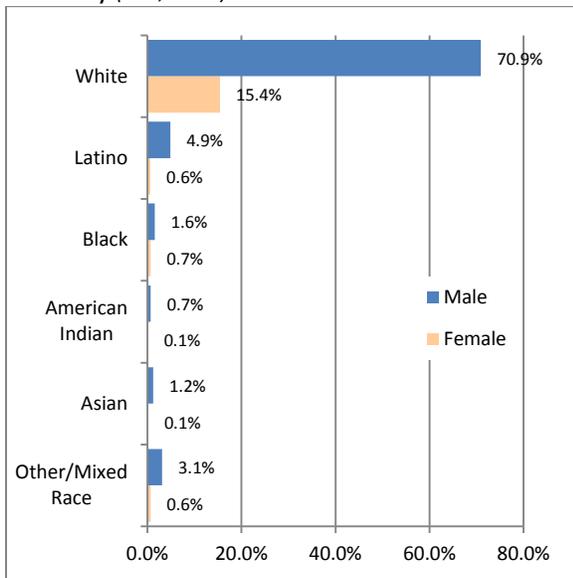
AGFD Region VI Demographics:

Age/Gender	Male	Female	Total
n	2,335.0	488.9	2,824.0
%	82.7	17.3	100.0
Mean	51.6	50.0	51.3
Std. Error	0.326	0.623	0.290
Median	55	52	55

Age Groups (n=2,824.0)



Ethnicity (n=2,762.8)



Household Income (n=2,351.6)	n	%
Under \$20,000	219.1	9.3
\$20,000 - \$39,999	354.5	15.1
\$40,000 - \$59,999	426.6	18.1
\$60,000 - \$79,999	438.6	18.7
\$80,000 - \$99,999	331.8	14.1
\$100,000 - \$119,999	204.4	8.7
\$120,000 or more	376.7	16.0

State Residency (n=2,824.0)	n	%
AZ	2,627.5	93.0
MA	21.3	0.8
WI	14.2	0.5
CO	13.5	0.5
IL	13.4	0.5
CA	13.2	0.5
MN	12.7	0.5
All Others	108.2	3.8

Arizona City (n=2,627.5)	n	%
PHOENIX	528.6	20.1
MESA	339.3	12.9
GLENDALE	213.8	8.1
TUCSON	196.8	7.5
SCOTTSDALE	163.7	6.2
CHANDLER	129.8	4.9
GILBERT	122.1	4.6
WADDELL	113.2	4.3
PAYSON	45.8	1.7
TEMPE	44.0	1.7
QUEEN CREEK	37.4	1.4
CASA GRANDE	36.3	1.4
FLAGSTAFF	35.0	1.3
SAN TAN VALLEY	26.6	1.0
FOUNTAIN HILLS	22.3	0.8
PRESCOTT	21.9	0.8
GLOBE	21.5	0.8
SHOW LOW	20.8	0.8
FLORENCE	17.8	0.7
GOLD CANYON	15.2	0.6
COTTONWOOD	15.1	0.6
MARICOPA	14.8	0.6
All Others	445.9	17.0

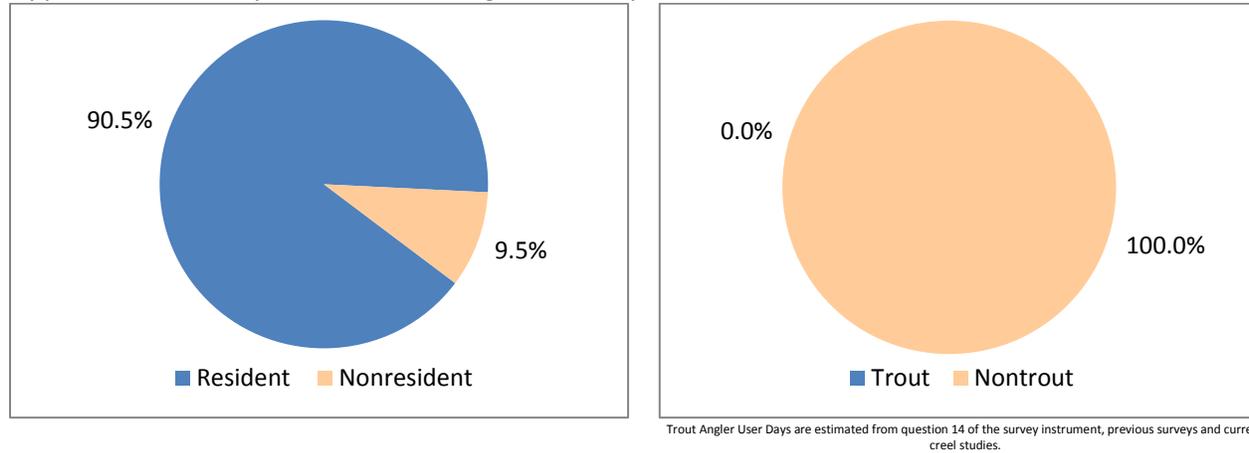
UPPER COLORADO-DIRTY DEVIL (140700) – 2013 ANGLING SUMMARY

Upper Colorado-Dirty Devil (140700) waters survey respondents fished:

Lake Powell

Angler Activity:

Upper Colorado-Dirty Devil (140700) Angler User Days = 130,377 (2.17% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	195.7	10.70	1.563	1	200	20.6	3.91	0.659	1	20	216.3	10.06	1.421	1	200
Fishing Trips	192.2	6.02	1.339	1	200	20.6	1.42	0.237	1	7	212.8	5.57	1.213	1	200
Days per Trip	192.2	2.91	0.185	1	30	20.6	3.00	0.374	1	7	212.8	2.92	0.170	1	30
Waters Fished*	195.7	1.00	0.000	1	1	20.6	1.00	0.000	1	1	216.3	1.00	0.000	1	1

*Waters Fished in Upper Colorado-Dirty Devil (140700).

Economic Impacts:

State of Arizona Economic Values (2.17%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$12,129,061	DIRECT EXPENDITURES	\$20,775,738
Food, Restaurant	\$4,463,985	TOTAL MULTIPLIER EFFECT	\$31,942,587
Lodging	\$1,715,447	SALARIES AND WAGES	\$12,257,073
Transportation	\$3,689,061	FULL-TIME & PART-TIME JOBS	435
Other	\$2,260,568	STATE TAX REVENUES	\$1,343,838
TOTAL EQUIPMENT	\$8,646,677		
Fishing	\$3,028,499		
Auxiliary	\$5,618,178		

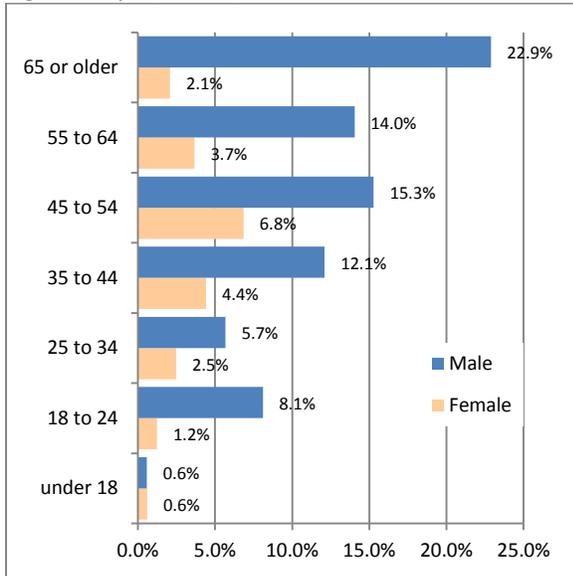
The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Upper Colorado-Dirty Devil (140700) Angler Demographics:

Age/Gender	Male	Female	Total
n	170.2	46.2	216.3
%	78.7	21.3	100.0
Mean	51.2	46.5	50.2
Std. Error	1.255	2.128	1.092
Median	54	51	52

Household Income (<i>n=191.0</i>)	n	%
Under \$20,000	10.0	5.2
\$20,000 - \$39,999	16.2	8.5
\$40,000 - \$59,999	29.1	15.2
\$60,000 - \$79,999	41.2	21.6
\$80,000 - \$99,999	35.0	18.3
\$100,000 - \$119,999	31.1	16.3
\$120,000 or more	28.6	15.0

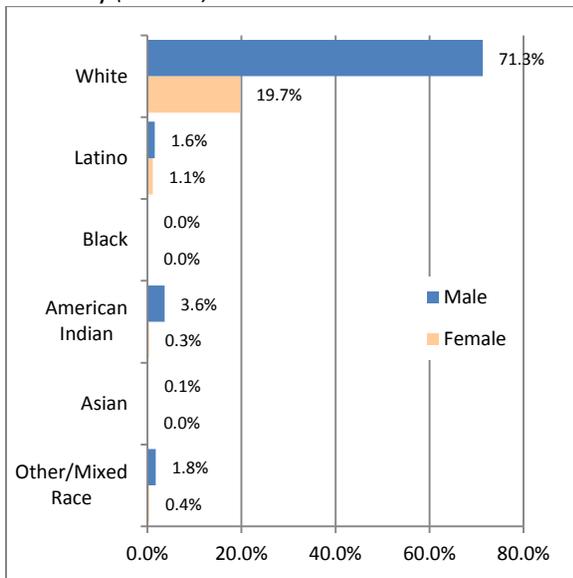
Age Groups (*n=216.3*)



State Residency (<i>n=216.3</i>)	n	%
AZ	195.0	90.1
ID	4.6	2.1
NV	4.5	2.1
CO	3.3	1.5
MA	1.9	0.9
KS	1.5	0.7
All Others	5.6	2.6

Arizona City (<i>n=195.0</i>)	n	%
FLAGSTAFF	35.7	18.3
GLENDALE	18.2	9.3
PAGE	16.8	8.6
MESA	11.0	5.6
PHOENIX	10.4	5.3
SCOTTSDALE	9.8	5.0
TUCSON	8.7	4.5
CHANDLER	6.1	3.1
SUN LAKES	6.1	3.1
TEMPE	6.1	3.1
WADDELL	6.1	3.1
PRESCOTT	4.7	2.4
COTTONWOOD	4.4	2.3
GILBERT	4.2	2.2
CAMP VERDE	3.3	1.7
TONALEA	3.2	1.6
LAKE HAVASU CITY	3.1	1.6
SEDONA	2.9	1.5
PRESCOTT VALLEY	2.9	1.5
CORNVILLE	2.4	1.2
SNOWFLAKE	2.2	1.1
VAIL	1.7	0.9
RIMROCK	1.7	0.9
All Others	23.3	11.9

Ethnicity (*n=213.3*)



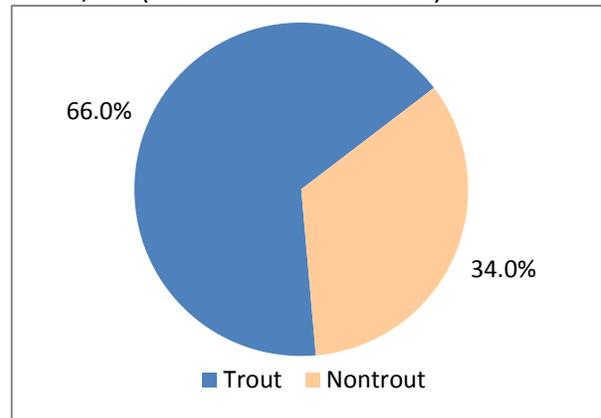
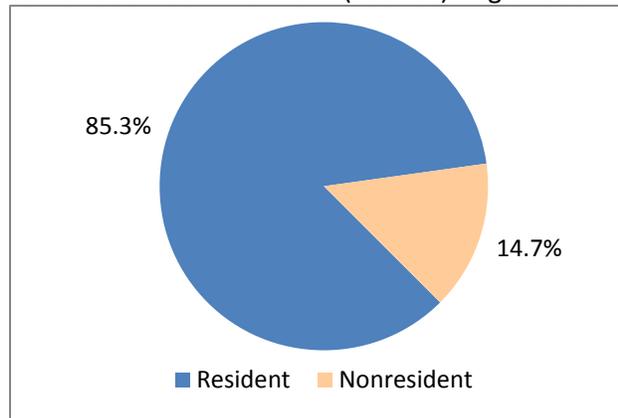
LOWER COLORADO-LAKE MEAD (150100) – 2013 ANGLING SUMMARY

Lower Colorado-Lake Mead (150100) waters survey respondents fished:

Cataract Lake	Dogtown Reservoir	Santa Fe Lake
City Reservoir	Kaibab Lake	
Colorado River - Lees Ferry	Lake Mead	

Angler Activity:

Lower Colorado-Lake Mead (150100) Angler User Days = 235,661 (3.92% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	435.0	8.09	0.752	1	275	75.1	5.29	1.015	1	70	510.1	7.68	0.660	1	275
Fishing Trips	428.3	5.30	0.688	1	275	73.6	3.05	0.918	1	70	501.9	4.97	0.603	1	275
Days per Trip	428.3	2.10	0.101	1	30	73.6	2.84	0.404	1	20	501.9	2.21	0.105	1	30
Waters Fished*	435.0	1.19	0.023	1	4	75.1	1.06	0.041	1	3	510.1	1.17	0.021	1	4

*Waters Fished in Lower Colorado-Lake Mead (150100).

Economic Impacts:

State of Arizona Economic Values (3.92%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$21,910,562	DIRECT EXPENDITURES	\$37,530,365
Food, Restaurant	\$8,063,973	TOTAL MULTIPLIER EFFECT	\$57,702,737
Lodging	\$3,098,873	SALARIES AND WAGES	\$22,141,808
Transportation	\$6,664,110	FULL-TIME & PART-TIME JOBS	785
Other	\$4,083,606	STATE TAX REVENUES	\$2,427,579
TOTAL EQUIPMENT	\$15,619,804		
Fishing	\$5,470,837		
Auxiliary	\$10,148,967		

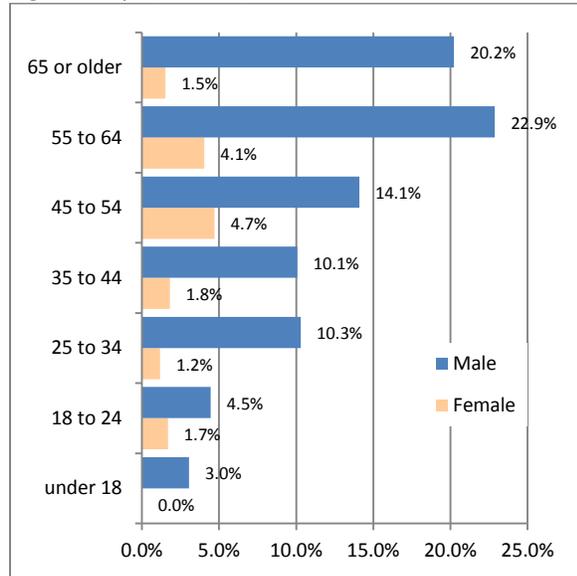
The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Lower Colorado-Lake Mead (150100) Angler Demographics:

Age/Gender	Male	Female	Total
n	433.8	76.3	510.1
%	85.0	15.0	100.0
Mean	50.6	48.4	50.3
Std. Error	0.771	1.725	0.705
Median	55	52	54

Household Income (<i>n=446.0</i>)	n	%
Under \$20,000	34.2	7.7
\$20,000 - \$39,999	59.5	13.3
\$40,000 - \$59,999	88.1	19.8
\$60,000 - \$79,999	85.1	19.1
\$80,000 - \$99,999	60.0	13.4
\$100,000 - \$119,999	36.3	8.1
\$120,000 or more	82.7	18.5

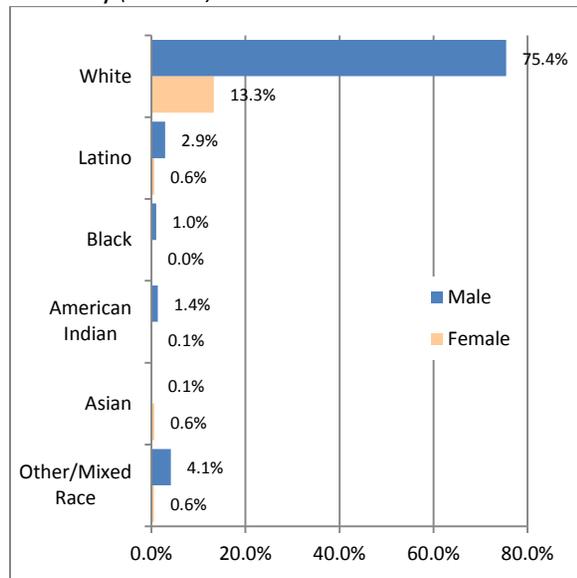
Age Groups (*n=510.1*)



State Residency (<i>n=510.1</i>)	n	%
AZ	434.6	85.2
CA	13.5	2.6
WI	7.8	1.5
ID	7.6	1.5
UT	6.7	1.3
All Others	39.9	7.8

Arizona City (<i>n=434.6</i>)	n	%
PHOENIX	73.3	16.9
FLAGSTAFF	52.1	12.0
KINGMAN	40.4	9.3
SCOTTSDALE	24.5	5.6
PRESCOTT	19.5	4.5
WILLIAMS	15.2	3.5
CHINO VALLEY	14.4	3.3
PRESCOTT VALLEY	11.7	2.7
PEORIA	11.3	2.6
TUCSON	11.1	2.6
BULLHEAD CITY	11.0	2.5
MESA	11.0	2.5
WADDELL	10.3	2.4
LAKE HAVASU CITY	10.2	2.4
FOUNTAIN HILLS	8.2	1.9
GLENDALE	6.3	1.5
LAVEEN	6.1	1.4
SUN CITY WEST	6.1	1.4
PAGE	5.8	1.3
SEDONA	5.3	1.2
YUMA	5.3	1.2
GOLDEN VALLEY	5.0	1.1
GILBERT	4.2	1.0
COTTONWOOD	4.2	1.0
All Others	62.4	14.3

Ethnicity (*n=495.2*)



LITTLE COLORADO (150200) – 2013 ANGLING SUMMARY

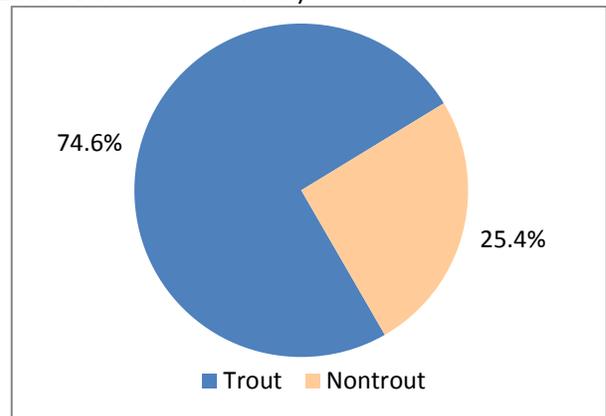
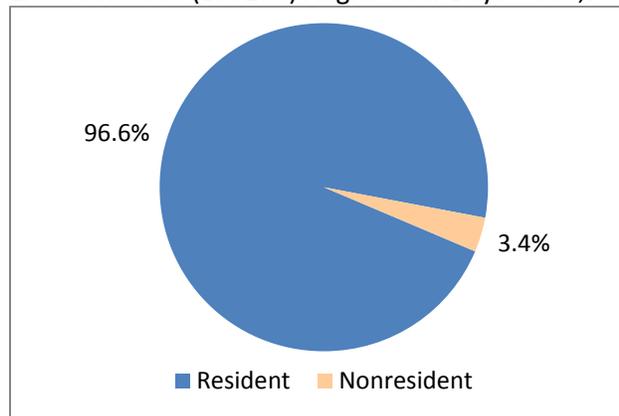
Little Colorado (150200) waters survey respondents fished:

Ashurst Lake	Greer Area Lakes - Bunch, River, Tunnel	Nelson Reservoir
Bear Canyon Lake	Hulsey Lake*	Nutriso Reservoir*
Becker Lake	Kinnikinick Lake	Pratt Lake*
Black Canyon Lake	Knoll Lake	Rainbow Lake
C.C. Cragin (Blue Ridge) Reservoir	Lake Mary (Lower)	Scotts Reservoir
Carnero Lake	Lake Mary (Upper)	Show Low Lake
Chevelon Lake	Lee Valley Lake	Silver Creek
Clear Creek Reservoir	Little Colorado River (Greer)	White Mountain Lake*
East Clear Creek	Little Colorado River (Sheep's Crossing)	Willow Springs Lake
Fool Hollow Lake	Long Lake	Woodland Reservoir
Francis Short Pond	Lyman Lake	Woods Canyon Lake

*Miscellaneous Water due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

Angler Activity:

Little Colorado (150200) Angler User Days = 939,769 (15.64% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	1,561.3	9.93	0.464	1	205	54.2	4.74	0.907	1	37	1,615.5	9.76	0.450	1	205
Fishing Trips	1,539.5	7.03	0.402	1	202	54.2	3.81	0.910	1	37	1,593.7	6.92	0.390	1	202
Days per Trip	1,539.5	1.89	0.058	1	58	54.2	1.62	0.144	1	7	1,593.7	1.88	0.056	1	58
Waters Fished [†]	1,561.3	1.67	0.025	1	8	54.2	1.31	0.085	1	4	1,615.5	1.66	0.025	1	8

[†]Waters Fished in Little Colorado (150200).

Economic Impacts:

State of Arizona Economic Values (15.64%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$87,418,669	DIRECT EXPENDITURES	\$149,738,499
Food, Restaurant	\$32,173,608	TOTAL MULTIPLIER EFFECT	\$230,222,146
Lodging	\$12,363,869	SALARIES AND WAGES	\$88,341,297
Transportation	\$26,588,437	FULL-TIME & PART-TIME JOBS	3,134
Other	\$16,292,755	STATE TAX REVENUES	\$9,685,543
TOTAL EQUIPMENT	\$62,319,830		
Fishing	\$21,827,522		
Auxiliary	\$40,492,308		

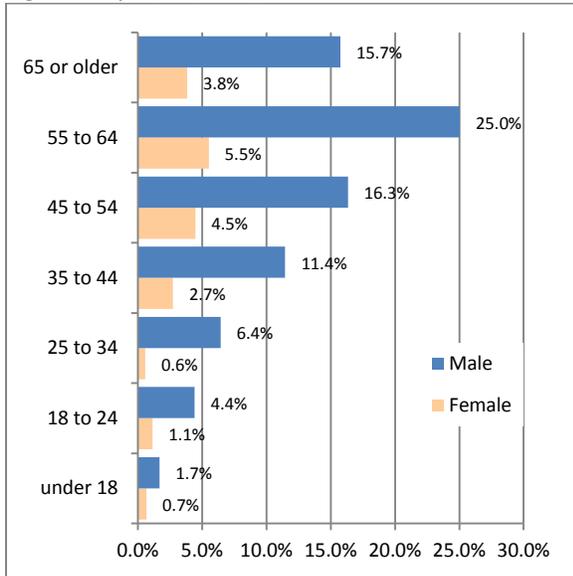
The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Little Colorado (150200) Angler Demographics:

Age/Gender	Male	Female	Total
n	1,310.0	305.5	1,615.5
%	81.1	18.9	100.0
Mean	51.2	51.0	51.2
Std. Error	0.414	0.822	0.370
Median	55	54	55

Household Income (<i>n=1,360.0</i>)	n	%
Under \$20,000	106.9	7.9
\$20,000 - \$39,999	194.1	14.3
\$40,000 - \$59,999	225.2	16.6
\$60,000 - \$79,999	278.3	20.5
\$80,000 - \$99,999	195.6	14.4
\$100,000 - \$119,999	153.7	11.3
\$120,000 or more	206.1	15.2

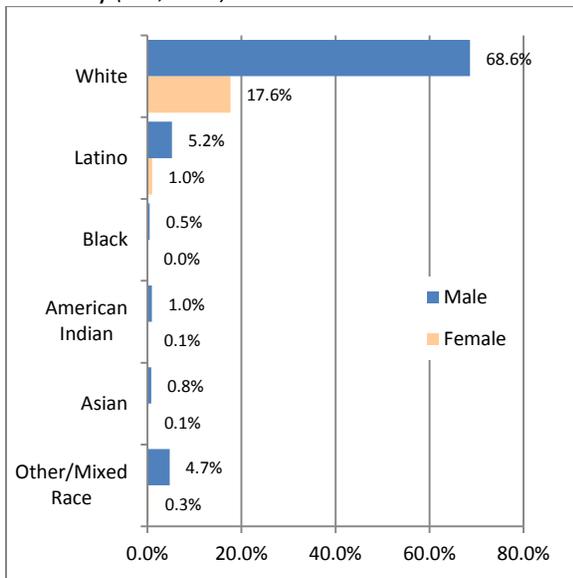
Age Groups (*n=1,615.5*)



State Residency (<i>n=1,615.5</i>)	n	%
AZ	1,560.7	96.6
MA	19.1	1.2
NM	10.8	0.7
All Others	24.9	1.5

Arizona City (<i>n=1,560.7</i>)	n	%
PHOENIX	245.3	15.7
MESA	144.3	9.2
TUCSON	136.8	8.8
FLAGSTAFF	107.7	6.9
SCOTTSDALE	92.4	5.9
GLENDALE	90.8	5.8
GILBERT	56.0	3.6
CHANDLER	54.5	3.5
SHOW LOW	50.5	3.2
WADDELL	49.9	3.2
PAYSON	36.6	2.3
TEMPE	30.6	2.0
PRESCOTT	21.2	1.4
FOUNTAIN HILLS	20.3	1.3
CASA GRANDE	20.1	1.3
COTTONWOOD	15.2	1.0
LAKESIDE	14.6	0.9
WINSLOW	13.9	0.9
PINETOP	13.6	0.9
PRESCOTT VALLEY	11.8	0.8
SPRINGERVILLE	11.4	0.7
YUMA	11.2	0.7
SAN TAN VALLEY	11.1	0.7
SNOWFLAKE	8.6	0.6
SURPRISE	8.6	0.6
All Others	283.2	18.1

Ethnicity (*n=1,579.1*)



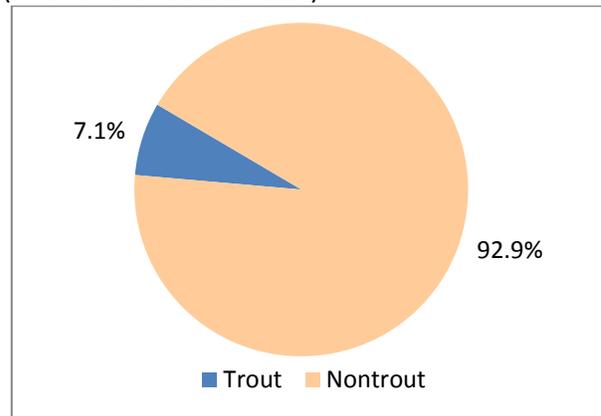
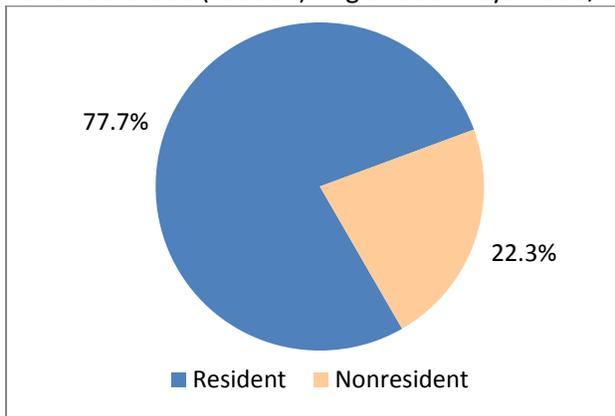
LOWER COLORADO (150301) – 2013 ANGLING SUMMARY

Lower Colorado (150301) waters survey respondents fished:

Colorado River - Ehrenberg/Blythe to Yuma	Lake Havasu	Yuma Area Canals
Colorado River - Parker Strip Area	Lake Mohave	Yuma West Wetlands Pond
Colorado River - Topock Area	Martinez Lake	
Council Park Pond (Somerton)	Mittry Lake	

Angler Activity:

Lower Colorado (150301) Angler User Days = 896,785 (14.92% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	492.3	26.79	1.758	1	300	141.0	11.70	1.767	1	190	633.2	23.43	1.443	1	300
Fishing Trips	475.2	21.89	1.652	1	300	140.7	7.40	1.355	1	190	615.9	18.58	1.334	1	300
Days per Trip	475.2	1.76	0.081	1	24	140.7	3.45	0.672	1	150	615.9	2.14	0.168	1	150
Waters Fished*	492.3	1.44	0.033	1	5	141.0	1.21	0.041	1	4	633.2	1.39	0.027	1	5

*Waters Fished in Lower Colorado (150301).

Economic Impacts:

State of Arizona Economic Values (14.92%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$83,394,280	DIRECT EXPENDITURES	\$142,845,166
Food, Restaurant	\$30,692,470	TOTAL MULTIPLIER EFFECT	\$219,623,684
Lodging	\$11,794,688	SALARIES AND WAGES	\$84,274,434
Transportation	\$25,364,417	FULL-TIME & PART-TIME JOBS	2,990
Other	\$15,542,705	STATE TAX REVENUES	\$9,239,661
TOTAL EQUIPMENT	\$59,450,886		
Fishing	\$20,822,674		
Auxiliary	\$38,628,212		

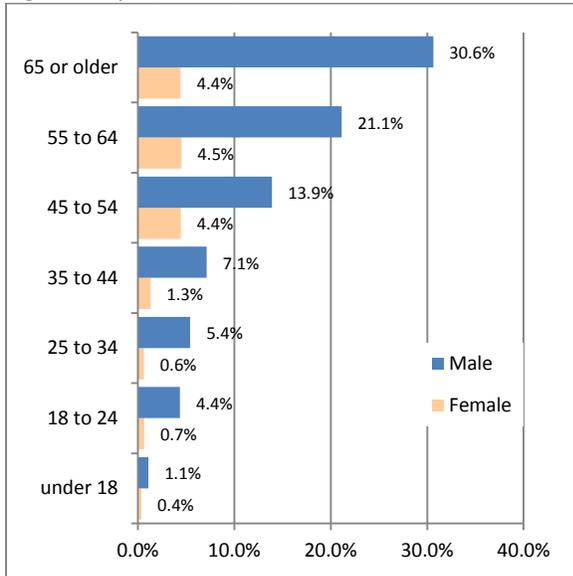
The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Lower Colorado (150301) Angler Demographics:

Age/Gender	Male	Female	Total
n	529.5	103.7	633.2
%	83.6	16.4	100.0
Mean	55.6	54.3	55.4
Std. Error	0.681	1.360	0.611
Median	59	56	59

Household Income (<i>n=554.5</i>)	n	%
Under \$20,000	62.9	11.3
\$20,000 - \$39,999	104.7	18.9
\$40,000 - \$59,999	116.7	21.1
\$60,000 - \$79,999	99.4	17.9
\$80,000 - \$99,999	63.0	11.4
\$100,000 - \$119,999	44.1	7.9
\$120,000 or more	63.7	11.5

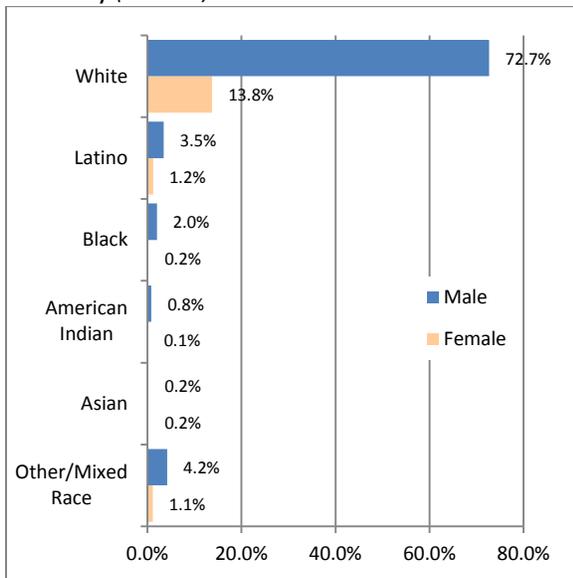
Age Groups (*n=633.2*)



State Residency (<i>n=633.2</i>)	n	%
AZ	494.8	78.1
CA	28.1	4.4
MN	14.8	2.3
NV	10.7	1.7
WA	8.6	1.4
CO	8.5	1.3
All Others	67.7	10.7

Arizona City (<i>n=494.8</i>)	n	%
YUMA	117.2	23.7
LAKE HAVASU CITY	79.8	16.1
BULLHEAD CITY	45.4	9.2
GLENDALE	26.8	5.4
KINGMAN	25.9	5.2
PHOENIX	21.7	4.4
TUCSON	18.4	3.7
GILBERT	14.3	2.9
PRESCOTT	10.6	2.1
PARKER	10.5	2.1
MOHAVE VALLEY	10.4	2.1
GOLDEN VALLEY	9.4	1.9
FLAGSTAFF	8.0	1.6
FORT MOHAVE	6.4	1.3
BUCKEYE	6.1	1.2
WADDELL	6.1	1.2
WICKENBURG	6.1	1.2
COTTONWOOD	4.1	0.8
PRESCOTT VALLEY	4.1	0.8
WELLTON	4.1	0.8
FT MOHAVE	3.5	0.7
MEADVIEW	3.5	0.7
All Others	52.5	10.6

Ethnicity (*n=618.0*)

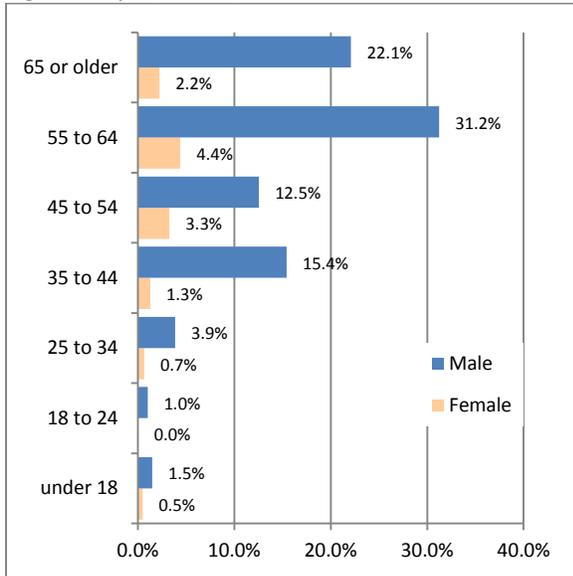


Bill Williams (150302) Angler Demographics:

Age/Gender	Male	Female	Total
n	236.3	33.3	269.5
%	87.7	12.3	100.0
Mean	54.4	54.4	54.4
Std. Error	0.865	2.263	0.806
Median	57	55	57

Household Income (n=224.1)	n	%
Under \$20,000	11.2	5.0
\$20,000 - \$39,999	24.3	10.8
\$40,000 - \$59,999	55.4	24.7
\$60,000 - \$79,999	60.1	26.8
\$80,000 - \$99,999	36.5	16.3
\$100,000 - \$119,999	18.6	8.3
\$120,000 or more	18.0	8.0

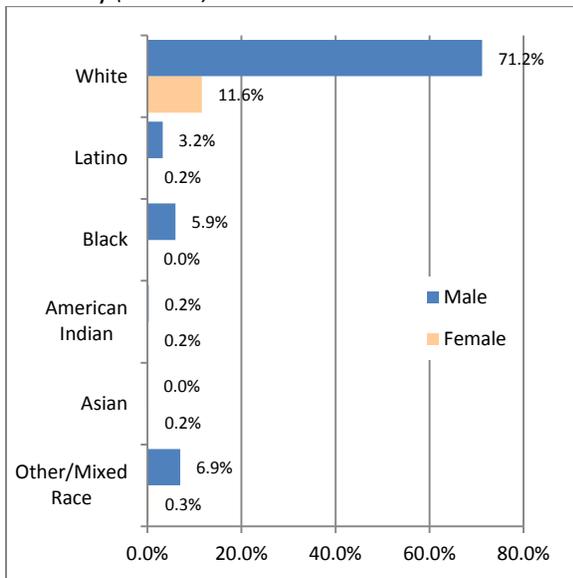
Age Groups (n=269.5)



State Residency (n=269.5)	n	%
AZ	247.6	91.9
ID	7.0	2.6
CA	5.4	2.0
SC	1.5	0.5
NM	1.4	0.5
All Others	6.7	2.5

Arizona City (n=247.6)	n	%
PHOENIX	64.7	26.1
WADDELL	20.5	8.3
GLENDALE	20.3	8.2
PRESCOTT	10.7	4.3
PEORIA	9.2	3.7
CHANDLER	8.2	3.3
YUMA	8.0	3.2
KINGMAN	7.9	3.2
PRESCOTT VALLEY	7.2	2.9
WICKENBURG	6.8	2.7
GILBERT	6.1	2.5
SCOTTSDALE	6.1	2.5
SUN CITY WEST	6.1	2.5
TEMPE	6.1	2.5
TUCSON	5.7	2.3
CHINO VALLEY	4.5	1.8
MARANA	3.4	1.4
PARKER	2.3	0.9
DEWEY	2.2	0.9
WITTMANN	2.1	0.9
MOHAVE VALLEY	2.0	0.8
PAULDEN	2.0	0.8
LAKE HAVASU CITY	2.0	0.8
All Others	33.5	13.5

Ethnicity (n=266.7)



UPPER GILA (150400) – 2013 ANGLING SUMMARY

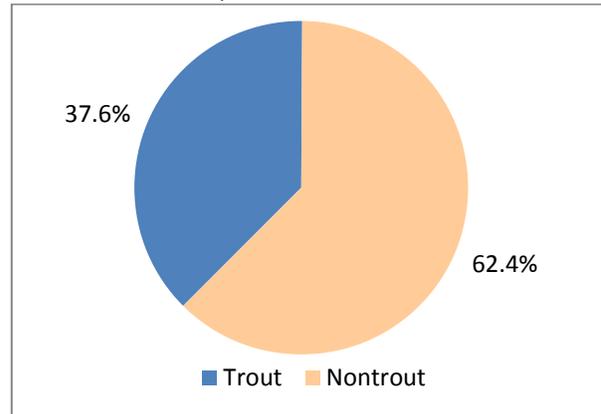
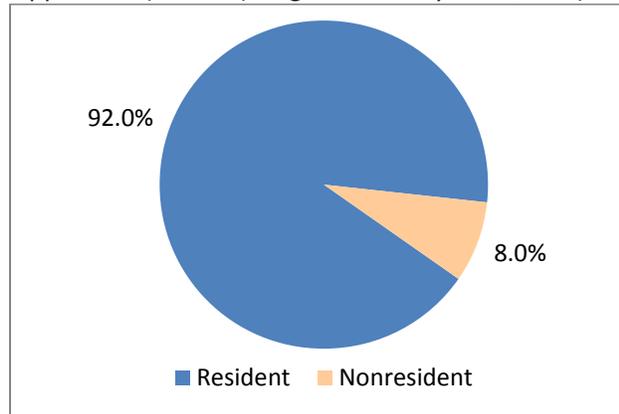
Upper Gila (150400) waters survey respondents fished:

Cluff Ranch Ponds	Frye Mesa Reservoir	Roper Lake
Dankworth Pond*	Gila River - Safford Area	San Francisco River
Eagle Creek	Luna Lake	

*Miscellaneous Water due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

Angler Activity:

Upper Gila (150400) Angler User Days = 90,297 (1.50% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	145.4	10.00	1.201	1	130	12.6	4.44	1.521	1	20	158.0	9.55	1.118	1	130
Fishing Trips	141.9	9.36	1.221	1	130	12.6	3.66	1.532	1	20	154.5	8.89	1.134	1	130
Days per Trip	141.9	1.38	0.099	1	16	12.6	1.52	0.197	1	3	154.5	1.39	0.092	1	16
Waters Fished*	145.4	1.37	0.063	1	5	12.6	1.16	0.160	1	3	158.0	1.36	0.060	1	5

*Waters Fished in Upper Gila (150400).

Economic Impacts:

State of Arizona Economic Values (1.50%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$8,384,143	DIRECT EXPENDITURES	\$14,361,109
Food, Restaurant	\$3,085,704	TOTAL MULTIPLIER EFFECT	\$22,080,129
Lodging	\$1,185,793	SALARIES AND WAGES	\$8,472,631
Transportation	\$2,550,042	FULL-TIME & PART-TIME JOBS	301
Other	\$1,562,604	STATE TAX REVENUES	\$928,920
TOTAL EQUIPMENT	\$5,976,966		
Fishing	\$2,093,432		
Auxiliary	\$3,883,533		

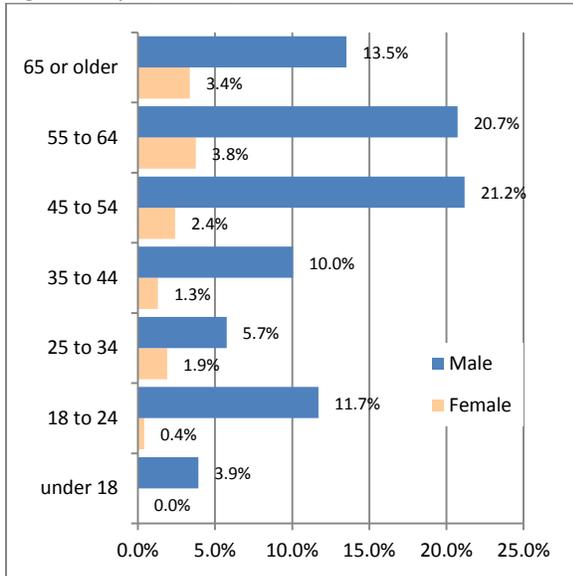
The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Upper Gila (150400) Angler Demographics:

Age/Gender	Male	Female	Total
n	137.2	20.8	158.0
%	86.8	13.2	100.0
Mean	47.0	52.5	47.8
Std. Error	1.444	3.294	1.331
Median	52	57	52

Household Income (<i>n=129.4</i>)	n	%
Under \$20,000	13.6	10.5
\$20,000 - \$39,999	19.0	14.7
\$40,000 - \$59,999	26.7	20.6
\$60,000 - \$79,999	32.4	25.0
\$80,000 - \$99,999	20.3	15.6
\$100,000 - \$119,999	5.9	4.6
\$120,000 or more	11.5	8.9

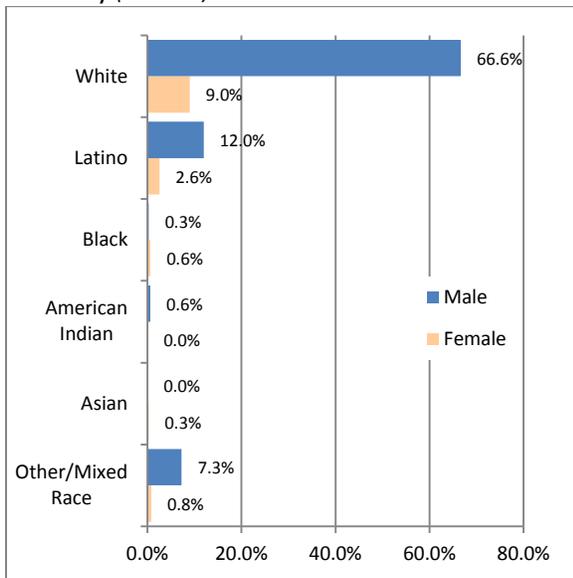
Age Groups (*n=158.0*)



State Residency (<i>n=158.0</i>)	n	%
AZ	145.6	92.1
MA	5.4	3.4
NM	2.1	1.4
ID	1.5	0.9
MO	1.4	0.9
All Others	2.0	1.3

Arizona City (<i>n=145.6</i>)	n	%
SAFFORD	25.3	17.4
PHOENIX	18.8	12.9
TUCSON	17.3	11.9
THATCHER	12.9	8.8
CLIFTON	9.5	6.5
SIERRA VISTA	9.0	6.2
MORENCI	5.3	3.7
DUNCAN	4.5	3.1
YUMA	3.6	2.5
PIMA	3.4	2.4
HEREFORD	2.7	1.9
SAHUARITA	2.5	1.7
ALPINE	2.1	1.5
AVONDALE	2.1	1.4
MESA	2.1	1.4
CLAY SPRINGS	1.8	1.2
BISBEE	1.7	1.2
BENSON	1.7	1.1
PAYSON	1.5	1.0
SHOW LOW	1.4	0.9
WILLCOX	1.4	0.9
CASA GRANDE	1.3	0.9
All Others	13.8	9.5

Ethnicity (*n=157.1*)



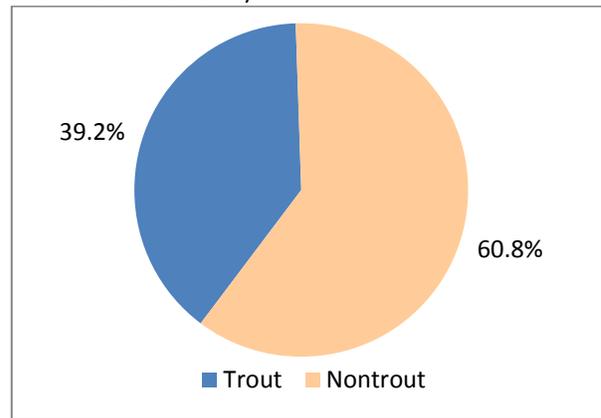
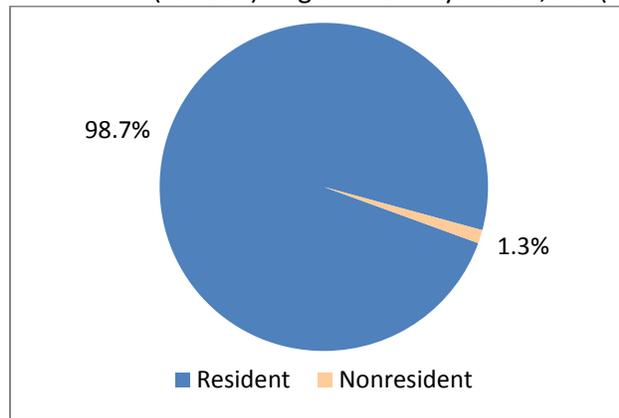
MIDDLE GILA (150501) – 2013 ANGLING SUMMARY

Middle Gila (150501) waters survey respondents fished:

ASU Research Park	Red Mountain Lake	Water Ranch Lake
Desert Breeze Lake	Veterans Oasis Lake	

Angler Activity:

Middle Gila (150501) Angler User Days = 361,319 (6.01% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	183.1	33.08	4.416	1	250	2.3	3.40	0.993	2	6	185.5	32.71	4.367	1	250
Fishing Trips	183.1	33.05	4.417	1	250	2.3	3.40	0.993	2	6	185.5	32.68	4.368	1	250
Days per Trip	183.1	1.02	0.012	1	4	2.3	1.00	0.000	1	1	185.5	1.02	0.012	1	4
Waters Fished*	183.1	1.11	0.023	1	2	2.3	1.13	0.295	1	2	185.5	1.11	0.023	1	2

*Waters Fished in Middle Gila (150501).

Economic Impacts:

State of Arizona Economic Values (6.01%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$33,592,468	DIRECT EXPENDITURES	\$57,540,178
Food, Restaurant	\$12,363,388	TOTAL MULTIPLIER EFFECT	\$88,467,717
Lodging	\$4,751,077	SALARIES AND WAGES	\$33,947,007
Transportation	\$10,217,168	FULL-TIME & PART-TIME JOBS	1,204
Other	\$6,260,835	STATE TAX REVENUES	\$3,721,874
TOTAL EQUIPMENT	\$23,947,709		
Fishing	\$8,387,686		
Auxiliary	\$15,560,024		

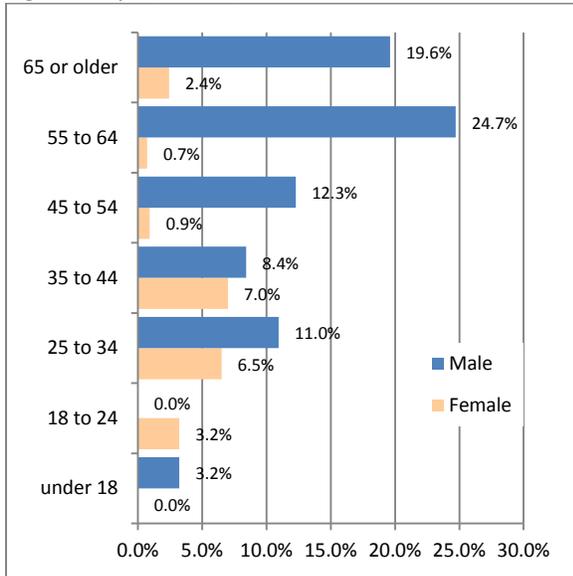
The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Middle Gila (150501) Angler Demographics:

Age/Gender	Male	Female	Total
n	146.9	38.6	185.5
%	79.2	20.8	100.0
Mean	51.5	37.6	48.6
Std. Error	1.208	2.302	1.145
Median	56	38	49

Household Income (<i>n=147.9</i>)	n	%
Under \$20,000	10.4	7.1
\$20,000 - \$39,999	42.0	28.4
\$40,000 - \$59,999	20.9	14.1
\$60,000 - \$79,999	30.0	20.3
\$80,000 - \$99,999	23.7	16.0
\$100,000 - \$119,999	2.6	1.7
\$120,000 or more	18.3	12.4

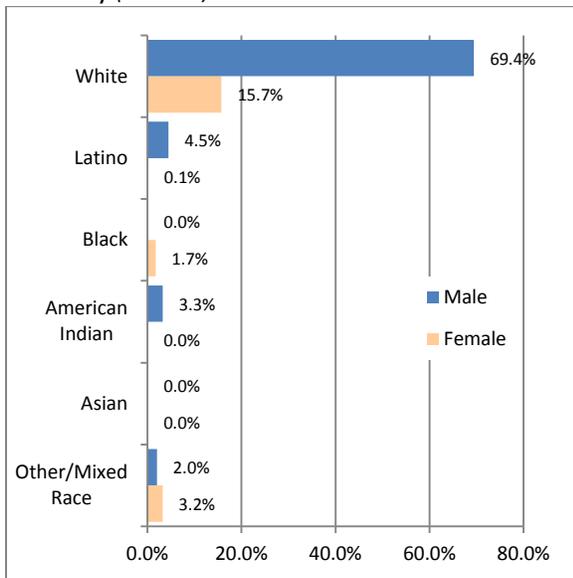
Age Groups (*n=185.5*)



State Residency (<i>n=185.5</i>)	n	%
AZ	180.3	97.2
CO	1.1	0.6
IL	1.0	0.5
All Others	3.1	1.7

Arizona City (<i>n=180.3</i>)	n	%
MESA	87.3	48.4
CHANDLER	47.1	26.1
GILBERT	17.9	9.9
PHOENIX	6.0	3.3
SAN TAN VALLEY	4.8	2.7
APACHE JUNCTION	2.6	1.4
QUEEN CREEK	2.6	1.4
COOLIDGE	2.3	1.3
SAHUARITA	1.7	1.0
FLORENCE	1.6	0.9
GOLD CANYON	1.3	0.7
CASA GRANDE	1.3	0.7
MARICOPA	1.0	0.6
ELOY	0.6	0.4
SUPERIOR	0.6	0.4
TUCSON	0.6	0.3
PRESCOTT	0.4	0.2
ARIZONA CITY	0.4	0.2
PRESCOTT VALLEY	0.2	0.1

Ethnicity (*n=185.5*)

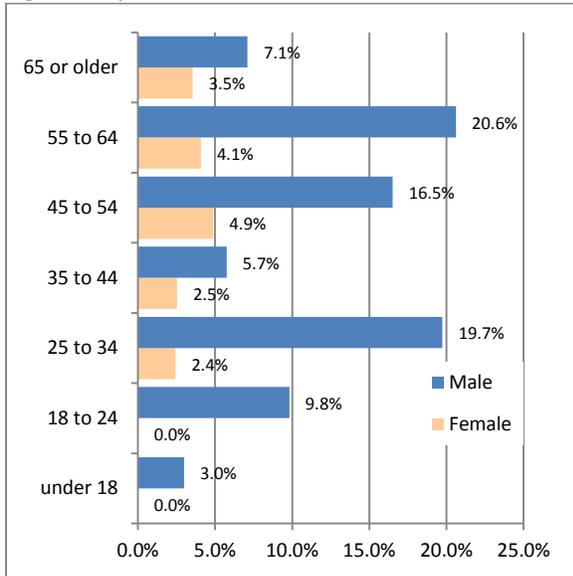


San Pedro-Willcox (150502) Angler Demographics:

Age/Gender	Male	Female	Total
n	27.9	5.9	33.8
%	82.5	17.5	100.0
Mean	44.1	51.5	45.4
Std. Error	3.162	5.905	2.814
Median	46	52	49

Household Income (n=30.8)	n	%
Under \$20,000	2.1	6.9
\$20,000 - \$39,999	6.6	21.5
\$40,000 - \$59,999	4.1	13.2
\$60,000 - \$79,999	8.6	27.8
\$80,000 - \$99,999	3.4	11.0
\$100,000 - \$119,999	2.6	8.3
\$120,000 or more	3.5	11.3

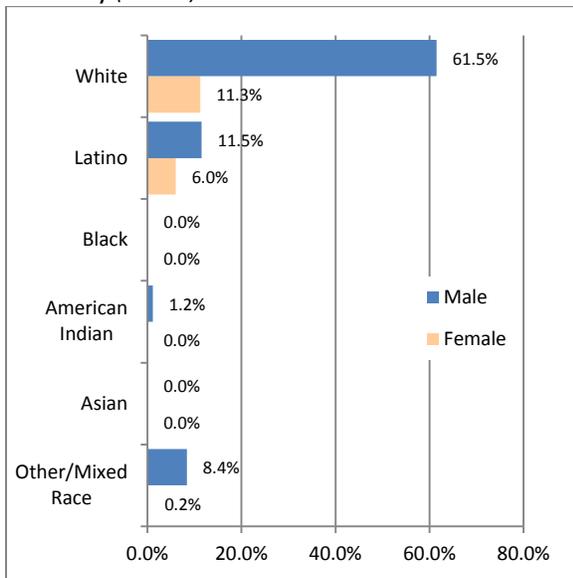
Age Groups (n=33.8)



State Residency (n=33.8)	n	%
AZ	32.8	97.0
MA	1.0	3.0

Arizona City (n=32.8)	n	%
SAFFORD	10.1	30.8
THATCHER	5.8	17.8
TUCSON	2.8	8.7
SIERRA VISTA	2.1	6.4
WILLCOX	1.5	4.6
MORENCI	1.3	4.1
HUACHUCA CITY	1.1	3.3
CLIFTON	1.0	3.2
PIMA	1.0	3.0
VAIL	0.8	2.4
BENSON	0.7	2.3
HEREFORD	0.6	1.8
CORONA DE TUCSON	0.6	1.7
PRESCOTT	0.4	1.3
CENTRAL	0.4	1.3
SOLOMON	0.4	1.3
SAINT DAVID	0.3	0.9
COOLIDGE	0.3	0.9
SAN TAN VALLEY	0.3	0.9
SHOW LOW	0.3	0.8
PAYSON	0.3	0.8
COCHISE	0.2	0.6
ST DAVID	0.2	0.6
ALPINE	0.2	0.5

Ethnicity (n=33.8)



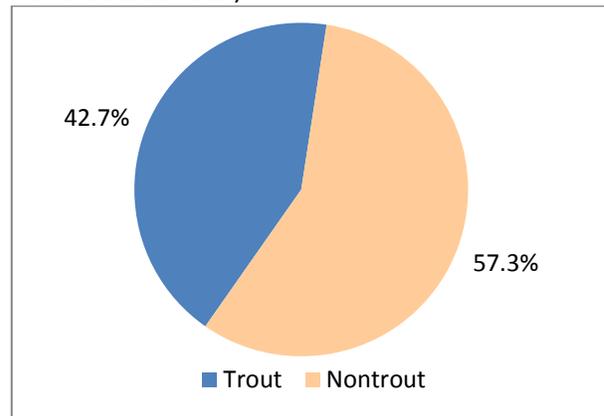
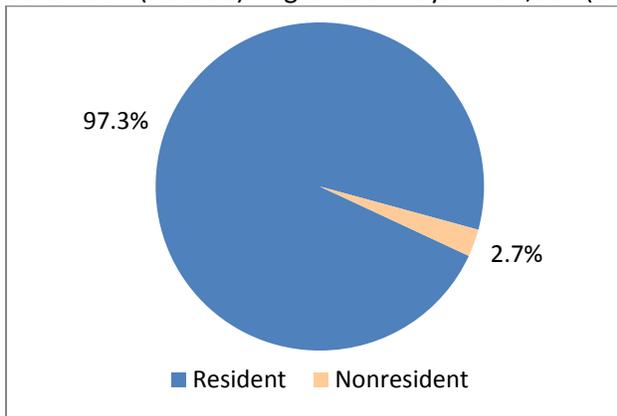
SANTA CRUZ (150503) – 2013 ANGLING SUMMARY

Santa Cruz (150503) waters survey respondents fished:

Arivaca Lake	Parker Canyon Lake	Rose Canyon Lake
Kennedy Lake	Patagonia Lake	Sahuarita Lake
Lakeside Lake	Pena Blanca Lake	Silverbell Lake

Angler Activity:

Santa Cruz (150503) Angler User Days = 481,682 (8.02% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	580.8	13.68	1.077	1	259	16.3	7.38	5.958	1	125	597.2	13.51	1.060	1	259
Fishing Trips	571.4	11.69	1.052	1	259	16.3	2.88	1.412	1	30	587.7	11.44	1.026	1	259
Days per Trip	571.4	1.53	0.047	1	15	16.3	2.01	0.483	1	7	587.7	1.55	0.048	1	15
Waters Fished*	580.8	1.56	0.033	1	6	16.3	1.12	0.084	1	2	597.2	1.55	0.033	1	6

*Waters Fished in Santa Cruz (150503).

Economic Impacts:

State of Arizona Economic Values (8.02%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$44,827,220	DIRECT EXPENDITURES	\$76,784,064
Food, Restaurant	\$16,498,231	TOTAL MULTIPLIER EFFECT	\$118,055,090
Lodging	\$6,340,040	SALARIES AND WAGES	\$45,300,333
Transportation	\$13,634,224	FULL-TIME & PART-TIME JOBS	1,607
Other	\$8,354,725	STATE TAX REVENUES	\$4,966,628
TOTAL EQUIPMENT	\$31,956,844		
Fishing	\$11,192,885		
Auxiliary	\$20,763,958		

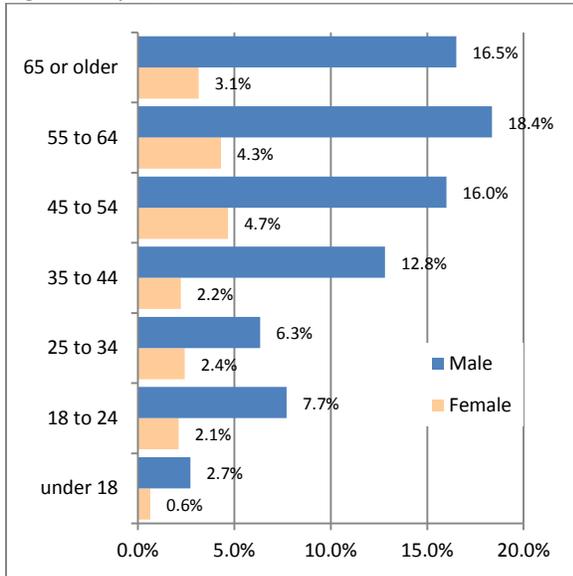
The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Santa Cruz (150503) Angler Demographics:

Age/Gender	Male	Female	Total
n	480.5	116.7	597.2
%	80.5	19.5	100.0
Mean	48.9	47.0	48.5
Std. Error	0.763	1.485	0.679
Median	51	51	51

Household Income (n=487.4)	n	%
Under \$20,000	45.2	9.3
\$20,000 - \$39,999	94.7	19.4
\$40,000 - \$59,999	87.6	18.0
\$60,000 - \$79,999	100.4	20.6
\$80,000 - \$99,999	68.0	14.0
\$100,000 - \$119,999	40.3	8.3
\$120,000 or more	51.2	10.5

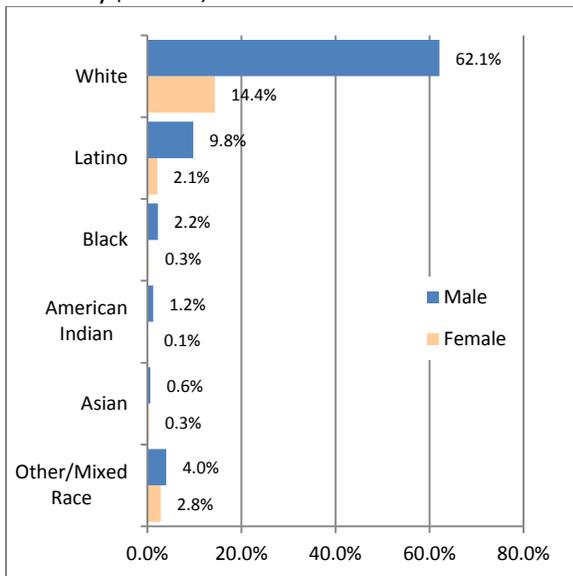
Age Groups (n=597.2)



State Residency (n=597.2)	n	%
AZ	575.9	96.4
TX	3.0	0.5
MN	2.4	0.4
CA	2.2	0.4
All Others	13.6	2.3

Arizona City (n=575.9)	n	%
TUCSON	368.4	64.0
SIERRA VISTA	47.8	8.3
VAIL	25.9	4.5
MARANA	11.8	2.1
SAHUARITA	11.4	2.0
HUACHUCA CITY	11.4	2.0
HEREFORD	11.3	2.0
PHOENIX	8.2	1.4
GREEN VALLEY	7.3	1.3
RIO RICO	6.3	1.1
BENSON	6.3	1.1
GLENDALE	6.1	1.1
NOGALES	4.3	0.8
CASA GRANDE	3.6	0.6
BISBEE	3.5	0.6
TOMBSTONE	2.6	0.5
GILBERT	2.1	0.4
MESA	2.1	0.4
AMADO	2.1	0.4
FORT HUACHUCA	2.0	0.4
All Others	31.4	5.5

Ethnicity (n=581.2)



SALT (150601) – 2013 ANGLING SUMMARY

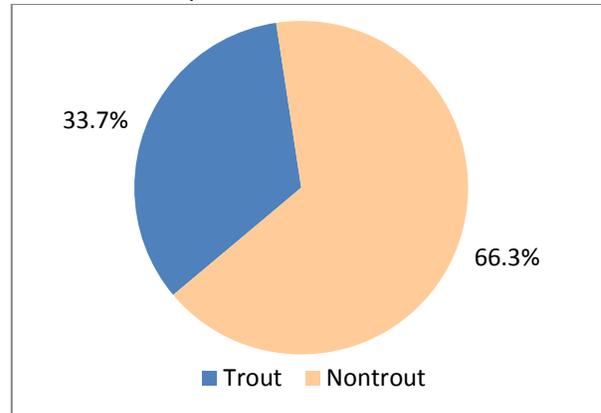
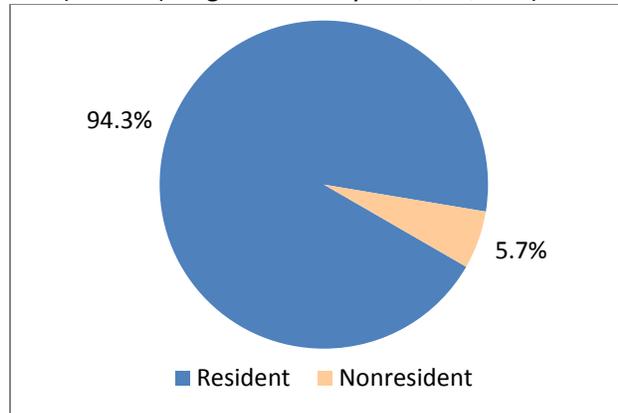
Salt (150601) waters survey respondents fished:

Ackre Lake*	Christopher Creek	Saguaro Lake
Alvord Lake	Cortez Lake	Salt River (Above Roosevelt)
Apache Lake	Crescent Lake	Salt River (Below Saguaro)
Big Lake	Encanto Lake	Steele Indian School Pond
Black River, East Fork	Evelyn Hallman Pond	Tempe Town Lake
Black River, West Fork	Haigler Creek	Tonto Creek (Salt River Drainage)
Canyon Creek	Kiwanis Lake	Workman Creek*
Canyon Lake	Phoenix Area Canals	
Chaparral Lake	Roosevelt Lake	

*Miscellaneous Water due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

Angler Activity:

Salt (150601) Angler User Days = 1,626,291 (27.06% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	2,362.9	11.00	0.345	1	184	142.7	7.85	1.548	1	196	2,505.6	10.82	0.338	1	196
Fishing Trips	2,339.5	8.30	0.312	1	181	142.7	6.09	1.510	1	196	2,482.2	8.17	0.307	1	196
Days per Trip	2,339.5	1.74	0.034	1	46	142.7	1.99	0.218	1	30	2,482.2	1.76	0.034	1	46
Waters Fished†	2,362.9	1.62	0.018	1	7	142.7	1.31	0.056	1	5	2,505.6	1.60	0.018	1	7

†Waters Fished in Salt (150601).

Economic Impacts:

State of Arizona Economic Values (27.06%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$151,249,948	DIRECT EXPENDITURES	\$259,074,410
Food, Restaurant	\$55,666,102	TOTAL MULTIPLIER EFFECT	\$398,325,529
Lodging	\$21,391,707	SALARIES AND WAGES	\$152,846,260
Transportation	\$46,002,757	FULL-TIME & PART-TIME JOBS	5,422
Other	\$28,189,382	STATE TAX REVENUES	\$16,757,724
TOTAL EQUIPMENT	\$107,824,462		
Fishing	\$37,765,520		
Auxiliary	\$70,058,942		

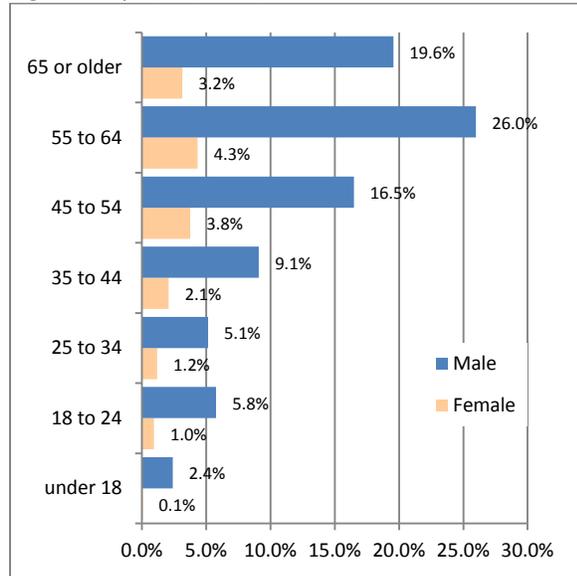
The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Salt (150601) Angler Demographics:

Age/Gender	Male	Female	Total
n	2,115.8	389.8	2,505.6
%	84.4	15.6	100.0
Mean	52.1	51.4	52.0
Std. Error	0.343	0.707	0.310
Median	56	54	55

Household Income (<i>n=2,108.5</i>)	n	%
Under \$20,000	169.9	8.1
\$20,000 - \$39,999	300.4	14.2
\$40,000 - \$59,999	367.0	17.4
\$60,000 - \$79,999	418.0	19.8
\$80,000 - \$99,999	288.6	13.7
\$100,000 - \$119,999	203.8	9.7
\$120,000 or more	360.7	17.1

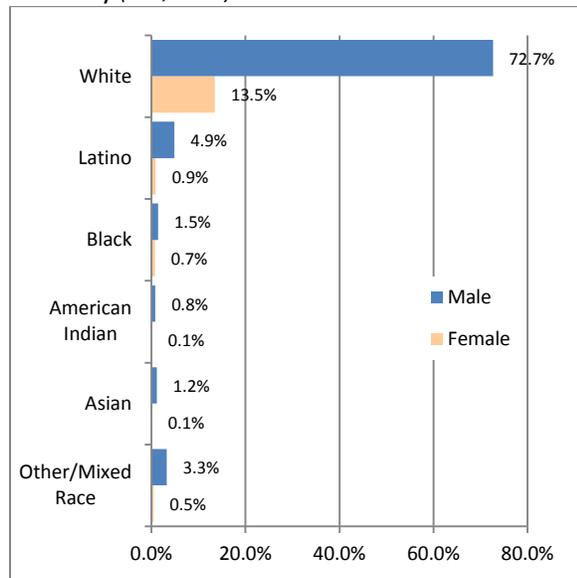
Age Groups (*n=2,505.6*)



State Residency (<i>n=2,505.6</i>)	n	%
AZ	2,351.4	93.8
MA	23.1	0.9
NM	16.8	0.7
MN	11.6	0.5
All Others	102.6	4.1

Arizona City (<i>n=2,351.4</i>)	n	%
PHOENIX	411.9	17.5
MESA	304.7	13.0
TUCSON	245.5	10.4
SCOTTSDALE	134.5	5.7
GILBERT	113.5	4.8
CHANDLER	109.4	4.7
GLENDALE	101.0	4.3
TEMPE	56.9	2.4
SHOW LOW	41.7	1.8
PAYSON	38.8	1.7
CASA GRANDE	38.2	1.6
QUEEN CREEK	37.4	1.6
WADDELL	35.5	1.5
FLAGSTAFF	34.5	1.5
FOUNTAIN HILLS	30.4	1.3
SAN TAN VALLEY	26.0	1.1
GLOBE	22.0	0.9
SAFFORD	19.6	0.8
PRESCOTT	18.1	0.8
FLORENCE	17.3	0.7
GOLD CANYON	17.2	0.7
PINETOP	16.2	0.7
EAGAR	16.1	0.7
LAKESIDE	15.7	0.7
All Others	449.1	19.1

Ethnicity (*n=2,455.1*)



VERDE (150602) – 2013 ANGLING SUMMARY

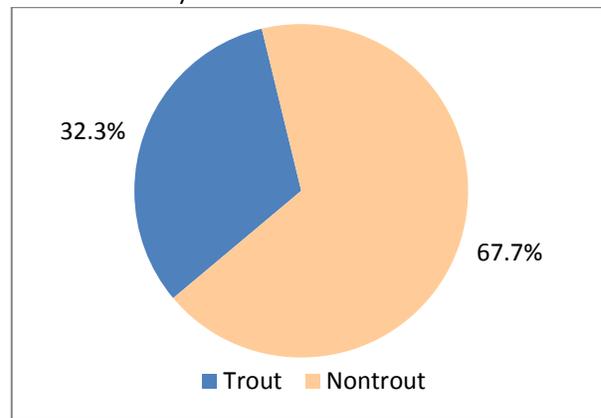
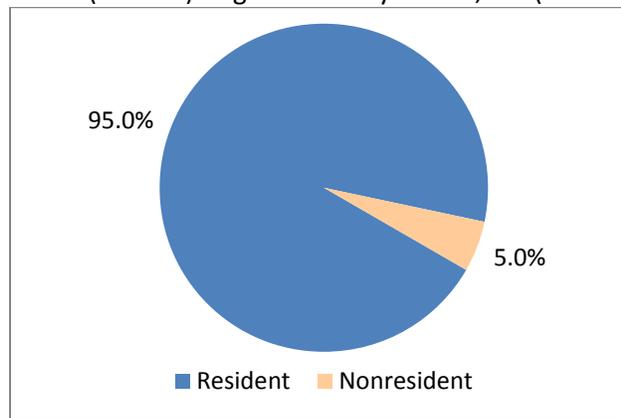
Verde (150602) waters survey respondents fished:

Bartlett Lake	Huffer Tank*	Verde River (Sullivan Lk to Perkinsville)
Dead Horse Lake	JD Dam	Verde River (Sycamore Ck to Childs)
Dude Creek*	Mingus Lake	Watson Lake
East Verde River	Oak Creek	West Clear Creek*
Elk Tank*	Perkins Tank	Wet Beaver Creek
Goldwater Lake	Scholze Lake*	Whitehorse Lake
Granite Basin Lake	Verde River (Bartlett Dam to Fort	
Green Valley Lake	McDowell Indian Reservation)	

*Miscellaneous Water due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

Angler Activity:

Verde (150602) Angler User Days = 595,132 (9.90% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	1,014.5	9.61	0.611	1	280	53.4	4.08	0.687	1	20	1,067.9	9.33	0.583	1	280
Fishing Trips	1,003.3	8.11	0.601	1	280	53.4	3.46	0.634	1	20	1,056.8	7.87	0.572	1	280
Days per Trip	1,003.3	1.55	0.046	1	25	53.4	1.38	0.163	1	10	1,056.8	1.54	0.044	1	25
Waters Fished [†]	1,014.5	1.23	0.017	1	6	53.4	1.16	0.051	1	2	1,067.9	1.23	0.016	1	6

[†]Waters Fished in Verde (150602).

Economic Impacts:

State of Arizona Economic Values (9.90%)

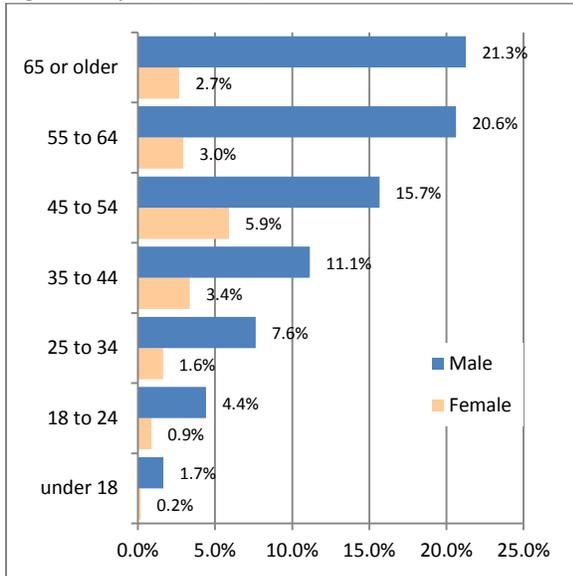
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$55,335,347	DIRECT EXPENDITURES	\$94,783,321
Food, Restaurant	\$20,365,647	TOTAL MULTIPLIER EFFECT	\$145,728,852
Lodging	\$7,826,234	SALARIES AND WAGES	\$55,919,363
Transportation	\$16,830,277	FULL-TIME & PART-TIME JOBS	1,984
Other	\$10,313,189	STATE TAX REVENUES	\$6,130,875
TOTAL EQUIPMENT	\$39,447,974		
Fishing	\$13,816,654		
Auxiliary	\$25,631,320		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

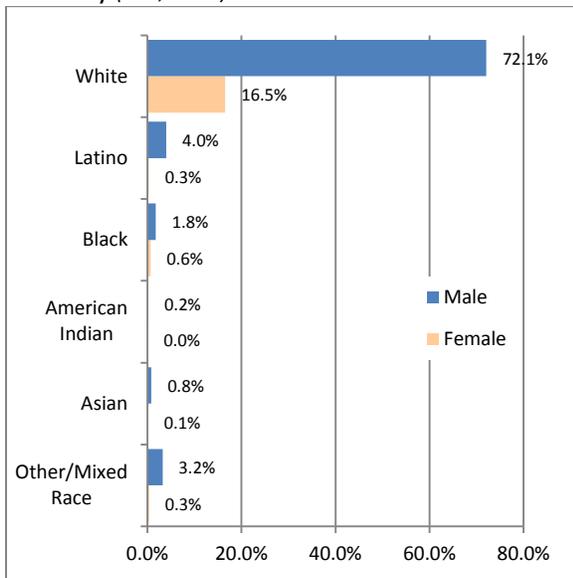
Verde (150602) Angler Demographics:

Age/Gender	Male	Female	Total
n	879.7	188.2	1,067.9
%	82.4	17.6	100.0
Mean	51.7	48.2	51.1
Std. Error	0.522	0.966	0.464
Median	55	49	53

Age Groups (n=1,067.9)



Ethnicity (n=1,041.6)



Household Income (n=902.1)	n	%
Under \$20,000	91.7	10.2
\$20,000 - \$39,999	147.7	16.4
\$40,000 - \$59,999	160.1	17.7
\$60,000 - \$79,999	178.6	19.8
\$80,000 - \$99,999	148.5	16.5
\$100,000 - \$119,999	60.8	6.7
\$120,000 or more	114.7	12.7

State Residency (n=1,067.9)	n	%
AZ	1,011.9	94.8
MA	8.2	0.8
PA	6.7	0.6
CA	6.3	0.6
All Others	34.8	3.3

Arizona City (n=1,011.9)	n	%
PHOENIX	247.2	24.4
SCOTTSDALE	115.6	11.4
GLENDALE	92.9	9.2
MESA	47.0	4.6
PRESCOTT	46.5	4.6
FLAGSTAFF	44.6	4.4
COTTONWOOD	33.5	3.3
PRESCOTT VALLEY	32.1	3.2
CHANDLER	31.1	3.1
WADDELL	27.9	2.8
TUCSON	25.2	2.5
PAYSON	20.9	2.1
GILBERT	14.7	1.5
CHINO VALLEY	14.7	1.5
QUEEN CREEK	14.3	1.4
PEORIA	12.2	1.2
NEW RIVER	12.1	1.2
SEDONA	9.2	0.9
TEMPE	8.6	0.9
CAMP VERDE	8.3	0.8
PAULDEN	8.1	0.8
KINGMAN	7.7	0.8
CASA GRANDE	7.1	0.7
WICKENBURG	6.8	0.7
PINE	6.6	0.7
All Others	117.0	11.6

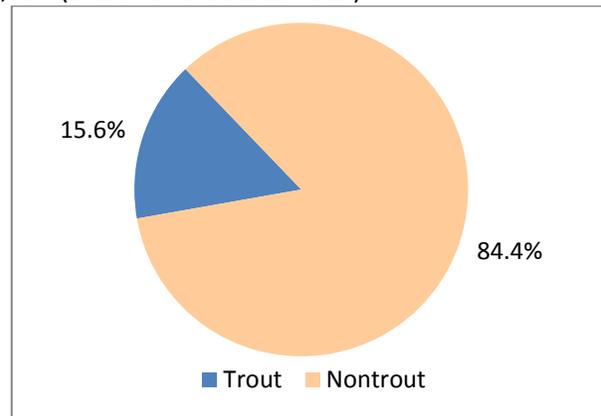
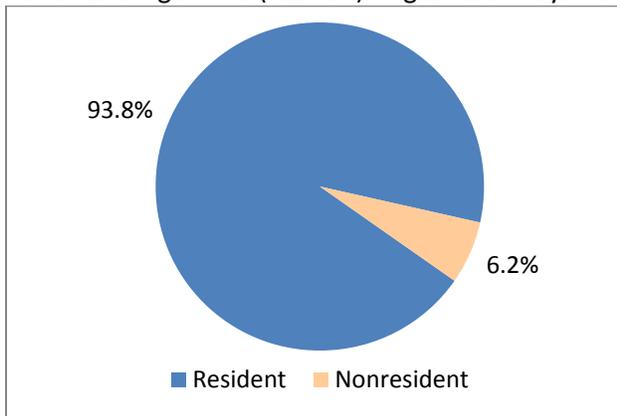
LOWER GILA-AGUA FRIA (150701) – 2013 ANGLING SUMMARY

Lower Gila-Agua Fria (150701) waters survey respondents fished:

Crystal Gardens Water Treatment Fac.	Lake Pleasant	Surprise Lake
Fain Lake	Lynx Lake	
Gila River - Phoenix Area	Rio Vista Pond	

Angler Activity:

Lower Gila-Agua Fria (150701) Angler User Days = 516,357 (8.59% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	928.9	8.98	0.436	1	200	61.4	4.57	1.300	1	62	990.3	8.71	0.418	1	200
Fishing Trips	913.1	7.74	0.393	1	200	61.4	4.01	1.266	1	62	974.6	7.50	0.378	1	200
Days per Trip	913.1	1.34	0.037	1	15	61.4	1.39	0.184	1	10	974.6	1.34	0.037	1	15
Waters Fished*	928.9	1.09	0.011	1	4	61.4	1.05	0.029	1	2	990.3	1.09	0.010	1	4

*Waters Fished in Lower Gila-Agua Fria (150701).

Economic Impacts:

State of Arizona Economic Values (8.59%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$48,013,195	DIRECT EXPENDITURES	\$82,241,285
Food, Restaurant	\$17,670,799	TOTAL MULTIPLIER EFFECT	\$126,445,539
Lodging	\$6,790,642	SALARIES AND WAGES	\$48,519,932
Transportation	\$14,603,240	FULL-TIME & PART-TIME JOBS	1,721
Other	\$8,948,514	STATE TAX REVENUES	\$5,319,617
TOTAL EQUIPMENT	\$34,228,090		
Fishing	\$11,988,390		
Auxiliary	\$22,239,701		

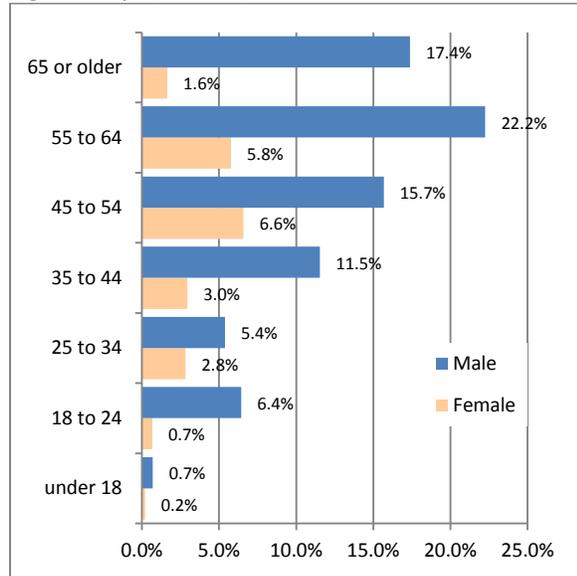
The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Lower Gila-Agua Fria (150701) Angler Demographics:

Age/Gender	Male	Female	Total
n	785.8	204.5	990.3
%	79.3	20.7	100.0
Mean	51.2	48.6	50.7
Std. Error	0.546	0.830	0.467
Median	54	51	52

Household Income (<i>n=847.2</i>)	n	%
Under \$20,000	82.1	9.7
\$20,000 - \$39,999	144.3	17.0
\$40,000 - \$59,999	146.5	17.3
\$60,000 - \$79,999	152.1	18.0
\$80,000 - \$99,999	113.3	13.4
\$100,000 - \$119,999	61.2	7.2
\$120,000 or more	147.8	17.4

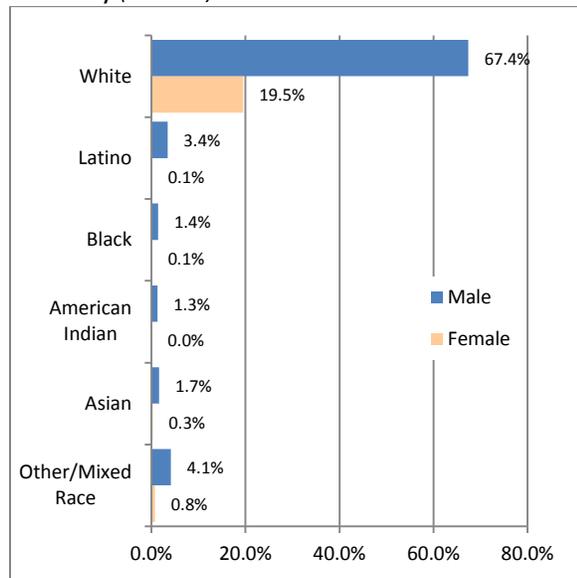
Age Groups (*n=990.3*)



State Residency (<i>n=990.3</i>)	n	%
AZ	928.2	93.7
MA	8.8	0.9
CA	6.9	0.7
IL	5.0	0.5
All Others		

Arizona City (<i>n=928.2</i>)	n	%
PHOENIX	250.9	27.0
GLENDALE	147.0	15.8
WADDELL	106.4	11.5
PRESCOTT	40.8	4.4
SCOTTSDALE	39.8	4.3
MESA	39.7	4.3
PRESCOTT VALLEY	35.7	3.8
TUCSON	21.1	2.3
NEW RIVER	18.2	2.0
CHINO VALLEY	16.7	1.8
GILBERT	15.4	1.7
CHANDLER	14.5	1.6
PEORIA	14.3	1.5
EL MIRAGE	12.1	1.3
AVONDALE	10.3	1.1
PAULDEN	6.9	0.7
BUCKEYE	6.8	0.7
WICKENBURG	6.8	0.7
SURPRISE	6.3	0.7
ANTHEM	6.1	0.7
ARLINGTON	6.1	0.7
LITCHFIELD PARK	6.1	0.7
SUN CITY WEST	6.1	0.7
All Others	94.3	10.2

Ethnicity (*n=980.8*)



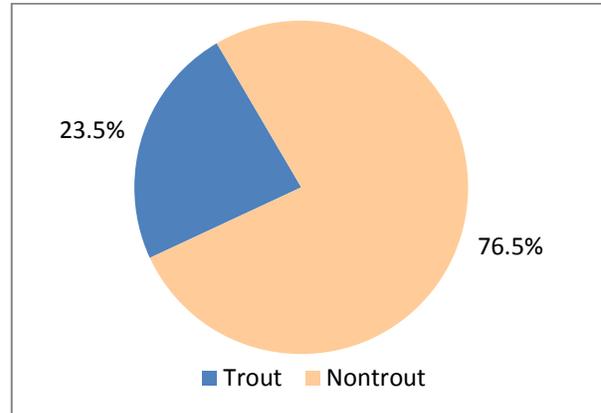
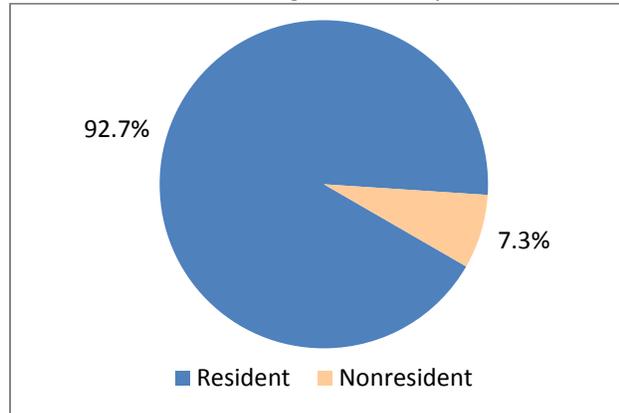
LOWER GILA (150702) – 2013 ANGLING SUMMARY

Lower Gila (150702) waters survey respondents fished:

Fortuna Pond (Moser Pond)	Growler Pond	Redondo Lake
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Angler Activity:

Lower Gila (150702) Angler User Days = 38,212 (0.64% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	46.0	12.30	2.922	1	130	3.6	15.41	12.749	1	60	49.6	12.52	2.825	1	130
Fishing Trips	42.9	12.26	3.119	1	130	3.6	14.39	12.973	1	60	46.5	12.43	3.003	1	130
Days per Trip	42.9	1.27	0.167	1	8	3.6	1.51	0.867	1	6	46.5	1.28	0.164	1	8
Waters Fished*	46.0	1.15	0.053	1	2	3.6	1.21	0.250	1	2	49.6	1.15	0.052	1	2

*Waters Fished in Lower Gila (150702).

Economic Impacts:

State of Arizona Economic Values (0.64%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$3,577,235	DIRECT EXPENDITURES	\$6,127,407
Food, Restaurant	\$1,316,567	TOTAL MULTIPLIER EFFECT	\$9,420,855
Lodging	\$505,938	SALARIES AND WAGES	\$3,614,989
Transportation	\$1,088,018	FULL-TIME & PART-TIME JOBS	128
Other	\$666,711	STATE TAX REVENUES	\$396,339
TOTAL EQUIPMENT	\$2,550,172		
Fishing	\$893,198		
Auxiliary	\$1,656,974		

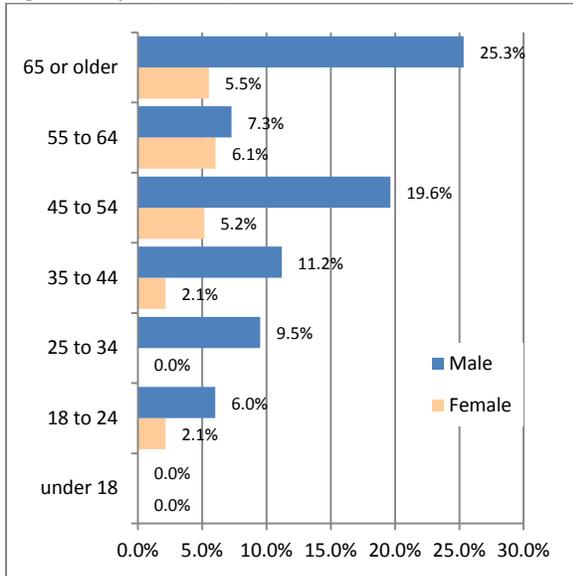
The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Lower Gila (150702) Angler Demographics:

Age/Gender	Male	Female	Total
n	39.1	10.4	49.6
%	79.0	21.0	100.0
Mean	50.9	52.3	51.2
Std. Error	2.658	4.392	2.275
Median	52	55	53

Household Income (<i>n=44.0</i>)	n	%
Under \$20,000	5.3	12.0
\$20,000 - \$39,999	10.3	23.3
\$40,000 - \$59,999	12.0	27.3
\$60,000 - \$79,999	6.8	15.4
\$80,000 - \$99,999	4.5	10.1
\$100,000 - \$119,999	3.3	7.5
\$120,000 or more	1.9	4.3

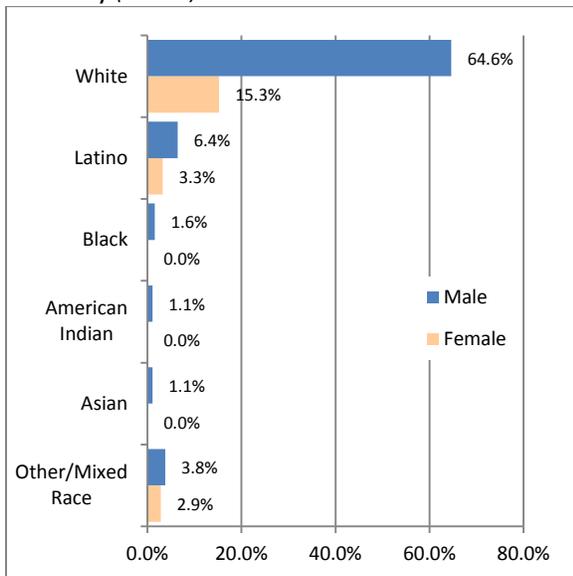
Age Groups (*n=49.6*)



State Residency (<i>n=49.6</i>)	n	%
AZ	47.1	95.0
CA	1.8	3.7
WA	0.6	1.2

Arizona City (<i>n=47.1</i>)	n	%
YUMA	42.5	90.2
WELLTON	1.3	2.7
SAN TAN VALLEY	1.0	2.1
PRESCOTT	0.8	1.7
TUCSON	0.6	1.2
SAN LUIS	0.5	1.1
PAYSON	0.5	1.1

Ethnicity (*n=48.8*)



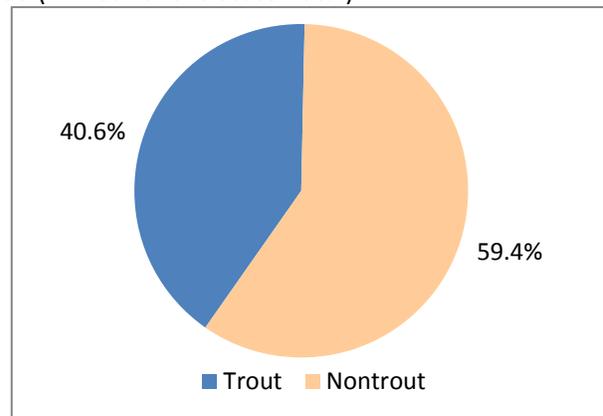
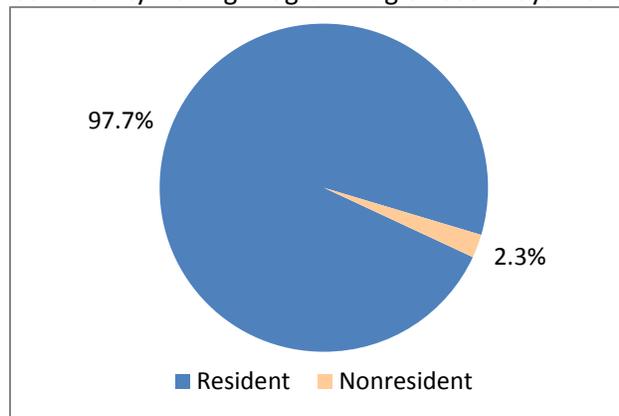
COMMUNITY FISHING PROGRAM – 2013 ANGLING SUMMARY

Community Fishing Program waters survey respondents fished:

Alvord Lake	Green Valley Lakes	Sahuarita Lake
Chaparral Lake	Kennedy Lake	Silverbell Lake
Cortez Lake	Kiwanis Lake	Steele Indian School Pond
Desert Breeze Lake	Lakeside Lake	Surprise Lake
Encanto Lake	Red Mountain Lake	Veterans Oasis Lake
Evelyn Hallman Lake	Rio Vista Lake	Water Ranch Lake

Angler Activity:

Community Fishing Program Angler User Days = 676,286 (11.25% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	516.5	21.80	1.901	1	250	12.2	5.58	0.896	1	12	528.7	21.43	1.860	1	250
Fishing Trips	516.5	21.70	1.902	1	250	12.2	4.49	0.845	1	12	528.7	21.30	1.861	1	250
Days per Trip	516.5	1.06	0.024	1	10	12.2	2.08	0.873	1	10	528.7	1.08	0.031	1	10
Waters Fished*	516.5	1.19	0.020	1	4	12.2	1.19	0.135	1	3	528.7	1.19	0.020	1	4

*Waters Fished in the Community Fishing Program.

Economic Impacts:

State of Arizona Economic Values (11.25%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$62,881,076	DIRECT EXPENDITURES	\$107,708,319
Food, Restaurant	\$23,142,781	TOTAL MULTIPLIER EFFECT	\$165,600,968
Lodging	\$8,893,448	SALARIES AND WAGES	\$63,544,731
Transportation	\$19,125,315	FULL-TIME & PART-TIME JOBS	2,254
Other	\$11,719,533	STATE TAX REVENUES	\$6,966,903
TOTAL EQUIPMENT	\$44,827,243		
Fishing	\$15,700,743		
Auxiliary	\$29,126,500		

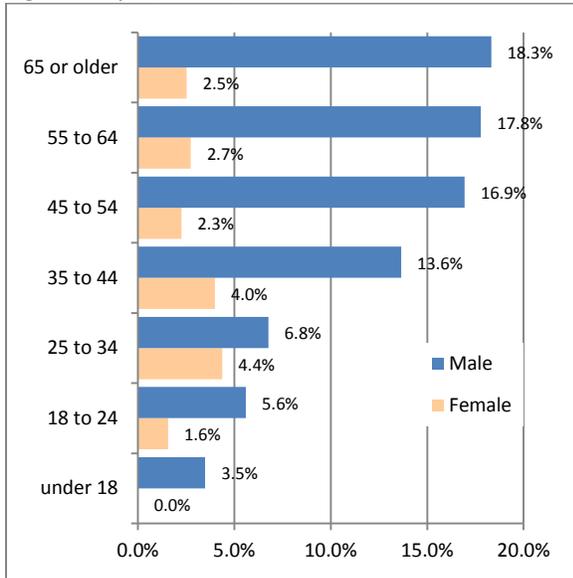
The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Community Fishing Program Angler Demographics:

Age/Gender	Male	Female	Total
n	436.4	92.3	528.7
%	82.5%	17.5%	100.0%
Mean	49.2	44.4	48.3
Std. Error	0.790	1.625	0.715
Median	52	42	49

Household Income (<i>n=432.6</i>)	n	%
Under \$20,000	39.5	9.1
\$20,000 - \$39,999	120.8	27.9
\$40,000 - \$59,999	79.7	18.4
\$60,000 - \$79,999	92.3	21.3
\$80,000 - \$99,999	53.8	12.4
\$100,000 - \$119,999	19.4	4.5
\$120,000 or more	27.1	6.3

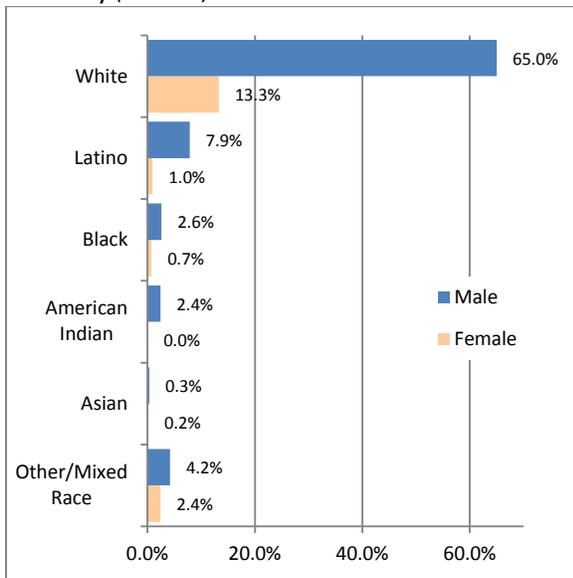
Age Groups (*n=528.7*)



State Residency (<i>n=528.7</i>)	n	%
AZ	504.6	95.4
CA	2.6	0.5
VT	2.6	0.5
IL	2.5	0.5
MA	2.5	0.5
All Others	13.9	2.6

Arizona City (<i>n=504.6</i>)	n	%
TUCSON	138.3	27.4
MESA	101.5	20.1
PHOENIX	82.7	16.4
CHANDLER	45.2	9.0
SCOTTSDALE	18.0	3.6
GILBERT	17.9	3.5
PAYSON	13.2	2.6
WADDELL	12.8	2.5
SAHUARITA	6.5	1.3
EL MIRAGE	6.0	1.2
FOUNTAIN HILLS	6.0	1.2
MARANA	5.0	1.0
SAN TAN VALLEY	4.8	1.0
PINE	4.7	0.9
TEMPE	4.2	0.8
MARICOPA	3.0	0.6
APACHE JUNCTION	2.6	0.5
QUEEN CREEK	2.6	0.5
COOLIDGE	2.3	0.5
All Others	27.4	5.4

Ethnicity (*n=522.6*)



ANGLING SUMMARY FOR THE TOP 32 WATERS (75% OF THE ANGLER USER DAYS)

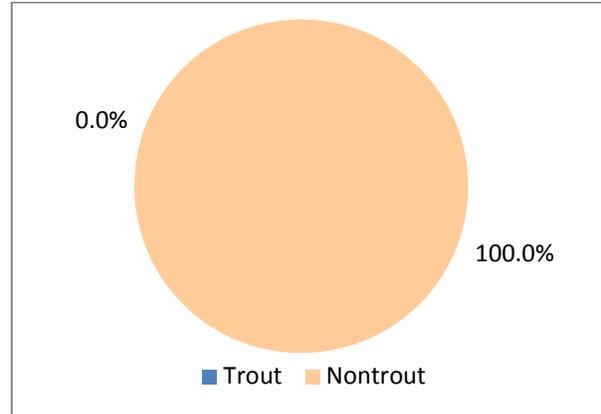
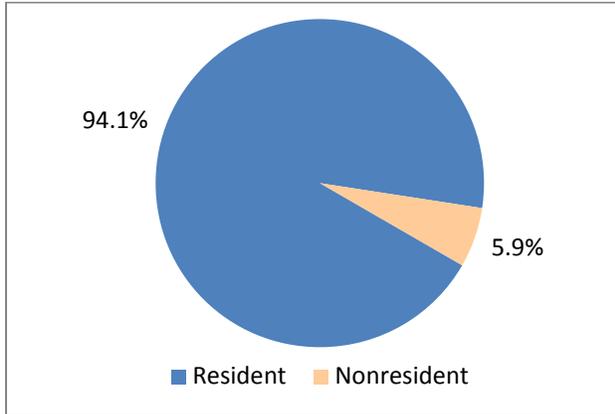
1. Roosevelt Lake	91
2. Lake Pleasant	93
3. Saguaro Lake	95
4. Lake Havasu	97
5. Bartlett Lake.....	99
6. Big Lake	101
7. Colorado River - Topock Area	103
8. Woods Canyon Lake.....	105
9. Veterans Oasis Lake	107
10. Canyon Lake	109
11. Patagonia Lake	111
12. Red Mountain Lake	113
13. Lake Powell	115
14. Silverbell Lake	117
15. Apache Lake	119
16. Lake Mohave.....	121
17. Willow Springs Lake	123
18. Colorado River - Ehrenberg/Blythe to Yuma ..	125
19. Colorado River - Lees Ferry	127
20. Salt River (Below Saguaro).....	129
21. Alamo Lake.....	131
22. Fool Hollow Lake	133
23. Mittry Lake	135
24. Show Low Lake.....	137
25. Lynx Lake	139
26. Dead Horse Lake	141
27. Parker Canyon Lake.....	143
28. Lake Mary (Upper)	145
29. Colorado River - Parker Strip Area	147
30. Water Ranch Lake	149
31. Tonto Creek (Salt River Drainage).....	151
32. Ashurst Lake.....	153

Appendix F. 2013 Angling Summary by the Top 32 Waters

ROOSEVELT LAKE – 2013 ANGLING SUMMARY

Angler Activity:

Roosevelt Lake Angler User Days = 453,525 (7.55% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	862.1	8.37	0.452	1	150	54.0	6.62	1.222	1	40	916.1	8.27	0.432	1	150
Fishing Trips	852.0	5.36	0.372	1	150	54.0	4.34	1.050	1	40	906.0	5.30	0.356	1	150
Days per Trip	852.0	2.10	0.067	1	30	54.0	2.66	0.501	1	30	906.0	2.13	0.069	1	30
Waters Fished	862.1	3.34	0.063	1	9	54.0	2.27	0.206	1	7	916.1	3.28	0.061	1	9

Economic Impacts:

State of Arizona Economic Values (7.55%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$42,200,189	DIRECT EXPENDITURES	\$72,284,250
Food, Restaurant	\$15,531,377	TOTAL MULTIPLIER EFFECT	\$111,136,650
Lodging	\$5,968,492	SALARIES AND WAGES	\$42,645,575
Transportation	\$12,835,211	FULL-TIME & PART-TIME JOBS	1,513
Other	\$7,865,109	STATE TAX REVENUES	\$4,675,566
TOTAL EQUIPMENT	\$30,084,061		
Fishing	\$10,536,943		
Auxiliary	\$19,547,118		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Gila County Economic Values (68.25%)

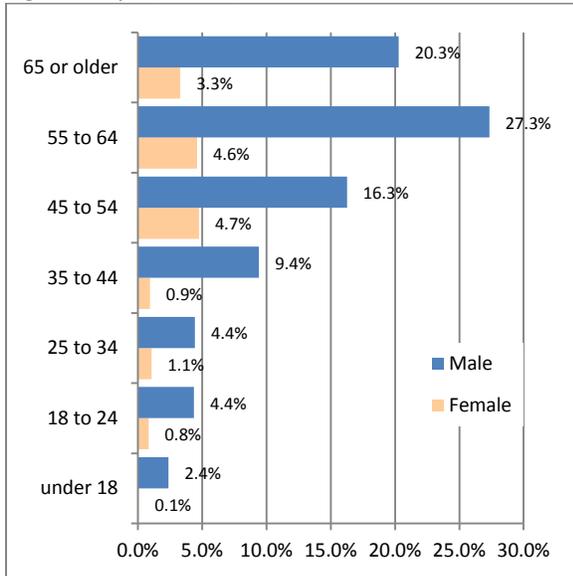
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$29,718,605	DIRECT EXPENDITURES	\$41,329,106
Food, Restaurant	\$9,961,507	TOTAL MULTIPLIER EFFECT	\$49,091,426
Lodging	\$5,914,630	SALARIES AND WAGES	\$7,867,216
Transportation	\$8,682,945	FULL-TIME & PART-TIME JOBS	807
Other	\$5,159,524	STATE TAX REVENUES	\$1,888,131
TOTAL EQUIPMENT	\$11,610,501		
Fishing	\$4,784,285		
Auxiliary	\$6,826,216		

The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

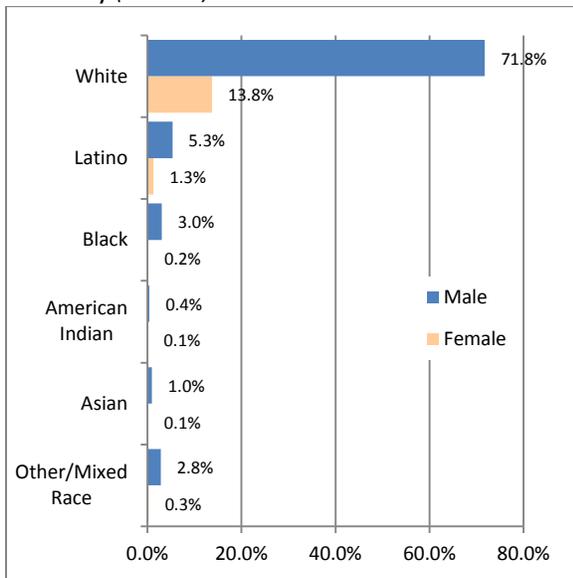
Roosevelt Lake Angler Demographics:

Age/Gender	Male	Female	Total
n	773.8	142.3	916.1
%	84.5	15.5	100.0
Mean	53.2	52.7	53.1
Std. Error	0.546	1.102	0.492
Median	57	55	56

Age Groups (n=916.1)



Ethnicity (n=902.6)



Household Income (n=770.8)	n	%
Under \$20,000	54.9	7.1
\$20,000 - \$39,999	97.3	12.6
\$40,000 - \$59,999	164.8	21.4
\$60,000 - \$79,999	146.8	19.0
\$80,000 - \$99,999	107.4	13.9
\$100,000 - \$119,999	88.8	11.5
\$120,000 or more	110.8	14.4

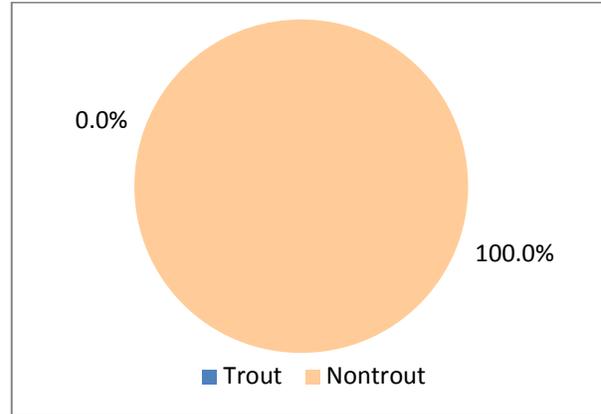
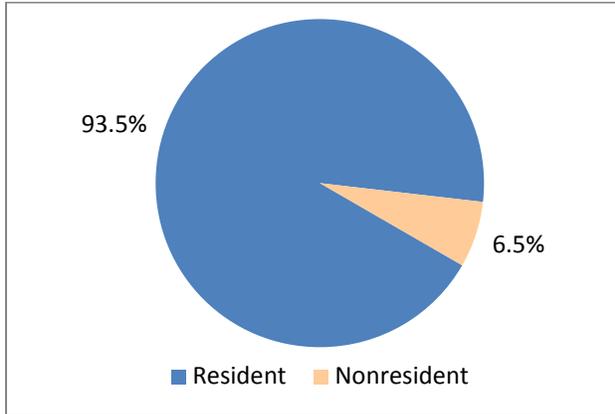
State Residency (n=916.1)	n	%
AZ	858.3	93.7
MA	11.1	1.2
CA	6.0	0.7
CO	5.2	0.6
All Others	35.6	3.9

Arizona City (n=858.3)	n	%
TUCSON	134.1	15.6
PHOENIX	105.7	12.3
MESA	62.4	7.3
GILBERT	42.9	5.0
GLENDALE	42.8	5.0
CHANDLER	36.4	4.2
SCOTTSDALE	33.2	3.9
PAYSON	28.4	3.3
FLAGSTAFF	22.5	2.6
CASA GRANDE	20.8	2.4
WADDELL	18.5	2.2
GLOBE	17.0	2.0
TEMPE	16.4	1.9
SHOW LOW	12.9	1.5
QUEEN CREEK	10.3	1.2
COOLIDGE	10.2	1.2
SAN TAN VALLEY	9.9	1.2
PEORIA	9.2	1.1
SAFFORD	9.0	1.0
FLORENCE	8.3	1.0
COTTONWOOD	7.1	0.8
MARANA	6.8	0.8
ROOSEVELT	6.6	0.8
TONTO BASIN	6.5	0.8
CAMP VERDE	6.5	0.8
All Others	173.8	20.3

LAKE PLEASANT – 2013 ANGLING SUMMARY

Angler Activity:

Lake Pleasant Angler User Days = 349,144 (5.81% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	706.6	8.09	0.382	1	90	49.5	2.60	0.600	1	35	756.1	7.73	0.362	1	90
Fishing Trips	696.6	6.87	0.336	1	80	49.5	2.19	0.452	1	25	746.0	6.56	0.318	1	80
Days per Trip	696.6	1.32	0.032	1	6	49.5	1.20	0.072	1	4	746.0	1.31	0.031	1	6
Waters Fished	706.6	3.19	0.073	1	9	49.5	1.78	0.176	1	7	756.1	3.10	0.071	1	9

Economic Impacts:

State of Arizona Economic Values (5.81%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$32,474,582	DIRECT EXPENDITURES	\$55,625,363
Food, Restaurant	\$11,951,961	TOTAL MULTIPLIER EFFECT	\$85,523,700
Lodging	\$4,592,972	SALARIES AND WAGES	\$32,817,323
Transportation	\$9,877,163	FULL-TIME & PART-TIME JOBS	1,164
Other	\$6,052,487	STATE TAX REVENUES	\$3,598,018
TOTAL EQUIPMENT	\$23,150,781		
Fishing	\$8,108,561		
Auxiliary	\$15,042,219		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Maricopa County Economic Values (18.75%)

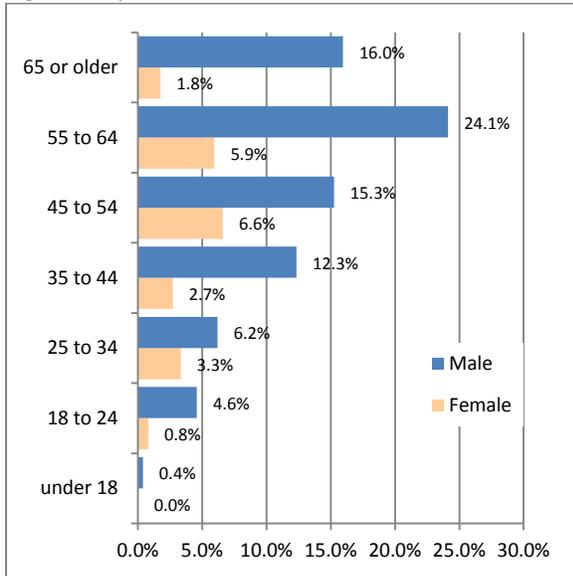
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$33,982,252	DIRECT EXPENDITURES	\$68,878,110
Food, Restaurant	\$14,045,251	TOTAL MULTIPLIER EFFECT	\$86,728,452
Lodging	\$1,864,783	SALARIES AND WAGES	\$17,341,451
Transportation	\$11,267,165	FULL-TIME & PART-TIME JOBS	906
Other	\$6,805,053	STATE TAX REVENUES	\$3,552,472
TOTAL EQUIPMENT	\$34,895,295		
Fishing	\$11,792,270		
Auxiliary	\$23,103,025		

The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

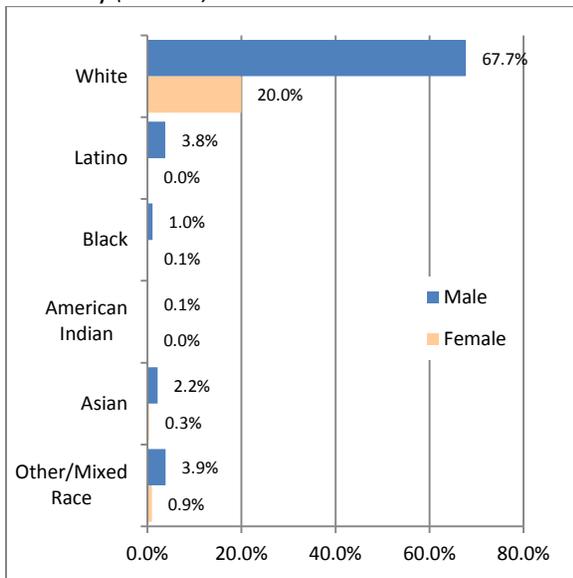
Lake Pleasant Angler Demographics:

Age/Gender	Male	Female	Total
n	596.1	160.0	756.1
%	78.8	21.2	100.0
Mean	51.6	48.7	51.0
Std. Error	0.592	0.939	0.509
Median	55	51	53

Age Groups (n=756.1)



Ethnicity (n=750.5)



Household Income (n=663.4)	n	%
Under \$20,000	65.0	9.8
\$20,000 - \$39,999	92.0	13.9
\$40,000 - \$59,999	114.3	17.2
\$60,000 - \$79,999	109.8	16.5
\$80,000 - \$99,999	100.5	15.1
\$100,000 - \$119,999	50.4	7.6
\$120,000 or more	131.5	19.8

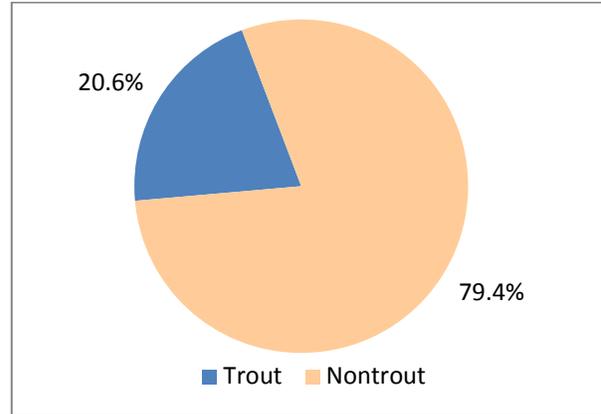
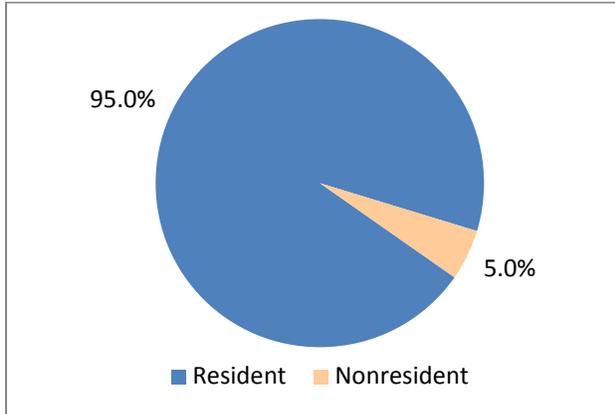
State Residency (n=756.1)	n	%
AZ	705.4	93.3
CA	5.8	0.8
IL	4.3	0.6
MA	4.3	0.6
PA	3.6	0.5
WI	3.6	0.5
All Others	29.2	3.9

Arizona City (n=705.4)	n	%
PHOENIX	203.5	28.9
GLENDALE	142.3	20.2
WADDELL	88.7	12.6
SCOTTSDALE	31.5	4.5
MESA	28.4	4.0
TUCSON	18.0	2.6
GILBERT	15.4	2.2
PEORIA	14.3	2.0
NEW RIVER	12.1	1.7
AVONDALE	10.3	1.5
PRESCOTT	9.3	1.3
PRESCOTT VALLEY	7.0	1.0
BUCKEYE	6.8	1.0
WICKENBURG	6.8	1.0
ANTHEM	6.1	0.9
ARLINGTON	6.1	0.9
EL MIRAGE	6.1	0.9
LITCHFIELD PARK	6.1	0.9
SUN CITY WEST	6.1	0.9
CHINO VALLEY	5.6	0.8
MARICOPA	4.6	0.6
COTTONWOOD	4.5	0.6
All Others	65.9	9.3

SAGUARO LAKE – 2013 ANGLING SUMMARY

Angler Activity:

Saguaro Lake Angler User Days = 288,179 (4.80% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	444.2	10.70	0.916	1	100	23.2	3.41	1.014	1	23	467.4	10.34	0.875	1	100
Fishing Trips	435.9	10.13	0.922	1	100	23.2	2.94	0.994	1	23	459.1	9.77	0.879	1	100
Days per Trip	435.9	1.17	0.030	1	12	23.2	1.31	0.179	1	5	459.1	1.18	0.030	1	12
Waters Fished	444.2	3.73	0.104	1	9	23.2	1.67	0.190	1	7	467.4	3.62	0.102	1	9

Economic Impacts:

State of Arizona Economic Values (4.80%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$26,829,259	DIRECT EXPENDITURES	\$45,955,549
Food, Restaurant	\$9,874,253	TOTAL MULTIPLIER EFFECT	\$70,656,413
Lodging	\$3,794,538	SALARIES AND WAGES	\$27,112,419
Transportation	\$8,160,134	FULL-TIME & PART-TIME JOBS	962
Other	\$5,000,334	STATE TAX REVENUES	\$2,972,545
TOTAL EQUIPMENT	\$19,126,290		
Fishing	\$6,698,984		
Auxiliary	\$12,427,307		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Maricopa County Economic Values (15.47%)

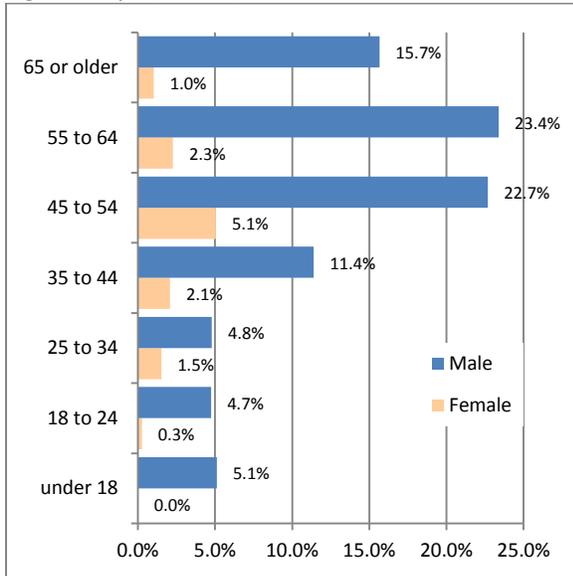
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$28,037,623	DIRECT EXPENDITURES	\$56,829,032
Food, Restaurant	\$11,588,268	TOTAL MULTIPLIER EFFECT	\$71,556,755
Lodging	\$1,538,570	SALARIES AND WAGES	\$14,307,853
Transportation	\$9,296,163	FULL-TIME & PART-TIME JOBS	748
Other	\$5,614,623	STATE TAX REVENUES	\$2,931,026
TOTAL EQUIPMENT	\$28,790,945		
Fishing	\$9,729,409		
Auxiliary	\$19,061,536		

The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

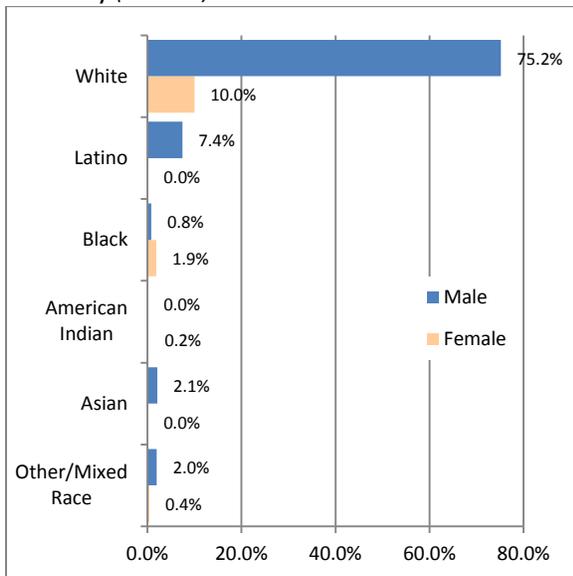
Saguaro Lake Angler Demographics:

Age/Gender	Male	Female	Total
n	410.2	57.2	467.4
%	87.8	12.2	100.0
Mean	50.2	48.1	50.0
Std. Error	0.780	1.456	0.707
Median	53	48	52

Age Groups (n=467.4)



Ethnicity (n=456.9)



Household Income (n=390.1)	n	%
Under \$20,000	22.6	5.8
\$20,000 - \$39,999	38.4	9.9
\$40,000 - \$59,999	70.5	18.1
\$60,000 - \$79,999	85.9	22.0
\$80,000 - \$99,999	53.1	13.6
\$100,000 - \$119,999	43.5	11.2
\$120,000 or more	76.1	19.5

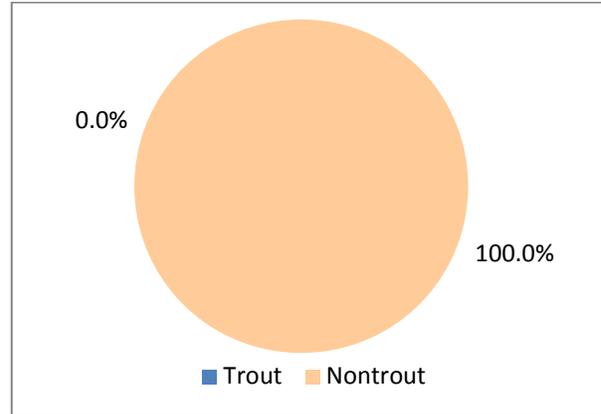
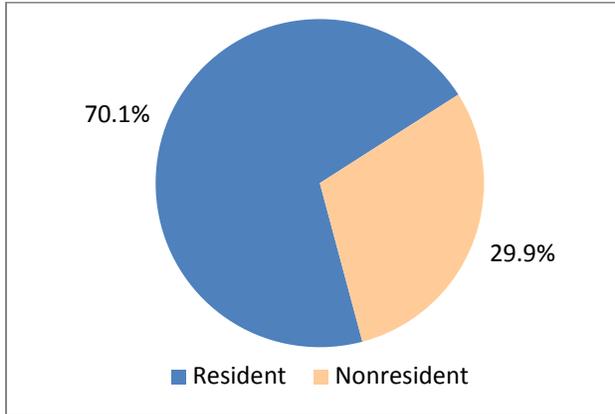
State Residency (n=467.4)	n	%
AZ	440.0	94.1
MN	5.6	1.2
IL	4.0	0.8
WI	2.1	0.5
All Others	15.7	3.4

Arizona City (n=440.0)	n	%
MESA	116.1	26.4
PHOENIX	79.4	18.1
SCOTTSDALE	39.6	9.0
GILBERT	35.0	8.0
CHANDLER	33.2	7.5
GLENDALE	20.2	4.6
TEMPE	15.3	3.5
SAN TAN VALLEY	12.8	2.9
FOUNTAIN HILLS	12.0	2.7
PEORIA	9.2	2.1
WADDELL	8.2	1.9
MARICOPA	6.4	1.5
CASA GRANDE	6.3	1.4
FLORENCE	4.9	1.1
TUCSON	4.5	1.0
SAHUARITA	4.4	1.0
QUEEN CREEK	4.2	1.0
GOLD CANYON	3.8	0.9
PAYSON	3.1	0.7
WITTMANN	2.1	0.5
YOUNGTOWN	2.1	0.5
AJO	1.7	0.4
COOLIDGE	1.2	0.3
All Others	14.4	3.3

LAKE HAVASU – 2013 ANGLING SUMMARY

Angler Activity:

Lake Havasu Angler User Days = 278,129 (4.63% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	172.5	22.33	2.428	1	270	73.6	9.75	1.581	1	80	246.2	18.56	1.802	1	270
Fishing Trips	168.7	19.98	2.494	1	270	73.6	5.83	1.450	1	80	242.3	15.68	1.837	1	270
Days per Trip	168.7	1.72	0.143	1	19	73.6	4.12	0.584	1	30	242.3	2.45	0.215	1	30
Waters Fished	172.5	2.93	0.157	1	9	73.6	1.47	0.088	1	5	246.2	2.49	0.121	1	9

Economic Impacts:

State of Arizona Economic Values (4.63%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$25,879,056	DIRECT EXPENDITURES	\$44,327,957
Food, Restaurant	\$9,524,540	TOTAL MULTIPLIER EFFECT	\$68,153,999
Lodging	\$3,660,148	SALARIES AND WAGES	\$26,152,187
Transportation	\$7,871,130	FULL-TIME & PART-TIME JOBS	928
Other	\$4,823,239	STATE TAX REVENUES	\$2,867,268
TOTAL EQUIPMENT	\$18,448,901		
Fishing	\$6,461,728		
Auxiliary	\$11,987,173		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Mohave County Economic Values (45.18%)

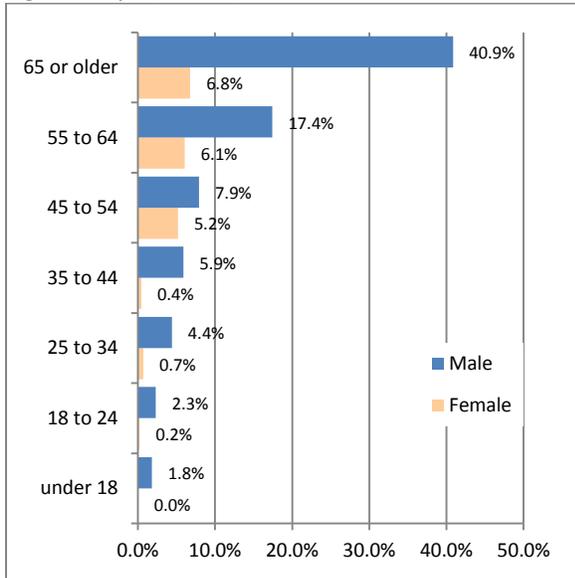
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$25,046,939	DIRECT EXPENDITURES	\$43,283,983
Food, Restaurant	\$7,003,575	TOTAL MULTIPLIER EFFECT	\$53,630,968
Lodging	\$3,563,723	SALARIES AND WAGES	\$9,588,567
Transportation	\$6,288,984	FULL-TIME & PART-TIME JOBS	911
Other	\$8,190,656	STATE TAX REVENUES	\$2,112,735
TOTAL EQUIPMENT	\$18,237,045		
Fishing	\$4,039,435		
Auxiliary	\$14,197,610		

The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

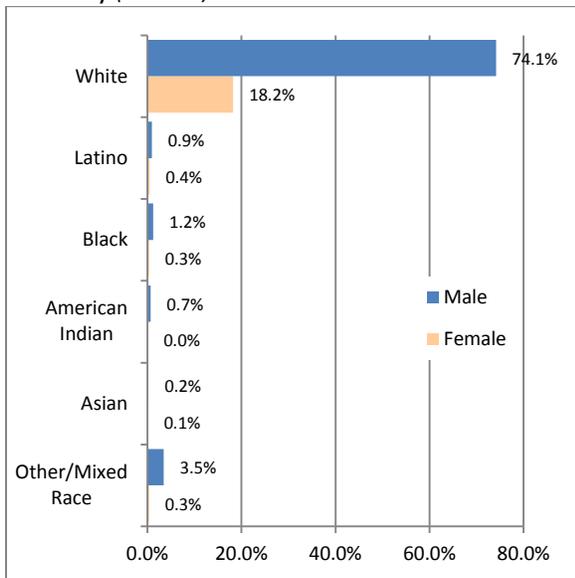
Lake Havasu Angler Demographics:

Age/Gender	Male	Female	Total
n	198.4	47.8	246.2
%	80.6	19.4	100.0
Mean	59.2	58.1	59.0
Std. Error	1.095	1.437	0.925
Median	65	60	64

Age Groups (n=246.2)



Ethnicity (n=243.5)



Household Income (n=219.0)	n	%
Under \$20,000	17.3	7.9
\$20,000 - \$39,999	42.0	19.2
\$40,000 - \$59,999	39.0	17.8
\$60,000 - \$79,999	47.5	21.7
\$80,000 - \$99,999	25.3	11.6
\$100,000 - \$119,999	16.6	7.6
\$120,000 or more	31.3	14.3

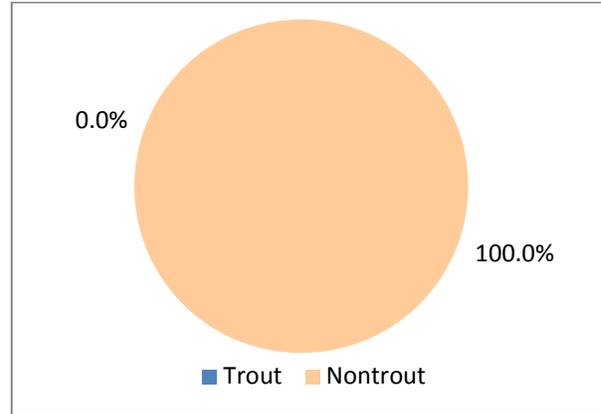
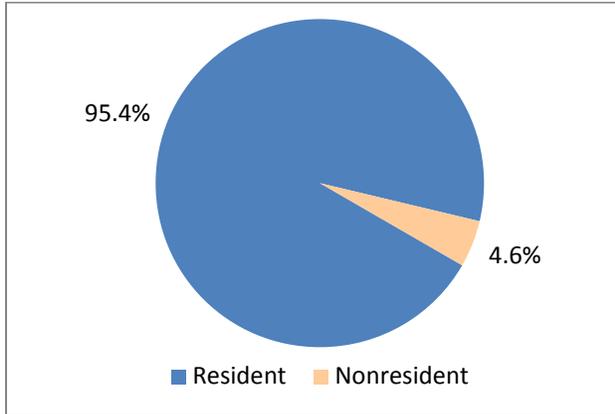
State Residency (n=246.2)	n	%
AZ	173.9	70.6
MN	11.2	4.5
CA	8.9	3.6
NV	5.6	2.3
CO	5.6	2.3
MI	5.6	2.3
ID	5.6	2.3
WA	4.6	1.9
All Others	25.3	10.3

Arizona City (n=173.9)	n	%
LAKE HAVASU CITY	77.9	44.8
GLENDALE	12.1	7.0
PARKER	7.2	4.1
BUCKEYE	6.1	3.5
WADDELL	6.1	3.5
KINGMAN	5.8	3.3
BULLHEAD CITY	5.8	3.3
YUMA	5.7	3.3
TUCSON	5.3	3.1
PHOENIX	4.7	2.7
MOHAVE VALLEY	3.7	2.1
FLAGSTAFF	3.5	2.0
PRESCOTT	2.8	1.6
SCOTTSDALE	2.6	1.5
COTTONWOOD	2.4	1.4
GOLDEN VALLEY	2.4	1.4
YOUNGTOWN	2.1	1.2
FT MOHAVE	1.5	0.9
PAYSON	1.5	0.9
PRESCOTT VALLEY	1.2	0.7
MEADVIEW	1.2	0.7
SIERRA VISTA	1.2	0.7
All Others	11.2	6.4

BARTLETT LAKE – 2013 ANGLING SUMMARY

Angler Activity:

Bartlett Lake Angler User Days = 277,334 (4.61% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	503.6	9.06	0.956	1	280	24.1	3.36	1.069	1	20	527.7	8.80	0.915	1	280
Fishing Trips	500.1	7.91	0.957	1	280	24.1	3.06	0.890	1	20	524.2	7.69	0.915	1	280
Days per Trip	500.1	1.42	0.042	1	5	24.1	1.02	0.018	1	1	524.2	1.40	0.040	1	5
Waters Fished	503.6	3.83	0.102	1	9	24.1	2.20	0.338	1	7	527.7	3.75	0.099	1	9

Economic Impacts:

State of Arizona Economic Values (4.61%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$25,767,268	DIRECT EXPENDITURES	\$44,136,476
Food, Restaurant	\$9,483,397	TOTAL MULTIPLIER EFFECT	\$67,859,597
Lodging	\$3,644,337	SALARIES AND WAGES	\$26,039,219
Transportation	\$7,837,129	FULL-TIME & PART-TIME JOBS	924
Other	\$4,802,404	STATE TAX REVENUES	\$2,854,882
TOTAL EQUIPMENT	\$18,369,208		
Fishing	\$6,433,816		
Auxiliary	\$11,935,392		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Maricopa County Economic Values (14.89%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$26,986,439	DIRECT EXPENDITURES	\$54,698,403
Food, Restaurant	\$11,153,802	TOTAL MULTIPLIER EFFECT	\$68,873,955
Lodging	\$1,480,886	SALARIES AND WAGES	\$13,771,424
Transportation	\$8,947,632	FULL-TIME & PART-TIME JOBS	720
Other	\$5,404,120	STATE TAX REVENUES	\$2,821,136
TOTAL EQUIPMENT	\$27,711,517		
Fishing	\$9,364,635		
Auxiliary	\$18,346,882		

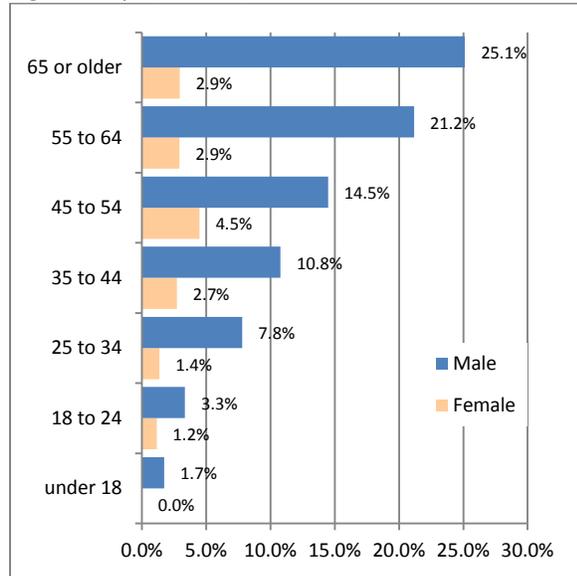
The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

Bartlett Lake Angler Demographics:

Age/Gender	Male	Female	Total
n	445.5	82.2	527.7
%	84.4	15.6	100.0
Mean	53.1	49.2	52.5
Std. Error	0.732	1.556	0.666
Median	57	51	56

Household Income (<i>n=443.1</i>)	n	%
Under \$20,000	50.6	11.4
\$20,000 - \$39,999	49.5	11.2
\$40,000 - \$59,999	74.4	16.8
\$60,000 - \$79,999	94.7	21.4
\$80,000 - \$99,999	94.0	21.2
\$100,000 - \$119,999	31.9	7.2
\$120,000 or more	48.0	10.8

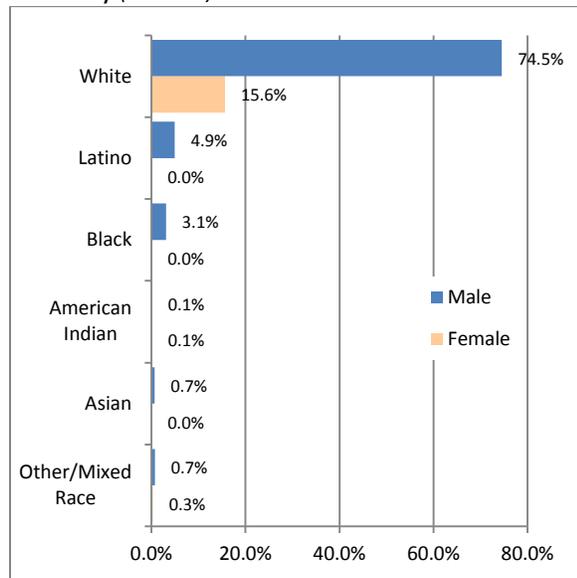
Age Groups (*n=527.7*)



State Residency (<i>n=527.7</i>)	n	%
AZ	503.4	95.4
PA	4.0	0.8
CO	2.9	0.6
WI	2.4	0.5
All Others	15.0	2.8

Arizona City (<i>n=503.4</i>)	n	%
PHOENIX	169.4	33.6
SCOTTSDALE	94.1	18.7
GLENDALE	82.3	16.4
CHANDLER	18.2	3.6
MESA	11.9	2.4
PEORIA	11.3	2.2
WADDELL	10.7	2.1
TUCSON	10.2	2.0
GILBERT	8.6	1.7
EL MIRAGE	6.1	1.2
NEW RIVER	6.1	1.2
QUEEN CREEK	6.1	1.2
SUN LAKES	6.1	1.2
TEMPE	6.1	1.2
CASA GRANDE	5.2	1.0
PRESCOTT VALLEY	4.4	0.9
PRESCOTT	3.4	0.7
FLAGSTAFF	3.3	0.6
CHINO VALLEY	2.9	0.6
SIERRA VISTA	2.7	0.5
CAMP VERDE	2.6	0.5
DEWEY	2.4	0.5
MARICOPA	2.3	0.5
All Others	27.3	5.4

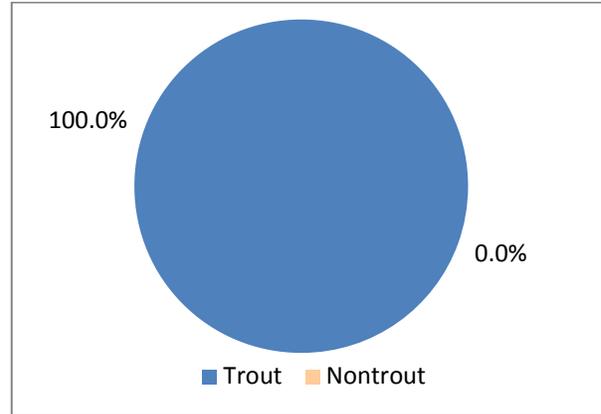
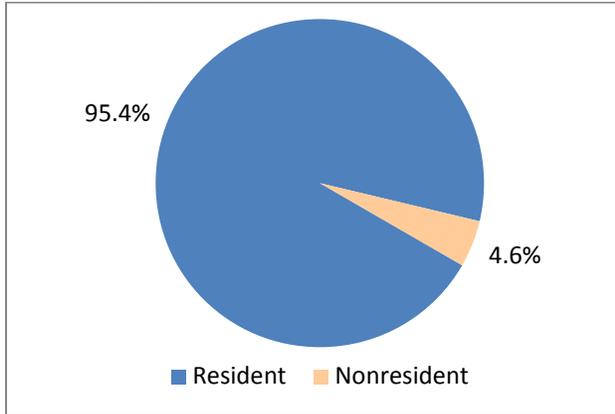
Ethnicity (*n=513.7*)



BIG LAKE – 2013 ANGLING SUMMARY

Angler Activity:

Big Lake Angler User Days = 163,678 (2.72% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	535.1	4.89	0.237	1	100	25.7	4.54	1.031	1	20	560.8	4.87	0.231	1	100
Fishing Trips	526.7	2.87	0.181	1	100	25.7	2.65	0.591	1	15	552.4	2.86	0.175	1	100
Days per Trip	526.7	2.12	0.086	1	24	25.7	1.78	0.219	1	5	552.4	2.11	0.083	1	24
Waters Fished	535.1	3.74	0.091	1	9	25.7	3.06	0.359	1	8	560.8	3.71	0.089	1	9

Economic Impacts:

State of Arizona Economic Values (2.72%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$15,203,247	DIRECT EXPENDITURES	\$26,041,478
Food, Restaurant	\$5,595,410	TOTAL MULTIPLIER EFFECT	\$40,038,634
Lodging	\$2,150,238	SALARIES AND WAGES	\$15,363,704
Transportation	\$4,624,076	FULL-TIME & PART-TIME JOBS	545
Other	\$2,833,523	STATE TAX REVENUES	\$1,684,442
TOTAL EQUIPMENT	\$10,838,231		
Fishing	\$3,796,091		
Auxiliary	\$7,042,140		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Apache County Economic Values (45.36%)

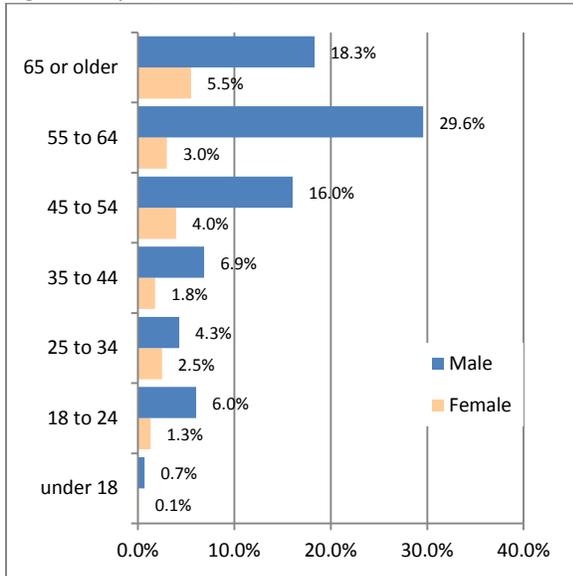
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$10,279,757	DIRECT EXPENDITURES	\$13,385,053
Food, Restaurant	\$3,584,466	TOTAL MULTIPLIER EFFECT	\$15,345,920
Lodging	\$2,928,617	SALARIES AND WAGES	\$1,896,926
Transportation	\$2,616,363	FULL-TIME & PART-TIME JOBS	215
Other	\$1,150,310	STATE TAX REVENUES	\$724,669
TOTAL EQUIPMENT	\$3,105,296		
Fishing	\$1,121,574		
Auxiliary	\$1,983,722		

The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

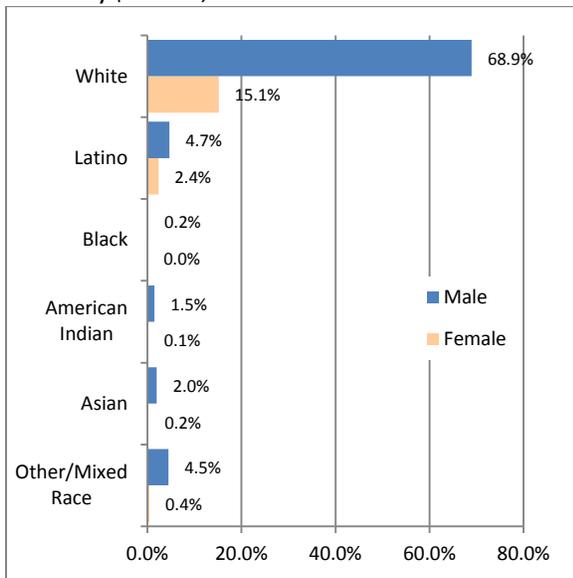
Big Lake Angler Demographics:

Age/Gender	Male	Female	Total
n	458.8	102.0	560.8
%	81.8	18.2	100.0
Mean	53.5	50.9	53.1
Std. Error	0.705	1.541	0.642
Median	56	54	56

Age Groups (n=560.8)



Ethnicity (n=555.2)



Household Income (n=481.9)	n	%
Under \$20,000	21.8	4.5
\$20,000 - \$39,999	68.5	14.2
\$40,000 - \$59,999	65.4	13.6
\$60,000 - \$79,999	120.1	24.9
\$80,000 - \$99,999	70.8	14.7
\$100,000 - \$119,999	46.1	9.6
\$120,000 or more	89.1	18.5

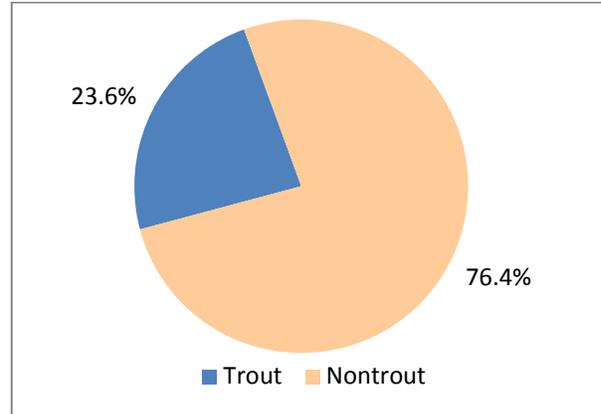
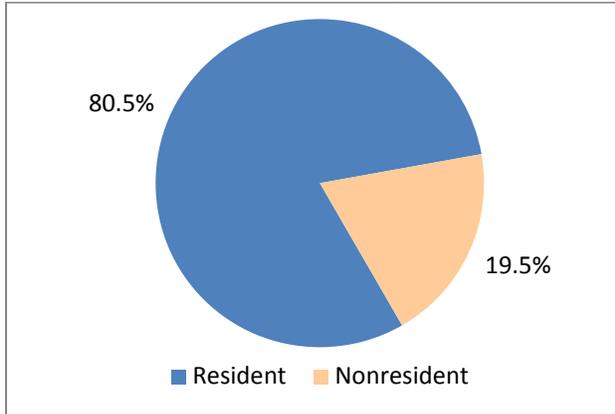
State Residency (n=560.8)	n	%
AZ	534.7	95.3
NM	11.6	2.1
MA	7.8	1.4
All Others	6.7	1.2

Arizona City (n=534.7)	n	%
TUCSON	79.8	14.9
PHOENIX	67.2	12.6
MESA	35.8	6.7
SCOTTSDALE	28.1	5.3
SHOW LOW	25.5	4.8
CHANDLER	16.4	3.1
PINETOP	14.6	2.7
EAGAR	13.0	2.4
TEMPE	12.9	2.4
LAKESIDE	10.9	2.0
GLENDALE	10.3	1.9
SAFFORD	10.1	1.9
SPRINGVILLE	9.4	1.8
FLAGSTAFF	8.7	1.6
SURPRISE	8.6	1.6
FOUNTAIN HILLS	8.2	1.5
PRESCOTT	7.9	1.5
CASA GRANDE	7.9	1.5
CLIFTON	7.7	1.4
WADDELL	6.3	1.2
THATCHER	6.2	1.2
SIERRA VISTA	6.1	1.1
SUN CITY WEST	6.1	1.1
MARANA	4.5	0.8
TAYLOR	4.3	0.8
AVONDALE	4.2	0.8
All Others	113.8	21.3

COLORADO RIVER - TOPOCK AREA – 2013 ANGLING SUMMARY

Angler Activity:

Colorado River - Topock Area Angler User Days = 160,125 (2.66% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	105.0	23.64	3.833	1	300	25.4	7.38	3.504	1	150	130.4	20.48	3.206	1	300
Fishing Trips	100.5	17.97	3.494	1	300	25.4	3.96	1.316	1	36	125.9	15.15	2.844	1	300
Days per Trip	100.5	2.05	0.414	1	25	25.4	4.13	3.357	1	150	125.9	2.47	0.747	1	150
Waters Fished	105.0	2.85	0.186	1	9	25.4	1.76	0.170	1	5	130.4	2.64	0.158	1	9

Economic Impacts:

State of Arizona Economic Values (2.66%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$14,867,881	DIRECT EXPENDITURES	\$25,467,034
Food, Restaurant	\$5,471,982	TOTAL MULTIPLIER EFFECT	\$39,155,429
Lodging	\$2,102,806	SALARIES AND WAGES	\$15,024,799
Transportation	\$4,522,074	FULL-TIME & PART-TIME JOBS	533
Other	\$2,771,018	STATE TAX REVENUES	\$1,647,285
TOTAL EQUIPMENT	\$10,599,153		
Fishing	\$3,712,353		
Auxiliary	\$6,886,799		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Mohave County Economic Values (26.01%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$14,419,453	DIRECT EXPENDITURES	\$24,918,469
Food, Restaurant	\$4,031,939	TOTAL MULTIPLIER EFFECT	\$30,875,199
Lodging	\$2,051,625	SALARIES AND WAGES	\$5,520,111
Transportation	\$3,620,551	FULL-TIME & PART-TIME JOBS	525
Other	\$4,715,338	STATE TAX REVENUES	\$1,216,296
TOTAL EQUIPMENT	\$10,499,016		
Fishing	\$2,325,492		
Auxiliary	\$8,173,524		

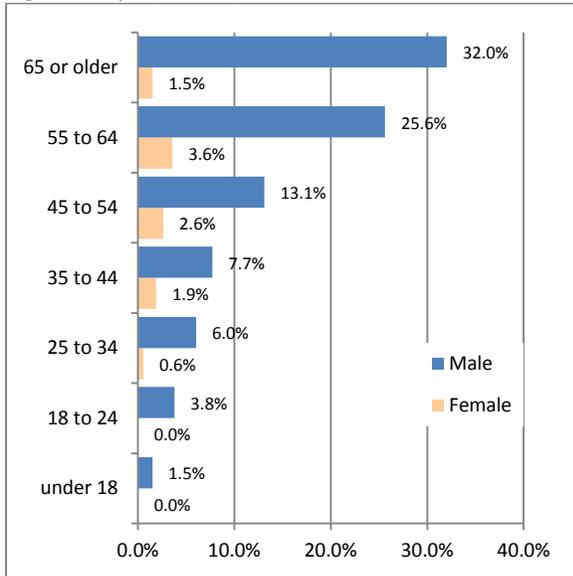
The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

Colorado River - Topock Area Angler Demographics:

Age/Gender	Male	Female	Total
n	117.1	13.3	130.4
%	89.8	10.2	100.0
Mean	56.2	53.9	56.0
Std. Error	1.398	3.285	1.298
Median	60	54	60

Household Income (<i>n=117.8</i>)	n	%
Under \$20,000	16.1	13.7
\$20,000 - \$39,999	27.3	23.2
\$40,000 - \$59,999	24.9	21.2
\$60,000 - \$79,999	14.9	12.7
\$80,000 - \$99,999	9.6	8.1
\$100,000 - \$119,999	14.2	12.0
\$120,000 or more	10.8	9.2

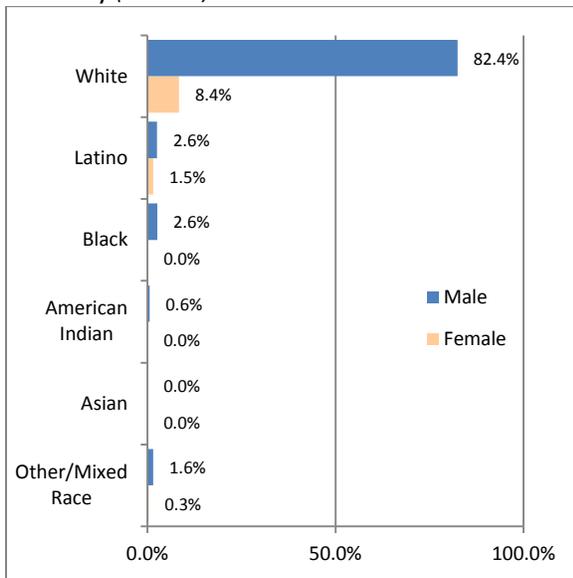
Age Groups (*n=130.4*)



State Residency (<i>n=130.4</i>)	n	%
AZ	104.5	80.2
CA	8.2	6.3
NV	2.8	2.2
OR	1.7	1.3
KY	1.5	1.1
OH	1.5	1.1
WI	1.4	1.1
MI	1.2	0.9
All Others	7.5	5.8

Arizona City (<i>n=104.5</i>)	n	%
BULLHEAD CITY	29.3	28.1
LAKE HAVASU CITY	12.5	11.9
MOHAVE VALLEY	10.4	9.9
KINGMAN	9.5	9.1
GLENDALE	6.1	5.8
GOLDEN VALLEY	5.9	5.7
FORT MOHAVE	5.5	5.2
PHOENIX	4.2	4.0
TUCSON	3.7	3.5
FT MOHAVE	3.5	3.3
FLAGSTAFF	2.0	1.9
WILLIAMS	1.8	1.8
YUMA	1.8	1.8
PAULDEN	1.6	1.6
TOPOCK	1.6	1.6
PRESCOTT	1.3	1.3
PRESCOTT VALLEY	1.2	1.2
MAYER	0.8	0.8
PARKER	0.5	0.5
All Others	1.2	1.2

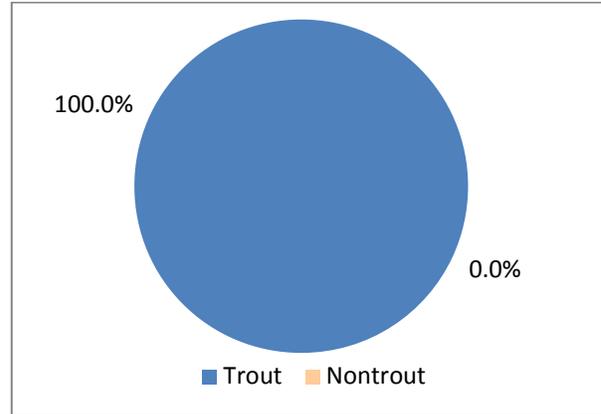
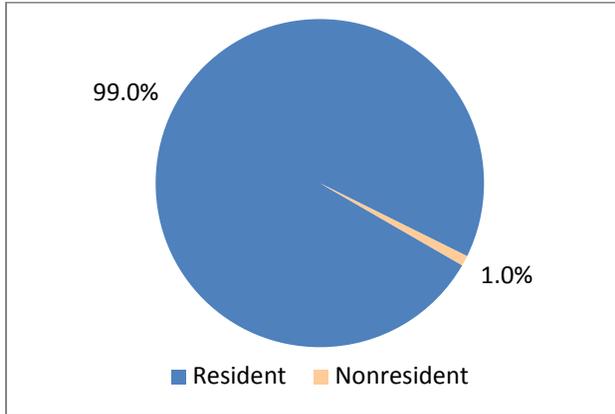
Ethnicity (*n=129.0*)



WOODS CANYON LAKE – 2013 ANGLING SUMMARY

Angler Activity:

Woods Canyon Lake Angler User Days = 155,019 (2.58% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	441.4	5.88	0.354	1	52	4.3	2.16	0.627	1	4	445.7	5.85	0.351	1	52
Fishing Trips	435.3	3.82	0.285	1	52	4.3	1.34	0.259	1	2	439.6	3.79	0.283	1	52
Days per Trip	435.3	2.10	0.102	1	25	4.3	1.82	0.702	1	4	439.6	2.10	0.102	1	25
Waters Fished	441.4	3.85	0.104	1	9	4.3	4.34	1.081	1	6	445.7	3.85	0.104	1	9

Economic Impacts:

State of Arizona Economic Values (2.58%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$14,420,727	DIRECT EXPENDITURES	\$24,701,108
Food, Restaurant	\$5,307,411	TOTAL MULTIPLIER EFFECT	\$37,977,822
Lodging	\$2,039,564	SALARIES AND WAGES	\$14,572,925
Transportation	\$4,386,072	FULL-TIME & PART-TIME JOBS	517
Other	\$2,687,679	STATE TAX REVENUES	\$1,597,743
TOTAL EQUIPMENT	\$10,280,381		
Fishing	\$3,600,704		
Auxiliary	\$6,679,677		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Coconino County Economic Values (17.55%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$12,596,240	DIRECT EXPENDITURES	\$17,217,509
Food, Restaurant	\$4,180,165	TOTAL MULTIPLIER EFFECT	\$21,249,672
Lodging	\$2,516,599	SALARIES AND WAGES	\$3,793,977
Transportation	\$3,230,269	FULL-TIME & PART-TIME JOBS	316
Other	\$2,669,207	STATE TAX REVENUES	\$1,020,801
TOTAL EQUIPMENT	\$4,621,269		
Fishing	\$1,741,781		
Auxiliary	\$2,879,488		

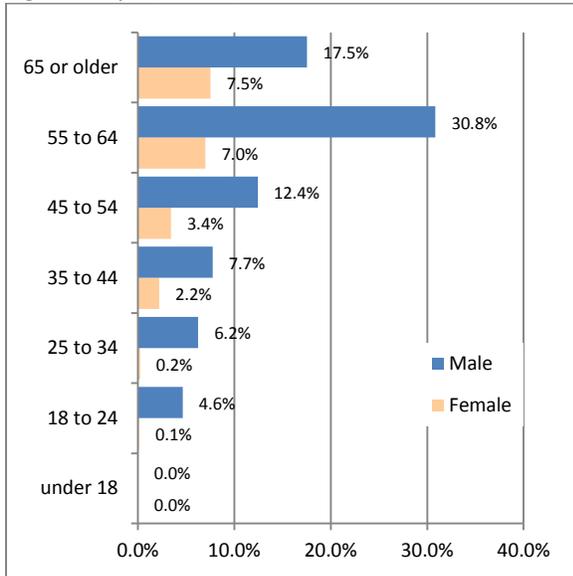
The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

Woods Canyon Lake Angler Demographics:

Age/Gender	Male	Female	Total
n	354.2	91.5	445.7
%	79.5	20.5	100.0
Mean	53.6	57.7	54.4
Std. Error	0.752	1.062	0.641
Median	58	61	58

Household Income (n=396.9)	n	%
Under \$20,000	24.8	6.2
\$20,000 - \$39,999	47.9	12.1
\$40,000 - \$59,999	65.7	16.5
\$60,000 - \$79,999	92.8	23.4
\$80,000 - \$99,999	59.3	14.9
\$100,000 - \$119,999	51.7	13.0
\$120,000 or more	54.8	13.8

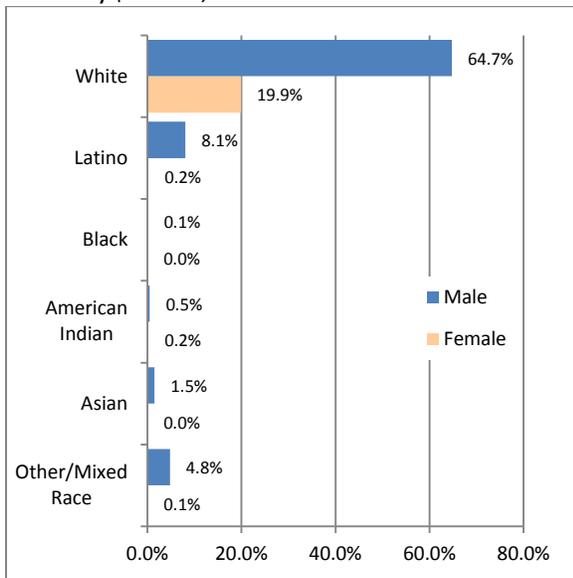
Age Groups (n=445.7)



State Residency (n=445.7)	n	%
AZ	441.2	99.0
MA	3.2	0.7
IL	1.1	0.2
WI	0.3	0.1

Arizona City (n=441.2)	n	%
PHOENIX	86.4	19.6
MESA	58.4	13.2
SCOTTSDALE	58.1	13.2
GLENDALE	51.4	11.7
GILBERT	26.6	6.0
CHANDLER	23.3	5.3
WADDELL	15.9	3.6
PAYSON	15.6	3.5
TUCSON	10.1	2.3
TEMPE	8.2	1.9
CASA GRANDE	7.6	1.7
EL MIRAGE	6.1	1.4
SUN CITY WEST	6.1	1.4
SHOW LOW	5.6	1.3
WINSLOW	4.2	0.9
MARICOPA	4.0	0.9
ELOY	2.6	0.6
SURPRISE	2.6	0.6
GOLD CANYON	2.4	0.6
PRESCOTT VALLEY	2.4	0.6
SAN TAN VALLEY	2.4	0.5
SUN LAKES	2.2	0.5
FLORENCE	2.1	0.5
AVONDALE	2.1	0.5
GOODYEAR	2.1	0.5
PEORIA	2.1	0.5
All Others	30.6	6.9

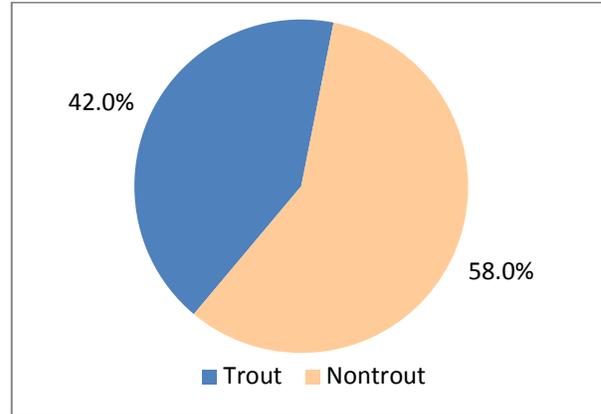
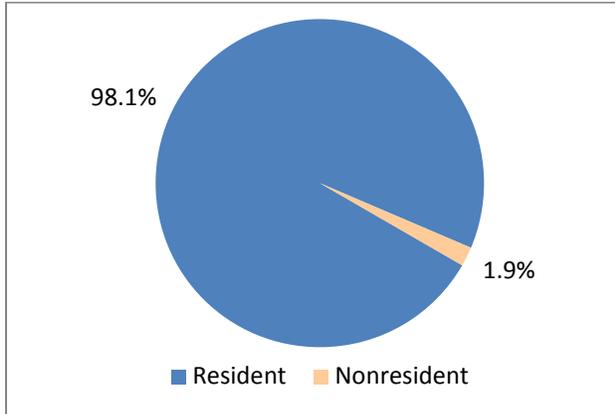
Ethnicity (n=443.0)



VETERANS OASIS LAKE – 2013 ANGLING SUMMARY

Angler Activity:

Veterans Oasis Lake Angler User Days = 152,476 (2.54% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	73.5	35.03	5.884	1	250	1.4	2.56	1.317	1	3	74.9	34.43	5.796	1	250
Fishing Trips	73.5	35.03	5.884	1	250	1.4	2.56	1.317	1	3	74.9	34.43	5.796	1	250
Days per Trip	73.5	1.00	0.000	1	1	1.4	1.00	0.000	1	1	74.9	1.00	0.000	1	1
Waters Fished	73.5	2.56	0.153	1	6	1.4	1.88	2.635	1	5	74.9	2.55	0.153	1	6

Economic Impacts:

State of Arizona Economic Values (2.54%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$14,197,150	DIRECT EXPENDITURES	\$24,318,145
Food, Restaurant	\$5,225,126	TOTAL MULTIPLIER EFFECT	\$37,389,019
Lodging	\$2,007,943	SALARIES AND WAGES	\$14,346,988
Transportation	\$4,318,071	FULL-TIME & PART-TIME JOBS	509
Other	\$2,646,010	STATE TAX REVENUES	\$1,572,972
TOTAL EQUIPMENT	\$10,120,995		
Fishing	\$3,544,879		
Auxiliary	\$6,576,116		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Maricopa County Economic Values (8.19%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$14,843,448	DIRECT EXPENDITURES	\$30,085,958
Food, Restaurant	\$6,134,965	TOTAL MULTIPLIER EFFECT	\$37,882,988
Lodging	\$814,537	SALARIES AND WAGES	\$7,574,746
Transportation	\$4,921,498	FULL-TIME & PART-TIME JOBS	396
Other	\$2,972,447	STATE TAX REVENUES	\$1,551,720
TOTAL EQUIPMENT	\$15,242,265		
Fishing	\$5,150,864		
Auxiliary	\$10,091,401		

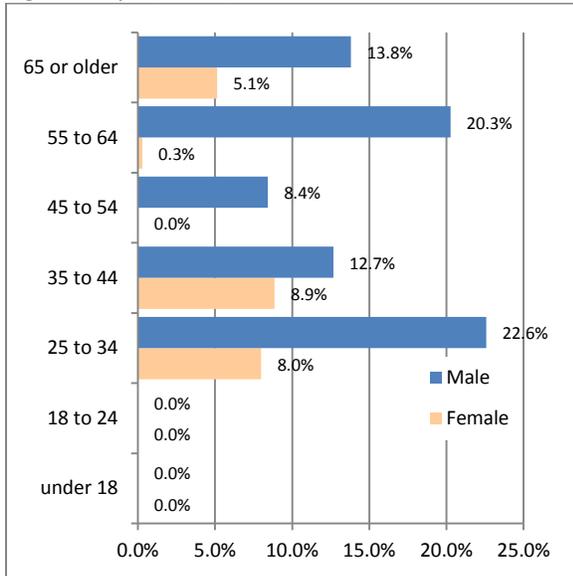
The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

Veterans Oasis Lake Angler Demographics:

Age/Gender	Male	Female	Total
n	58.2	16.7	74.9
%	77.7	22.3	100.0
Mean	48.1	43.1	47.0
Std. Error	1.924	3.286	1.672
Median	48	38	41

Household Income (n=70.4)	n	%
Under \$20,000	1.0	1.4
\$20,000 - \$39,999	26.9	38.3
\$40,000 - \$59,999	5.2	7.4
\$60,000 - \$79,999	13.3	18.8
\$80,000 - \$99,999	6.9	9.9
\$100,000 - \$119,999	2.6	3.6
\$120,000 or more	14.5	20.6

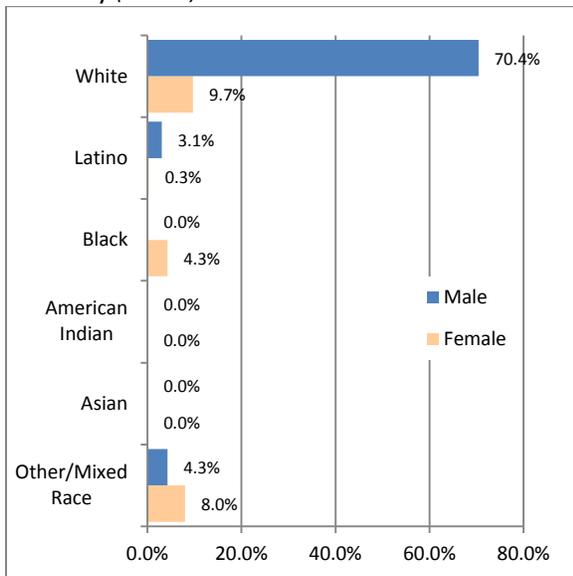
Age Groups (n=74.9)



State Residency (n=74.9)	n	%
AZ	73.5	98.1
CO	1.1	1.5
SD	0.3	0.4

Arizona City (n=73.5)	n	%
CHANDLER	41.0	55.8
GILBERT	9.3	12.7
MESA	6.0	8.1
PHOENIX	6.0	8.1
SAN TAN VALLEY	3.9	5.3
QUEEN CREEK	2.6	3.5
COOLIDGE	1.6	2.2
CASA GRANDE	1.3	1.8
FLORENCE	1.3	1.8
MARICOPA	0.3	0.4
PRESCOTT VALLEY	0.2	0.3

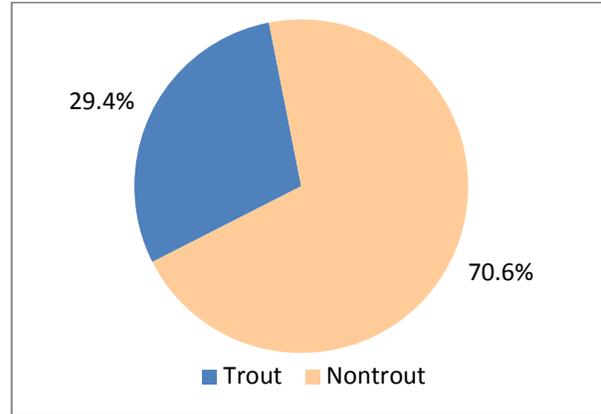
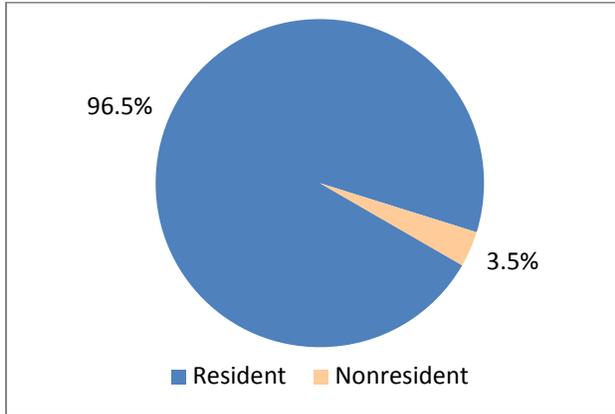
Ethnicity (n=74.9)



CANYON LAKE – 2013 ANGLING SUMMARY

Angler Activity:

Canyon Lake Angler User Days = 151,123 (2.51% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	469.0	5.25	0.351	1	87	16.9	3.95	1.526	1	30	485.9	5.20	0.343	1	87
Fishing Trips	466.4	4.69	0.343	1	87	16.9	3.43	1.537	1	30	483.3	4.65	0.335	1	87
Days per Trip	466.4	1.33	0.043	1	7	16.9	1.48	0.334	1	8	483.3	1.33	0.043	1	8
Waters Fished	469.0	3.58	0.094	1	9	16.9	2.72	0.492	1	7	485.9	3.55	0.093	1	9

Economic Impacts:

State of Arizona Economic Values (2.51%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$14,029,467	DIRECT EXPENDITURES	\$24,030,923
Food, Restaurant	\$5,163,412	TOTAL MULTIPLIER EFFECT	\$36,947,416
Lodging	\$1,984,227	SALARIES AND WAGES	\$14,177,536
Transportation	\$4,267,070	FULL-TIME & PART-TIME JOBS	503
Other	\$2,614,758	STATE TAX REVENUES	\$1,554,393
TOTAL EQUIPMENT	\$10,001,456		
Fishing	\$3,503,010		
Auxiliary	\$6,498,446		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Maricopa County Economic Values (8.11%)

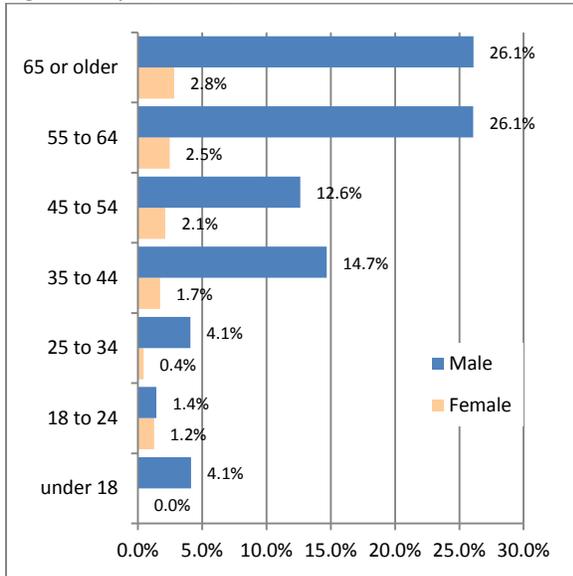
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$14,698,457	DIRECT EXPENDITURES	\$29,792,078
Food, Restaurant	\$6,075,039	TOTAL MULTIPLIER EFFECT	\$37,512,946
Lodging	\$806,581	SALARIES AND WAGES	\$7,500,755
Transportation	\$4,873,425	FULL-TIME & PART-TIME JOBS	392
Other	\$2,943,412	STATE TAX REVENUES	\$1,536,563
TOTAL EQUIPMENT	\$15,093,378		
Fishing	\$5,100,550		
Auxiliary	\$9,992,828		

The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

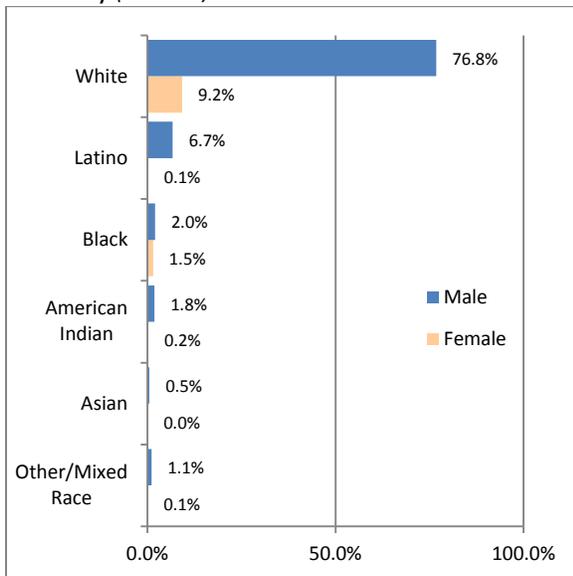
Canyon Lake Angler Demographics:

Age/Gender	Male	Female	Total
n	433.1	52.8	485.9
%	89.1	10.9	100.0
Mean	54.0	49.8	53.5
Std. Error	0.729	2.160	0.692
Median	58	53	58

Age Groups (n=485.9)



Ethnicity (n=477.4)



Household Income (n=394.1)	n	%
Under \$20,000	30.2	7.7
\$20,000 - \$39,999	41.3	10.5
\$40,000 - \$59,999	81.6	20.7
\$60,000 - \$79,999	107.0	27.1
\$80,000 - \$99,999	52.9	13.4
\$100,000 - \$119,999	30.3	7.7
\$120,000 or more	50.8	12.9

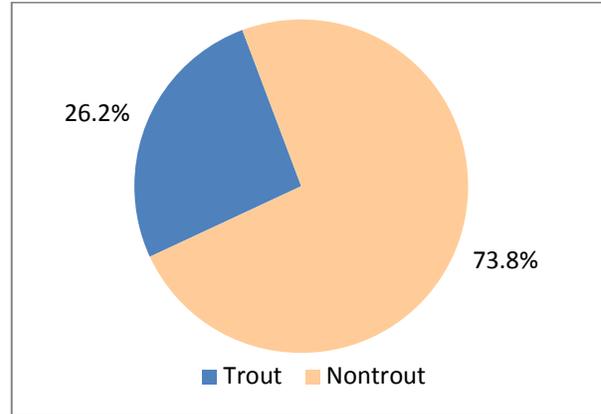
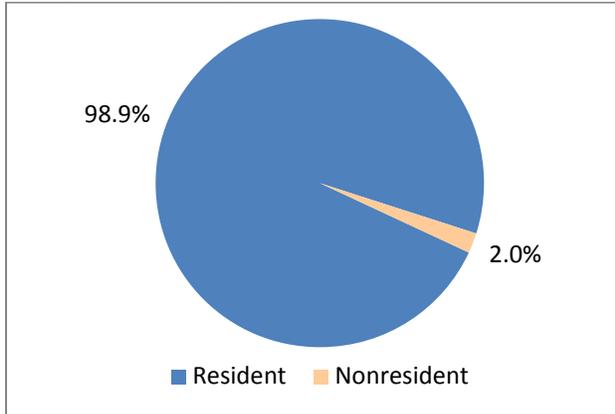
State Residency (n=485.9)	n	%
AZ	468.8	96.5
IL	3.3	0.7
WI	2.0	0.4
MA	1.7	0.4
All Others	10.1	2.1

Arizona City (n=468.8)	n	%
MESA	106.1	22.6
PHOENIX	72.9	15.5
GILBERT	53.8	11.5
CHANDLER	31.7	6.8
SCOTTSDALE	31.5	6.7
TUCSON	22.7	4.8
QUEEN CREEK	20.3	4.3
GLENDALE	18.2	3.9
TEMPE	15.3	3.3
SAN TAN VALLEY	13.6	2.9
PEORIA	11.3	2.4
GOLD CANYON	7.2	1.5
FLORENCE	7.0	1.5
CASA GRANDE	6.5	1.4
NEW RIVER	6.1	1.3
APACHE JUNCTION	5.1	1.1
MARANA	4.0	0.9
MARICOPA	3.2	0.7
ELOY	2.5	0.5
SIERRA VISTA	2.1	0.5
All Others	27.7	5.9

PATAGONIA LAKE – 2013 ANGLING SUMMARY

Angler Activity:

Patagonia Lake Angler User Days = 149,332 (2.48% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	318.3	7.77	0.871	1	259	6.6	4.65	2.864	1	25	324.9	7.70	0.855	1	259
Fishing Trips	311.6	5.29	0.776	1	259	6.6	1.87	0.519	1	5	318.2	5.22	0.760	1	259
Days per Trip	311.6	1.95	0.074	1	10	6.6	2.19	0.844	1	6	318.2	1.95	0.074	1	10
Waters Fished	318.3	2.86	0.093	1	9	6.6	1.43	0.380	1	5	324.9	2.83	0.093	1	9

Economic Impacts:

State of Arizona Economic Values (2.48%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$13,861,784	DIRECT EXPENDITURES	\$23,743,701
Food, Restaurant	\$5,101,697	TOTAL MULTIPLIER EFFECT	\$36,505,813
Lodging	\$1,960,511	SALARIES AND WAGES	\$14,008,083
Transportation	\$4,216,069	FULL-TIME & PART-TIME JOBS	497
Other	\$2,583,506	STATE TAX REVENUES	\$1,535,815
TOTAL EQUIPMENT	\$9,881,917		
Fishing	\$3,461,142		
Auxiliary	\$6,420,775		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Santa Cruz County Economic Values (85.38%)

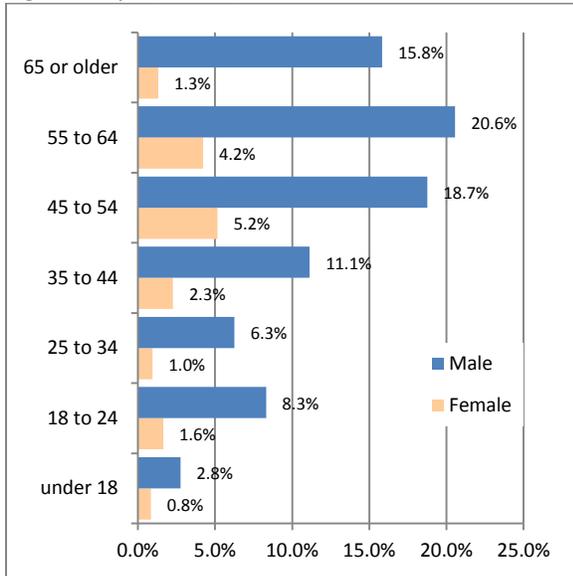
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$14,091,661	DIRECT EXPENDITURES	\$33,677,931
Food, Restaurant	\$2,934,443	TOTAL MULTIPLIER EFFECT	\$40,461,975
Lodging	\$5,299,690	SALARIES AND WAGES	\$6,541,757
Transportation	\$3,513,939	FULL-TIME & PART-TIME JOBS	526
Other	\$2,343,588	STATE TAX REVENUES	\$2,228,801
TOTAL EQUIPMENT	\$19,586,270		
Fishing	\$11,285,286		
Auxiliary	\$8,300,984		

The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

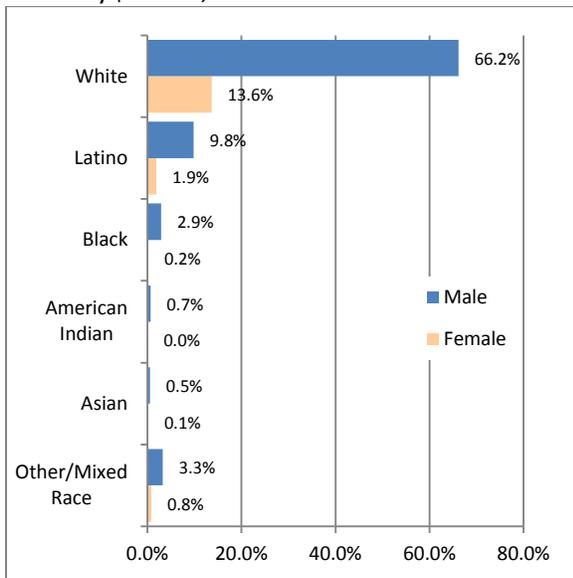
Patagonia Lake Angler Demographics:

Age/Gender	Male	Female	Total
n	271.6	53.3	324.9
%	83.6	16.4	100.0
Mean	49.2	46.9	48.8
Std. Error	1.000	2.006	0.899
Median	52	50	51

Age Groups (n=324.9)



Ethnicity (n=320.1)



Household Income (n=266.5)	n	%
Under \$20,000	25.9	9.7
\$20,000 - \$39,999	51.5	19.3
\$40,000 - \$59,999	51.9	19.5
\$60,000 - \$79,999	40.1	15.1
\$80,000 - \$99,999	44.2	16.6
\$100,000 - \$119,999	23.0	8.6
\$120,000 or more	30.0	11.3

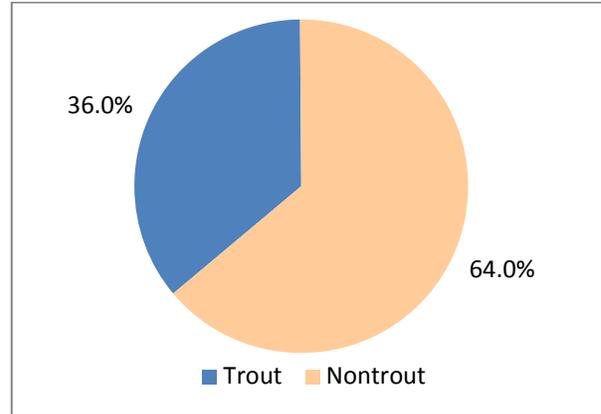
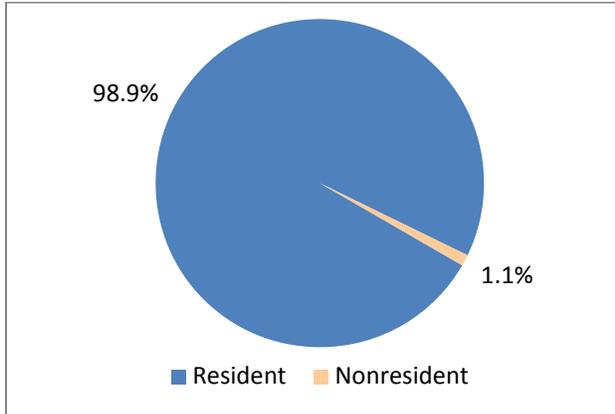
State Residency (n=324.9)	n	%
AZ	317.9	97.8
MN	1.9	0.6
TX	1.5	0.5
NE	1.1	0.3
All Others	2.6	0.8

Arizona City (n=317.9)	n	%
TUCSON	187.3	58.9
SIERRA VISTA	33.4	10.5
VAIL	20.2	6.4
HUACHUCA CITY	9.9	3.1
SAHUARITA	9.2	2.9
HEREFORD	8.4	2.6
MARANA	7.9	2.5
GREEN VALLEY	5.1	1.6
RIO RICO	4.7	1.5
BENSON	3.3	1.0
CASA GRANDE	2.9	0.9
MESA	2.1	0.7
FORT HUACHUCA	1.8	0.6
NOGALES	1.8	0.6
BISBEE	1.7	0.5
PATAGONIA	1.7	0.5
ORO VALLEY	1.6	0.5
TOMBSTONE	1.5	0.5
SAINT DAVID	1.3	0.4
CORONA DE TUCSON	1.1	0.4
SONOITA	1.1	0.4
All Others	9.8	3.1

RED MOUNTAIN LAKE – 2013 ANGLING SUMMARY

Angler Activity:

Red Mountain Lake Angler User Days = 148,028 (2.46% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	106.4	23.41	5.536	1	250	1.2	3.50	2.332	2	5	107.6	23.19	5.476	1	250
Fishing Trips	106.4	23.37	5.537	1	250	1.2	3.50	2.332	2	5	107.6	23.15	5.477	1	250
Days per Trip	106.4	1.02	0.013	1	2	1.2	1.00	0.000	1	1	107.6	1.02	0.013	1	2
Waters Fished	106.4	2.84	0.149	1	9	1.2	3.25	2.273	2	5	107.6	2.85	0.148	1	9

Economic Impacts:

State of Arizona Economic Values (2.46%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$13,749,995	DIRECT EXPENDITURES	\$23,552,219
Food, Restaurant	\$5,060,555	TOTAL MULTIPLIER EFFECT	\$36,211,412
Lodging	\$1,944,701	SALARIES AND WAGES	\$13,895,115
Transportation	\$4,182,069	FULL-TIME & PART-TIME JOBS	493
Other	\$2,562,671	STATE TAX REVENUES	\$1,523,429
TOTAL EQUIPMENT	\$9,802,224		
Fishing	\$3,433,229		
Auxiliary	\$6,368,995		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Maricopa County Economic Values (7.95%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$14,408,475	DIRECT EXPENDITURES	\$29,204,319
Food, Restaurant	\$5,955,186	TOTAL MULTIPLIER EFFECT	\$36,772,864
Lodging	\$790,668	SALARIES AND WAGES	\$7,352,775
Transportation	\$4,777,278	FULL-TIME & PART-TIME JOBS	384
Other	\$2,885,343	STATE TAX REVENUES	\$1,506,248
TOTAL EQUIPMENT	\$14,795,605		
Fishing	\$4,999,923		
Auxiliary	\$9,795,682		

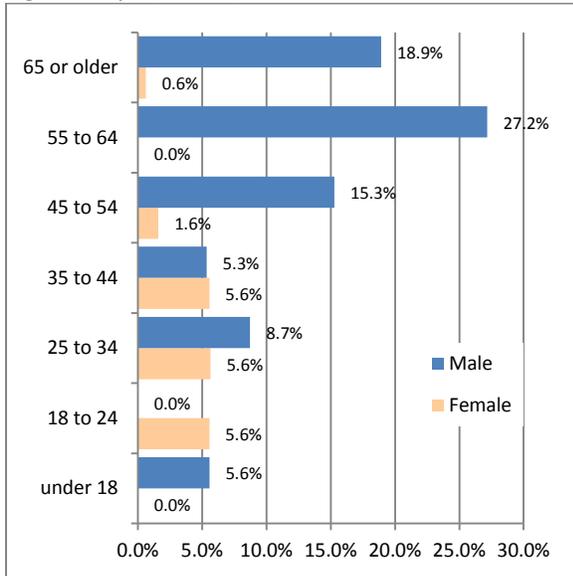
The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

Red Mountain Lake Angler Demographics:

Age/Gender	Male	Female	Total
n	87.2	20.4	107.6
%	81.0	19.0	100.0
Mean	51.5	31.7	47.7
Std. Error	1.587	2.688	1.569
Median	55	30	49

Household Income (<i>n=86.6</i>)	n	%
Under \$20,000	9.1	10.5
\$20,000 - \$39,999	19.6	22.6
\$40,000 - \$59,999	16.0	18.5
\$60,000 - \$79,999	16.4	18.9
\$80,000 - \$99,999	16.7	19.3
\$100,000 - \$119,999	0.0	0.0
\$120,000 or more	8.8	10.2

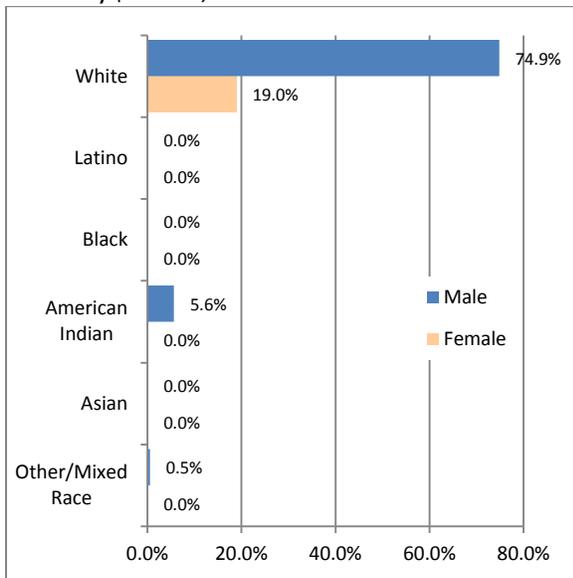
Age Groups (*n=107.6*)



State Residency (<i>n=107.6</i>)	n	%
AZ	105.0	97.5
IA	0.5	0.4
IL	0.5	0.4
MN	0.5	0.4
MT	0.3	0.3
NH	0.3	0.3
SD	0.3	0.3
WA	0.3	0.3

Arizona City (<i>n=105.0</i>)	n	%
MESA	81.3	77.5
CHANDLER	12.0	11.4
APACHE JUNCTION	2.6	2.5
GILBERT	2.6	2.4
SAHUARITA	1.7	1.6
GOLD CANYON	1.3	1.2
SAN TAN VALLEY	0.9	0.9
COOLIDGE	0.6	0.6
ELOY	0.6	0.6
TUCSON	0.6	0.5
PRESCOTT	0.4	0.4
FLORENCE	0.3	0.3

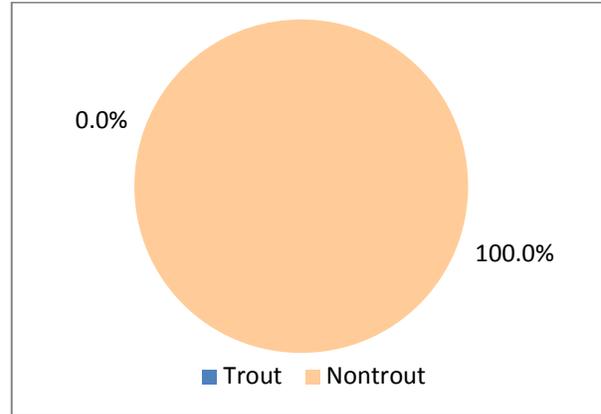
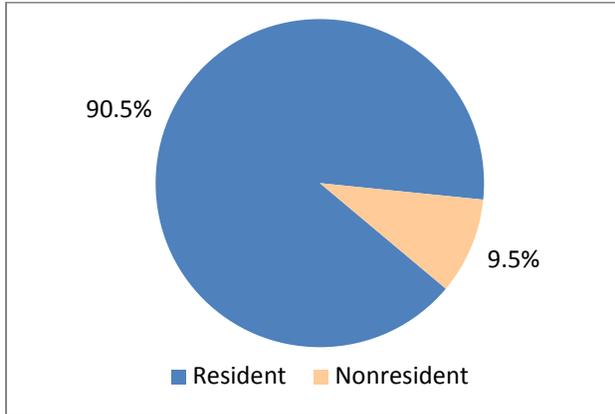
Ethnicity (*n=107.6*)



LAKE POWELL – 2013 ANGLING SUMMARY

Angler Activity:

Lake Powell Angler User Days = 130,377 (2.17% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	195.7	10.70	1.563	1	200	20.6	3.91	0.659	1	20	216.3	10.06	1.421	1	200
Fishing Trips	192.2	6.02	1.339	1	200	20.6	1.42	0.237	1	7	212.8	5.57	1.213	1	200
Days per Trip	192.2	2.91	0.185	1	30	20.6	3.00	0.374	1	7	212.8	2.92	0.170	1	30
Waters Fished	195.7	3.63	0.155	1	9	20.6	1.70	0.207	1	5	216.3	3.44	0.147	1	9

Economic Impacts:

State of Arizona Economic Values (2.17%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$12,129,061	DIRECT EXPENDITURES	\$20,775,738
Food, Restaurant	\$4,463,985	TOTAL MULTIPLIER EFFECT	\$31,942,587
Lodging	\$1,715,447	SALARIES AND WAGES	\$12,257,073
Transportation	\$3,689,061	FULL-TIME & PART-TIME JOBS	435
Other	\$2,260,568	STATE TAX REVENUES	\$1,343,838
TOTAL EQUIPMENT	\$8,646,677		
Fishing	\$3,028,499		
Auxiliary	\$5,618,178		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Coconino County Economic Values (14.76%)

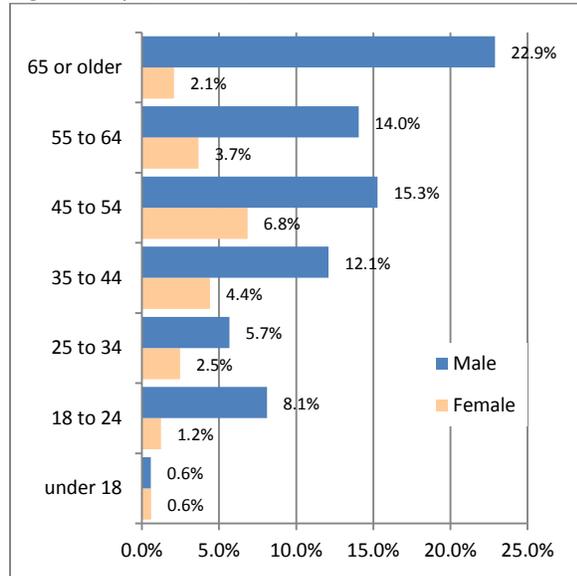
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$10,593,761	DIRECT EXPENDITURES	\$14,480,366
Food, Restaurant	\$3,515,626	TOTAL MULTIPLIER EFFECT	\$17,871,519
Lodging	\$2,116,524	SALARIES AND WAGES	\$3,190,832
Transportation	\$2,716,739	FULL-TIME & PART-TIME JOBS	266
Other	\$2,244,871	STATE TAX REVENUES	\$858,520
TOTAL EQUIPMENT	\$3,886,606		
Fishing	\$1,464,882		
Auxiliary	\$2,421,723		

The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

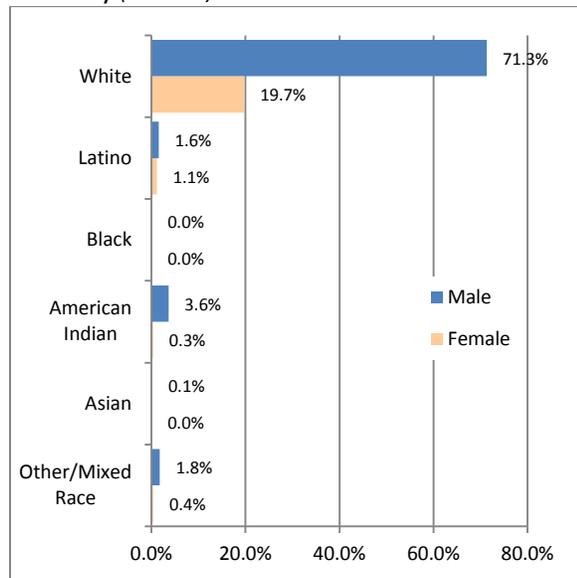
Lake Powell Angler Demographics:

Age/Gender	Male	Female	Total
n	170.2	46.2	216.3
%	78.7	21.3	100.0
Mean	51.2	46.5	50.2
Std. Error	1.255	2.128	1.092
Median	54	51	52

Age Groups (n=216.3)



Ethnicity (n=213.3)



Household Income (n=191.0)	n	%
Under \$20,000	10.0	5.2
\$20,000 - \$39,999	16.2	8.5
\$40,000 - \$59,999	29.1	15.2
\$60,000 - \$79,999	41.2	21.6
\$80,000 - \$99,999	35.0	18.3
\$100,000 - \$119,999	31.1	16.3
\$120,000 or more	28.6	15.0

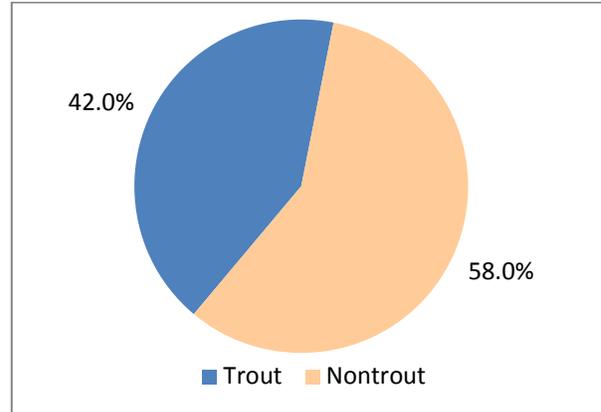
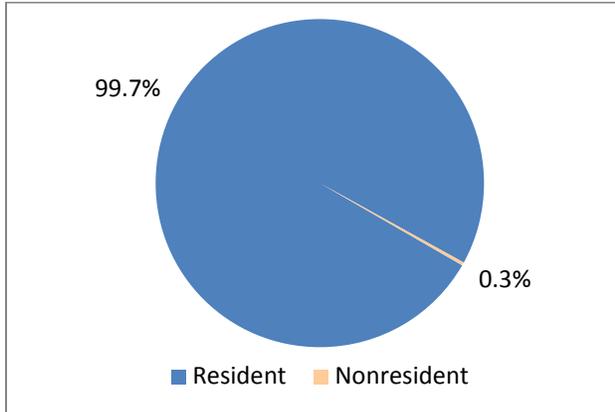
State Residency (n=216.3)	n	%
AZ	195.0	90.1
ID	4.6	2.1
NV	4.5	2.1
CO	3.3	1.5
MA	1.9	0.9
KS	1.5	0.7
All Others	5.6	2.6

Arizona City (n=195.0)	n	%
FLAGSTAFF	35.7	18.3
GLENDALE	18.2	9.3
PAGE	16.8	8.6
MESA	11.0	5.6
PHOENIX	10.4	5.3
SCOTTSDALE	9.8	5.0
TUCSON	8.7	4.5
CHANDLER	6.1	3.1
SUN LAKES	6.1	3.1
TEMPE	6.1	3.1
WADDELL	6.1	3.1
PRESCOTT	4.7	2.4
COTTONWOOD	4.4	2.3
GILBERT	4.2	2.2
CAMP VERDE	3.3	1.7
TONALEA	3.2	1.6
LAKE HAVASU CITY	3.1	1.6
SEDONA	2.9	1.5
PRESCOTT VALLEY	2.9	1.5
CORNVILLE	2.4	1.2
SNOWFLAKE	2.2	1.1
VAIL	1.7	0.9
RIMROCK	1.7	0.9
All Others	23.3	11.9

SILVERBELL LAKE – 2013 ANGLING SUMMARY

Angler Activity:

Silverbell Lake Angler User Days = 129,777 (2.16% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	111.3	19.63	3.845	1	224	0.3	2.00	-	2	2	111.6	19.58	3.835	1	224
Fishing Trips	111.3	19.56	3.848	1	224	0.3	2.00	-	2	2	111.6	19.51	3.838	1	224
Days per Trip	111.3	1.06	0.025	1	3	0.3	1.00	-	1	1	111.6	1.06	0.025	1	3
Waters Fished	111.3	2.70	0.171	1	9	0.3	5.00	-	5	5	111.6	2.70	0.171	1	9

Economic Impacts:

State of Arizona Economic Values (2.16%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$12,073,167	DIRECT EXPENDITURES	\$20,679,997
Food, Restaurant	\$4,443,414	TOTAL MULTIPLIER EFFECT	\$31,795,386
Lodging	\$1,707,542	SALARIES AND WAGES	\$12,200,588
Transportation	\$3,672,060	FULL-TIME & PART-TIME JOBS	433
Other	\$2,250,150	STATE TAX REVENUES	\$1,337,645
TOTAL EQUIPMENT	\$8,606,831		
Fishing	\$3,014,543		
Auxiliary	\$5,592,288		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Pima County Economic Values (54.11%)

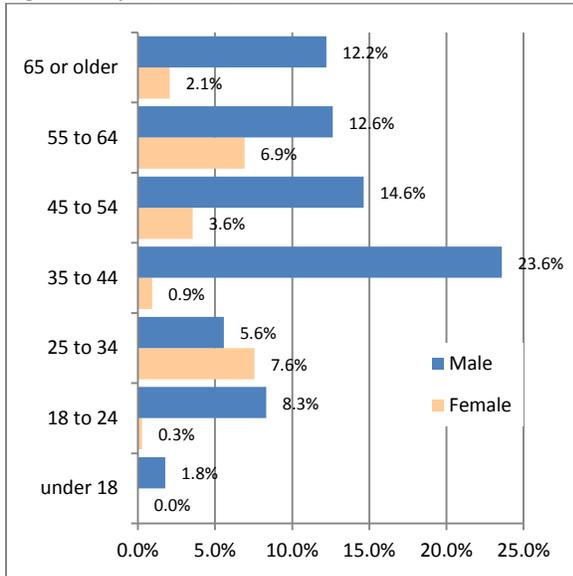
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$10,179,470	DIRECT EXPENDITURES	\$22,451,010
Food, Restaurant	\$4,261,341	TOTAL MULTIPLIER EFFECT	\$27,897,705
Lodging	\$626,164	SALARIES AND WAGES	\$4,862,171
Transportation	\$3,990,622	FULL-TIME & PART-TIME JOBS	315
Other	\$1,301,343	STATE TAX REVENUES	\$1,434,739
TOTAL EQUIPMENT	\$12,271,540		
Fishing	\$4,230,576		
Auxiliary	\$8,040,964		

The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

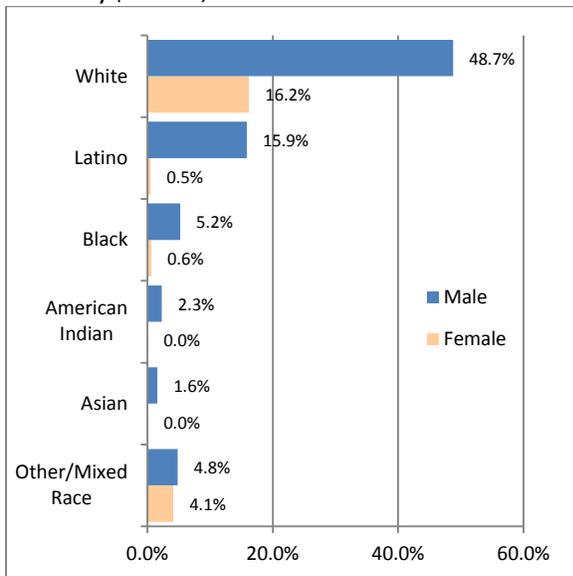
Silverbell Lake Angler Demographics:

Age/Gender	Male	Female	Total
n	87.8	23.8	111.6
%	78.7	21.3	100.0
Mean	45.6	47.3	45.9
Std. Error	1.631	3.161	1.444
Median	45	53	45

Age Groups (n=111.6)



Ethnicity (n=108.4)



Household Income (n=94.7)	n	%
Under \$20,000	10.0	10.6
\$20,000 - \$39,999	30.9	32.7
\$40,000 - \$59,999	18.6	19.6
\$60,000 - \$79,999	18.4	19.5
\$80,000 - \$99,999	6.9	7.2
\$100,000 - \$119,999	5.7	6.0
\$120,000 or more	4.2	4.4

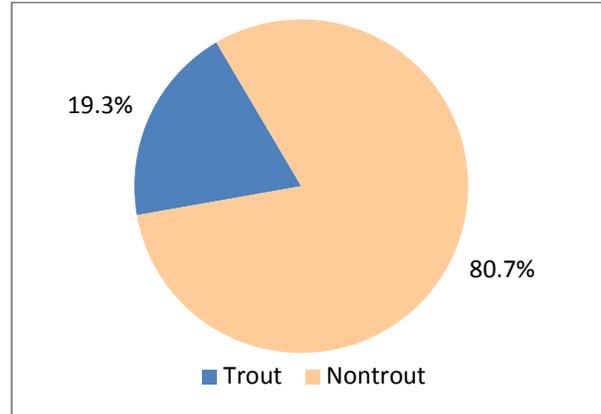
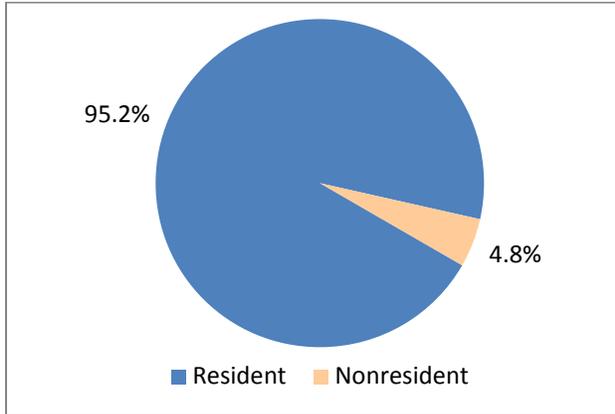
State Residency (n=111.6)	n	%
AZ	109.4	98.0
AK	0.5	0.4
MA	0.5	0.4
MD	0.5	0.4
MN	0.5	0.4
VA	0.3	0.3

Arizona City (n=109.4)	n	%
TUCSON	94.6	86.5
PHOENIX	6.1	5.6
MARANA	5.0	4.6
KINGMAN	0.8	0.7
CASA GRANDE	0.6	0.6
GREEN VALLEY	0.6	0.5
SIERRA VISTA	0.5	0.5
SAN MANUEL	0.3	0.3
WINSLOW	0.3	0.3
PRESCOTT VALLEY	0.2	0.2
ELFRIDA	0.2	0.2
WINKELMAN	0.2	0.2

APACHE LAKE – 2013 ANGLING SUMMARY

Angler Activity:

Apache Lake Angler User Days = 128,950 (2.15% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	336.7	6.05	0.622	1	180	16.9	6.64	1.651	1	20	353.6	6.08	0.598	1	180
Fishing Trips	332.6	3.33	0.246	1	70	16.9	5.66	1.684	1	20	349.5	3.44	0.248	1	70
Days per Trip	332.6	1.94	0.110	1	36	16.9	1.45	0.176	1	3	349.5	1.92	0.105	1	36
Waters Fished	336.7	3.96	0.114	1	9	16.9	2.69	0.515	1	7	353.6	3.89	0.112	1	9

Economic Impacts:

State of Arizona Economic Values (2.15%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$12,017,272	DIRECT EXPENDITURES	\$20,584,257
Food, Restaurant	\$4,422,843	TOTAL MULTIPLIER EFFECT	\$31,648,185
Lodging	\$1,699,637	SALARIES AND WAGES	\$12,144,104
Transportation	\$3,655,060	FULL-TIME & PART-TIME JOBS	431
Other	\$2,239,733	STATE TAX REVENUES	\$1,331,453
TOTAL EQUIPMENT	\$8,566,984		
Fishing	\$3,000,586		
Auxiliary	\$5,566,398		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Maricopa County Economic Values (6.92%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$12,541,717	DIRECT EXPENDITURES	\$25,420,614
Food, Restaurant	\$5,183,634	TOTAL MULTIPLIER EFFECT	\$32,008,581
Lodging	\$688,229	SALARIES AND WAGES	\$6,400,151
Transportation	\$4,158,335	FULL-TIME & PART-TIME JOBS	334
Other	\$2,511,518	STATE TAX REVENUES	\$1,311,099
TOTAL EQUIPMENT	\$12,878,690		
Fishing	\$4,352,134		
Auxiliary	\$8,526,556		

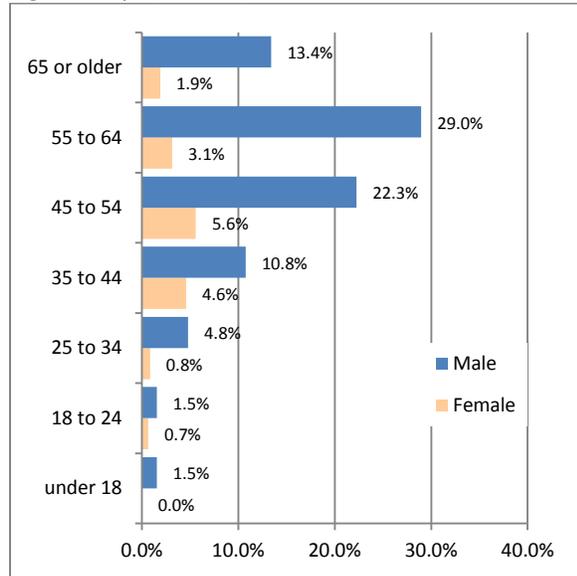
The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

Apache Lake Angler Demographics:

Age/Gender	Male	Female	Total
n	294.5	59.2	353.6
%	83.3	16.7	100.0
Mean	53.2	48.0	52.3
Std. Error	0.766	1.573	0.697
Median	55	51	54

Household Income (n=302.3)	n	%
Under \$20,000	19.3	6.4
\$20,000 - \$39,999	28.5	9.4
\$40,000 - \$59,999	81.7	27.0
\$60,000 - \$79,999	49.1	16.2
\$80,000 - \$99,999	40.0	13.2
\$100,000 - \$119,999	34.1	11.3
\$120,000 or more	49.8	16.5

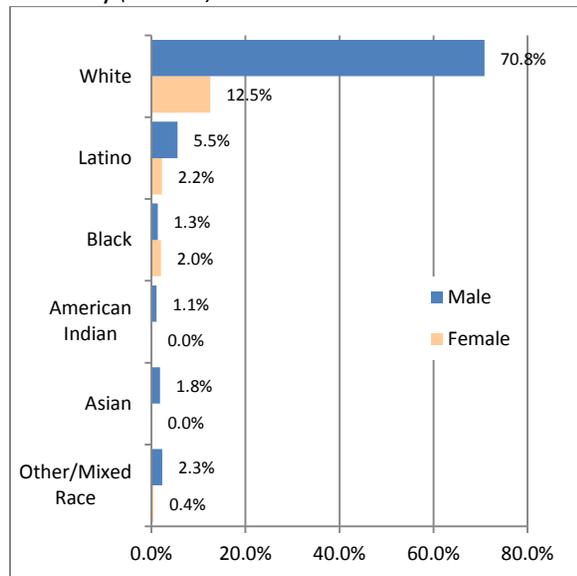
Age Groups (n=353.6)



State Residency (n=353.6)	n	%
AZ	341.0	96.4
MA	3.6	1.0
VA	1.8	0.5
All Others	7.3	2.1

Arizona City (n=341.0)	n	%
TUCSON	61.1	17.9
MESA	39.7	11.6
PHOENIX	34.0	10.0
GILBERT	27.5	8.1
SCOTTSDALE	24.9	7.3
CHANDLER	18.2	5.3
PAYSON	11.3	3.3
QUEEN CREEK	10.3	3.0
SAN TAN VALLEY	8.0	2.3
MARANA	7.4	2.2
WADDELL	6.8	2.0
GLENDALE	6.1	1.8
TEMPE	6.1	1.8
CASA GRANDE	6.1	1.8
FLAGSTAFF	5.4	1.6
GLOBE	4.7	1.4
SAFFORD	3.5	1.0
SEDONA	3.1	0.9
FLORENCE	3.1	0.9
ORACLE	2.6	0.8
VAIL	2.6	0.8
LAKESIDE	2.4	0.7
SHOW LOW	2.4	0.7
TONTO BASIN	2.3	0.7
APACHE JUNCTION	2.3	0.7
All Others	39.2	11.5

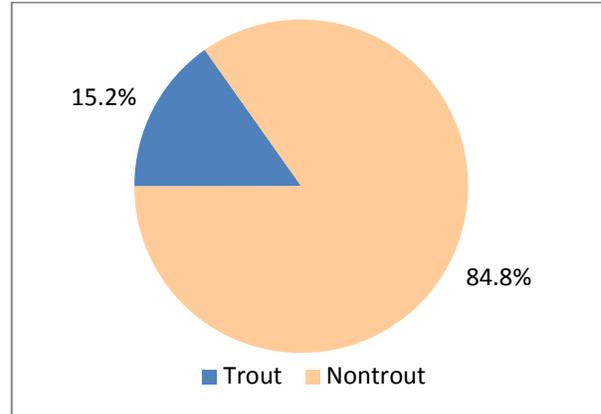
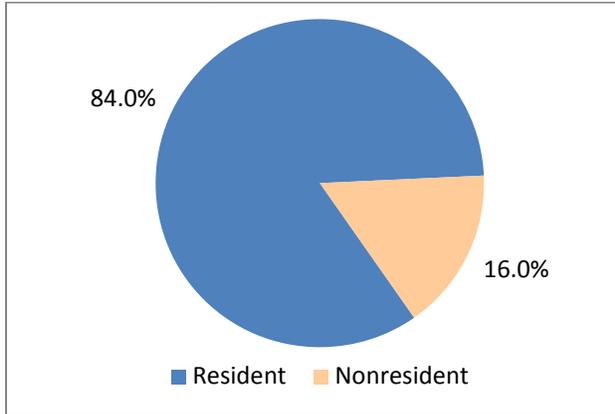
Ethnicity (n=335.3)



LAKE MOHAVE – 2013 ANGLING SUMMARY

Angler Activity:

Lake Mohave Angler User Days = 125,215 (2.08% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	94.6	19.77	3.149	1	200	18.0	11.14	5.902	1	180	112.6	18.39	2.815	1	200
Fishing Trips	87.8	15.07	2.839	1	200	18.0	8.38	5.746	1	180	105.8	13.93	2.552	1	200
Days per Trip	87.8	1.90	0.246	1	21	18.0	2.15	0.421	1	8	105.8	1.94	0.216	1	21
Waters Fished	94.6	2.85	0.176	1	9	18.0	2.48	0.413	1	7	112.6	2.79	0.162	1	9

Economic Impacts:

State of Arizona Economic Values (2.08%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$11,626,012	DIRECT EXPENDITURES	\$19,914,071
Food, Restaurant	\$4,278,843	TOTAL MULTIPLIER EFFECT	\$30,617,779
Lodging	\$1,644,300	SALARIES AND WAGES	\$11,748,715
Transportation	\$3,536,058	FULL-TIME & PART-TIME JOBS	417
Other	\$2,166,811	STATE TAX REVENUES	\$1,288,103
TOTAL EQUIPMENT	\$8,288,059		
Fishing	\$2,902,893		
Auxiliary	\$5,385,166		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Mohave County Economic Values (20.34%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$11,276,112	DIRECT EXPENDITURES	\$19,486,415
Food, Restaurant	\$3,153,004	TOTAL MULTIPLIER EFFECT	\$24,144,619
Lodging	\$1,604,385	SALARIES AND WAGES	\$4,316,765
Transportation	\$2,831,296	FULL-TIME & PART-TIME JOBS	410
Other	\$3,687,427	STATE TAX REVENUES	\$951,152
TOTAL EQUIPMENT	\$8,210,303		
Fishing	\$1,818,551		
Auxiliary	\$6,391,753		

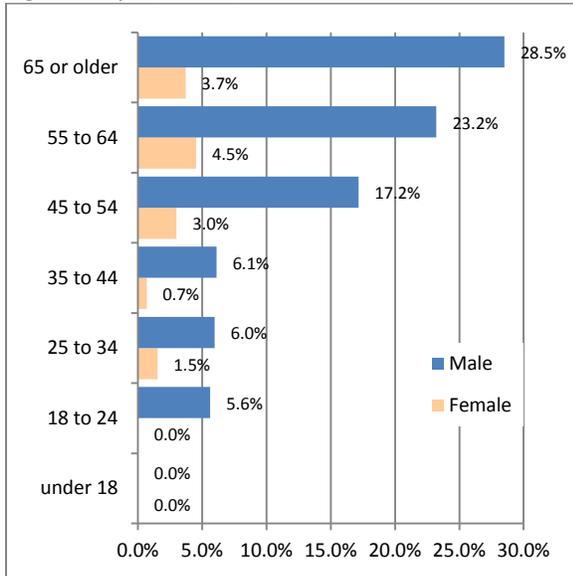
The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

Lake Mohave Angler Demographics:

Age/Gender	Male	Female	Total
n	97.5	15.1	112.6
%	86.6	13.4	100.0
Mean	55.2	56.1	55.3
Std. Error	1.543	3.376	1.406
Median	59	58	59

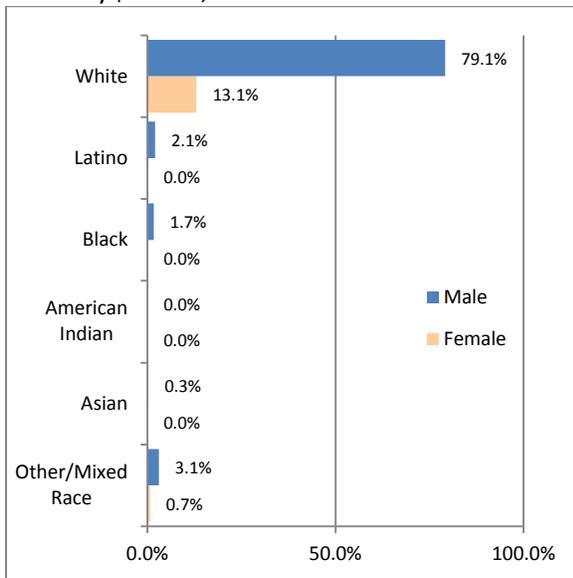
Household Income (n=106.5)	n	%
Under \$20,000	13.0	12.2
\$20,000 - \$39,999	27.5	25.8
\$40,000 - \$59,999	22.1	20.8
\$60,000 - \$79,999	17.4	16.3
\$80,000 - \$99,999	5.6	5.3
\$100,000 - \$119,999	7.8	7.3
\$120,000 or more	13.1	12.3

Age Groups (n=112.6)



State Residency (n=112.6)	n	%
AZ	94.4	83.8
CA	5.7	5.1
NV	2.9	2.5
MA	1.5	1.3
ME	1.5	1.3
WA	1.5	1.3
LA	1.1	1.0
MN	1.1	1.0
WI	0.8	0.7
All Others	2.2	2.0

Ethnicity (n=109.9)

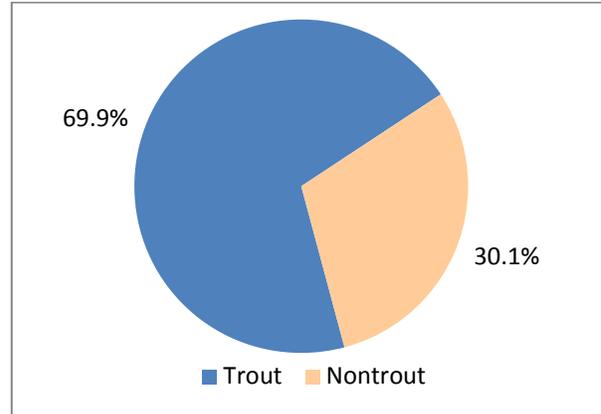
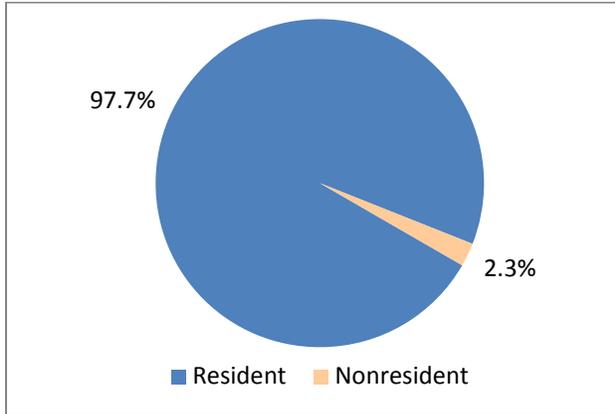


Arizona City (n=94.4)	n	%
BULLHEAD CITY	32.1	34.0
KINGMAN	16.7	17.7
GLENDALE	8.6	9.1
LAKE HAVASU CITY	8.3	8.8
GOLDEN VALLEY	6.1	6.4
MOHAVE VALLEY	4.9	5.1
PRESCOTT	3.7	3.9
FT MOHAVE	3.1	3.3
FORT MOHAVE	2.9	3.1
MEADVIEW	2.3	2.4
FLAGSTAFF	0.9	1.0
PAULDEN	0.8	0.9
CORNVILLE	0.8	0.8
PRESCOTT VALLEY	0.8	0.8
DOLAN SPRINGS	0.8	0.8
WILLOW BEACH	0.8	0.8
YUMA	0.5	0.6
PARKER	0.3	0.3
TUMACACORI	0.1	0.1

WILLOW SPRINGS LAKE – 2013 ANGLING SUMMARY

Angler Activity:

Willow Springs Lake Angler User Days = 121,239 (2.02% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	396.8	5.06	0.390	1	110	9.2	2.66	1.106	1	18	406.0	5.01	0.382	1	110
Fishing Trips	390.3	3.99	0.369	1	110	9.2	2.37	1.131	1	18	399.5	3.95	0.361	1	110
Days per Trip	390.3	1.56	0.077	1	15	9.2	1.29	0.204	1	3	399.5	1.55	0.075	1	15
Waters Fished	396.8	3.93	0.109	1	9	9.2	4.05	0.821	1	7	406.0	3.93	0.108	1	9

Economic Impacts:

State of Arizona Economic Values (2.02%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$11,290,646	DIRECT EXPENDITURES	\$19,339,627
Food, Restaurant	\$4,155,415	TOTAL MULTIPLIER EFFECT	\$29,734,574
Lodging	\$1,596,868	SALARIES AND WAGES	\$11,409,809
Transportation	\$3,434,056	FULL-TIME & PART-TIME JOBS	405
Other	\$2,104,307	STATE TAX REVENUES	\$1,250,946
TOTAL EQUIPMENT	\$8,048,981		
Fishing	\$2,819,156		
Auxiliary	\$5,229,825		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Coconino County Economic Values (13.72%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$9,847,317	DIRECT EXPENDITURES	\$13,460,069
Food, Restaurant	\$3,267,913	TOTAL MULTIPLIER EFFECT	\$16,612,279
Lodging	\$1,967,393	SALARIES AND WAGES	\$2,966,003
Transportation	\$2,525,315	FULL-TIME & PART-TIME JOBS	247
Other	\$2,086,696	STATE TAX REVENUES	\$798,028
TOTAL EQUIPMENT	\$3,612,753		
Fishing	\$1,361,666		
Auxiliary	\$2,251,087		

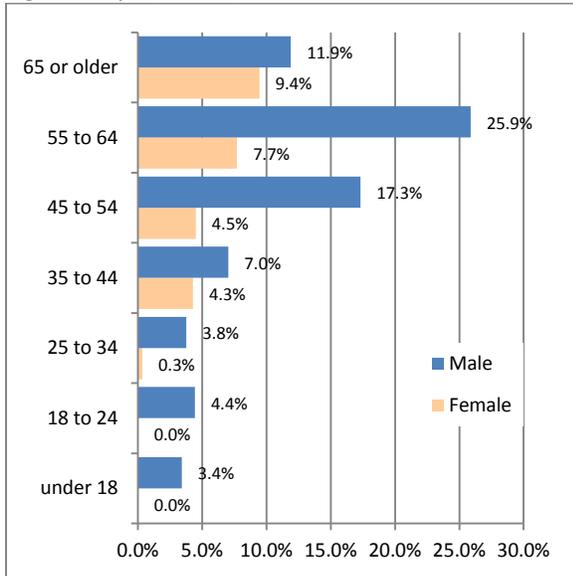
The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

Willow Springs Lake Angler Demographics:

Age/Gender	Male	Female	Total
n	299.2	106.7	406.0
%	73.7	26.3	100.0
Mean	51.4	56.9	52.8
Std. Error	0.904	0.997	0.726
Median	55	59	57

Household Income (<i>n=335.7</i>)	n	%
Under \$20,000	17.5	5.2
\$20,000 - \$39,999	44.4	13.2
\$40,000 - \$59,999	52.1	15.5
\$60,000 - \$79,999	76.9	22.9
\$80,000 - \$99,999	54.5	16.2
\$100,000 - \$119,999	46.0	13.7
\$120,000 or more	44.4	13.2

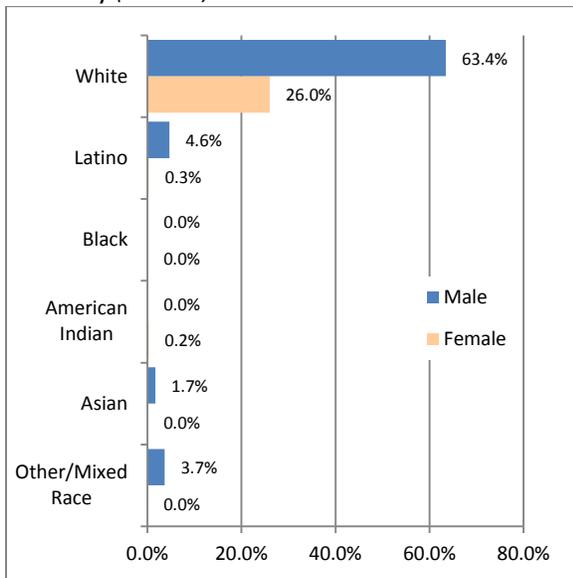
Age Groups (*n=406.0*)



State Residency (<i>n=406.0</i>)	n	%
AZ	396.8	97.7
MA	4.4	1.1
NV	1.8	0.4
TN	1.5	0.4
CA	0.9	0.2
FL	0.6	0.2

Arizona City (<i>n=396.8</i>)	n	%
PHOENIX	65.0	16.4
MESA	58.4	14.7
GLENDALE	37.1	9.4
SCOTTSDALE	37.0	9.3
PAYSON	27.0	6.8
GILBERT	26.2	6.6
CHANDLER	22.4	5.6
WADDELL	17.7	4.5
FOUNTAIN HILLS	12.1	3.1
SUN CITY WEST	6.1	1.5
TEMPE	6.1	1.5
PINE	5.9	1.5
SHOW LOW	5.9	1.5
TUCSON	4.3	1.1
CASA GRANDE	4.2	1.1
SNOWFLAKE	3.6	0.9
PRESCOTT VALLEY	3.6	0.9
SAN TAN VALLEY	3.5	0.9
OVERGAARD	3.4	0.9
KINGMAN	3.1	0.8
SUN CITY	2.6	0.6
MARICOPA	2.4	0.6
All Others	39.1	9.9

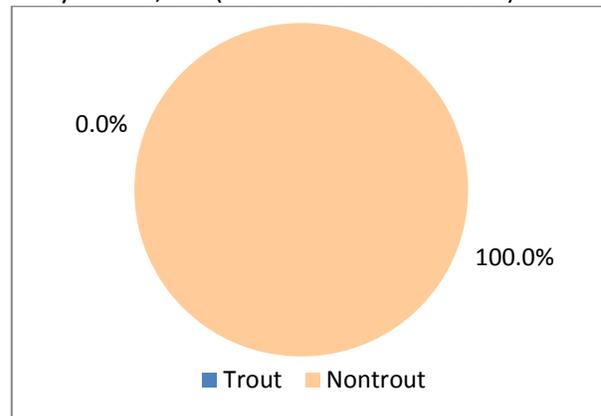
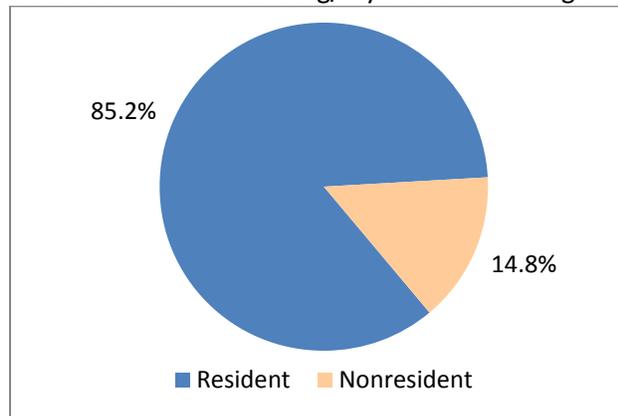
Ethnicity (*n=399.7*)



COLORADO RIVER - EHRENBURG/BLYTHE TO YUMA – 2013 ANGLING SUMMARY

Angler Activity:

Colorado River - Ehrenberg/Blythe to Yuma Angler User Days = 115,183 (1.92% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	104.7	15.80	1.913	1	150	18.2	13.66	4.435	1	60	122.9	15.48	1.751	1	150
Fishing Trips	99.3	12.89	1.897	1	150	17.9	8.39	2.974	1	60	117.2	12.20	1.673	1	150
Days per Trip	99.3	1.60	0.153	1	24	17.9	2.63	0.896	1	20	117.2	1.75	0.189	1	24
Waters Fished	104.7	3.10	0.214	1	9	18.2	1.49	0.207	1	5	122.9	2.86	0.191	1	9

Economic Impacts:

State of Arizona Economic Values (1.92%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$10,731,704	DIRECT EXPENDITURES	\$18,382,220
Food, Restaurant	\$3,949,701	TOTAL MULTIPLIER EFFECT	\$28,262,565
Lodging	\$1,517,815	SALARIES AND WAGES	\$10,844,967
Transportation	\$3,264,054	FULL-TIME & PART-TIME JOBS	385
Other	\$2,000,134	STATE TAX REVENUES	\$1,189,018
TOTAL EQUIPMENT	\$7,650,516		
Fishing	\$2,679,593		
Auxiliary	\$4,970,923		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

La Paz / Yuma County Economic Values (27.77% / 22.78%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$7,263,595	DIRECT EXPENDITURES	\$11,215,067
Food, Restaurant	\$2,307,725	TOTAL MULTIPLIER EFFECT	\$13,430,620
Lodging	\$1,940,357	SALARIES AND WAGES	\$2,572,214
Transportation	\$1,795,876	FULL-TIME & PART-TIME JOBS	181
Other	\$1,219,637	STATE TAX REVENUES	\$549,129
TOTAL EQUIPMENT	\$3,951,472		
Fishing	\$1,698,162		
Auxiliary	\$2,253,309		

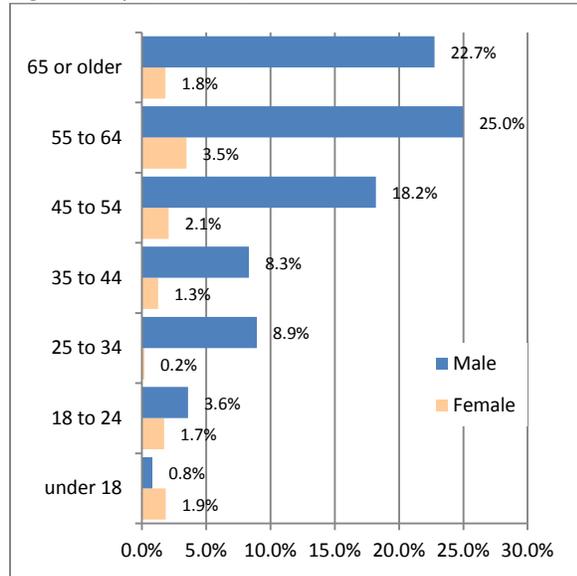
The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

Colorado River - Ehrenberg/Blythe to Yuma Angler Demographics:

Age/Gender	Male	Female	Total
n	107.7	15.3	122.9
%	87.6	12.4	100.0
Mean	52.7	44.5	51.7
Std. Error	1.444	5.186	1.431
Median	55	52	55

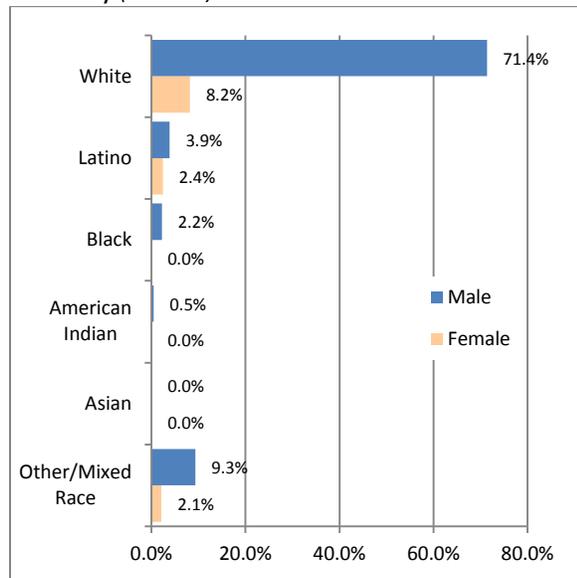
Household Income (<i>n=106.8</i>)	n	%
Under \$20,000	14.8	13.8
\$20,000 - \$39,999	13.0	12.2
\$40,000 - \$59,999	28.0	26.2
\$60,000 - \$79,999	16.0	15.0
\$80,000 - \$99,999	13.7	12.9
\$100,000 - \$119,999	8.2	7.7
\$120,000 or more	13.1	12.2

Age Groups (*n=122.9*)



State Residency (<i>n=122.9</i>)	n	%
AZ	103.4	84.1
CA	6.8	5.5
MN	1.5	1.2
CO	1.5	1.2
ME	1.5	1.2
WA	1.2	1.0
MS	1.1	0.9
NC	1.1	0.9
All Others	4.9	4.0

Ethnicity (*n=115.7*)

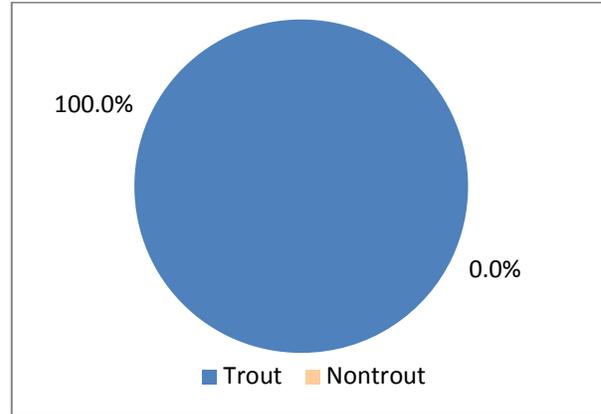
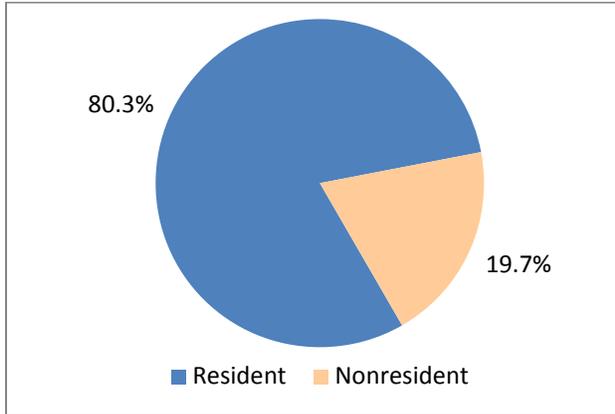


Arizona City (<i>n=103.4</i>)	n	%
YUMA	69.3	67.0
GLENDALE	6.1	5.9
WICKENBURG	6.1	5.9
TUCSON	2.2	2.2
MESA	2.1	2.0
SOMERTON	1.8	1.7
PRESCOTT VALLEY	1.7	1.6
PRESCOTT	1.6	1.5
MARICOPA	1.3	1.2
FLAGSTAFF	0.9	0.9
PARKER	0.9	0.8
CIBOLA	0.8	0.8
WELLTON	0.8	0.7
BULLHEAD CITY	0.8	0.7
DOLAN SPRINGS	0.8	0.7
SIERRA VISTA	0.7	0.7
EHRENBERG	0.7	0.7
RIO RICO	0.6	0.6
HEREFORD	0.5	0.5
ROOSEVELT	0.5	0.5
NOGALES	0.5	0.5
All Others	2.9	2.8

COLORADO RIVER - LEES FERRY – 2013 ANGLING SUMMARY

Angler Activity:

Colorado River - Lees Ferry Angler User Days = 105,775 (1.76% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	227.3	6.69	1.168	1	275	55.9	4.11	0.778	1	60	283.1	6.18	0.951	1	275
Fishing Trips	224.9	4.39	1.142	1	275	54.4	2.23	0.710	1	60	279.3	3.97	0.931	1	275
Days per Trip	224.9	2.11	0.086	1	9	54.4	2.80	0.455	1	20	279.3	2.24	0.113	1	20
Waters Fished	227.3	3.21	0.133	1	9	55.9	1.39	0.148	1	7	283.1	2.85	0.119	1	9

Economic Impacts:

State of Arizona Economic Values (1.76%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$9,837,395	DIRECT EXPENDITURES	\$16,850,368
Food, Restaurant	\$3,620,559	TOTAL MULTIPLIER EFFECT	\$25,907,351
Lodging	\$1,391,331	SALARIES AND WAGES	\$9,941,220
Transportation	\$2,992,049	FULL-TIME & PART-TIME JOBS	353
Other	\$1,833,456	STATE TAX REVENUES	\$1,089,933
TOTAL EQUIPMENT	\$7,012,973		
Fishing	\$2,456,294		
Auxiliary	\$4,556,679		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Coconino County Economic Values (11.97%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$8,591,281	DIRECT EXPENDITURES	\$11,743,224
Food, Restaurant	\$2,851,087	TOTAL MULTIPLIER EFFECT	\$14,493,366
Lodging	\$1,716,450	SALARIES AND WAGES	\$2,587,687
Transportation	\$2,203,209	FULL-TIME & PART-TIME JOBS	216
Other	\$1,820,536	STATE TAX REVENUES	\$696,239
TOTAL EQUIPMENT	\$3,151,942		
Fishing	\$1,187,984		
Auxiliary	\$1,963,959		

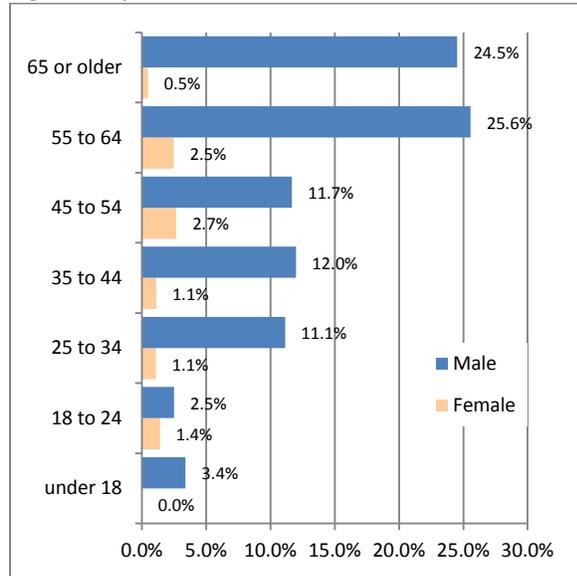
The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

Colorado River - Lees Ferry Angler Demographics:

Age/Gender	Male	Female	Total
n	257.0	26.1	283.1
%	90.8	9.2	100.0
Mean	51.9	45.3	51.3
Std. Error	0.976	2.989	0.933
Median	56	50	55

Household Income (n=247.2)	n	%
Under \$20,000	9.6	3.9
\$20,000 - \$39,999	21.5	8.7
\$40,000 - \$59,999	53.2	21.5
\$60,000 - \$79,999	51.9	21.0
\$80,000 - \$99,999	38.7	15.7
\$100,000 - \$119,999	15.5	6.3
\$120,000 or more	56.8	23.0

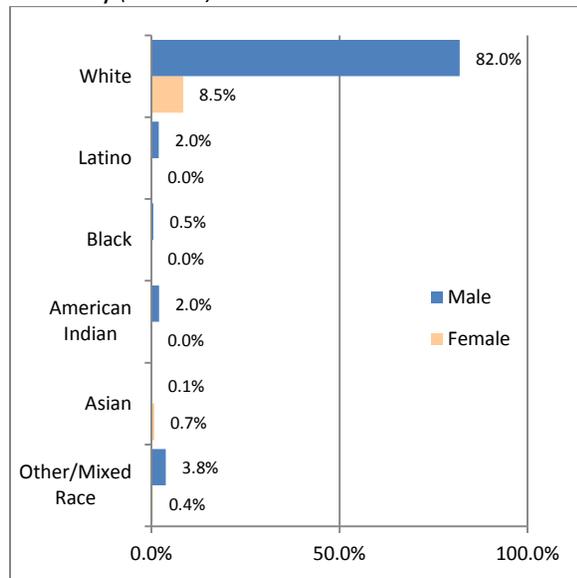
Age Groups (n=283.1)



State Residency (n=283.1)	n	%
AZ	226.9	80.1
UT	6.7	2.4
CA	6.6	2.3
WI	6.4	2.2
ID	4.9	1.7
MA	4.0	1.4
CO	3.8	1.4
OR	2.9	1.0
All Others	21.0	7.4

Arizona City (n=226.9)	n	%
PHOENIX	48.0	21.2
SCOTTSDALE	24.5	10.8
FLAGSTAFF	23.6	10.4
PEORIA	11.3	5.0
TUCSON	10.5	4.6
PRESCOTT	9.3	4.1
FOUNTAIN HILLS	8.2	3.6
MESA	6.8	3.0
LAVEEN	6.1	2.7
SUN CITY WEST	6.1	2.7
PAGE	5.8	2.6
SEDONA	5.3	2.3
GILBERT	4.2	1.9
BULLHEAD CITY	3.9	1.7
LAKE HAVASU CITY	3.9	1.7
KINGMAN	3.6	1.6
YUMA	3.2	1.4
TONALEA	3.2	1.4
PRESCOTT VALLEY	2.4	1.1
CHANDLER	2.1	0.9
GLENDALE	2.1	0.9
PARADISE VALLEY	2.1	0.9
TEMPE	2.1	0.9
All Others	28.6	12.6

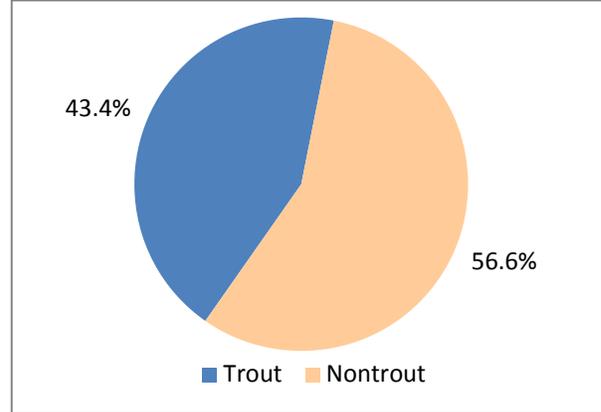
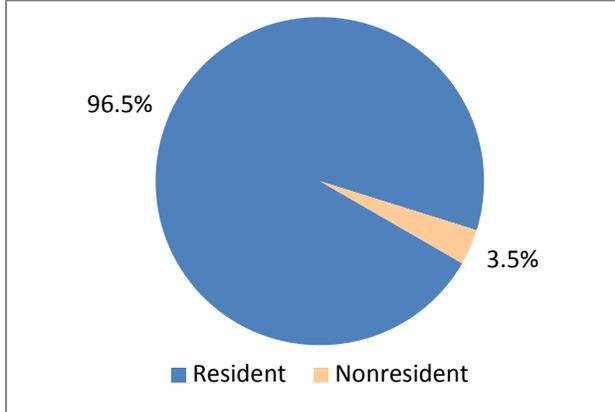
Ethnicity (n=273.5)



SALT RIVER (BELOW SAGUARO) – 2013 ANGLING SUMMARY

Angler Activity:

Salt River (Below Saguaro) Angler User Days = 104,197 (1.73% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	201.9	8.47	0.871	1	60	7.2	4.92	1.876	1	16	209.1	8.35	0.844	1	60
Fishing Trips	195.2	7.13	0.965	1	100	7.2	4.83	1.900	1	16	202.4	7.05	0.933	1	100
Days per Trip	195.2	1.19	0.060	1	10	7.2	1.08	0.111	1	2	202.4	1.19	0.058	1	10
Waters Fished	201.9	3.57	0.162	1	9	7.2	1.87	0.486	1	5	209.1	3.52	0.159	1	9

Economic Impacts:

State of Arizona Economic Values (1.73%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$9,669,712	DIRECT EXPENDITURES	\$16,563,146
Food, Restaurant	\$3,558,845	TOTAL MULTIPLIER EFFECT	\$25,465,749
Lodging	\$1,367,615	SALARIES AND WAGES	\$9,771,768
Transportation	\$2,941,048	FULL-TIME & PART-TIME JOBS	347
Other	\$1,802,204	STATE TAX REVENUES	\$1,071,355
TOTAL EQUIPMENT	\$6,893,434		
Fishing	\$2,414,425		
Auxiliary	\$4,479,008		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Maricopa County Economic Values (5.59%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$10,131,242	DIRECT EXPENDITURES	\$20,534,860
Food, Restaurant	\$4,187,357	TOTAL MULTIPLIER EFFECT	\$25,856,642
Lodging	\$555,954	SALARIES AND WAGES	\$5,170,064
Transportation	\$3,359,118	FULL-TIME & PART-TIME JOBS	270
Other	\$2,028,813	STATE TAX REVENUES	\$1,059,110
TOTAL EQUIPMENT	\$10,403,451		
Fishing	\$3,515,669		
Auxiliary	\$6,887,782		

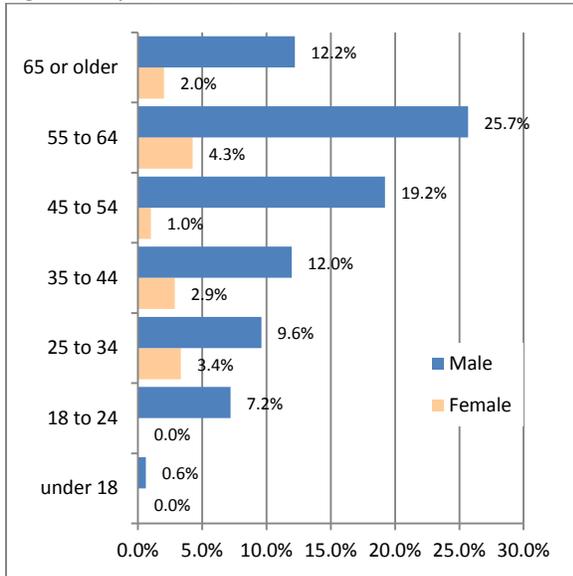
The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

Salt River (Below Saguaro) Angler Demographics:

Age/Gender	Male	Female	Total
n	180.9	28.3	209.1
%	86.5	13.5	100.0
Mean	49.0	48.4	49.0
Std. Error	1.120	2.509	1.024
Median	51	47	51

Household Income (n=203.4)	n	%
Under \$20,000	27.0	13.3
\$20,000 - \$39,999	37.9	18.6
\$40,000 - \$59,999	21.1	10.4
\$60,000 - \$79,999	27.1	13.3
\$80,000 - \$99,999	23.6	11.6
\$100,000 - \$119,999	18.7	9.2
\$120,000 or more	47.9	23.5

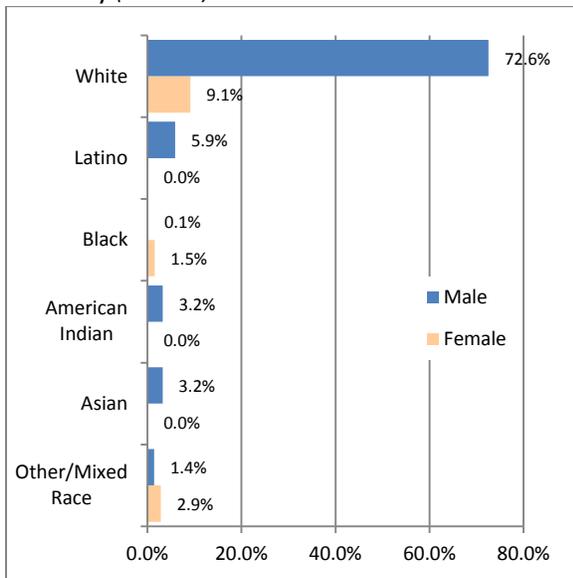
Age Groups (n=209.1)



State Residency (n=209.1)	n	%
AZ	200.5	95.8
WI	2.1	1.0
CO	1.1	0.5
ID	1.1	0.5
OR	1.1	0.5
IL	1.0	0.5
All Others	2.3	1.1

Arizona City (n=200.5)	n	%
MESA	67.0	33.4
PHOENIX	37.8	18.8
CHANDLER	32.7	16.3
GILBERT	15.4	7.7
QUEEN CREEK	10.7	5.4
FOUNTAIN HILLS	8.1	4.0
SAN TAN VALLEY	5.8	2.9
GOLD CANYON	4.3	2.2
CASA GRANDE	2.6	1.3
APACHE JUNCTION	2.4	1.2
WILLIAMS	2.3	1.2
TEMPE	2.1	1.1
MARICOPA	1.3	0.6
PAYSON	1.0	0.5
FLORENCE	0.9	0.5
CAVE CREEK	0.9	0.4
PEORIA	0.9	0.4
GLOBE	0.8	0.4
WHITERIVER	0.7	0.4
All Others	2.8	1.4

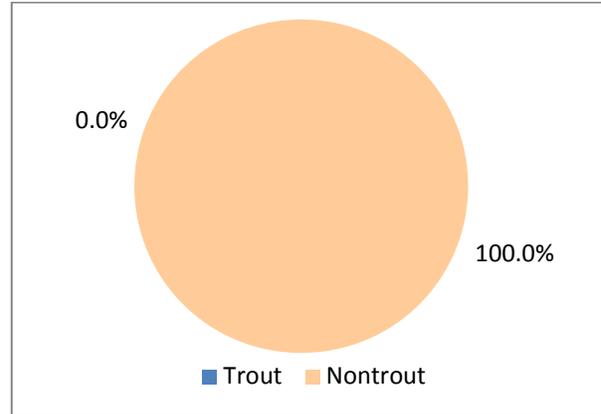
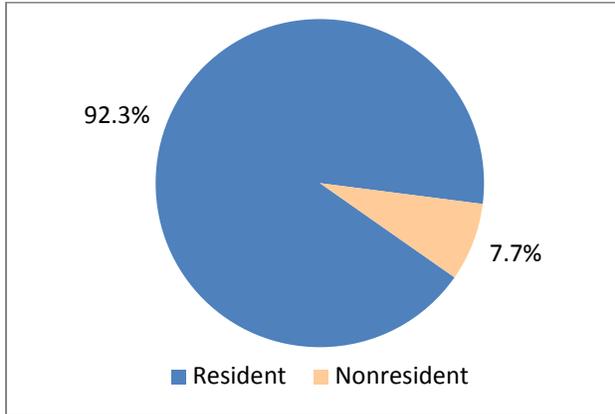
Ethnicity (n=208.8)



ALAMO LAKE – 2013 ANGLING SUMMARY

Angler Activity:

Alamo Lake Angler User Days = 88,760 (1.48% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	248.8	5.39	0.403	1	60	20.8	6.31	1.537	1	35	269.5	5.46	0.390	1	60
Fishing Trips	247.0	2.55	0.220	1	40	20.8	1.90	0.910	1	35	267.7	2.50	0.215	1	40
Days per Trip	247.0	2.29	0.097	1	14	20.8	5.07	1.351	1	30	267.7	2.51	0.144	1	30
Waters Fished	248.8	4.49	0.158	1	9	20.8	1.81	0.277	1	5	269.5	4.28	0.153	1	9

Economic Impacts:

State of Arizona Economic Values (1.48%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$8,272,355	DIRECT EXPENDITURES	\$14,169,628
Food, Restaurant	\$3,044,561	TOTAL MULTIPLIER EFFECT	\$21,785,727
Lodging	\$1,169,982	SALARIES AND WAGES	\$8,359,662
Transportation	\$2,516,041	FULL-TIME & PART-TIME JOBS	297
Other	\$1,541,770	STATE TAX REVENUES	\$916,535
TOTAL EQUIPMENT	\$5,897,273		
Fishing	\$2,065,520		
Auxiliary	\$3,831,753		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

La Paz County Economic Values (42.79%)

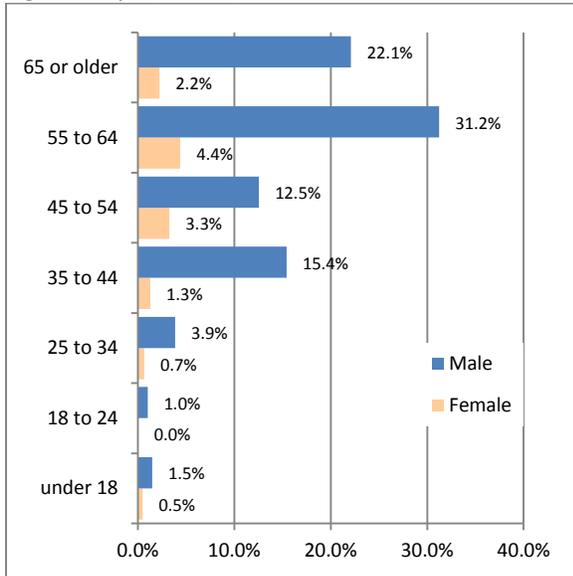
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$7,224,383	DIRECT EXPENDITURES	\$9,782,297
Food, Restaurant	\$2,151,565	TOTAL MULTIPLIER EFFECT	\$11,485,955
Lodging	\$2,527,444	SALARIES AND WAGES	\$2,253,226
Transportation	\$1,467,785	FULL-TIME & PART-TIME JOBS	128
Other	\$1,077,589	STATE TAX REVENUES	\$451,470
TOTAL EQUIPMENT	\$2,557,913		
Fishing	\$1,173,531		
Auxiliary	\$1,384,383		

The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

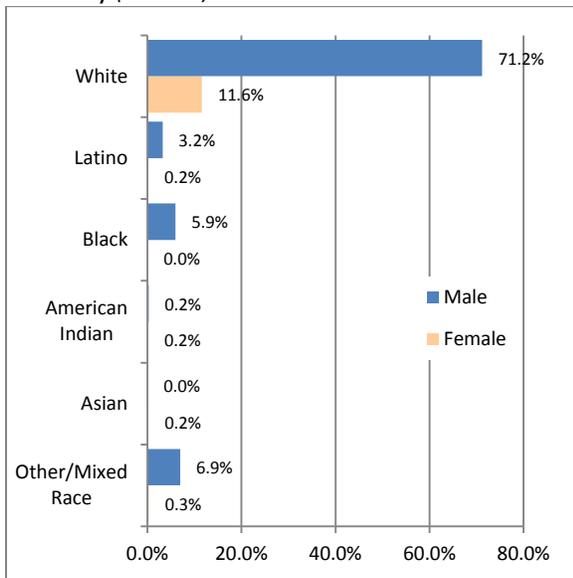
Alamo Lake Angler Demographics:

Age/Gender	Male	Female	Total
n	236.3	33.3	269.5
%	87.7	12.3	100.0
Mean	54.4	54.4	54.4
Std. Error	0.865	2.263	0.806
Median	57	55	57

Age Groups (n=269.5)



Ethnicity (n=266.7)



Household Income (n=224.1)	n	%
Under \$20,000	11.2	5.0
\$20,000 - \$39,999	24.3	10.8
\$40,000 - \$59,999	55.4	24.7
\$60,000 - \$79,999	60.1	26.8
\$80,000 - \$99,999	36.5	16.3
\$100,000 - \$119,999	18.6	8.3
\$120,000 or more	18.0	8.0

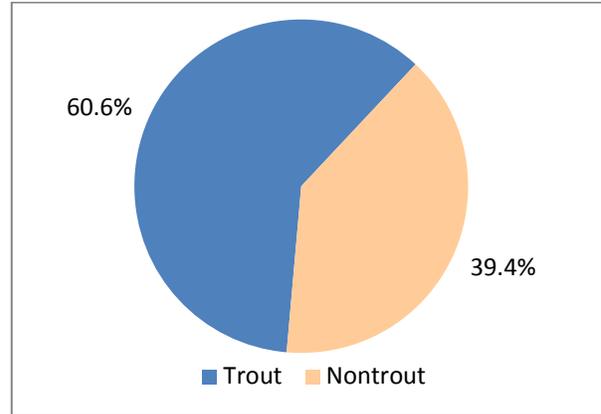
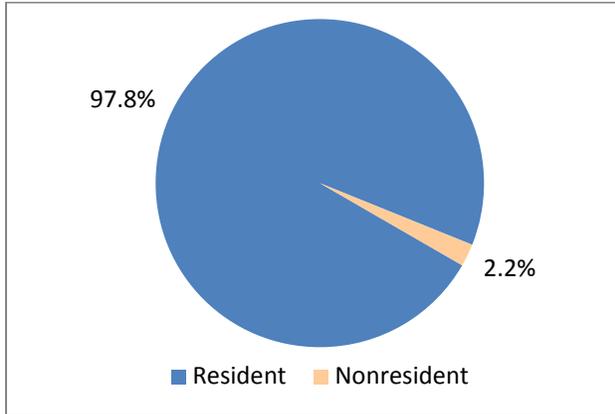
State Residency (n=269.1)	n	%
AZ	247.6	91.9
ID	7.0	2.6
CA	5.4	2.0
SC	1.5	0.5
NM	1.4	0.5
All Others	6.7	2.5

Arizona City (n=247.6)	n	%
PHOENIX	64.7	26.1
WADDELL	20.5	8.3
GLENDALE	20.3	8.2
PRESCOTT	10.7	4.3
PEORIA	9.2	3.7
CHANDLER	8.2	3.3
YUMA	8.0	3.2
KINGMAN	7.9	3.2
PRESCOTT VALLEY	7.2	2.9
WICKENBURG	6.8	2.7
GILBERT	6.1	2.5
SCOTTSDALE	6.1	2.5
SUN CITY WEST	6.1	2.5
TEMPE	6.1	2.5
TUCSON	5.7	2.3
CHINO VALLEY	4.5	1.8
MARANA	3.4	1.4
PARKER	2.3	0.9
DEWEY	2.2	0.9
WITTMANN	2.1	0.9
MOHAVE VALLEY	2.0	0.8
PAULDEN	2.0	0.8
LAKE HAVASU CITY	2.0	0.8
All Others	33.5	13.5

FOOL HOLLOW LAKE – 2013 ANGLING SUMMARY

Angler Activity:

Fool Hollow Lake Angler User Days = 86,068 (1.43% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	147.4	9.62	1.889	1	200	3.3	9.22	5.092	1	25	150.7	9.62	1.850	1	200
Fishing Trips	141.0	7.98	1.947	1	200	3.3	9.22	5.092	1	25	144.3	8.01	1.905	1	200
Days per Trip	141.0	1.67	0.109	1	10	3.3	1.00	0.000	1	1	144.3	1.65	0.107	1	10
Waters Fished	147.4	4.42	0.188	1	9	3.3	3.19	0.973	1	7	150.7	4.39	0.185	1	9

Economic Impacts:

State of Arizona Economic Values (1.43%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$7,992,883	DIRECT EXPENDITURES	\$13,690,924
Food, Restaurant	\$2,941,705	TOTAL MULTIPLIER EFFECT	\$21,049,723
Lodging	\$1,130,456	SALARIES AND WAGES	\$8,077,241
Transportation	\$2,431,040	FULL-TIME & PART-TIME JOBS	287
Other	\$1,489,683	STATE TAX REVENUES	\$885,571
TOTAL EQUIPMENT	\$5,698,041		
Fishing	\$1,995,739		
Auxiliary	\$3,702,302		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Navajo County Economic Values (29.36%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$7,466,631	DIRECT EXPENDITURES	\$11,039,209
Food, Restaurant	\$2,753,243	TOTAL MULTIPLIER EFFECT	\$12,696,747
Lodging	\$1,348,794	SALARIES AND WAGES	\$1,657,539
Transportation	\$2,424,979	FULL-TIME & PART-TIME JOBS	180
Other	\$939,616	STATE TAX REVENUES	\$430,960
TOTAL EQUIPMENT	\$3,572,577		
Fishing	\$1,240,475		
Auxiliary	\$2,332,103		

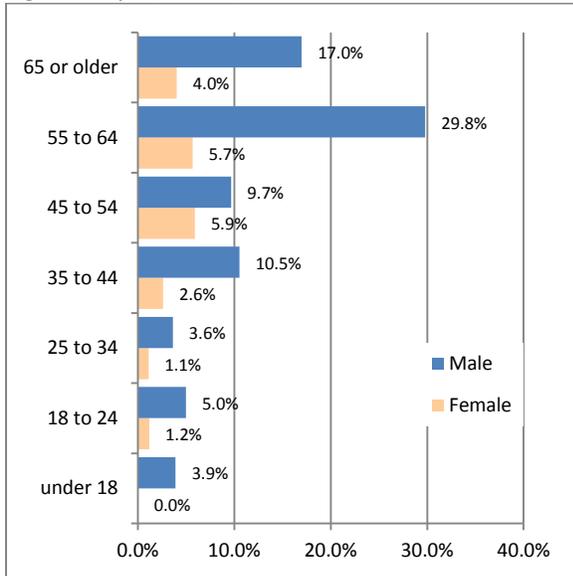
The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

Fool Hollow Lake Angler Demographics:

Age/Gender	Male	Female	Total
n	119.8	30.9	150.7
%	79.5	20.5	100.0
Mean	51.6	52.6	51.8
Std. Error	1.483	2.465	1.280
Median	57	53	56

Household Income (<i>n=135.9</i>)	n	%
Under \$20,000	6.8	5.0
\$20,000 - \$39,999	24.3	17.9
\$40,000 - \$59,999	23.4	17.2
\$60,000 - \$79,999	46.0	33.9
\$80,000 - \$99,999	15.9	11.7
\$100,000 - \$119,999	7.4	5.4
\$120,000 or more	12.1	8.9

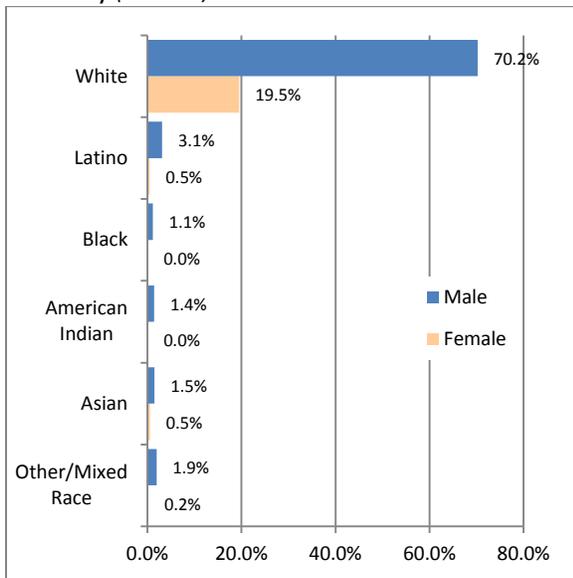
Age Groups (*n=150.7*)



State Residency (<i>n=150.7</i>)	n	%
AZ	147.4	97.8
MA	1.8	1.2
NM	1.2	0.8
VT	0.3	0.2

Arizona City (<i>n=147.4</i>)	n	%
SHOW LOW	31.7	21.5
TUCSON	22.1	15.0
PHOENIX	18.6	12.6
GLENDALE	8.2	5.5
LAKESIDE	5.3	3.6
CHANDLER	4.7	3.2
MESA	4.7	3.2
PINETOP	4.1	2.8
CLAY SPRINGS	3.6	2.4
SNOWFLAKE	2.8	1.9
SAN TAN VALLEY	2.8	1.9
CASA GRANDE	2.8	1.9
PRESCOTT	2.8	1.9
SEDONA	2.8	1.9
PAYSON	2.7	1.8
SURPRISE	2.6	1.7
SUN LAKES	2.2	1.5
GILBERT	2.1	1.4
WADDELL	2.1	1.4
SAFFORD	2.1	1.4
COOLIDGE	1.6	1.1
VAIL	1.1	0.8
SIERRA VISTA	1.0	0.7
VALLEY FARMS	1.0	0.7
VERNON	0.9	0.6
All Others	11.0	7.5

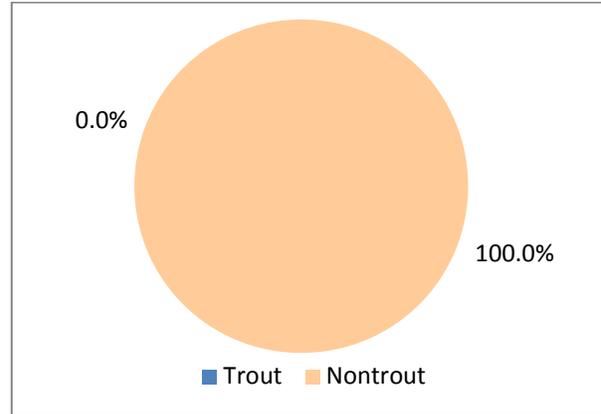
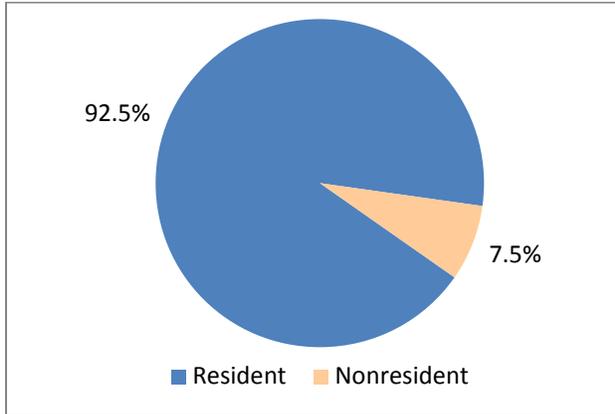
Ethnicity (*n=149.5*)



MITTRY LAKE – 2013 ANGLING SUMMARY

Angler Activity:

Mittry Lake Angler User Days = 75,911 (1.26% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	75.6	16.47	2.895	1	150	6.1	3.40	1.725	1	14	81.7	15.50	2.708	1	150
Fishing Trips	70.3	14.89	3.029	1	150	5.8	3.37	1.843	1	14	76.0	14.01	2.822	1	150
Days per Trip	70.3	1.47	0.212	1	15	5.8	1.11	0.141	1	2	76.0	1.44	0.196	1	15
Waters Fished	75.6	3.08	0.185	1	9	6.1	1.70	0.231	1	3	81.7	2.97	0.177	1	9

Economic Impacts:

State of Arizona Economic Values (1.26%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$7,042,680	DIRECT EXPENDITURES	\$12,063,332
Food, Restaurant	\$2,591,991	TOTAL MULTIPLIER EFFECT	\$18,547,308
Lodging	\$996,066	SALARIES AND WAGES	\$7,117,010
Transportation	\$2,142,035	FULL-TIME & PART-TIME JOBS	252
Other	\$1,312,588	STATE TAX REVENUES	\$780,293
TOTAL EQUIPMENT	\$5,020,651		
Fishing	\$1,758,483		
Auxiliary	\$3,262,168		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Yuma County Economic Values (30.02%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$3,393,512	DIRECT EXPENDITURES	\$6,413,208
Food, Restaurant	\$1,201,057	TOTAL MULTIPLIER EFFECT	\$7,875,869
Lodging	\$395,462	SALARIES AND WAGES	\$1,462,661
Transportation	\$1,111,330	FULL-TIME & PART-TIME JOBS	129
Other	\$685,663	STATE TAX REVENUES	\$337,537
TOTAL EQUIPMENT	\$3,019,696		
Fishing	\$1,234,220		
Auxiliary	\$1,785,476		

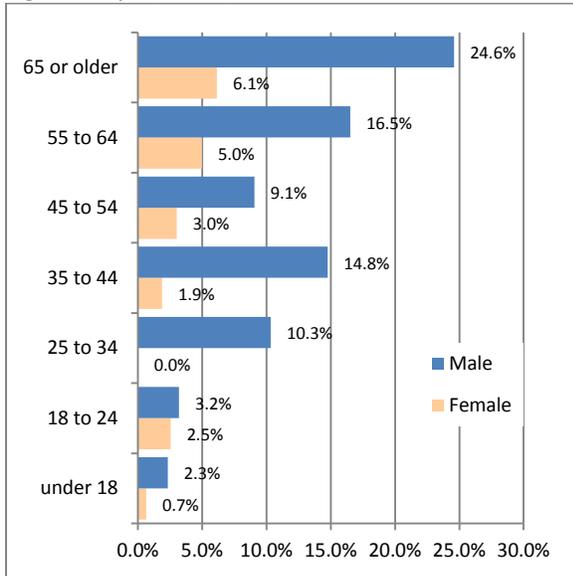
The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

Mittry Lake Angler Demographics:

Age/Gender	Male	Female	Total
n	66.0	15.7	81.7
%	80.8	19.2	100.0
Mean	51.7	51.7	51.7
Std. Error	2.095	4.487	1.887
Median	56	56	56

Household Income (n=76.1)	n	%
Under \$20,000	9.7	12.7
\$20,000 - \$39,999	15.5	20.4
\$40,000 - \$59,999	20.0	26.3
\$60,000 - \$79,999	9.9	13.1
\$80,000 - \$99,999	9.0	11.9
\$100,000 - \$119,999	4.0	5.3
\$120,000 or more	7.9	10.3

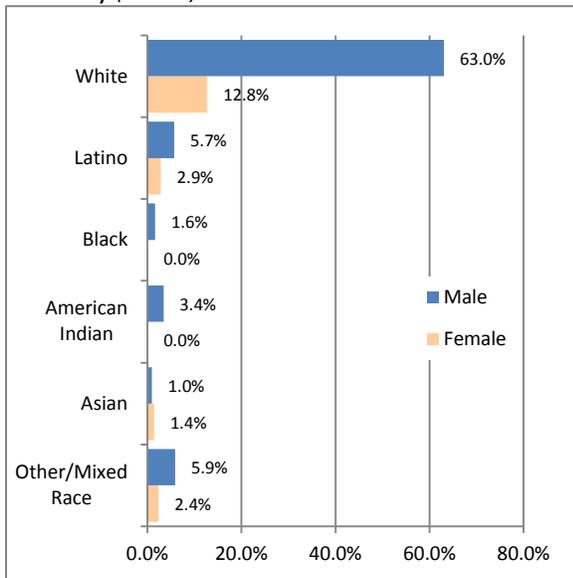
Age Groups (n=81.7)



State Residency (n=81.7)	n	%
AZ	76.8	94.1
MD	1.5	1.8
OR	0.9	1.1
CA	0.6	0.8
ID	0.6	0.8
WA	0.6	0.8
MN	0.3	0.4
VT	0.3	0.4

Arizona City (n=76.8)	n	%
YUMA	65.4	85.2
TUCSON	3.0	3.9
WELLTON	2.7	3.5
TEMPE	2.1	2.7
SOMERTON	1.3	1.6
PRESCOTT	0.8	1.0
SAN LUIS	0.5	0.7
PARKER	0.5	0.6
MARICOPA	0.3	0.4
QUARTZSITE	0.2	0.2
NUTRIOSO	0.1	0.1

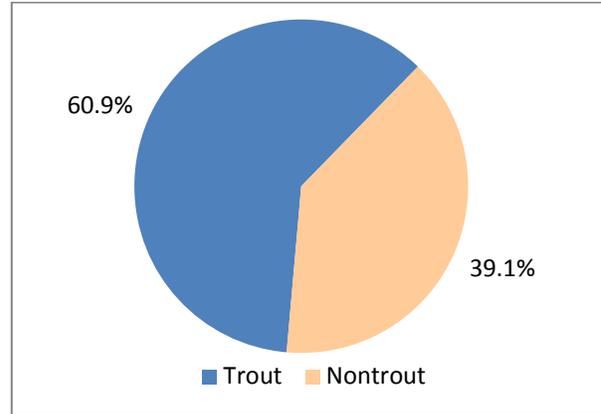
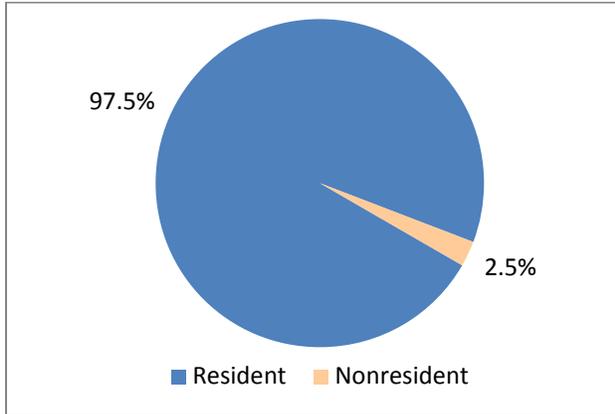
Ethnicity (n=80.8)



SHOW LOW LAKE – 2013 ANGLING SUMMARY

Angler Activity:

Show Low Lake Angler User Days = 71,704 (1.19% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	145.7	7.84	1.138	1	120	3.7	13.25	8.363	1	30	149.4	7.97	1.126	1	120
Fishing Trips	138.5	6.48	1.109	1	120	3.7	12.90	8.500	1	30	142.2	6.65	1.100	1	120
Days per Trip	138.5	1.55	0.102	1	10	3.7	1.34	0.847	1	7	142.2	1.54	0.101	1	10
Waters Fished	145.7	3.76	0.151	1	9	3.7	2.82	0.821	2	7	149.4	3.73	0.149	1	9

Economic Impacts:

State of Arizona Economic Values (1.19%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$6,651,420	DIRECT EXPENDITURES	\$11,393,147
Food, Restaurant	\$2,447,992	TOTAL MULTIPLIER EFFECT	\$17,516,902
Lodging	\$940,729	SALARIES AND WAGES	\$6,721,620
Transportation	\$2,023,033	FULL-TIME & PART-TIME JOBS	238
Other	\$1,239,666	STATE TAX REVENUES	\$736,944
TOTAL EQUIPMENT	\$4,741,726		
Fishing	\$1,660,790		
Auxiliary	\$3,080,936		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Navajo County Economic Values (24.46%)

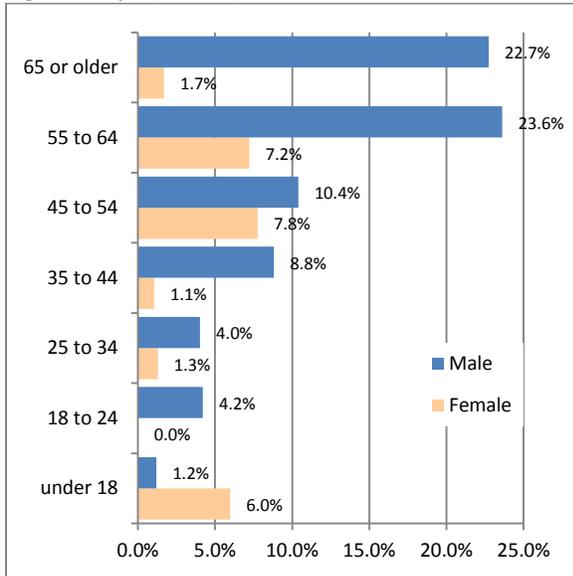
DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$6,220,497	DIRECT EXPENDITURES	\$9,196,834
Food, Restaurant	\$2,293,744	TOTAL MULTIPLIER EFFECT	\$10,577,740
Lodging	\$1,123,688	SALARIES AND WAGES	\$1,380,906
Transportation	\$2,020,265	FULL-TIME & PART-TIME JOBS	150
Other	\$782,800	STATE TAX REVENUES	\$359,036
TOTAL EQUIPMENT	\$2,976,337		
Fishing	\$1,033,447		
Auxiliary	\$1,942,889		

The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

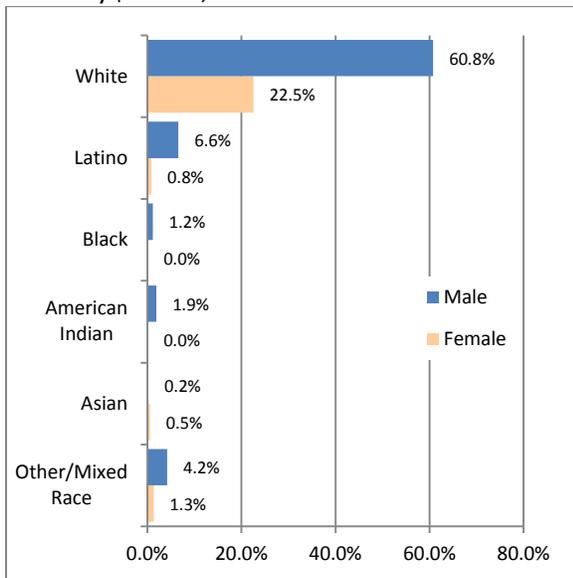
Show Low Lake Angler Demographics:

Age/Gender	Male	Female	Total
n	112.0	37.4	149.4
%	75.0	25.0	100.0
Mean	54.6	44.1	51.9
Std. Error	1.489	2.805	1.366
Median	58	51	56

Age Groups (n=149.4)



Ethnicity (n=148.1)



Household Income (n=122.7)	n	%
Under \$20,000	7.9	6.4
\$20,000 - \$39,999	25.1	20.5
\$40,000 - \$59,999	22.8	18.6
\$60,000 - \$79,999	23.1	18.8
\$80,000 - \$99,999	12.5	10.2
\$100,000 - \$119,999	17.1	13.9
\$120,000 or more	14.1	11.5

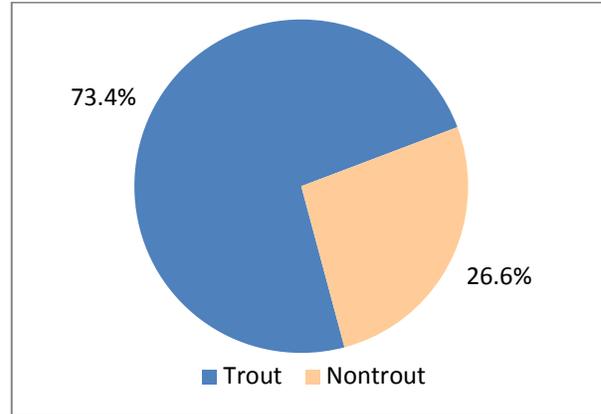
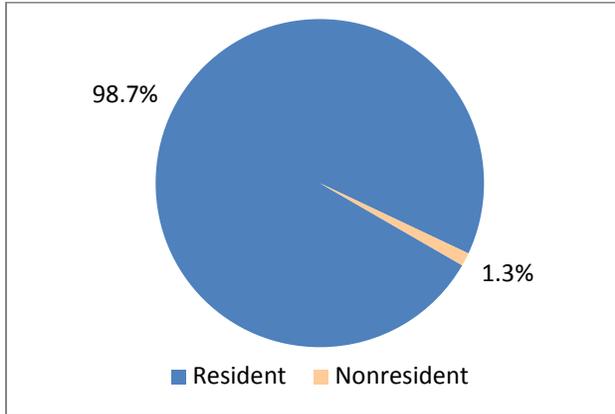
State Residency (n=149.4)	n	%
AZ	145.9	97.7
MA	1.5	1.0
NH	1.1	0.7
IA	0.6	0.4
MI	0.3	0.2

Arizona City (n=145.9)	n	%
TUCSON	30.8	21.1
SHOW LOW	24.3	16.7
LAKESIDE	11.1	7.6
MESA	9.3	6.4
PHOENIX	7.3	5.0
SCOTTSDALE	6.1	4.2
SUN LAKES	6.1	4.2
PINETOP	6.0	4.1
CASA GRANDE	4.2	2.9
WADDELL	4.2	2.9
CLAY SPRINGS	3.6	2.4
SNOWFLAKE	2.9	2.0
HOLBROOK	2.2	1.5
GLENDALE	2.1	1.4
VAIL	1.7	1.2
TAYLOR	1.6	1.1
YUMA	1.5	1.1
MARICOPA	1.3	0.9
FLAGSTAFF	1.3	0.9
SIERRA VISTA	1.3	0.9
ORO VALLEY	1.1	0.7
SAN TAN VALLEY	1.0	0.7
VERNON	0.9	0.6
QUEEN VALLEY	0.9	0.6
All Others	13.2	9.0

LYNX LAKE – 2013 ANGLING SUMMARY

Angler Activity:

Lynx Lake Angler User Days = 67,957 (1.13% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	161.8	6.98	1.121	1	150	2.1	4.57	1.009	2	5	163.9	6.95	1.107	1	150
Fishing Trips	152.1	5.66	0.796	1	80	2.1	3.99	1.548	1	5	154.2	5.64	0.786	1	80
Days per Trip	152.1	1.41	0.162	1	15	2.1	1.36	0.564	1	3	154.2	1.41	0.160	1	15
Waters Fished	161.8	4.07	0.178	1	9	2.1	4.85	1.816	1	6	163.9	4.08	0.176	1	9

Economic Impacts:

State of Arizona Economic Values (1.13%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$6,316,055	DIRECT EXPENDITURES	\$10,818,702
Food, Restaurant	\$2,324,564	TOTAL MULTIPLIER EFFECT	\$16,633,697
Lodging	\$893,297	SALARIES AND WAGES	\$6,382,715
Transportation	\$1,921,032	FULL-TIME & PART-TIME JOBS	226
Other	\$1,177,162	STATE TAX REVENUES	\$699,787
TOTAL EQUIPMENT	\$4,502,648		
Fishing	\$1,577,052		
Auxiliary	\$2,925,595		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Yavapai County Economic Values (22.44%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$6,261,243	DIRECT EXPENDITURES	\$10,146,796
Food, Restaurant	\$2,078,985	TOTAL MULTIPLIER EFFECT	\$12,658,128
Lodging	\$849,082	SALARIES AND WAGES	\$2,485,965
Transportation	\$2,585,195	FULL-TIME & PART-TIME JOBS	206
Other	\$747,982	STATE TAX REVENUES	\$583,441
TOTAL EQUIPMENT	\$3,885,552		
Fishing	\$1,443,155		
Auxiliary	\$2,442,397		

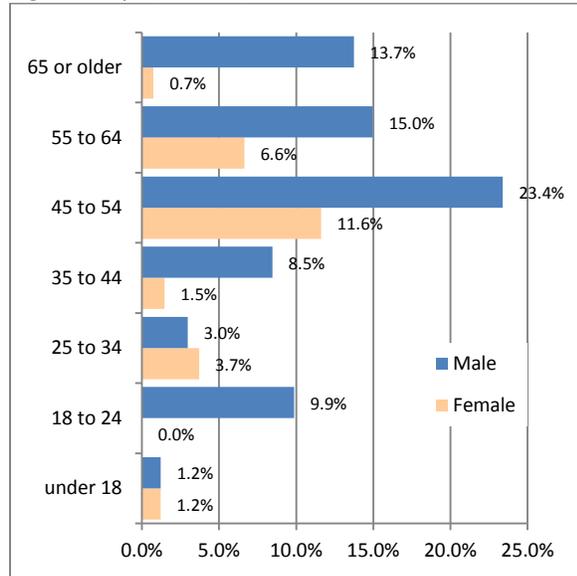
The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

Lynx Lake Angler Demographics:

Age/Gender	Male	Female	Total
n	122.2	41.6	163.9
%	74.6	25.4	100.0
Mean	48.3	47.8	48.1
Std. Error	1.440	1.805	1.165
Median	48	51	50

Household Income (n=133.6)	n	%
Under \$20,000	10.7	8.0
\$20,000 - \$39,999	38.7	29.0
\$40,000 - \$59,999	27.4	20.5
\$60,000 - \$79,999	22.5	16.9
\$80,000 - \$99,999	20.8	15.6
\$100,000 - \$119,999	4.5	3.4
\$120,000 or more	8.9	6.7

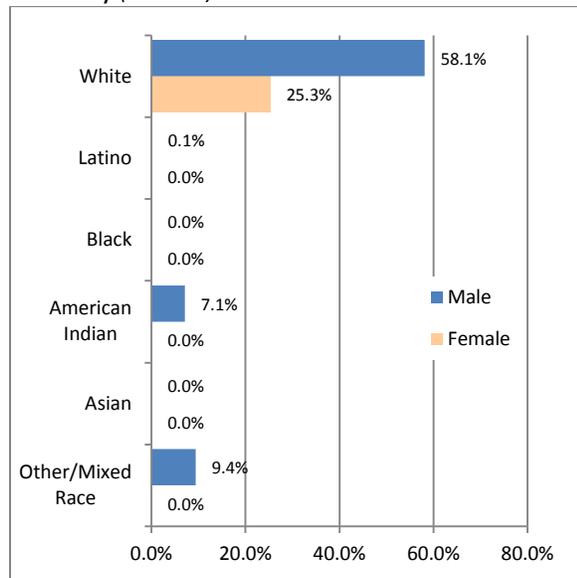
Age Groups (n=163.9)



State Residency (n=163.9)	n	%
AZ	161.8	98.7
MA	1.5	0.9
NE	0.3	0.2
NV	0.3	0.2

Arizona City (n=161.8)	n	%
PHOENIX	32.5	20.1
PRESCOTT	30.4	18.8
PRESCOTT VALLEY	22.1	13.7
GLENDALE	16.8	10.4
CHINO VALLEY	9.9	6.1
MESA	9.2	5.7
CHANDLER	8.2	5.1
NEW RIVER	6.1	3.8
WADDELL	6.1	3.8
WICKENBURG	6.1	3.8
SUN CITY	2.6	1.6
MARICOPA	2.0	1.2
PAULDEN	1.8	1.1
DEWEY	1.3	0.8
MAYER	1.2	0.8
CORDES LAKES	0.8	0.5
CORNVILLE	0.8	0.5
LAKE HAVASU CITY	0.8	0.5
COOLIDGE	0.6	0.4
YUMA	0.5	0.3
CAMP VERDE	0.4	0.3
HUMBOLDT	0.4	0.3
KIRKLAND	0.4	0.3
SEDONA	0.4	0.2
SIERRA VISTA	0.2	0.1
PARKER	0.2	0.1

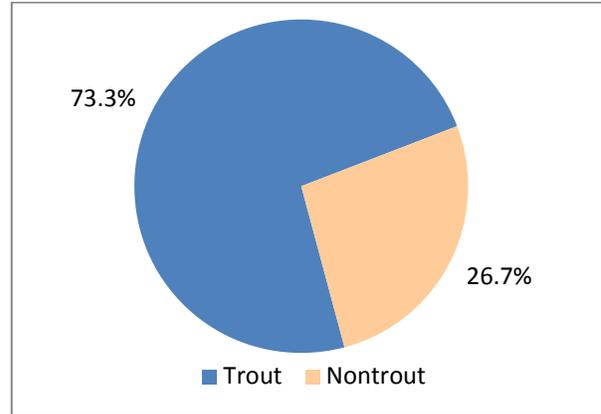
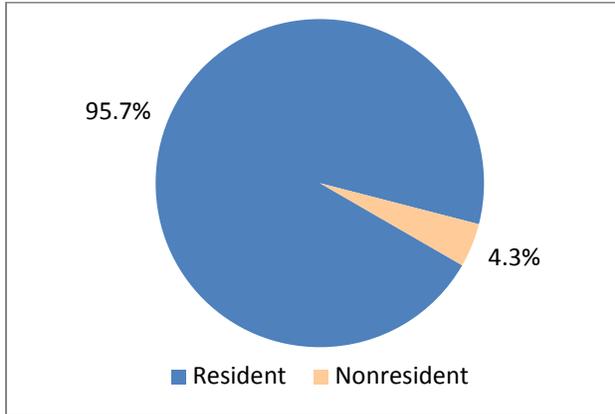
Ethnicity (n=161.7)



DEAD HORSE LAKE – 2013 ANGLING SUMMARY

Angler Activity:

Dead Horse Lake Angler User Days = 67,015 (1.12% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	110.9	10.04	1.668	1	156	5.0	1.92	0.498	1	3	116.0	9.69	1.603	1	156
Fishing Trips	109.2	7.23	1.656	1	156	5.0	1.74	0.466	1	3	114.3	6.99	1.587	1	156
Days per Trip	109.2	2.27	0.224	1	15	5.0	1.15	0.243	1	3	114.3	2.22	0.215	1	15
Waters Fished	110.9	4.03	0.211	1	9	5.0	3.19	0.689	2	5	116.0	3.99	0.204	1	9

Economic Impacts:

State of Arizona Economic Values (1.12%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$6,260,160	DIRECT EXPENDITURES	\$10,722,962
Food, Restaurant	\$2,303,992	TOTAL MULTIPLIER EFFECT	\$16,486,496
Lodging	\$885,392	SALARIES AND WAGES	\$6,326,231
Transportation	\$1,904,031	FULL-TIME & PART-TIME JOBS	224
Other	\$1,166,745	STATE TAX REVENUES	\$693,594
TOTAL EQUIPMENT	\$4,462,801		
Fishing	\$1,563,096		
Auxiliary	\$2,899,705		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Yavapai County Economic Values (22.12%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$6,171,956	DIRECT EXPENDITURES	\$10,002,100
Food, Restaurant	\$2,049,338	TOTAL MULTIPLIER EFFECT	\$12,477,620
Lodging	\$836,974	SALARIES AND WAGES	\$2,450,515
Transportation	\$2,548,329	FULL-TIME & PART-TIME JOBS	203
Other	\$737,316	STATE TAX REVENUES	\$575,121
TOTAL EQUIPMENT	\$3,830,143		
Fishing	\$1,422,575		
Auxiliary	\$2,407,568		

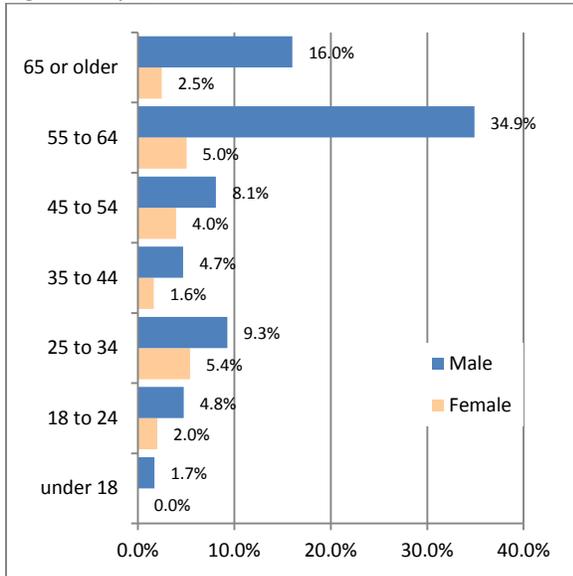
The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

Dead Horse Lake Angler Demographics:

Age/Gender	Male	Female	Total
n	92.2	23.8	116.0
%	79.5	20.5	100.0
Mean	52.6	44.9	51.0
Std. Error	1.601	3.195	1.454
Median	57	46	57

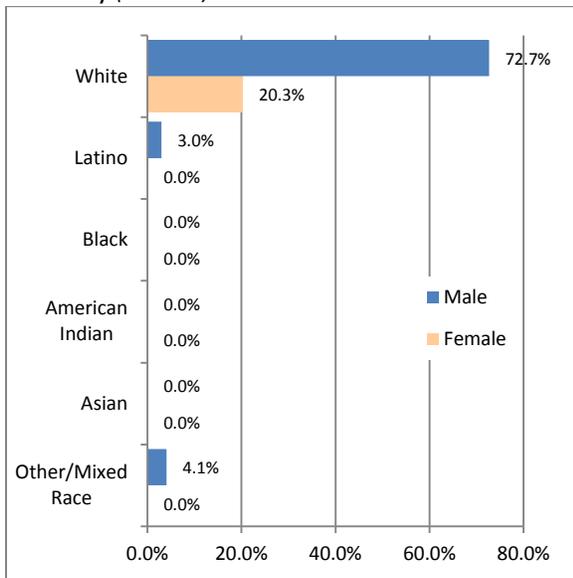
Household Income (<i>n=99.6</i>)	n	%
Under \$20,000	15.9	15.9
\$20,000 - \$39,999	19.4	19.5
\$40,000 - \$59,999	13.2	13.3
\$60,000 - \$79,999	29.5	29.6
\$80,000 - \$99,999	11.7	11.8
\$100,000 - \$119,999	1.6	1.6
\$120,000 or more	8.4	8.4

Age Groups (*n=116.0*)



State Residency (<i>n=116.0</i>)	n	%
AZ	110.9	95.7
MA	1.5	1.3
CA	1.1	0.9
WI	0.9	0.8
MO	0.6	0.5
WA	0.6	0.5
NE	0.3	0.3

Ethnicity (*n=115.4*)

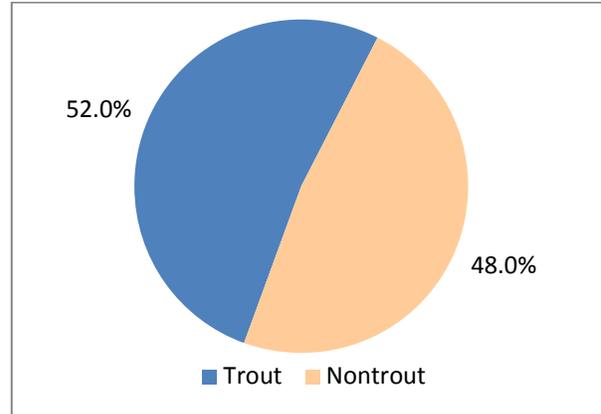
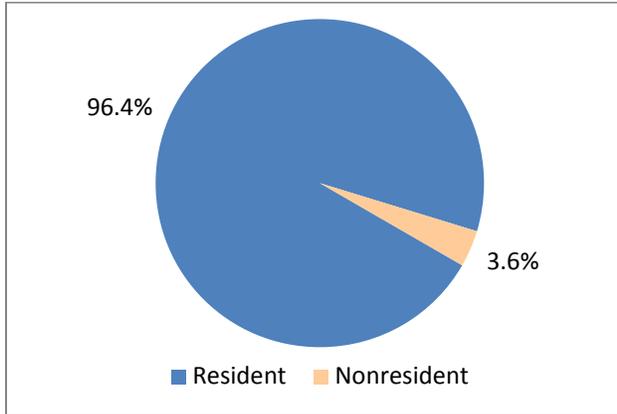


Arizona City (<i>n=110.9</i>)	n	%
PHOENIX	26.8	24.1
COTTONWOOD	18.3	16.5
FLAGSTAFF	9.1	8.2
SCOTTSDALE	8.6	7.8
TONOPAH	6.1	5.5
WADDELL	4.3	3.9
TUCSON	4.0	3.6
PRESCOTT VALLEY	4.0	3.6
PRESCOTT	3.7	3.3
SEDONA	3.5	3.1
SUN CITY	2.6	2.3
CAMP VERDE	2.4	2.2
AVONDALE	2.1	1.9
CLARKDALE	2.0	1.8
CORNVILLE	1.5	1.4
SAN TAN VALLEY	1.3	1.2
PAYSON	1.2	1.1
CHINO VALLEY	1.2	1.1
CAVE CREEK	0.9	0.8
MAYER	0.8	0.7
YUMA	0.8	0.7
KINGMAN	0.8	0.7
LAKE HAVASU CITY	0.8	0.7
All Others	4.4	3.9

PARKER CANYON LAKE – 2013 ANGLING SUMMARY

Angler Activity:

Parker Canyon Lake Angler User Days = 66,954 (1.11% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	165.2	6.35	1.177	1	224	6.1	11.39	13.061	1	100	171.3	6.53	1.215	1	224
Fishing Trips	161.1	4.93	1.118	1	224	6.1	3.64	3.153	1	25	167.2	4.88	1.082	1	224
Days per Trip	161.1	1.49	0.089	1	9	6.1	1.54	0.407	1	4	167.2	1.49	0.087	1	9
Waters Fished	165.2	3.20	0.142	1	9	6.1	1.76	0.360	1	3	171.3	3.15	0.139	1	9

Economic Impacts:

State of Arizona Economic Values (1.11%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$6,204,266	DIRECT EXPENDITURES	\$10,627,221
Food, Restaurant	\$2,283,421	TOTAL MULTIPLIER EFFECT	\$16,339,296
Lodging	\$877,487	SALARIES AND WAGES	\$6,269,747
Transportation	\$1,887,031	FULL-TIME & PART-TIME JOBS	222
Other	\$1,156,327	STATE TAX REVENUES	\$687,401
TOTAL EQUIPMENT	\$4,422,955		
Fishing	\$1,549,140		
Auxiliary	\$2,873,815		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Cochise County Economic Values (98.54%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$6,663,636	DIRECT EXPENDITURES	\$12,927,582
Food, Restaurant	\$2,730,288	TOTAL MULTIPLIER EFFECT	\$15,472,381
Lodging	\$438,758	SALARIES AND WAGES	\$2,443,008
Transportation	\$2,635,648	FULL-TIME & PART-TIME JOBS	197
Other	\$858,942	STATE TAX REVENUES	\$677,629
TOTAL EQUIPMENT	\$6,263,927		
Fishing	\$1,771,212		
Auxiliary	\$4,492,715		

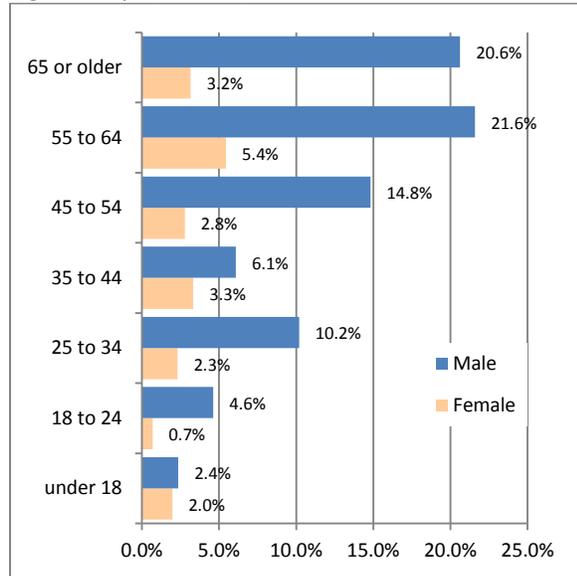
The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

Parker Canyon Lake Angler Demographics:

Age/Gender	Male	Female	Total
n	137.5	33.8	171.3
%	80.3	19.7	100.0
Mean	51.0	47.4	50.2
Std. Error	1.418	2.979	1.282
Median	55	51	55

Household Income (<i>n=143.4</i>)	n	%
Under \$20,000	9.2	6.4
\$20,000 - \$39,999	25.7	17.9
\$40,000 - \$59,999	26.2	18.3
\$60,000 - \$79,999	29.1	20.3
\$80,000 - \$99,999	24.7	17.2
\$100,000 - \$119,999	15.1	10.5
\$120,000 or more	13.4	9.4

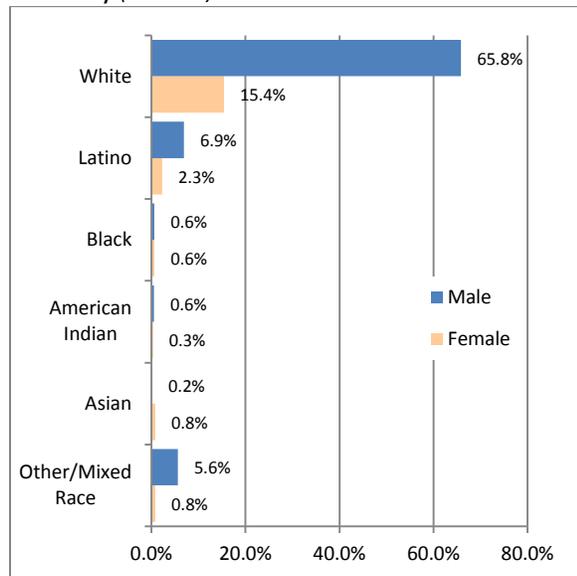
Age Groups (*n=171.3*)



State Residency (<i>n=171.3</i>)	n	%
AZ	165.2	96.4
KS	1.5	0.9
MA	1.5	0.9
UT	1.5	0.9
CA	1.1	0.6
ME	0.6	0.4

Arizona City (<i>n=165.2</i>)	n	%
TUCSON	68.3	41.3
SIERRA VISTA	36.8	22.3
HEREFORD	9.4	5.7
VAIL	8.9	5.4
HUACHUCA CITY	8.8	5.4
MARANA	4.6	2.8
BENSON	4.3	2.6
BISBEE	3.3	2.0
TOMBSTONE	2.2	1.3
FORT HUACHUCA	2.0	1.2
MT LEMMON	1.7	1.0
SONOITA	1.3	0.8
AMADO	1.2	0.7
CORONA DE TUCSON	1.1	0.7
YUMA	1.0	0.6
ORACLE	1.0	0.6
RIO RICO	1.0	0.6
DOUGLAS	0.9	0.6
SAINT DAVID	0.8	0.5
PRESCOTT	0.8	0.5
PRESCOTT VALLEY	0.8	0.5
COCHISE	0.7	0.4
WILLCOX	0.7	0.4
All Others	3.5	2.1

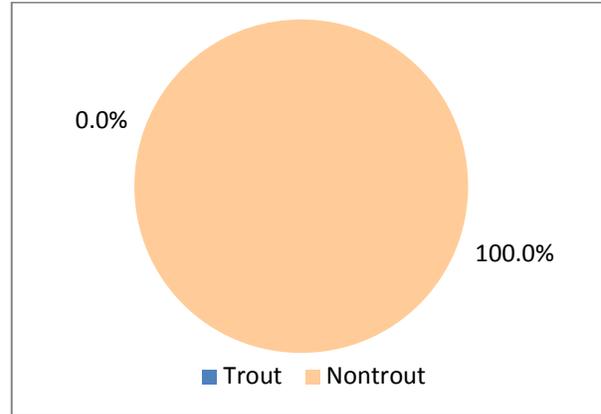
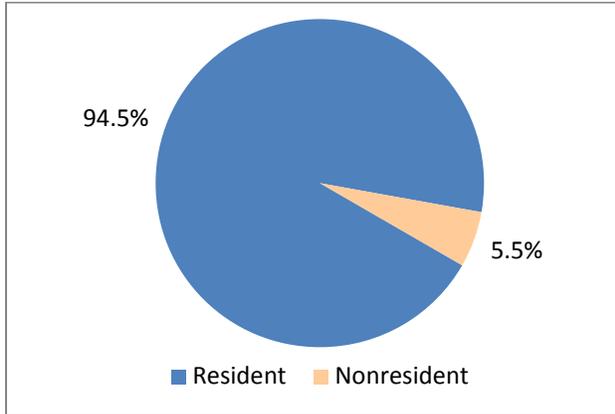
Ethnicity (*n=166.6*)



LAKE MARY (UPPER) – 2013 ANGLING SUMMARY

Angler Activity:

Lake Mary (Upper) Angler User Days = 65,317 (1.09% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	138.0	7.65	1.112	1	95	8.0	4.58	1.343	1	10	146.0	7.48	1.055	1	95
Fishing Trips	134.4	4.85	0.674	1	80	8.0	2.28	0.931	1	10	142.4	4.71	0.639	1	80
Days per Trip	134.4	1.61	0.100	1	8	8.0	2.36	0.500	1	5	142.4	1.65	0.099	1	8
Waters Fished	138.0	4.15	0.178	1	9	8.0	2.16	0.429	1	4	146.0	4.04	0.173	1	9

Economic Impacts:

State of Arizona Economic Values (1.09%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$6,092,478	DIRECT EXPENDITURES	\$10,435,739
Food, Restaurant	\$2,242,278	TOTAL MULTIPLIER EFFECT	\$16,044,894
Lodging	\$861,676	SALARIES AND WAGES	\$6,156,778
Transportation	\$1,853,030	FULL-TIME & PART-TIME JOBS	218
Other	\$1,135,492	STATE TAX REVENUES	\$675,015
TOTAL EQUIPMENT	\$4,343,262		
Fishing	\$1,521,228		
Auxiliary	\$2,822,034		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Coconino County Economic Values (7.39%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$5,304,058	DIRECT EXPENDITURES	\$7,249,994
Food, Restaurant	\$1,760,195	TOTAL MULTIPLIER EFFECT	\$8,947,868
Lodging	\$1,059,696	SALARIES AND WAGES	\$1,597,578
Transportation	\$1,360,210	FULL-TIME & PART-TIME JOBS	133
Other	\$1,123,957	STATE TAX REVENUES	\$429,841
TOTAL EQUIPMENT	\$1,945,936		
Fishing	\$733,434		
Auxiliary	\$1,212,502		

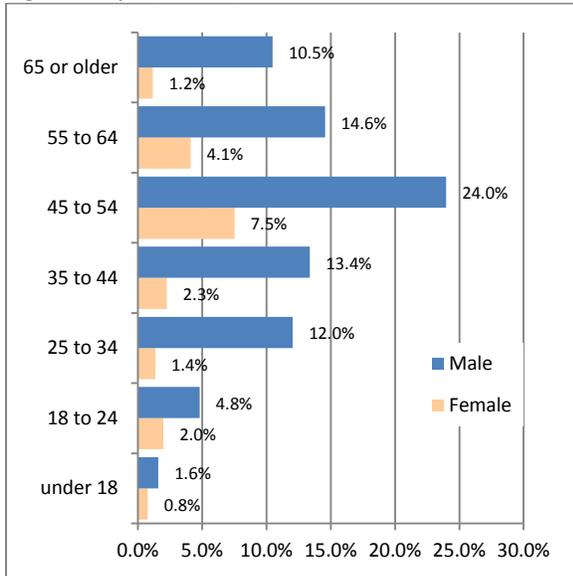
The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

Lake Mary (Upper) Angler Demographics:

Age/Gender	Male	Female	Total
n	118.1	28.0	146.0
%	80.8	19.2	100.0
Mean	46.5	45.7	46.4
Std. Error	1.332	2.746	1.194
Median	49	49	49

Household Income (<i>n=131.3</i>)	n	%
Under \$20,000	15.4	11.7
\$20,000 - \$39,999	22.5	17.1
\$40,000 - \$59,999	29.7	22.6
\$60,000 - \$79,999	17.6	13.4
\$80,000 - \$99,999	19.1	14.6
\$100,000 - \$119,999	18.8	14.3
\$120,000 or more	8.3	6.3

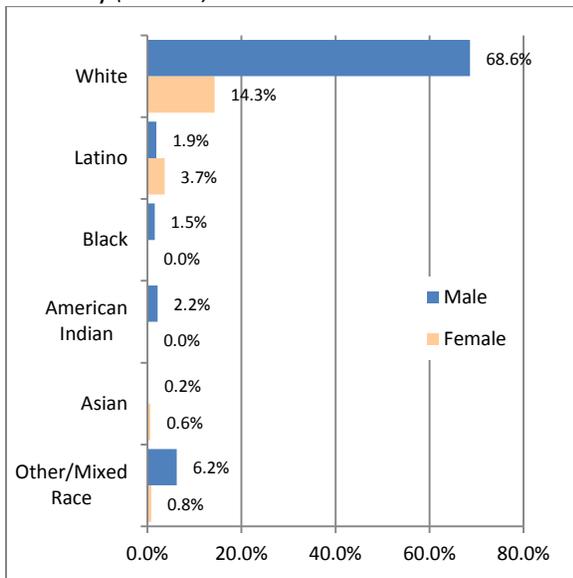
Age Groups (*n=146.0*)



State Residency (<i>n=146.0</i>)	n	%
AZ	138.1	94.5
MA	2.7	1.8
CO	2.1	1.4
SC	1.5	1.0
CA	1.1	0.7
UT	0.6	0.4

Arizona City (<i>n=138.1</i>)	n	%
FLAGSTAFF	54.2	39.2
PHOENIX	16.7	12.1
TUCSON	9.9	7.2
COTTONWOOD	5.9	4.2
CHANDLER	4.2	3.1
CAMP VERDE	3.7	2.7
PRESCOTT VALLEY	3.4	2.4
PRESCOTT	3.2	2.3
CHINO VALLEY	2.7	1.9
ORO VALLEY	2.3	1.6
MESA	2.1	1.5
WADDELL	2.1	1.5
WILLIAMS	2.0	1.4
SIERRA VISTA	1.9	1.4
MARANA	1.7	1.2
SEDONA	1.6	1.2
LAKE HAVASU CITY	1.5	1.1
DEWEY	1.4	1.0
KINGMAN	1.4	1.0
RIMROCK	1.3	1.0
WINSLOW	1.3	0.9
PAYSON	1.0	0.7
VALLEY FARMS	1.0	0.7
SHOW LOW	1.0	0.7
All Others	10.8	7.8

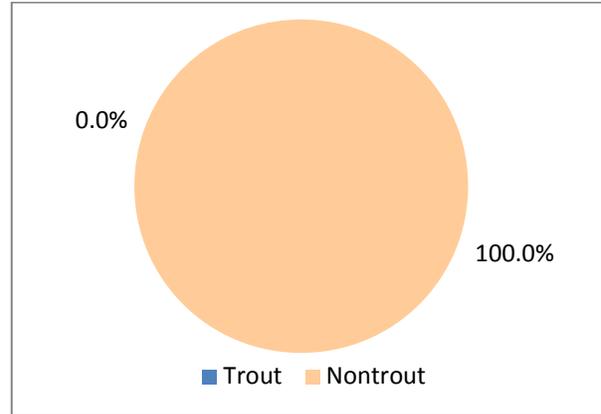
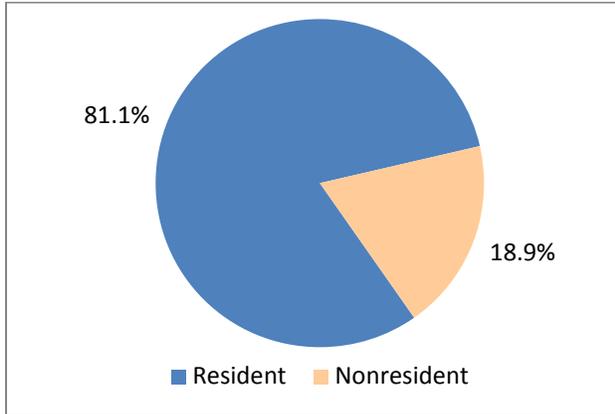
Ethnicity (*n=144.5*)



COLORADO RIVER-PARKER STRIP AREA – 2013 ANGLING SUMMARY

Angler Activity:

Colorado River - Parker Strip Area Angler User Days = 61,069 (1.02% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	66.0	12.40	2.890	1	200	15.4	12.34	4.122	1	70	81.4	12.39	2.460	1	200
Fishing Trips	64.0	9.27	3.000	1	200	15.4	8.88	2.978	1	40	79.4	9.19	2.479	1	200
Days per Trip	64.0	2.46	0.256	1	10	15.4	2.44	1.344	1	27	79.4	2.46	0.327	1	27
Waters Fished	66.0	3.69	0.278	1	9	15.4	1.94	0.185	1	5	81.4	3.36	0.240	1	9

Economic Impacts:

State of Arizona Economic Values (1.02%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$5,701,218	DIRECT EXPENDITURES	\$9,765,554
Food, Restaurant	\$2,098,279	TOTAL MULTIPLIER EFFECT	\$15,014,488
Lodging	\$806,339	SALARIES AND WAGES	\$5,761,389
Transportation	\$1,734,029	FULL-TIME & PART-TIME JOBS	204
Other	\$1,062,571	STATE TAX REVENUES	\$631,666
TOTAL EQUIPMENT	\$4,064,337		
Fishing	\$1,423,534		
Auxiliary	\$2,640,803		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

La Paz County Economic Values (29.44%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$4,970,456	DIRECT EXPENDITURES	\$6,730,330
Food, Restaurant	\$1,480,301	TOTAL MULTIPLIER EFFECT	\$7,902,466
Lodging	\$1,738,910	SALARIES AND WAGES	\$1,550,244
Transportation	\$1,009,852	FULL-TIME & PART-TIME JOBS	88
Other	\$741,393	STATE TAX REVENUES	\$310,616
TOTAL EQUIPMENT	\$1,759,873		
Fishing	\$807,402		
Auxiliary	\$952,471		

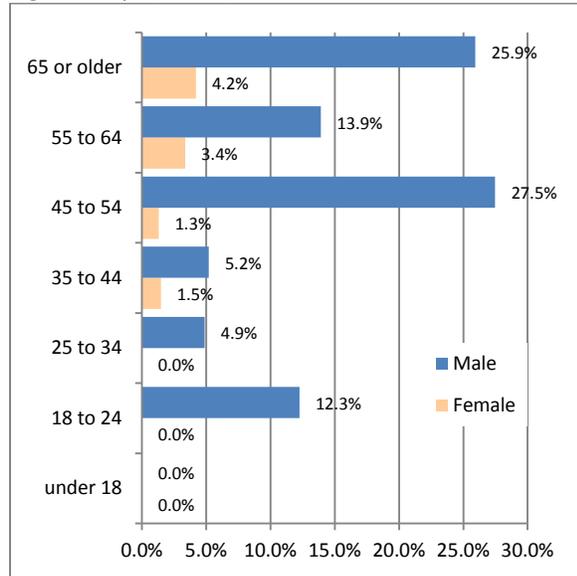
The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

Colorado River - Parker Strip Area Angler Demographics:

Age/Gender	Male	Female	Total
n	73.0	8.4	81.4
%	89.6	10.4	100.0
Mean	51.9	59.6	52.7
Std. Error	2.070	3.728	1.908
Median	53	63	53

Household Income (<i>n=64.0</i>)	n	%
Under \$20,000	6.9	10.9
\$20,000 - \$39,999	12.1	18.8
\$40,000 - \$59,999	11.6	18.0
\$60,000 - \$79,999	7.6	11.8
\$80,000 - \$99,999	10.1	15.8
\$100,000 - \$119,999	10.4	16.2
\$120,000 or more	5.5	8.5

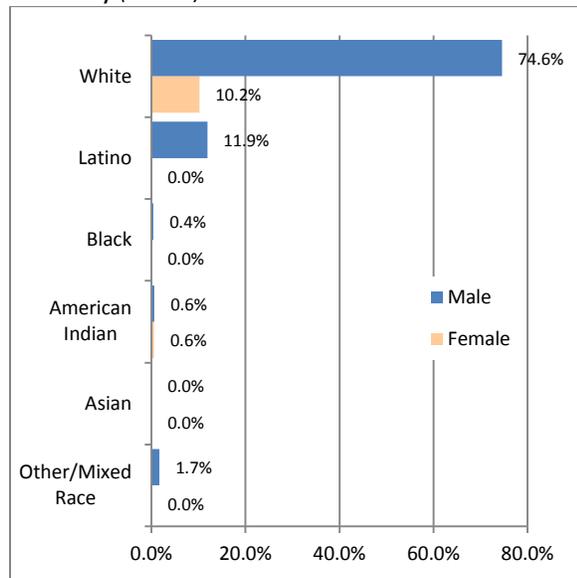
Age Groups (*n=81.4*)



State Residency (<i>n=81.4</i>)	n	%
AZ	65.9	80.9
MN	1.8	2.3
CA	1.7	2.1
MI	1.6	2.0
CO	1.5	1.8
ME	1.5	1.8
NV	1.5	1.8
MT	1.2	1.5
All Others	4.7	5.8

Arizona City (<i>n=65.9</i>)	n	%
GILBERT	12.1	18.4
LAKE HAVASU CITY	9.8	14.9
PARKER	8.5	12.9
PHOENIX	8.2	12.4
YUMA	5.1	7.8
PRESCOTT	4.4	6.7
KINGMAN	2.2	3.4
COTTONWOOD	1.7	2.5
BULLHEAD CITY	1.6	2.5
MOHAVE VALLEY	1.3	1.9
TUCSON	1.1	1.6
ELOY	1.0	1.5
PAYSON	0.8	1.2
DOLAN SPRINGS	0.8	1.2
GOLDEN VALLEY	0.8	1.2
BENSON	0.7	1.1
FLAGSTAFF	0.7	1.0
SALOME	0.6	1.0
ORO VALLEY	0.6	0.9
ROOSEVELT	0.5	0.8
All Others	3.3	5.0

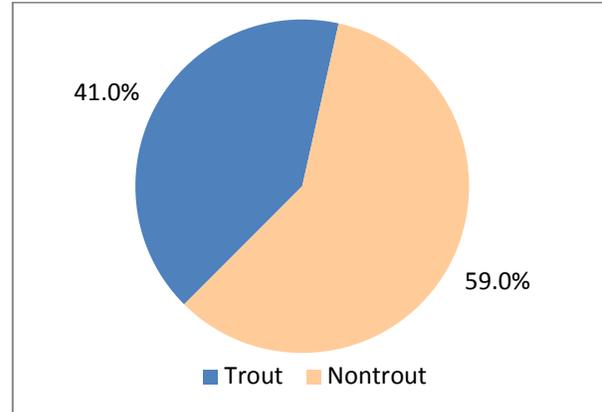
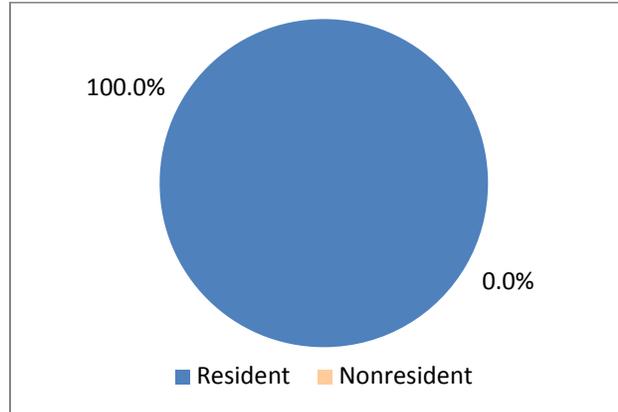
Ethnicity (*n=78.0*)



WATER RANCH LAKE – 2013 ANGLING SUMMARY

Angler Activity:

Water Ranch Lake Angler User Days = 57,043 (0.95% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	13.6	68.41	20.466	2	150	0.0	-	-	-	-	13.6	68.41	20.466	2	150
Fishing Trips	13.6	68.41	20.466	2	150	0.0	-	-	-	-	13.6	68.41	20.466	2	150
Days per Trip	13.6	1.00	0.000	1	1	0.0	-	-	-	-	13.6	1.00	0.000	1	1
Waters Fished	13.6	1.00	0.000	1	1	0.0	-	-	-	-	13.6	1.00	0.000	1	1

Economic Impacts:

State of Arizona Economic Values (0.95%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$5,309,958	DIRECT EXPENDITURES	\$9,095,369
Food, Restaurant	\$1,954,279	TOTAL MULTIPLIER EFFECT	\$13,984,082
Lodging	\$751,002	SALARIES AND WAGES	\$5,366,000
Transportation	\$1,615,027	FULL-TIME & PART-TIME JOBS	190
Other	\$989,649	STATE TAX REVENUES	\$588,316
TOTAL EQUIPMENT	\$3,785,412		
Fishing	\$1,325,841		
Auxiliary	\$2,459,571		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Maricopa County Economic Values (3.06%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$5,545,904	DIRECT EXPENDITURES	\$11,240,908
Food, Restaurant	\$2,292,185	TOTAL MULTIPLIER EFFECT	\$14,154,083
Lodging	\$304,333	SALARIES AND WAGES	\$2,830,125
Transportation	\$1,838,801	FULL-TIME & PART-TIME JOBS	148
Other	\$1,110,585	STATE TAX REVENUES	\$579,763
TOTAL EQUIPMENT	\$5,694,912		
Fishing	\$1,924,499		
Auxiliary	\$3,770,414		

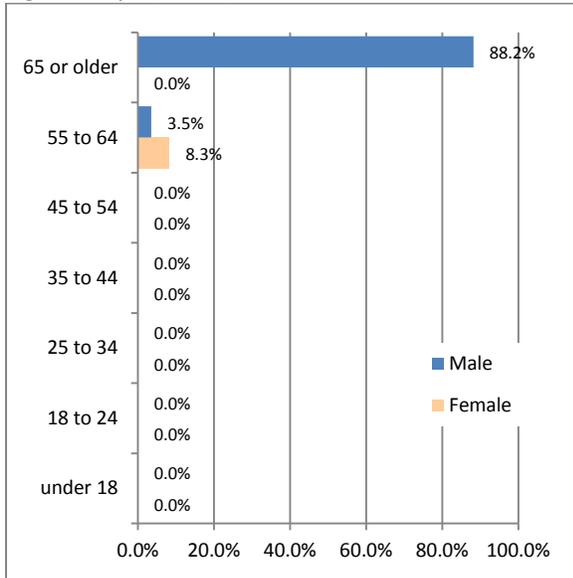
The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

Water Ranch Lake Angler Demographics:

Age/Gender	Male	Female	Total
n	12.4	1.1	13.6
%	91.7	8.3	100.0
Mean	66.2	64.0	66.0
Std. Error	0.649	0.000	0.617
Median	65	64	65

Household Income (n=7.6)	n	%
Under \$20,000	0.0	0.0
\$20,000 - \$39,999	1.1	14.8
\$40,000 - \$59,999	0.0	0.0
\$60,000 - \$79,999	6.0	78.9
\$80,000 - \$99,999	0.0	0.0
\$100,000 - \$119,999	0.0	0.0
\$120,000 or more	0.5	6.3

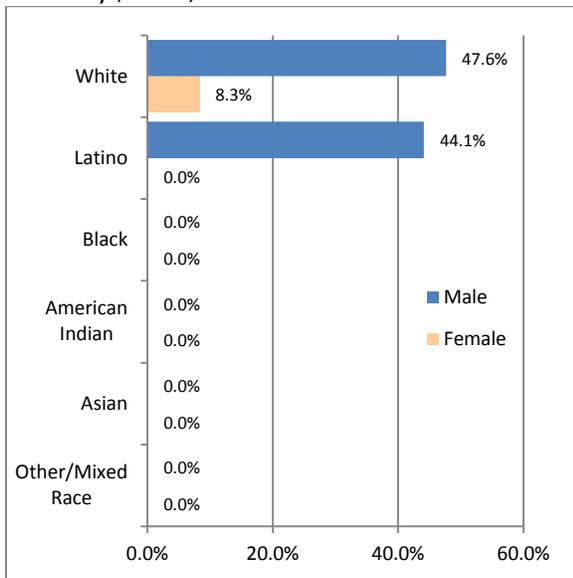
Age Groups (n=13.6)



State Residency (n=13.6)	n	%
AZ	12.6	93.0
IL	0.5	3.5
WI	0.5	3.5

Arizona City (n=12.6)	n	%
GILBERT	6.0	47.4
MESA	6.0	47.4
SUPERIOR	0.6	5.1

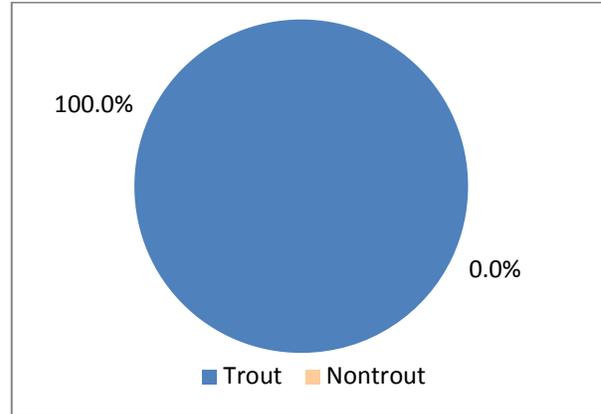
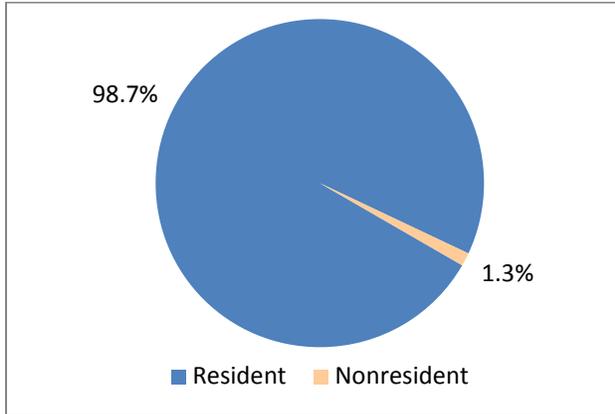
Ethnicity (n=13.6)



TONTO CREEK (SALT RIVER DRAINAGE) – 2013 ANGLING SUMMARY

Angler Activity:

Tonto Creek (Salt River Drainage) Angler User Days = 56,416 (0.94% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	114.9	8.19	1.631	1	120	1.5	2.40	0.671	2	3	116.4	8.12	1.610	1	120
Fishing Trips	114.3	6.07	1.528	1	120	1.5	1.80	1.341	1	3	115.9	6.01	1.508	1	120
Days per Trip	114.3	1.68	0.191	1	20	1.5	1.60	0.671	1	2	115.9	1.68	0.188	1	20
Waters Fished	114.9	4.03	0.164	1	9	1.5	5.00	3.353	3	8	116.4	4.04	0.164	1	9

Economic Impacts:

State of Arizona Economic Values (0.94%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$5,254,063	DIRECT EXPENDITURES	\$8,999,628
Food, Restaurant	\$1,933,708	TOTAL MULTIPLIER EFFECT	\$13,836,881
Lodging	\$743,097	SALARIES AND WAGES	\$5,309,515
Transportation	\$1,598,026	FULL-TIME & PART-TIME JOBS	188
Other	\$979,232	STATE TAX REVENUES	\$582,123
TOTAL EQUIPMENT	\$3,745,565		
Fishing	\$1,311,884		
Auxiliary	\$2,433,681		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Gila County Economic Values (8.49%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$3,696,864	DIRECT EXPENDITURES	\$5,141,159
Food, Restaurant	\$1,239,168	TOTAL MULTIPLIER EFFECT	\$6,106,758
Lodging	\$735,754	SALARIES AND WAGES	\$978,647
Transportation	\$1,080,120	FULL-TIME & PART-TIME JOBS	100
Other	\$641,822	STATE TAX REVENUES	\$234,875
TOTAL EQUIPMENT	\$1,444,295		
Fishing	\$595,144		
Auxiliary	\$849,151		

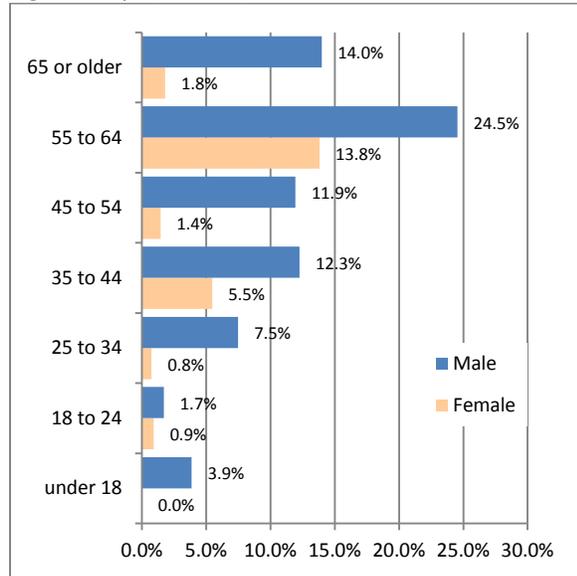
The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

Tonto Creek (Salt River Drainage) Angler Demographics:

Age/Gender	Male	Female	Total
n	88.2	28.2	116.4
%	75.8	24.2	100.0
Mean	50.0	51.7	50.4
Std. Error	1.527	2.606	1.314
Median	55	56	55

Household Income (n=109.8)	n	%
Under \$20,000	2.6	2.4
\$20,000 - \$39,999	24.4	22.2
\$40,000 - \$59,999	16.9	15.4
\$60,000 - \$79,999	14.7	13.4
\$80,000 - \$99,999	19.4	17.7
\$100,000 - \$119,999	10.5	9.6
\$120,000 or more	21.1	19.3

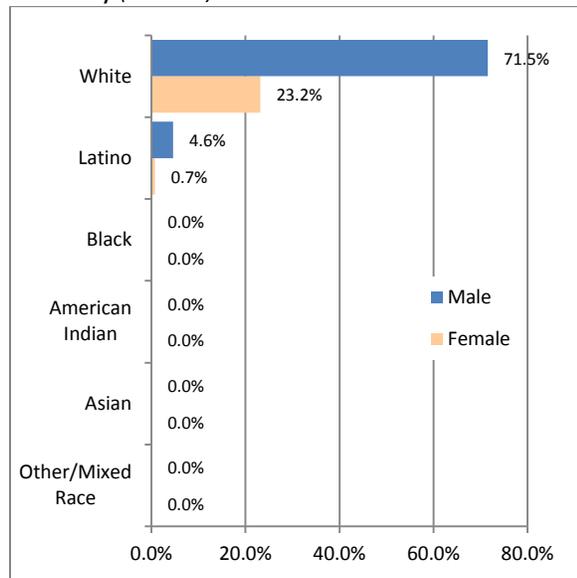
Age Groups (n=116.4)



State Residency (n=116.4)	n	%
AZ	114.9	98.7
MI	0.6	0.5
UT	0.6	0.5
CA	0.3	0.3

Arizona City (n=114.9)	n	%
PHOENIX	24.9	21.7
GLENDALE	14.7	12.8
SCOTTSDALE	12.8	11.2
MESA	8.9	7.7
PAYSON	8.8	7.7
GILBERT	6.1	5.3
LAVEEN	6.1	5.3
NEW RIVER	6.1	5.3
CHANDLER	6.0	5.2
PINE	5.0	4.4
TUCSON	3.4	3.0
COTTONWOOD	2.9	2.5
TEMPE	2.1	1.8
CASA GRANDE	1.0	0.9
COOLIDGE	1.0	0.9
BULLHEAD CITY	0.8	0.7
LAKE HAVASU CITY	0.8	0.7
TONTO BASIN	0.5	0.4
RIMROCK	0.4	0.4
FLAGSTAFF	0.4	0.3
WILLIAMS	0.4	0.3
All Others	1.9	1.6

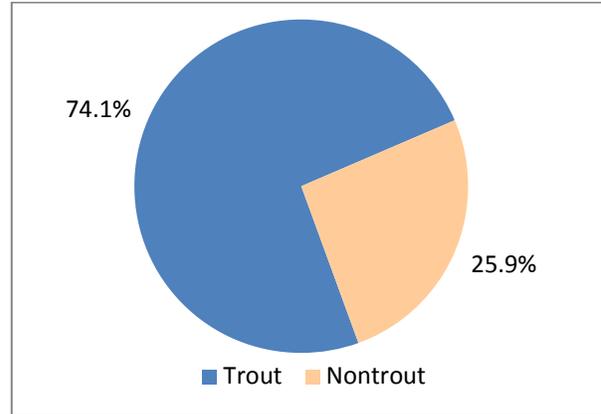
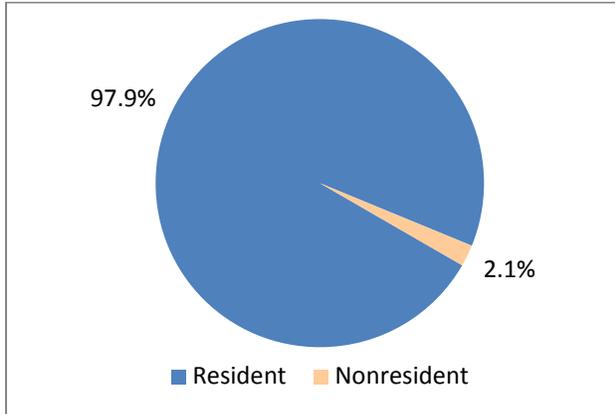
Ethnicity (n=115.9)



ASHURST LAKE – 2013 ANGLING SUMMARY

Angler Activity:

Ashurst Lake Angler User Days = 56,316 (0.94% of the State Total)



Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Weighted Variable	Resident					Nonresident					TOTAL				
	n	mean	se	min	max	n	mean	se	min	max	n	mean	se	min	max
Days Fished	152.7	6.13	0.935	1	120	3.3	2.28	0.899	1	6	156.0	6.05	0.916	1	120
Fishing Trips	149.7	4.13	0.757	1	120	3.3	1.81	0.474	1	3	153.0	4.08	0.741	1	120
Days per Trip	149.7	2.29	0.505	1	53	3.3	1.46	0.953	1	6	153.0	2.27	0.494	1	53
Waters Fished	152.7	4.70	0.201	1	9	3.3	4.50	1.517	1	7	156.0	4.70	0.198	1	9

Economic Impacts:

State of Arizona Economic Values (0.94%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$5,254,063	DIRECT EXPENDITURES	\$8,999,628
Food, Restaurant	\$1,933,708	TOTAL MULTIPLIER EFFECT	\$13,836,881
Lodging	\$743,097	SALARIES AND WAGES	\$5,309,515
Transportation	\$1,598,026	FULL-TIME & PART-TIME JOBS	188
Other	\$979,232	STATE TAX REVENUES	\$582,123
TOTAL EQUIPMENT	\$3,745,565		
Fishing	\$1,311,884		
Auxiliary	\$2,433,681		

The above data is based on the State economic values proportioned by the % of the total State Angler User Days.

Coconino County Economic Values (6.37%)

DIRECT ECONOMIC EXPENDITURES		TOTAL ECONOMIC IMPACT	
TOTAL TRIP-RELATED	\$4,571,969	DIRECT EXPENDITURES	\$6,249,318
Food, Restaurant	\$1,517,245	TOTAL MULTIPLIER EFFECT	\$7,712,844
Lodging	\$913,432	SALARIES AND WAGES	\$1,377,073
Transportation	\$1,172,468	FULL-TIME & PART-TIME JOBS	115
Other	\$968,823	STATE TAX REVENUES	\$370,513
TOTAL EQUIPMENT	\$1,677,349		
Fishing	\$632,202		
Auxiliary	\$1,045,148		

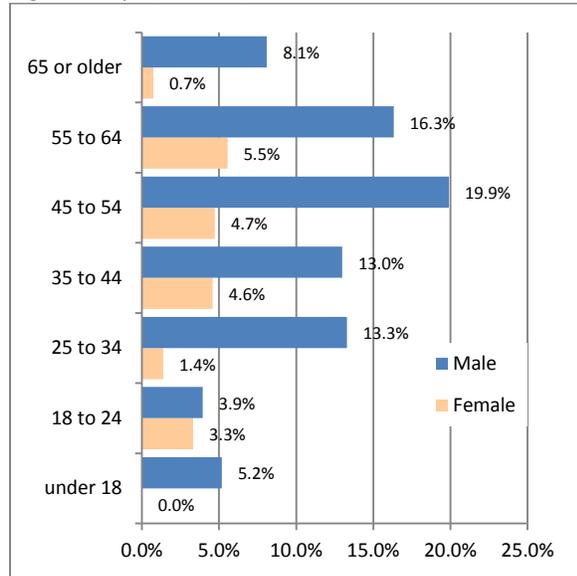
The above data is based on the County economic values proportioned by the % of the total County Angler User Days.

Ashurst Lake Angler Demographics:

Age/Gender	Male	Female	Total
n	124.4	31.7	156.0
%	79.7	20.3	100.0
Mean	45.2	45.2	45.2
Std. Error	1.372	2.613	1.211
Median	48	49	48

Household Income (n=146.6)	n	%
Under \$20,000	19.1	13.0
\$20,000 - \$39,999	22.4	15.3
\$40,000 - \$59,999	31.4	21.4
\$60,000 - \$79,999	21.9	14.9
\$80,000 - \$99,999	27.4	18.7
\$100,000 - \$119,999	13.0	8.9
\$120,000 or more	11.4	7.8

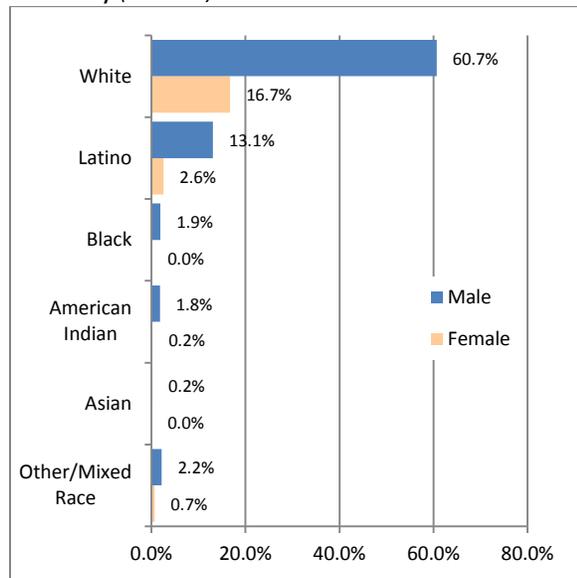
Age Groups (n=156.0)



State Residency (n=156.0)	n	%
AZ	152.7	97.9
MA	2.1	1.3
FL	0.6	0.4
CA	0.3	0.2
NY	0.3	0.2

Arizona City (n=152.7)	n	%
FLAGSTAFF	56.2	36.8
PHOENIX	19.2	12.6
GLENDALE	8.2	5.4
PRESCOTT	7.6	5.0
GILBERT	6.8	4.4
EL MIRAGE	6.1	4.0
MESA	6.1	4.0
COTTONWOOD	5.2	3.4
TUCSON	5.1	3.3
WADDELL	3.0	2.0
CAMP VERDE	2.3	1.5
CHANDLER	2.1	1.4
PEORIA	2.1	1.4
SCOTTSDALE	2.1	1.4
WINSLOW	2.1	1.4
CASA GRANDE	1.6	1.0
WILLIAMS	1.6	1.0
CORNVILLE	1.6	1.0
PRESCOTT VALLEY	1.6	1.0
LAKE HAVASU CITY	1.5	1.0
SAN TAN VALLEY	1.0	0.7
VALLEY FARMS	1.0	0.7
SHOW LOW	1.0	0.6
KINGMAN	1.0	0.6
All Others	6.9	4.5

Ethnicity (n=152.3)



Appendix G. 2013 Estimated Angler User Days by State Water

2013 Estimated Angler User Days extrapolated from license sales by State Water:

Water	♣ Trout		Nontrout		Total	
	AUD	Row %	AUD	Row %	AUD	%
Alamo Lake			88,760	100.00%	88,760	1.48%
Alvord Lake	3,535	35.00%	6,565	65.00%	10,100	0.17%
Apache Lake	24,926	19.33%	104,024	80.67%	128,950	2.15%
Arivaca Lake			10,179	100.00%	10,179	0.17%
Ashurst Lake	41,747	74.13%	14,569	25.87%	56,316	0.94%
ASU Research Park			1,787	100.00%	1,787	0.03%
Bartlett Lake			277,334	100.00%	277,334	4.61%
Bear Canyon Lake	49,471	100.00%			49,471	0.82%
Becker Lake	24,518	100.00%			24,518	0.41%
Big Lake	163,678	100.00%			163,678	2.72%
Black Canyon Lake	38,460	100.00%			38,460	0.64%
Black River, East Fork	29,809	100.00%			29,809	0.50%
Black River, West Fork	11,278	100.00%			11,278	0.19%
C.C. Cragin (Blue Ridge) Reservoir	2,865	47.79%	3,130	52.21%	5,995	0.10%
Canyon Creek	17,945	100.00%			17,945	0.30%
Canyon Lake	44,445	29.41%	106,677	70.59%	151,123	2.51%
Carnero Lake	2,625	100.00%			2,625	0.04%
Cataract Lake	8,135	58.97%	5,660	41.03%	13,796	0.23%
Chaparral Lake	11,042	38.00%	18,016	62.00%	29,059	0.48%
Chevelon Lake	8,317	100.00%			8,317	0.14%
Christopher Creek	14,042	100.00%			14,042	0.23%
City Reservoir	483	78.37%	133	21.63%	616	0.01%
Clear Creek Reservoir	7,733	67.27%	3,762	32.73%	11,495	0.19%
Cluff Ranch Ponds	7,720	40.09%	11,537	59.91%	19,257	0.32%
Colorado River - Ehrenberg/Blythe to Yuma			115,183	100.00%	115,183	1.92%
Colorado River - Lees Ferry	105,775	100.00%			105,775	1.76%
Colorado River - Parker Strip Area			61,069	100.00%	61,069	1.02%
Colorado River - Topock Area	37,806	23.61%	122,320	76.39%	160,125	2.66%
Cortez Lake	2,683	34.00%	5,208	66.00%	7,891	0.13%
Council Park Pond (Somerton)	46	5.09%	857	94.91%	903	0.02%
Crescent Lake	27,767	100.00%			27,767	0.46%
Crystal Gardens Water Treatment Facility			3,574	100.00%	3,574	0.06%
Dead Horse Lake	49,129	73.31%	17,886	26.69%	67,015	1.12%
Desert Breeze Lake	893	45.00%	1,091	55.00%	1,985	0.03%
Dogtown Reservoir	11,353	63.67%	6,478	36.33%	17,831	0.30%
Eagle Creek			2,077	100.00%	2,077	0.03%
East Clear Creek	1,597	100.00%			1,597	0.03%
East Verde River	22,361	68.37%	10,345	31.63%	32,706	0.54%
Encanto Lake	1,088	29.00%	2,664	71.00%	3,752	0.06%
Evelyn Hallman Pond	1,769	33.00%	3,591	67.00%	5,360	0.09%
Fain Lake	15,733	80.39%	3,838	19.61%	19,571	0.33%
Fool Hollow Lake	52,148	60.59%	33,919	39.41%	86,068	1.43%
Fortuna Pond (Moser Pond)	7,438	24.22%	23,273	75.78%	30,711	0.51%
Francis Short Pond	13,271	65.64%	6,947	34.36%	20,218	0.34%
Frye Mesa Reservoir	3,038	100.00%			3,038	0.05%
Gila River - Phoenix Area			39,232	100.00%	39,232	0.65%
Gila River - Safford Area			20,600	100.00%	20,600	0.34%

Appendix G. 2013 Estimated Angler User Days by State Water

2013 Estimated Angler User Days extrapolated from license sales by State Water (continued):

Water	Trout		Nontrout		Total	
	AUD	Row %	AUD	Row %	AUD	%
Goldwater Lake	22,766	73.39%	8,255	26.61%	31,020	0.52%
Granite Basin Lake			9,932	100.00%	9,932	0.17%
Green Valley Lake	13,309	54.00%	11,338	46.00%	24,647	0.41% *
Greer Area Lakes - Bunch, River, Tunnel	17,210	100.00%			17,210	0.29%
Growler Pond			1,191	100.00%	1,191	0.02%
Haigler Creek	10,530	100.00%			10,530	0.18%
JD Dam	706	100.00%			706	0.01%
Kaibab Lake	28,572	66.41%	14,452	33.59%	43,024	0.72%
Kennedy Lake	12,399	49.99%	12,404	50.01%	24,803	0.41% *
Kinnikinick Lake	7,102	78.94%	1,895	21.06%	8,997	0.15%
Kiwanis Lake	1,564	32.00%	3,323	68.00%	4,887	0.08% *
Knoll Lake	18,833	100.00%			18,833	0.31%
Lake Havasu			278,129	100.00%	278,129	4.63%
Lake Mary (Lower)	19,653	100.00%			19,653	0.33%
Lake Mary (Upper)			65,317	100.00%	65,317	1.09%
Lake Mead			52,073	100.00%	52,073	0.87%
Lake Mohave	19,070	15.23%	106,144	84.77%	125,215	2.08%
Lake Pleasant			349,144	100.00%	349,144	5.81%
Lake Powell			130,377	100.00%	130,377	2.17%
Lakeside Lake	6,607	38.00%	10,781	62.00%	17,388	0.29% *
Lee Valley Lake	3,977	100.00%			3,977	0.07%
Little Colorado River (Greer)	10,882	100.00%			10,882	0.18%
Little Colorado River (Sheep's Crossing)	10,320	100.00%			10,320	0.17%
Long Lake	662	35.73%	1,192	64.27%	1,854	0.03%
Luna Lake	14,487	100.00%			14,487	0.24%
Lyman Lake			7,064	100.00%	7,064	0.12%
Lynx Lake	49,860	73.37%	18,097	26.63%	67,957	1.13%
Martinez Lake			12,513	100.00%	12,513	0.21%
Mingus Lake	3,538	100.00%			3,538	0.06%
Mittry Lake			75,911	100.00%	75,911	1.26%
Nelson Reservoir	28,582	76.77%	8,649	23.23%	37,231	0.62%
Oak Creek	34,421	79.52%	8,865	20.48%	43,286	0.72%
Parker Canyon Lake	34,823	52.01%	32,131	47.99%	66,954	1.11%
Patagonia Lake	39,170	26.23%	110,162	73.77%	149,332	2.48%
Pena Blanca Lake	11,926	46.64%	13,645	53.36%	25,571	0.43%
Perkins Tank	810	100.00%			810	0.01%
Phoenix Area Canals			7,914	100.00%	7,914	0.13%
Rainbow Lake	30,891	58.56%	21,860	41.44%	52,751	0.88%
Red Mountain Lake	53,290	36.00%	94,738	64.00%	148,028	2.46% *
Redondo Lake	1,528	24.22%	4,781	75.78%	6,310	0.10%
Riggs Flat Lake	7,017	100.00%			7,017	0.12%
Rio Vista Pond	2,904	41.00%	4,179	59.00%	7,082	0.12% *
Roosevelt Lake			453,525	100.00%	453,525	7.55%
Roper Lake	8,698	33.02%	17,643	66.98%	26,341	0.44%
Rose Canyon Lake	37,355	100.00%			37,355	0.62%
Saguaro Lake	59,451	20.63%	228,728	79.37%	288,179	4.80%
Sahuarita Lake	8,942	44.00%	11,381	56.00%	20,323	0.34% *

Appendix G. 2013 Estimated Angler User Days by State Water

2013 Estimated Angler User Days extrapolated from license sales by State Water (continued):

Water	‡ Trout		Nontrout		Total	
	AUD	Row %	AUD	Row %	AUD	%
Salt River (Above Roosevelt)			54,668	100.00%	54,668	0.91%
Salt River (Below Saguaro)	45,242	43.42%	58,954	56.58%	104,197	1.73%
San Fransico River			4,498	100.00%	4,498	0.07%
San Pedro River			992	100.00%	992	0.02%
Santa Fe Lake	1,232	48.37%	1,315	51.63%	2,546	0.04%
Scotts Reservoir	2,349	39.88%	3,542	60.12%	5,891	0.10%
Show Low Lake	43,646	60.87%	28,058	39.13%	71,704	1.19%
Silver Creek	21,517	100.00%			21,517	0.36%
Silverbell Lake	54,506	42.00%	75,271	58.00%	129,777	2.16%
Steele Indian School Pond	528	28.00%	1,359	72.00%	1,887	0.03%
Surprise Lake	11,919	40.00%	17,879	60.00%	29,798	0.50%
Tempe Town Lake	19,812	45.72%	23,522	54.28%	43,334	0.72%
Tonto Creek (Salt River Drainage)	56,416	100.00%			56,416	0.94%
Verde River (Bartlett Dam to Fort McDowell Indian Reservation)			8,379	100.00%	8,379	0.14%
Verde River (Sullivan Lk to Perkinsville)			16,884	100.00%	16,884	0.28%
Verde River (Sycamore Ck to Childs)	23,809	55.56%	19,044	44.44%	42,853	0.71%
Veterans Oasis Lake	64,040	42.00%	88,436	58.00%	152,476	2.54%
Water Ranch Lake	23,388	41.00%	33,655	59.00%	57,043	0.95%
Watson Lake	10,363	50.13%	10,309	49.87%	20,671	0.34%
Wet Beaver Creek	1,555	85.94%	254	14.06%	1,810	0.03%
Whitehorse Lake	9,521	70.32%	4,018	29.68%	13,539	0.23%
Willow Springs Lake	84,758	69.91%	36,481	30.09%	121,239	2.02%
Woodland Reservoir	2,523	48.23%	2,708	51.77%	5,230	0.09%
Woods Canyon Lake	155,019	100.00%			155,019	2.58%
Yuma Area Canals			44,899	100.00%	44,899	0.75%
Yuma West Wetlands Pond	6,845	29.97%	15,994	70.03%	22,839	0.38%
Total:	2,137,515	35.57%	3,871,135	64.43%	6,008,650	99.98%
			† Miscellaneous State Waters:		1,059	0.02%
			Arizona Total:		6,009,709	100.00%

Community Fishing Program Waters: 274,408 40.58% 401,879 59.42% 676,286 11.25% *

† = Miscellaneous State Waters: Ackre Lake, Coors Lake, Dankworth Pond, Dude Creek, Elk Tank, Huffer Tank, Hulsey Lake, Nutrioso Reservoir, Pratt Lake, Scholze Lake, West Clear Creek, White Mountain Lake, and Workman Creek. Excluded from master list due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

‡ Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Appendix G. 2013 Estimated Angler User Days by State Water

Appendix H. State Waters Ranked by the 2013 Estimated Angler User Days

State Waters Ranked by the 2013 Estimated Angler User Days extrapolated from license sales:

Rank	Water	± Trout		NontROUT		Total		Cumulative %
		AUD	Row %	AUD	Row %	AUD	%	
	Arizona (excluding misc. waters):	2,137,515	35.57%	3,871,135	64.43%	6,008,650	99.98%	
1	Roosevelt Lake			453,525	100.00%	453,525	7.55%	7.55%
2	Lake Pleasant			349,144	100.00%	349,144	5.81%	13.36%
3	Saguaro Lake	59,451	20.63%	228,728	79.37%	288,179	4.80%	18.15%
4	Lake Havasu			278,129	100.00%	278,129	4.63%	22.78%
5	Bartlett Lake			277,334	100.00%	277,334	4.61%	27.39%
6	Big Lake	163,678	100.00%			163,678	2.72%	30.12%
7	Colorado River - Topock Area	37,806	23.61%	122,320	76.39%	160,125	2.66%	32.78%
8	Woods Canyon Lake	155,019	100.00%			155,019	2.58%	35.36%
9	Veterans Oasis Lake	64,040	42.00%	88,436	58.00%	152,476	2.54%	37.90%
10	Canyon Lake	44,445	29.41%	106,677	70.59%	151,123	2.51%	40.41%
11	Patagonia Lake	39,170	26.23%	110,162	73.77%	149,332	2.48%	42.90%
12	Red Mountain Lake	53,290	36.00%	94,738	64.00%	148,028	2.46%	45.36%
13	Lake Powell			130,377	100.00%	130,377	2.17%	47.53%
14	Silverbell Lake	54,506	42.00%	75,271	58.00%	129,777	2.16%	49.69%
15	Apache Lake	24,926	19.33%	104,024	80.67%	128,950	2.15%	51.84%
16	Lake Mohave	19,070	15.23%	106,144	84.77%	125,215	2.08%	53.92%
17	Willow Springs Lake	84,758	69.91%	36,481	30.09%	121,239	2.02%	55.94%
18	Colorado River - Ehrenberg/Blythe to Yuma			115,183	100.00%	115,183	1.92%	57.85%
19	Colorado River - Lees Ferry	105,775	100.00%			105,775	1.76%	59.61%
20	Salt River (Below Saguaro)	45,242	43.42%	58,954	56.58%	104,197	1.73%	61.35%
21	Alamo Lake			88,760	100.00%	88,760	1.48%	62.82%
22	Fool Hollow Lake	52,148	60.59%	33,919	39.41%	86,068	1.43%	64.26%
23	Mittry Lake			75,911	100.00%	75,911	1.26%	65.52%
24	Show Low Lake	43,646	60.87%	28,058	39.13%	71,704	1.19%	66.71%
25	Lynx Lake	49,860	73.37%	18,097	26.63%	67,957	1.13%	67.84%
26	Dead Horse Lake	49,129	73.31%	17,886	26.69%	67,015	1.12%	68.96%
27	Parker Canyon Lake	34,823	52.01%	32,131	47.99%	66,954	1.11%	70.07%
28	Lake Mary (Upper)			65,317	100.00%	65,317	1.09%	71.16%
29	Colorado River - Parker Strip Area			61,069	100.00%	61,069	1.02%	72.18%
30	Water Ranch Lake	23,388	41.00%	33,655	59.00%	57,043	0.95%	73.12%
31	Tonto Creek (Salt River Drainage)	56,416	100.00%			56,416	0.94%	74.06%
32	Ashurst Lake	41,747	74.13%	14,569	25.87%	56,316	0.94%	75.00%
33	Salt River (Above Roosevelt)			54,668	100.00%	54,668	0.91%	75.91%
34	Rainbow Lake	30,891	58.56%	21,860	41.44%	52,751	0.88%	76.79%
35	Lake Mead			52,073	100.00%	52,073	0.87%	77.65%
36	Bear Canyon Lake	49,471	100.00%			49,471	0.82%	78.48%
37	Yuma Area Canals			44,899	100.00%	44,899	0.75%	79.22%
38	Tempe Town Lake	19,812	45.72%	23,522	54.28%	43,334	0.72%	79.95%
39	Oak Creek	34,421	79.52%	8,865	20.48%	43,286	0.72%	80.67%
40	Kaibab Lake	28,572	66.41%	14,452	33.59%	43,024	0.72%	81.38%
41	Verde River (Sycamore Ck to Childs)	23,809	55.56%	19,044	44.44%	42,853	0.71%	82.10%
42	Gila River - Phoenix Area			39,232	100.00%	39,232	0.65%	82.75%
43	Black Canyon Lake	38,460	100.00%			38,460	0.64%	83.39%
44	Rose Canyon Lake	37,355	100.00%			37,355	0.62%	84.01%
45	Nelson Reservoir	28,582	76.77%	8,649	23.23%	37,231	0.62%	84.63%
46	East Verde River	22,361	68.37%	10,345	31.63%	32,706	0.54%	85.17%

Appendix H. State Waters Ranked by the 2013 Estimated Angler User Days

State Waters Ranked by the 2013 Estimated Angler User Days extrapolated from license sales (continued):

Rank	Water	± Trout		Nontrout		Total		Cumulative %
		AUD	Row %	AUD	Row %	AUD	%	
47	Goldwater Lake	22,766	73.39%	8,255	26.61%	31,020	0.52%	85.69%
48	Fortuna Pond (Moser Pond)	7,438	24.22%	23,273	75.78%	30,711	0.51%	86.20%
49	Black River, East Fork	29,809	100.00%			29,809	0.50%	86.70%
50	Surprise Lake	11,919	40.00%	17,879	60.00%	29,798	0.50%	87.19%
51	Chaparral Lake	11,042	38.00%	18,016	62.00%	29,059	0.48%	87.68%
52	Crescent Lake	27,767	100.00%			27,767	0.46%	88.14%
53	Roper Lake	8,698	33.02%	17,643	66.98%	26,341	0.44%	88.58%
54	Pena Blanca Lake	11,926	46.64%	13,645	53.36%	25,571	0.43%	89.00%
55	Kennedy Lake	12,399	49.99%	12,404	50.01%	24,803	0.41%	89.41%
56	Green Valley Lake	13,309	54.00%	11,338	46.00%	24,647	0.41%	89.82%
57	Becker Lake	24,518	100.00%			24,518	0.41%	90.23%
58	Yuma West Wetlands Pond	6,845	29.97%	15,994	70.03%	22,839	0.38%	90.61%
59	Silver Creek	21,517	100.00%			21,517	0.36%	90.97%
60	Watson Lake	10,363	50.13%	10,309	49.87%	20,671	0.34%	91.31%
61	Gila River - Safford Area			20,600	100.00%	20,600	0.34%	91.66%
62	Sahuarita Lake	8,942	44.00%	11,381	56.00%	20,323	0.34%	92.00%
63	Francis Short Pond	13,271	65.64%	6,947	34.36%	20,218	0.34%	92.33%
64	Lake Mary (Lower)	19,653	100.00%			19,653	0.33%	92.66%
65	Fain Lake	15,733	80.39%	3,838	19.61%	19,571	0.33%	92.98%
66	Cluff Ranch Ponds	7,720	40.09%	11,537	59.91%	19,257	0.32%	93.31%
67	Knoll Lake	18,833	100.00%			18,833	0.31%	93.62%
68	Canyon Creek	17,945	100.00%			17,945	0.30%	93.92%
69	Dogtown Reservoir	11,353	63.67%	6,478	36.33%	17,831	0.30%	94.21%
70	Lakeside Lake	6,607	38.00%	10,781	62.00%	17,388	0.29%	94.50%
71	Greer Area Lakes - Bunch, River, Tunnel	17,210	100.00%			17,210	0.29%	94.79%
72	Verde River (Sullivan Lk to Perkinsville)			16,884	100.00%	16,884	0.28%	95.07%
73	Luna Lake	14,487	100.00%			14,487	0.24%	95.31%
74	Christopher Creek	14,042	100.00%			14,042	0.23%	95.55%
75	Cataract Lake	8,135	58.97%	5,660	41.03%	13,796	0.23%	95.77%
76	Whitehorse Lake	9,521	70.32%	4,018	29.68%	13,539	0.23%	96.00%
77	Martinez Lake			12,513	100.00%	12,513	0.21%	96.21%
78	Clear Creek Reservoir	7,733	67.27%	3,762	32.73%	11,495	0.19%	96.40%
79	Black River, West Fork	11,278	100.00%			11,278	0.19%	96.59%
80	Little Colorado River (Greer)	10,882	100.00%			10,882	0.18%	96.77%
81	Haigler Creek	10,530	100.00%			10,530	0.18%	96.94%
82	Little Colorado River (Sheep's Crossing)	10,320	100.00%			10,320	0.17%	97.12%
83	Arivaca Lake			10,179	100.00%	10,179	0.17%	97.28%
84	Alvord Lake	3,535	35.00%	6,565	65.00%	10,100	0.17%	97.45%
85	Granite Basin Lake			9,932	100.00%	9,932	0.17%	97.62%
86	Kinnikinick Lake	7,102	78.94%	1,895	21.06%	8,997	0.15%	97.77%
87	Verde River (Bartlett Dam to Fort McDowell Indian Reservation)			8,379	100.00%	8,379	0.14%	97.91%
88	Chevelon Lake	8,317	100.00%			8,317	0.14%	98.05%
89	Phoenix Area Canals			7,914	100.00%	7,914	0.13%	98.18%
90	Cortez Lake	2,683	34.00%	5,208	66.00%	7,891	0.13%	98.31%
91	Rio Vista Pond	2,904	41.00%	4,179	59.00%	7,082	0.12%	98.43%
92	Lyman Lake			7,064	100.00%	7,064	0.12%	98.54%
93	Riggs Flat Lake	7,017	100.00%			7,017	0.12%	98.66%

Appendix H. State Waters Ranked by the 2013 Estimated Angler User Days

State Waters Ranked by the 2013 Estimated Angler User Days extrapolated from license sales (continued):

Rank	Water	‡ Trout		Nontrout		Total		Cumulative %
		AUD	Row %	AUD	Row %	AUD	%	
94	Redondo Lake	1,528	24.22%	4,781	75.78%	6,310	0.10%	98.77%
95	C.C. Cragin (Blue Ridge) Reservoir	2,865	47.79%	3,130	52.21%	5,995	0.10%	98.87%
96	Scotts Reservoir	2,349	39.88%	3,542	60.12%	5,891	0.10%	98.96%
97	Evelyn Hallman Pond	1,769	33.00%	3,591	67.00%	5,360	0.09%	99.05%
98	Woodland Reservoir	2,523	48.23%	2,708	51.77%	5,230	0.09%	99.14%
99	Kiwanis Lake	1,564	32.00%	3,323	68.00%	4,887	0.08%	99.22%
100	San Fransico River			4,498	100.00%	4,498	0.07%	99.30%
101	Lee Valley Lake	3,977	100.00%			3,977	0.07%	99.36%
102	Encanto Lake	1,088	29.00%	2,664	71.00%	3,752	0.06%	99.42%
103	Crystal Gardens Water Treatment Facility			3,574	100.00%	3,574	0.06%	99.48%
104	Mingus Lake	3,538	100.00%			3,538	0.06%	99.54%
105	Frye Mesa Reservoir	3,038	100.00%			3,038	0.05%	99.59%
106	Carnero Lake	2,625	100.00%			2,625	0.04%	99.64%
107	Santa Fe Lake	1,232	48.37%	1,315	51.63%	2,546	0.04%	99.68%
108	Eagle Creek			2,077	100.00%	2,077	0.03%	99.71%
109	Desert Breeze Lake	893	45.00%	1,091	55.00%	1,985	0.03%	99.75%
110	Steele Indian School Pond	528	28.00%	1,359	72.00%	1,887	0.03%	99.78%
111	Long Lake	662	35.73%	1,192	64.27%	1,854	0.03%	99.81%
112	Wet Beaver Creek	1,555	85.94%	254	14.06%	1,810	0.03%	99.84%
113	ASU Research Park			1,787	100.00%	1,787	0.03%	99.87%
114	East Clear Creek	1,597	100.00%			1,597	0.03%	99.90%
115	Growler Pond			1,191	100.00%	1,191	0.02%	99.92%
116	San Pedro River			992	100.00%	992	0.02%	99.93%
117	Council Park Pond (Somerton)	46	5.09%	857	94.91%	903	0.02%	99.95%
118	Perkins Tank	810	100.00%			810	0.01%	99.96%
119	JD Dam	706	100.00%			706	0.01%	99.97%
120	City Reservoir	483	78.37%	133	21.63%	616	0.01%	99.98%

† Miscellaneous State Waters: 1,059 0.02% 0.02%

Arizona Total: 6,009,709 100.00% 100.00%

† = Miscellaneous State Waters: Ackre Lake, Coors Lake, Dankworth Pond, Dude Creek, Elk Tank, Huffer Tank, Hulsey Lake, Nutrioso Reservoir, Pratt Lake, Scholze Lake, West Clear Creek, White Mountain Lake, and Workman Creek. Excluded from master list due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

‡ Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Appendix H. State Waters Ranked by the 2013 Estimated Angler User Days

Appendix I. 2013 Estimated Angler User Days by Arizona County

2013 Estimated Angler User Days extrapolated from license sales by Arizona County:

Apache County 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Becker Lake	24,518	100.00%			24,518	6.79%	
Big Lake	163,678	100.00%			163,678	45.36%	
Black River, East Fork	29,809	100.00%			29,809	8.26%	
Black River, West Fork	11,278	100.00%			11,278	3.13%	
Carnero Lake	2,625	100.00%			2,625	0.73%	
Crescent Lake	27,767	100.00%			27,767	7.69%	
Greer Area Lakes - Bunch, River, Tunnel	17,210	100.00%			17,210	4.77%	
Lee Valley Lake	3,977	100.00%			3,977	1.10%	
Little Colorado River (Greer)	10,882	100.00%			10,882	3.02%	
Little Colorado River (Sheep's Crossing)	10,320	100.00%			10,320	2.86%	
Luna Lake	14,487	100.00%			14,487	4.01%	
Lyman Lake			7,064	100.00%	7,064	1.96%	
Nelson Reservoir	28,582	76.77%	8,649	23.23%	37,231	10.32%	
Total	345,134	95.65%	15,712	4.35%	360,847	100.00%	6.00%

Cochise County 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Parker Canyon Lake	34,823	52.01%	32,131	47.99%	66,954	98.54%	
San Pedro River			992	100.00%	992	1.46%	
Total	34,823	51.25%	33,124	48.75%	67,947	100.00%	1.13%

Appendix I. 2013 Estimated Angler User Days by Arizona County

2013 Estimated Angler User Days extrapolated from license sales by Arizona County (continued):

Coconino County 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Ashurst Lake	41,747	74.13%	14,569	25.87%	56,316	6.37%	
Bear Canyon Lake	49,471	100.00%			49,471	5.60%	
C.C. Cragin (Blue Ridge) Reservoir	2,865	47.79%	3,130	52.21%	5,995	0.68%	
Cataract Lake	8,135	58.97%	5,660	41.03%	13,796	1.56%	
Chevelon Lake	8,317	100.00%			8,317	0.94%	
City Reservoir	483	78.37%	133	21.63%	616	0.07%	
Colorado River - Lees Ferry	105,775	100.00%			105,775	11.97%	
Dogtown Reservoir	11,353	63.67%	6,478	36.33%	17,831	2.02%	
East Clear Creek	1,597	100.00%			1,597	0.18%	
Francis Short Pond	13,271	65.64%	6,947	34.36%	20,218	2.29%	
JD Dam	706	100.00%			706	0.08%	
Kaibab Lake	28,572	66.41%	14,452	33.59%	43,024	4.87%	
Kinnikinick Lake	7,102	78.94%	1,895	21.06%	8,997	1.02%	
Knoll Lake	18,833	100.00%			18,833	2.13%	
Lake Mary (Lower)	19,653	100.00%			19,653	2.22%	
Lake Mary (Upper)			65,317	100.00%	65,317	7.39%	
Lake Powell			130,377	100.00%	130,377	14.76%	
Long Lake	662	35.73%	1,192	64.27%	1,854	0.21%	
Oak Creek (50%)	17,211	79.52%	4,433	20.48%	21,643	2.45%	
Perkins Tank	810	100.00%			810	0.09%	
Santa Fe Lake	1,232	48.37%	1,315	51.63%	2,546	0.29%	
Whitehorse Lake	9,521	70.32%	4,018	29.68%	13,539	1.53%	
Willow Springs Lake	84,758	69.91%	36,481	30.09%	121,239	13.72%	
Woods Canyon Lake	155,019	100.00%			155,019	17.55%	
Total	587,092	66.45%	296,395	33.55%	883,488	100.00%	14.70%

Gila County 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Canyon Creek	17,945	100.00%			17,945	2.70%	
Christopher Creek	14,042	100.00%			14,042	2.11%	
East Verde River	22,361	68.37%	10,345	31.63%	32,706	4.92%	
Green Valley Lake	13,309	54.00%	11,338	46.00%	24,647	3.71%	
Haigler Creek	10,530	100.00%			10,530	1.58%	
Roosevelt Lake			453,525	100.00%	453,525	68.25%	
Salt River (Above Roosevelt)			54,668	100.00%	54,668	8.23%	
Tonto Creek (Salt River Drainage)	56,416	100.00%			56,416	8.49%	
Total	134,603	20.26%	529,876	79.74%	664,478	100.00%	11.06%

Appendix I. 2013 Estimated Angler User Days by Arizona County

2013 Estimated Angler User Days extrapolated from license sales by Arizona County (continued):

Graham County 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Cluff Ranch Ponds	7,720	40.09%	11,537	59.91%	19,257	24.58%	
Eagle Creek			2,077	100.00%	2,077	2.65%	
Frye Mesa Reservoir	3,038	100.00%			3,038	3.88%	
Gila River - Safford Area			20,600	100.00%	20,600	26.30%	
Riggs Flat Lake	7,017	100.00%			7,017	8.96%	
Roper Lake	8,698	33.02%	17,643	66.98%	26,341	33.63%	
Total	26,472	33.80%	51,856	66.20%	78,329	100.00%	1.30%

Greenlee County 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
San Francisco River			4,498	100.00%	4,498	100.00%	
Total	0	0.00%	4,498	100.00%	4,498	100.00%	0.07%

La Paz County 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Alamo Lake			88,760	100.00%	88,760	42.79%	
Colorado River - Ehrenberg/Blythe to Yuma (50%)			57,591	100.00%	57,591	27.77%	
Colorado River - Parker Strip Area			61,069	100.00%	61,069	29.44%	
Total	0	0.00%	207,420	100.00%	207,420	100.00%	3.45%

Appendix I. 2013 Estimated Angler User Days by Arizona County

2013 Estimated Angler User Days extrapolated from license sales by Arizona County (continued):

Maricopa County 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Apache Lake	24,926	19.33%	104,024	80.67%	128,950	6.92%	
Alvord Lake	3,535	35.00%	6,565	65.00%	10,100	0.54%	
ASU Research Park			1,787	100.00%	1,787	0.10%	
Bartlett Lake			277,334	100.00%	277,334	14.89%	
Canyon Lake	44,445	29.41%	106,677	70.59%	151,123	8.11%	
Chaparral Lake	11,042	38.00%	18,016	62.00%	29,059	1.56%	
Cortez Lake	2,683	34.00%	5,208	66.00%	7,891	0.42%	
Crystal Gardens Water Treatment Facility			3,574	100.00%	3,574	0.19%	
Desert Breeze Lake	893	45.00%	1,091	55.00%	1,985	0.11%	
Encanto Lake	1,088	29.00%	2,664	71.00%	3,752	0.20%	
Evelyn Hallman Pond	1,769	33.00%	3,591	67.00%	5,360	0.29%	
Gila River - Phoenix Area			39,232	100.00%	39,232	2.11%	
Kiwanis Lake	1,564	32.00%	3,323	68.00%	4,887	0.26%	
Lake Pleasant			349,144	100.00%	349,144	18.75%	
Phoenix Area Canals			7,914	100.00%	7,914	0.42%	
Red Mountain Lake	53,290	36.00%	94,738	64.00%	148,028	7.95%	
Rio Vista Pond	2,904	41.00%	4,179	59.00%	7,082	0.38%	
Saguaro Lake	59,451	20.63%	228,728	79.37%	288,179	15.47%	
Salt River (Below Saguaro)	45,242	43.42%	58,954	56.58%	104,197	5.59%	
Steele Indian School Pond	528	28.00%	1,359	72.00%	1,887	0.10%	
Surprise Lake	11,919	40.00%	17,879	60.00%	29,798	1.60%	
Tempe Town Lake	19,812	45.72%	23,522	54.28%	43,334	2.33%	
Verde River (Bartlett Dam to Fort McDowell Indian Res.)			8,379	100.00%	8,379	0.45%	
Veterans Oasis Lake	64,040	42.00%	88,436	58.00%	152,476	8.19%	
Water Ranch Lake	23,388	41.00%	33,655	59.00%	57,043	3.06%	
Total	372,521	20.00%	1,489,975	80.00%	1,862,496	100.00%	30.99%

Mohave County 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Colorado River - Topock Area	37,806	23.61%	122,320	76.39%	160,125	26.01%	
Lake Havasu			278,129	100.00%	278,129	45.18%	
Lake Mead			52,073	100.00%	52,073	8.46%	
Lake Mohave	19,070	15.23%	106,144	84.77%	125,215	20.34%	
Total	56,876	9.24%	558,666	90.76%	615,541	100.00%	10.24%

Appendix I. 2013 Estimated Angler User Days by Arizona County

2013 Estimated Angler User Days extrapolated from license sales by Arizona County (continued):

Navajo County 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Black Canyon Lake	38,460	100.00%			38,460	13.12%	
Clear Creek Reservoir	7,733	67.27%	3,762	32.73%	11,495	3.92%	
Fool Hollow Lake	52,148	60.59%	33,919	39.41%	86,068	29.36%	
Rainbow Lake	30,891	58.56%	21,860	41.44%	52,751	18.00%	
Scotts Reservoir	2,349	39.88%	3,542	60.12%	5,891	2.01%	
Show Low Lake	43,646	60.87%	28,058	39.13%	71,704	24.46%	
Silver Creek	21,517	100.00%			21,517	7.34%	
Woodland Reservoir	2,523	48.23%	2,708	51.77%	5,230	1.78%	
Total	199,267	67.98%	93,849	32.02%	293,115	100.00%	4.88%

Pima County 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Arivaca Lake			10,179	100.00%	10,179	4.24%	
Kennedy Lake	12,399	49.99%	12,404	50.01%	24,803	10.34%	
Lakeside Lake	6,607	38.00%	10,781	62.00%	17,388	7.25%	
Rose Canyon Lake	37,355	100.00%			37,355	15.58%	
Sahuarita Lake	8,942	44.00%	11,381	56.00%	20,323	8.47%	
Silverbell Lake	54,506	42.00%	75,271	58.00%	129,777	54.11%	
Total	119,810	49.96%	120,014	50.04%	239,824	100.00%	3.99%

Pinal County had no angling activity reported.

Santa Cruz County 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Patagonia Lake	39,170	26.23%	110,162	73.77%	149,332	85.38%	
Pena Blanca Lake	11,926	46.64%	13,645	53.36%	25,571	14.62%	
Total	51,096	29.21%	123,807	70.79%	174,903	100.00%	2.91%

Appendix I. 2013 Estimated Angler User Days by Arizona County

2013 Estimated Angler User Days extrapolated from license sales by Arizona County (continued):

Yavapai County 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Dead Horse Lake	49,129	73.31%	17,886	26.69%	67,015	22.12%	
Fain Lake	15,733	80.39%	3,838	19.61%	19,571	6.46%	
Goldwater Lake	22,766	73.39%	8,255	26.61%	31,020	10.24%	
Granite Basin Lake			9,932	100.00%	9,932	3.28%	
Lynx Lake	49,860	73.37%	18,097	26.63%	67,957	22.44%	
Mingus Lake	3,538	100.00%			3,538	1.17%	
Oak Creek (50%)	17,211	79.52%	4,433	20.48%	21,643	7.15%	
Verde River (Sullivan Lk to Perkinsville)			16,884	100.00%	16,884	5.57%	
Verde River (Sycamore Ck to Childs)	23,809	55.56%	19,044	44.44%	42,853	14.15%	
Watson Lake	10,363	50.13%	10,309	49.87%	20,671	6.82%	
Wet Beaver Creek	1,555	85.94%	254	14.06%	1,810	0.60%	
Total	193,963	64.04%	108,932	35.96%	302,895	100.00%	5.04%

Yuma County 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Colorado River - Ehrenberg/Blythe to Yuma (50%)			57,591	100.00%	57,591	22.78%	
Council Park Pond (Somerton)	46	5.09%	857	94.91%	903	0.36%	
Fortuna Pond (Moser Pond)	7,438	24.22%	23,273	75.78%	30,711	12.15%	
Growler Pond			1,191	100.00%	1,191	0.47%	
Martinez Lake			12,513	100.00%	12,513	4.95%	
Mittry Lake			75,911	100.00%	75,911	30.02%	
Redondo Lake	1,528	24.22%	4,781	75.78%	6,310	2.50%	
Yuma Area Canals			44,899	100.00%	44,899	17.76%	
Yuma West Wetlands Pond	6,845	29.97%	15,994	70.03%	22,839	9.03%	
Total	15,857	6.27%	237,011	93.73%	252,868	100.00%	4.21%

Appendix I. 2013 Estimated Angler User Days by Arizona County

2013 Estimated Angler User Days extrapolated from license sales by Arizona County (continued):

2013 Estimated Angler User Days Summary by County :

Arizona County	‡ Trout		NontROUT		Total	
	AUD	Row %	AUD	Row %	AUD	%
Apache	345,134	95.65%	15,712	4.35%	360,847	6.00%
Cochise	34,823	51.25%	33,124	48.75%	67,947	1.13%
Coconino	587,092	66.45%	296,395	33.55%	883,488	14.70%
Gila	134,603	20.26%	529,876	79.74%	664,478	11.06%
Graham	26,472	33.80%	51,856	66.20%	78,329	1.30%
Greenlee			4,498	100.00%	4,498	0.07%
La Paz			207,420	100.00%	207,420	3.45%
Maricopa	372,521	20.00%	1,489,975	80.00%	1,862,496	30.99%
Mohave	56,876	9.24%	558,666	90.76%	615,541	10.24%
Navajo	199,267	67.98%	93,849	32.02%	293,115	4.88%
Pima	119,810	49.96%	120,014	50.04%	239,824	3.99%
Pinal					0	0.00%
Santa Cruz	51,096	29.21%	123,807	70.79%	174,903	2.91%
Yavapai	193,963	64.04%	108,932	35.96%	302,895	5.04%
Yuma	15,857	6.27%	237,011	93.73%	252,868	4.21%
Total	2,137,515	35.57%	3,871,135	64.43%	6,008,650	99.98%
<i>† Miscellaneous State Waters:</i>					<i>1,059</i>	<i>0.02%</i>
Arizona Total:					6,009,709	100.00%

† = Miscellaneous State Waters: Ackre Lake, Coors Lake, Dankworth Pond, Dude Creek, Elk Tank, Huffer Tank, Hulsey Lake, Nutrioso Reservoir, Pratt Lake, Scholze Lake, West Clear Creek, White Mountain Lake, and Workman Creek. Excluded from master list due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

‡ Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Appendix I. 2013 Estimated Angler User Days by Arizona County

Appendix J. 2013 Estimated Angler User Days by Arizona Game & Fish Department Region

2013 Estimated Angler User Days extrapolated from license sales by Arizona Game and Fish Department Region:

Region I (Pinetop) 2013 Estimated Angler User Days:

Water	± Trout		NontROUT		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Bear Canyon Lake	49,471	100.00%			49,471	4.97%	
Becker Lake	24,518	100.00%			24,518	2.47%	
Big Lake	163,678	100.00%			163,678	16.46%	
Black Canyon Lake	38,460	100.00%			38,460	3.87%	
Black River, East Fork	29,809	100.00%			29,809	3.00%	
Black River, West Fork	11,278	100.00%			11,278	1.13%	
Carnero Lake	2,625	100.00%			2,625	0.26%	
Chevelon Lake	8,317	100.00%			8,317	0.84%	
Clear Creek Reservoir	7,733	67.27%	3,762	32.73%	11,495	1.16%	
Crescent Lake	27,767	100.00%			27,767	2.79%	
Eagle Creek			2,077	100.00%	2,077	0.21%	
Fool Hollow Lake	52,148	60.59%	33,919	39.41%	86,068	8.65%	
Greer Area Lakes - Bunch, River, Tunnel	17,210	100.00%			17,210	1.73%	
Lee Valley Lake	3,977	100.00%			3,977	0.40%	
Little Colorado River (Greer)	10,882	100.00%			10,882	1.09%	
Little Colorado River (Sheep's Crossing)	10,320	100.00%			10,320	1.04%	
Luna Lake	14,487	100.00%			14,487	1.46%	
Lyman Lake			7,064	100.00%	7,064	0.71%	
Nelson Reservoir	28,582	76.77%	8,649	23.23%	37,231	3.74%	
Rainbow Lake	30,891	58.56%	21,860	41.44%	52,751	5.30%	
San Francisco River			4,498	100.00%	4,498	0.45%	
Scotts Reservoir	2,349	39.88%	3,542	60.12%	5,891	0.59%	
Show Low Lake	43,646	60.87%	28,058	39.13%	71,704	7.21%	
Silver Creek	21,517	100.00%			21,517	2.16%	
Willow Springs Lake	84,758	69.91%	36,481	30.09%	121,239	12.19%	
Woodland Reservoir	2,523	48.23%	2,708	51.77%	5,230	0.53%	
Woods Canyon Lake	155,019	100.00%			155,019	15.59%	
Total	841,966	84.66%	152,617	15.34%	994,582	100.00%	16.55%

Appendix J. 2013 Estimated Angler User Days by Arizona Game & Fish Department Region

2013 Estimated Angler User Days extrapolated from license sales by Arizona Game and Fish Department Region (continued):

Region II (Flagstaff) 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Ashurst Lake	41,747	74.13%	14,569	25.87%	56,316	9.83%	
C.C. Cragin (Blue Ridge) Reservoir	2,865	47.79%	3,130	52.21%	5,995	1.05%	
Cataract Lake	8,135	58.97%	5,660	41.03%	13,796	2.41%	
City Reservoir	483	78.37%	133	21.63%	616	0.11%	
Colorado River - Lees Ferry	105,775	100.00%			105,775	18.46%	
Dogtown Reservoir	11,353	63.67%	6,478	36.33%	17,831	3.11%	
East Clear Creek	1,597	100.00%			1,597	0.28%	
Francis Short Pond	13,271	65.64%	6,947	34.36%	20,218	3.53%	
JD Dam	706	100.00%			706	0.12%	
Kaibab Lake	28,572	66.41%	14,452	33.59%	43,024	7.51%	
Kinnikinick Lake	7,102	78.94%	1,895	21.06%	8,997	1.57%	
Knoll Lake	18,833	100.00%			18,833	3.29%	
Lake Mary (Lower)	19,653	100.00%			19,653	3.43%	
Lake Mary (Upper)			65,317	100.00%	65,317	11.40%	
Lake Powell			130,377	100.00%	130,377	22.76%	
Long Lake	662	35.73%	1,192	64.27%	1,854	0.32%	
Oak Creek	34,421	79.52%	8,865	20.48%	43,286	7.56%	
Perkins Tank	810	100.00%			810	0.14%	
Santa Fe Lake	1,232	48.37%	1,315	51.63%	2,546	0.44%	
Wet Beaver Creek	1,555	85.94%	254	14.06%	1,810	0.32%	
Whitehorse Lake	9,521	70.32%	4,018	29.68%	13,539	2.36%	
Total	308,294	53.81%	264,602	46.19%	572,896	100.00%	9.53%

Region III (Kingman) 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Colorado River - Topock Area	37,806	23.61%	122,320	76.39%	160,125	25.96%	
Dead Horse Lake	49,129	73.31%	17,886	26.69%	67,015	10.86%	
Fain Lake	15,733	80.39%	3,838	19.61%	19,571	3.17%	
Goldwater Lake	22,766	73.39%	8,255	26.61%	31,020	5.03%	
Granite Basin Lake			9,932	100.00%	9,932	1.61%	
Lake Mead			52,073	100.00%	52,073	8.44%	
Lake Mohave	19,070	15.23%	106,144	84.77%	125,215	20.30%	
Lynx Lake	49,860	73.37%	18,097	26.63%	67,957	11.02%	
Mingus Lake	3,538	100.00%			3,538	0.57%	
Verde River (Sullivan Lk to Perkinsville)			16,884	100.00%	16,884	2.74%	
Verde River (Sycamore Ck to Childs)	23,809	55.56%	19,044	44.44%	42,853	6.95%	
Watson Lake	10,363	50.13%	10,309	49.87%	20,671	3.35%	
Total	232,073	37.62%	384,782	62.38%	616,855	100.00%	10.26%

Appendix J. 2013 Estimated Angler User Days by Arizona Game & Fish Department Region

2013 Estimated Angler User Days extrapolated from license sales by Arizona Game and Fish Department Region (continued):

Region IV (Yuma) 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Alamo Lake			88,760	100.00%	88,760	12.02%	
Colorado River - Parker Strip Area			61,069	100.00%	61,069	8.27%	
Colorado River - Ehrenberg/Blythe to Yuma			115,183	100.00%	115,183	15.60%	
Council Park Pond (Somerton)	46	5.09%	857	94.91%	903	0.12%	
Fortuna Pond (Moser Pond)	7,438	24.22%	23,273	75.78%	30,711	4.16%	
Growler Pond			1,191	100.00%	1,191	0.16%	
Lake Havasu			278,129	100.00%	278,129	37.67%	
Martinez Lake			12,513	100.00%	12,513	1.69%	
Mittry Lake			75,911	100.00%	75,911	10.28%	
Redondo Lake	1,528	24.22%	4,781	75.78%	6,310	0.85%	
Yuma Area Canals			44,899	100.00%	44,899	6.08%	
Yuma West Wetlands Pond	6,845	29.97%	15,994	70.03%	22,839	3.09%	
Total	15,857	2.15%	722,560	97.85%	738,417	100.00%	12.29%

Region V (Tucson) 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Arivaca Lake			10,179	100.00%	10,179	1.82%	
Cluff Ranch Ponds	7,720	40.09%	11,537	59.91%	19,257	3.45%	
Frye Mesa Reservoir	3,038	100.00%			3,038	0.54%	
Gila River - Safford Area			20,600	100.00%	20,600	3.69%	
Kennedy Lake	12,399	49.99%	12,404	50.01%	24,803	4.44%	
Lakeside Lake	6,607	38.00%	10,781	62.00%	17,388	3.11%	
Parker Canyon Lake	34,823	52.01%	32,131	47.99%	66,954	11.98%	
Patagonia Lake	39,170	26.23%	110,162	73.77%	149,332	26.72%	
Pena Blanca Lake	11,926	46.64%	13,645	53.36%	25,571	4.58%	
Riggs Flat Lake	7,017	100.00%			7,017	1.26%	
Roper Lake	8,698	33.02%	17,643	66.98%	26,341	4.71%	
Rose Canyon Lake	37,355	100.00%			37,355	6.68%	
Sahuarita Lake	8,942	44.00%	11,381	56.00%	20,323	3.64%	
San Pedro River			992	100.00%	992	0.18%	
Silverbell Lake	54,506	42.00%	75,271	58.00%	129,777	23.22%	
Total	232,201	41.54%	326,724	58.46%	558,926	100.00%	9.30%

Appendix J. 2013 Estimated Angler User Days by Arizona Game & Fish Department Region

**2013 Estimated Angler User Days extrapolated from license sales by Arizona Game and Fish Department Region
(continued):**

Region VI (Mesa) 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Alvord Lake	3,535	35.00%	6,565	65.00%	10,100	0.40%	
Apache Lake	24,926	19.33%	104,024	80.67%	128,950	5.10%	
ASU Research Park			1,787	100.00%	1,787	0.07%	
Bartlett Lake			277,334	100.00%	277,334	10.97%	
Canyon Creek	17,945	100.00%			17,945	0.71%	
Canyon Lake	44,445	29.41%	106,677	70.59%	151,123	5.98%	
Chaparral Lake	11,042	38.00%	18,016	62.00%	29,059	1.15%	
Christopher Creek	14,042	100.00%			14,042	0.56%	
Cortez Lake	2,683	34.00%	5,208	66.00%	7,891	0.31%	
Crystal Gardens Water Treatment Facility			3,574	100.00%	3,574	0.14%	
Desert Breeze Lake	893	45.00%	1,091	55.00%	1,985	0.08%	
East Verde River	22,361	68.37%	10,345	31.63%	32,706	1.29%	
Encanto Lake	1,088	29.00%	2,664	71.00%	3,752	0.15%	
Evelyn Hallman Pond	1,769	33.00%	3,591	67.00%	5,360	0.21%	
Gila River - Phoenix Area			39,232	100.00%	39,232	1.55%	
Green Valley Lake	13,309	54.00%	11,338	46.00%	24,647	0.98%	
Haigler Creek	10,530	100.00%			10,530	0.42%	
Kiwanis Lake	1,564	32.00%	3,323	68.00%	4,887	0.19%	
Lake Pleasant			349,144	100.00%	349,144	13.82%	
Phoenix Area Canals			7,914	100.00%	7,914	0.31%	
Red Mountain Lake	53,290	36.00%	94,738	64.00%	148,028	5.86%	
Rio Vista Pond	2,904	41.00%	4,179	59.00%	7,082	0.28%	
Roosevelt Lake			453,525	100.00%	453,525	17.95%	
Saguaro Lake	59,451	20.63%	228,728	79.37%	288,179	11.40%	
Salt River (Above Roosevelt)			54,668	100.00%	54,668	2.16%	
Salt River (Below Saguaro)	45,242	43.42%	58,954	56.58%	104,197	4.12%	
Steele Indian School Pond	528	28.00%	1,359	72.00%	1,887	0.07%	
Surprise Lake	11,919	40.00%	17,879	60.00%	29,798	1.18%	
Tempe Town Lake	19,812	45.72%	23,522	54.28%	43,334	1.71%	
Tonto Creek (Salt River Drainage)	56,416	100.00%			56,416	2.23%	
Verde River (Bartlett Dam to Fort McDowell Indian Res.)			8,379	100.00%	8,379	0.33%	
Veterans Oasis Lake	64,040	42.00%	88,436	58.00%	152,476	6.03%	
Water Ranch Lake	23,388	41.00%	33,655	59.00%	57,043	2.26%	
Total	507,123	20.07%	2,019,851	79.93%	2,526,974	100.00%	42.05%

Appendix J. 2013 Estimated Angler User Days by Arizona Game & Fish Department Region

2013 Estimated Angler User Days extrapolated from license sales by Arizona Game and Fish Department Region (continued):

2013 Estimated Angler User Days Summary by Arizona Game and Fish Department Region:

Arizona Game and Fish Department Region	‡ Trout		Nontrout		Total	
	AUD	Row %	AUD	Row %	AUD	%
Region I (Pinetop)	841,966	84.66%	152,617	15.34%	994,582	16.55%
Region II (Flagstaff)	308,294	53.81%	264,602	46.19%	572,896	9.53%
Region III (Kingman)	232,073	37.62%	384,782	62.38%	616,855	10.26%
Region IV (Yuma)	15,857	2.15%	722,560	97.85%	738,417	12.29%
Region V (Tucson)	232,201	41.54%	326,724	58.46%	558,926	9.30%
Region VI (Mesa)	507,123	20.07%	2,019,851	79.93%	2,526,974	42.05%
Total	2,137,515	35.57%	3,871,135	64.43%	6,008,650	99.98%
					† Miscellaneous State Waters:	1,059 0.02%
					Arizona Total:	6,009,709 100.00%

† = Miscellaneous State Waters: Ackre Lake, Coors Lake, Dankworth Pond, Dude Creek, Elk Tank, Huffer Tank, Hulsey Lake, Nutrioso Reservoir, Pratt Lake, Scholze Lake, West Clear Creek, White Mountain Lake, and Workman Creek. Excluded from master list due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

‡ Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Appendix J. 2013 Estimated Angler User Days by Arizona Game & Fish Department Region

Appendix K. 2013 Estimated Angler User Days by USGS 6 Digit Hydrological Unit Code

2013 Estimated Angler User Days extrapolated from license sales by USGS 6 Digit Hydrological Unit Code:

Upper Colorado-Dirty Devil (140700) Watershed 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Lake Powell			130,377	100.00%	130,377	100.00%	
Total	0	0.00%	130,377	100.00%	130,377	100.00%	2.17%

Lower Colorado-Lake Mead (150100) Watershed 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Cataract Lake	8,135	58.97%	5,660	41.03%	13,796	5.85%	
City Reservoir	483	78.37%	133	21.63%	616	0.26%	
Colorado River - Lees Ferry	105,775	100.00%			105,775	44.88%	
Dogtown Reservoir	11,353	63.67%	6,478	36.33%	17,831	7.57%	
Kaibab Lake	28,572	66.41%	14,452	33.59%	43,024	18.26%	
Lake Mead			52,073	100.00%	52,073	22.10%	
Santa Fe Lake	1,232	48.37%	1,315	51.63%	2,546	1.08%	
Total	155,550	66.01%	80,111	33.99%	235,661	100.00%	3.92%

Appendix K. 2013 Estimated Angler User Days by USGS 6 Digit Hydrological Unit Code

**2013 Estimated Angler User Days extrapolated from license sales by USGS 6 Digit Hydrological Unit Code
(continued):**

Little Colorado (150200) Watershed 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Ashurst Lake	41,747	74.13%	14,569	25.87%	56,316	5.99%	
Bear Canyon Lake	49,471	100.00%			49,471	5.26%	
Becker Lake	24,518	100.00%			24,518	2.61%	
Black Canyon Lake	38,460	100.00%			38,460	4.09%	
C.C. Cragin (Blue Ridge) Reservoir	2,865	47.79%	3,130	52.21%	5,995	0.64%	
Carnero Lake	2,625	100.00%			2,625	0.28%	
Chevelon Lake	8,317	100.00%			8,317	0.88%	
Clear Creek Reservoir	7,733	67.27%	3,762	32.73%	11,495	1.22%	
East Clear Creek	1,597	100.00%			1,597	0.17%	
Fool Hollow Lake	52,148	60.59%	33,919	39.41%	86,068	9.16%	
Francis Short Pond	13,271	65.64%	6,947	34.36%	20,218	2.15%	
Greer Area Lakes - Bunch, River, Tunnel	17,210	100.00%			17,210	1.83%	
Kinnikinick Lake	7,102	78.94%	1,895	21.06%	8,997	0.96%	
Knoll Lake	18,833	100.00%			18,833	2.00%	
Lake Mary (Lower)	19,653	100.00%			19,653	2.09%	
Lake Mary (Upper)			65,317	100.00%	65,317	6.95%	
Lee Valley Lake	3,977	100.00%			3,977	0.42%	
Little Colorado River (Greer)	10,882	100.00%			10,882	1.16%	
Little Colorado River (Sheep's Crossing)	10,320	100.00%			10,320	1.10%	
Long Lake	662	35.73%	1,192	64.27%	1,854	0.20%	
Lyman Lake			7,064	100.00%	7,064	0.75%	
Nelson Reservoir	28,582	76.77%	8,649	23.23%	37,231	3.96%	
Rainbow Lake	30,891	58.56%	21,860	41.44%	52,751	5.61%	
Scotts Reservoir	2,349	39.88%	3,542	60.12%	5,891	0.63%	
Show Low Lake	43,646	60.87%	28,058	39.13%	71,704	7.63%	
Silver Creek	21,517	100.00%			21,517	2.29%	
Willow Springs Lake	84,758	69.91%	36,481	30.09%	121,239	12.90%	
Woodland Reservoir	2,523	48.23%	2,708	51.77%	5,230	0.56%	
Woods Canyon Lake	155,019	100.00%			155,019	16.50%	
Total	700,677	74.56%	239,091	25.44%	939,769	100.00%	15.64%

Appendix K. 2013 Estimated Angler User Days by USGS 6 Digit Hydrological Unit Code

2013 Estimated Angler User Days extrapolated from license sales by USGS 6 Digit Hydrological Unit Code (continued):

Lower Colorado (150301) Watershed 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Colorado River - Ehrenberg/Blythe to Yuma			115,183	100.00%	115,183	12.84%	
Colorado River - Parker Strip Area			61,069	100.00%	61,069	6.81%	
Colorado River - Topock Area	37,806	23.61%	122,320	76.39%	160,125	17.86%	
Council Park Pond (Somerton)	46	5.09%	857	94.91%	903	0.10%	
Lake Havasu			278,129	100.00%	278,129	31.01%	
Lake Mohave	19,070	15.23%	106,144	84.77%	125,215	13.96%	
Martinez Lake			12,513	100.00%	12,513	1.40%	
Mittry Lake			75,911	100.00%	75,911	8.46%	
Yuma Area Canals			44,899	100.00%	44,899	5.01%	
Yuma West Wetlands Pond	6,845	29.97%	15,994	70.03%	22,839	2.55%	
Total	63,767	7.11%	833,019	92.89%	896,785	100.00%	14.92%

Bill Williams (150302) Watershed 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Alamo Lake			88,760	100.00%	88,760	100.00%	
Total	0	0.00%	88,760	100.00%	88,760	100.00%	1.48%

Upper Gila (150400) Watershed 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Cluff Ranch Ponds	7,720	40.09%	11,537	59.91%	19,257	21.33%	
Eagle Creek			2,077	100.00%	2,077	2.30%	
Frye Mesa Reservoir	3,038	100.00%			3,038	3.36%	
Gila River - Safford Area			20,600	100.00%	20,600	22.81%	
Luna Lake	14,487	100.00%			14,487	16.04%	
Roper Lake	8,698	33.02%	17,643	66.98%	26,341	29.17%	
San Francisco River			4,498	100.00%	4,498	4.98%	
Total	33,943	37.59%	56,354	62.41%	90,297	100.00%	1.50%

Middle Gila (150501) Watershed 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
ASU Research Park			1,787	100.00%	1,787	0.49%	
Desert Breeze Lake	893	45.00%	1,091	55.00%	1,985	0.55%	
Red Mountain Lake	53,290	36.00%	94,738	64.00%	148,028	40.97%	
Veterans Oasis Lake	64,040	42.00%	88,436	58.00%	152,476	42.20%	
Water Ranch Lake	23,388	41.00%	33,655	59.00%	57,043	15.79%	
Total	141,611	39.19%	219,708	60.81%	361,319	100.00%	6.01%

Appendix K. 2013 Estimated Angler User Days by USGS 6 Digit Hydrological Unit Code

2013 Estimated Angler User Days extrapolated from license sales by USGS 6 Digit Hydrological Unit Code (continued):

San Pedro-Willcox (150502) River Watershed 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Riggs Flat Lake	7,017	100.00%			7,017	87.61%	
San Pedro River			992	100.00%	992	12.39%	
Total	7,017	87.61%	992	12.39%	8,009	100.00%	0.13%

Santa Cruz (150503) Watershed 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Arivaca Lake			10,179	100.00%	10,179	2.11%	
Kennedy Lake	12,399	49.99%	12,404	50.01%	24,803	5.15%	
Lakeside Lake	6,607	38.00%	10,781	62.00%	17,388	3.61%	
Parker Canyon Lake	34,823	52.01%	32,131	47.99%	66,954	13.90%	
Patagonia Lake	39,170	26.23%	110,162	73.77%	149,332	31.00%	
Pena Blanca Lake	11,926	46.64%	13,645	53.36%	25,571	5.31%	
Rose Canyon Lake	37,355	100.00%			37,355	7.76%	
Sahuarita Lake	8,942	44.00%	11,381	56.00%	20,323	4.22%	
Silverbell Lake	54,506	42.00%	75,271	58.00%	129,777	26.94%	
Total	205,729	42.71%	275,953	57.29%	481,682	100.00%	8.02%

Appendix K. 2013 Estimated Angler User Days by USGS 6 Digit Hydrological Unit Code

**2013 Estimated Angler User Days extrapolated from license sales by USGS 6 Digit Hydrological Unit Code
(continued):**

Salt (150601) Watershed 2013 Estimated Angler User Days:

Water	± Trout		NontROUT		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Alvord Lake	3,535	35.00%	6,565	65.00%	10,100	0.62%	
Apache Lake	24,926	19.33%	104,024	80.67%	128,950	7.93%	
Big Lake	163,678	100.00%			163,678	10.06%	
Black River, East Fork	29,809	100.00%			29,809	1.83%	
Black River, West Fork	11,278	100.00%			11,278	0.69%	
Canyon Creek	17,945	100.00%			17,945	1.10%	
Canyon Lake	44,445	29.41%	106,677	70.59%	151,123	9.29%	
Chaparral Lake	11,042	38.00%	18,016	62.00%	29,059	1.79%	
Christopher Creek	14,042	100.00%			14,042	0.86%	
Cortez Lake	2,683	34.00%	5,208	66.00%	7,891	0.49%	
Crescent Lake	27,767	100.00%			27,767	1.71%	
Encanto Lake	1,088	29.00%	2,664	71.00%	3,752	0.23%	
Evelyn Hallman Pond	1,769	33.00%	3,591	67.00%	5,360	0.33%	
Haigler Creek	10,530	100.00%			10,530	0.65%	
Kiwanis Lake	1,564	32.00%	3,323	68.00%	4,887	0.30%	
Phoenix Area Canals			7,914	100.00%	7,914	0.49%	
Roosevelt Lake			453,525	100.00%	453,525	27.89%	
Saguaro Lake	59,451	20.63%	228,728	79.37%	288,179	17.72%	
Salt River (Above Roosevelt)			54,668	100.00%	54,668	3.36%	
Salt River (Below Saguaro)	45,242	43.42%	58,954	56.58%	104,197	6.41%	
Steele Indian School Pond	528	28.00%	1,359	72.00%	1,887	0.12%	
Tempe Town Lake	19,812	45.72%	23,522	54.28%	43,334	2.66%	
Tonto Creek (Salt River Drainage)	56,416	100.00%			56,416	3.47%	
Total	547,551	33.67%	1,078,740	66.33%	1,626,291	100.00%	27.06%

Appendix K. 2013 Estimated Angler User Days by USGS 6 Digit Hydrological Unit Code

2013 Estimated Angler User Days (AUD) extrapolated from license sales by USGS 6 Digit Hydrological Unit Code (continued):

Verde (150602) Watershed 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Bartlett Lake			277,334	100.00%	277,334	46.60%	
Dead Horse Lake	49,129	73.31%	17,886	26.69%	67,015	11.26%	
East Verde River	22,361	68.37%	10,345	31.63%	32,706	5.50%	
Goldwater Lake	22,766	73.39%	8,255	26.61%	31,020	5.21%	
Granite Basin Lake			9,932	100.00%	9,932	1.67%	
Green Valley Lake	13,309	54.00%	11,338	46.00%	24,647	4.14%	
JD Dam	706	100.00%			706	0.12%	
Mingus Lake	3,538	100.00%			3,538	0.59%	
Oak Creek	34,421	79.52%	8,865	20.48%	43,286	7.27%	
Perkins Tank	810	100.00%			810	0.14%	
Verde River (Bartlett Dam to Fort McDowell Indian Res.)			8,379	100.00%	8,379	1.41%	
Verde River (Sullivan Lk to Perkinsville)			16,884	100.00%	16,884	2.84%	
Verde River (Sycamore Ck to Childs)	23,809	55.56%	19,044	44.44%	42,853	7.20%	
Watson Lake	10,363	50.13%	10,309	49.87%	20,671	3.47%	
Wet Beaver Creek	1,555	85.94%	254	14.06%	1,810	0.30%	
Whitehorse Lake	9,521	70.32%	4,018	29.68%	13,539	2.27%	
Total	192,288	32.31%	402,844	67.69%	595,132	100.00%	9.90%

Lower Gila-Agua Fria (150701) Watershed 2013 Estimated Angler User Days:

Water	± Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Crystal Gardens Water Treatment Facility			3,574	100.00%	3,574	0.69%	
Fain Lake	15,733	80.39%	3,838	19.61%	19,571	3.79%	
Gila River - Phoenix Area			39,232	100.00%	39,232	7.60%	
Lake Pleasant			349,144	100.00%	349,144	67.62%	
Lynx Lake	49,860	73.37%	18,097	26.63%	67,957	13.16%	
Rio Vista Pond	2,904	41.00%	4,179	59.00%	7,082	1.37%	
Surprise Lake	11,919	40.00%	17,879	60.00%	29,798	5.77%	
Total	80,416	15.57%	435,941	84.43%	516,357	100.00%	8.59%

Appendix K. 2013 Estimated Angler User Days by USGS 6 Digit Hydrological Unit Code

2013 Estimated Angler User Days extrapolated from license sales by USGS 6 Digit Hydrological Unit Code (continued):

Lower Gila (150702) Watershed 2013 Estimated Angler User Days:

Water	‡ Trout		Nontrout		Total		State %
	AUD	Row %	AUD	Row %	AUD	%	
Fortuna Pond (Moser Pond)	7,438	24.22%	23,273	75.78%	30,711	80.37%	
Growler Pond			1,191	100.00%	1,191	3.12%	
Redondo Lake	1,528	24.22%	4,781	75.78%	6,310	16.51%	
Total	8,966	23.46%	29,245	76.54%	38,212	100.00%	0.64%

2013 Estimated Angler User Days Summary by USGS 6 Digit Hydrological Unit Code Watershed:

USGS 6 Digit Hydrological Unit Code Watershed	‡ Trout		Nontrout		Total	
	AUD	Row %	AUD	Row %	AUD	%
Upper Colorado-Dirty Devil (140700)			130,377	100.00%	130,377	2.17%
Lower Colorado-Lake Mead (150100)	155,550	66.01%	80,111	33.99%	235,661	3.92%
Little Colorado (150200)	700,677	74.56%	239,091	25.44%	939,769	15.64%
Lower Colorado (150301)	63,767	7.11%	833,019	92.89%	896,785	14.92%
Bill Williams (150302)			88,760	100.00%	88,760	1.48%
Upper Gila (150400)	33,943	37.59%	56,354	62.41%	90,297	1.50%
Middle Gila (150501)	141,611	39.19%	219,708	60.81%	361,319	6.01%
San Pedro-Willcox (150502)	7,017	87.61%	992	12.39%	8,009	0.13%
Santa Cruz (150503)	205,729	42.71%	275,953	57.29%	481,682	8.02%
Salt (150601)	547,551	33.67%	1,078,740	66.33%	1,626,291	27.06%
Verde (150602)	192,288	32.31%	402,844	67.69%	595,132	9.90%
Lower Gila-Agua Fria (150701)	80,416	15.57%	435,941	84.43%	516,357	8.59%
Lower Gila (150702)	8,966	23.46%	29,245	76.54%	38,212	0.64%
Total	2,137,515	35.57%	3,871,135	64.43%	6,008,650	99.98%

† Miscellaneous State Waters: 1,059 0.02%
Arizona Total: 6,009,709 100.00%

† = Miscellaneous State Waters: Ackre Lake, Coors Lake, Dankworth Pond, Dude Creek, Elk Tank, Huffer Tank, Hulsey Lake, Nutrioso Reservoir, Pratt Lake, Scholze Lake, West Clear Creek, White Mountain Lake, and Workman Creek. Excluded from master list due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

‡ Trout Angler User Days are estimated from question 14 of the survey instrument, previous surveys and current creel studies.

Appendix K. 2013 Estimated Angler User Days by USGS 6 Digit Hydrological Unit Code

Appendix L. 2013 Angler Survey - Days Fished Statistics by State Water and License Residency

2013 Angler Survey - Days Fished Statistics by State Water and License Residency:

Water	Unweighted n	<u>Resident</u>					Unweighted n	<u>Nonresident</u>					Unweighted n	<u>TOTAL</u>				
		n	mean	se	min	max		n	mean	se	min	max		n	mean	se	min	max
Arizona	4,737	4,667.36	21.48	0.466	1	330	583	476.60	9.35	0.830	1	206	5,320	5,143.96	20.35	0.432	1	330
Ackre Lake*	1	0.21	1.00	-	1	1	-	-	-	-	-	-	1	0.21	1.00	-	1	1
Alamo Lake	218	248.76	5.39	0.403	1	60	31	20.78	6.31	1.537	1	35	249	269.54	5.46	0.390	1	60
Alvord Lake	10	30.64	4.73	0.769	1	12	4	3.57	5.13	0.495	3	6	14	34.21	4.77	0.689	1	12
Apache Lake	327	336.74	6.05	0.622	1	180	16	16.88	6.64	1.651	1	20	343	353.63	6.08	0.598	1	180
Arivaca Lake	46	42.27	3.93	0.475	1	15	3	2.05	2.61	2.114	1	7	49	44.32	3.87	0.460	1	15
Ashurst Lake	196	152.71	6.13	0.935	1	120	5	3.31	2.28	0.899	1	6	201	156.03	6.05	0.916	1	120
ASU Research Park	1	6.07	5.00	-	5	5	-	-	-	-	-	-	1	6.07	5.00	-	5	5
Bartlett Lake	205	503.59	9.06	0.956	1	280	22	24.10	3.36	1.069	1	20	227	527.69	8.80	0.915	1	280
Bear Canyon Lake	90	130.97	6.27	1.107	1	60	4	2.21	4.13	4.584	2	20	94	133.18	6.23	1.091	1	60
Becker Lake	95	62.09	6.38	1.366	1	75	9	5.41	2.88	1.321	1	10	104	67.50	6.10	1.265	1	75
Big Lake	796	535.14	4.89	0.237	1	100	28	25.67	4.54	1.031	1	20	824	560.82	4.87	0.231	1	100
Black Canyon Lake	98	116.91	5.50	0.783	1	75	1	1.09	2.00	-	2	2	99	118.00	5.47	0.776	1	75
Black River, East Fork	178	118.72	4.14	0.786	1	210	4	1.64	3.50	2.767	2	8	182	120.36	4.13	0.776	1	210
Black River, West Fork	94	58.48	3.02	0.323	1	10	5	4.96	2.54	0.864	1	8	99	63.44	2.98	0.304	1	10
C.C. Cragin (Blue Ridge) Reservoir	19	32.91	3.05	0.516	1	11	-	-	-	-	-	-	19	32.91	3.05	0.516	1	11
Canyon Creek	59	107.21	2.67	0.214	1	20	3	3.65	3.49	1.405	2	7	62	110.86	2.70	0.211	1	20
Canyon Lake	240	469.00	5.25	0.351	1	87	21	16.87	3.95	1.526	1	30	261	485.88	5.20	0.343	1	87
Carnero Lake	23	18.85	2.32	0.599	1	15	-	-	-	-	-	-	23	18.85	2.32	0.599	1	15
Cataract Lake	61	36.05	6.31	1.584	1	50	2	2.09	2.00	-	2	2	63	38.13	6.08	1.504	1	50
Chaparral Lake	16	49.13	9.82	1.335	1	30	1	0.61	6.00	-	6	6	17	49.75	9.77	1.320	1	30
Chevelon Lake	60	49.33	2.69	0.609	1	58	1	1.09	7.00	-	7	7	61	50.42	2.79	0.603	1	58
Christopher Creek	58	99.83	2.32	0.270	1	25	2	0.78	3.36	-	1	4	60	100.61	2.32	0.269	1	25
City Reservoir	4	1.95	5.17	4.319	2	12	-	-	-	-	-	-	4	1.95	5.17	4.319	2	12
Clear Creek Reservoir	42	29.13	6.41	2.399	1	70	3	3.56	1.59	0.308	1	2	45	32.69	5.88	2.150	1	70
Cluff Ranch Ponds	118	45.52	6.98	1.560	1	100	1	0.61	2.00	-	2	2	119	46.14	6.91	1.542	1	100
Colorado River - Ehrenberg/Blythe to Yuma	234	104.73	15.80	1.913	1	150	32	18.21	13.66	4.435	1	60	266	122.94	15.48	1.751	1	150
Colorado River - Lees Ferry	241	227.25	6.69	1.168	1	275	63	55.87	4.11	0.778	1	60	304	283.12	6.18	0.951	1	275
Colorado River - Parker Strip Area	106	66.00	12.40	2.890	1	200	23	15.41	12.34	4.122	1	70	129	81.41	12.39	2.460	1	200
Colorado River - Topock Area	153	105.01	23.64	3.833	1	300	38	25.39	7.38	3.504	1	150	191	130.40	20.48	3.206	1	300
Coors Lake*	1	1.31	3.00	-	3	3	-	-	-	-	-	-	1	1.31	3.00	-	3	3
Cortez Lake	9	29.77	4.23	0.787	1	30	1	1.09	5.00	-	5	5	10	30.86	4.26	0.759	1	30
Council Park Pond (Somerton)	4	1.14	9.57	14.881	2	20	1	0.61	5.00	-	5	5	5	1.76	7.98	5.800	2	20
Crescent Lake	213	121.84	3.66	0.403	1	40	11	7.72	2.20	0.664	1	7	224	129.56	3.58	0.382	1	40

Appendix L. 2013 Angler Survey - Days Fished Statistics by State Water and License Residency

2013 Angler Survey - Days Fished Statistics by State Water and License Residency (continued):

Water	Unweighted n	<u>Resident</u>					Unweighted n	<u>Nonresident</u>					Unweighted n	<u>TOTAL</u>				
		n	mean	se	min	max		n	mean	se	min	max		n	mean	se	min	max
Crystal Gardens Water Treatment Facility	1	2.17	30.00	-	30	30	-	-	-	-	-	-	1	2.17	30.00	-	30	30
Dankworth Pond*	5	1.21	2.81	2.584	1	5	-	-	-	-	-	-	5	1.21	2.81	2.584	1	5
Dead Horse Lake	108	110.94	10.04	1.668	1	156	7	5.02	1.92	0.498	1	3	115	115.96	9.69	1.603	1	156
Desert Breeze Lake	5	4.12	8.33	1.514	2	10	-	-	-	-	-	-	5	4.12	8.33	1.514	2	10
Dogtown Reservoir	118	75.27	3.95	0.710	1	50	3	1.53	1.40	0.671	1	2	121	76.81	3.90	0.697	1	50
Dude Creek*	1	0.27	8.00	-	8	8	-	-	-	-	-	-	1	0.27	8.00	-	8	8
Eagle Creek	14	2.83	4.17	2.184	1	12	1	1.09	20.00	-	20	20	15	3.92	8.57	4.404	1	20
East Clear Creek	6	5.87	4.47	3.046	1	20	-	-	-	-	-	-	6	5.87	4.47	3.046	1	20
East Verde River	68	77.53	7.04	2.019	1	100	-	-	-	-	-	-	68	77.53	7.04	2.019	1	100
Elk Tank*	2	1.21	1.00	-	1	1	-	-	-	-	-	-	2	1.21	1.00	-	1	1
Encanto Lake	1	9.18	7.00	-	7	7	-	-	-	-	-	-	1	9.18	7.00	-	7	7
Evelyn Hallman Pond	1	2.56	30.00	-	30	30	-	-	-	-	-	-	1	2.56	30.00	-	30	30
Fain Lake	65	44.55	7.01	2.324	1	200	3	3.51	2.94	1.585	1	7	68	48.06	6.71	2.160	1	200
Fool Hollow Lake	222	147.43	9.62	1.889	1	200	5	3.31	9.22	5.092	1	25	227	150.75	9.62	1.850	1	200
Fortuna Pond (Moser Pond)	97	39.83	11.41	3.003	1	130	7	2.77	17.66	17.155	1	60	104	42.60	11.82	2.957	1	130
Francis Short Pond	35	22.25	15.43	8.073	1	180	-	-	-	-	-	-	35	22.25	15.43	8.073	1	180
Frye Mesa Reservoir	52	15.15	3.40	1.414	1	45	1	0.41	1.00	-	1	1	53	15.56	3.34	1.379	1	45
Gila River - Phoenix Area	51	57.54	9.17	0.997	1	40	6	4.67	22.69	11.070	1	52	57	62.21	10.18	1.267	1	52
Gila River - Safford Area	117	41.63	8.08	1.876	1	85	4	2.66	1.94	0.187	1	2	121	44.29	7.71	1.776	1	85
Goldwater Lake	92	91.74	5.51	0.862	1	55	2	1.57	6.22	1.298	5	7	94	93.31	5.52	0.848	1	55
Granite Basin Lake	20	22.10	7.58	1.296	1	18	-	-	-	-	-	-	20	22.10	7.58	1.296	1	18
Green Valley Lake	53	33.33	12.54	3.336	1	155	1	0.31	1.00	-	1	1	54	33.64	12.43	3.310	1	155
Greer Area Lakes - Bunch, River, Tunnel	108	69.33	4.15	0.726	1	40	2	0.92	2.33	-	1	3	110	70.25	4.13	0.717	1	40
Growler Pond	1	0.53	20.00	-	20	20	-	-	-	-	-	-	1	0.53	20.00	-	20	20
Haigler Creek	14	8.99	12.19	12.099	1	150	2	2.95	20.00	-	20	20	16	11.94	14.12	9.032	1	150
Huffer Tank*	1	0.36	3.00	-	3	3	-	-	-	-	-	-	1	0.36	3.00	-	3	3
Hulsey Lake*	1	0.18	1.00	-	1	1	-	-	-	-	-	-	1	0.18	1.00	-	1	1
JD Dam	5	1.62	5.93	7.072	1	15	-	-	-	-	-	-	5	1.62	5.93	7.072	1	15
Kaibab Lake	146	99.45	7.26	1.197	1	60	3	2.39	1.62	0.412	1	2	149	101.84	7.13	1.172	1	60
Kennedy Lake	46	57.73	7.18	0.935	1	50	-	-	-	-	-	-	46	57.73	7.18	0.935	1	50
Kinnikinick Lake	50	43.69	3.34	1.092	1	50	2	1.78	1.83	0.428	1	2	52	45.47	3.28	1.050	1	50
Kiwanis Lake	7	11.23	7.46	2.777	1	30	-	-	-	-	-	-	7	11.23	7.46	2.777	1	30
Knoll Lake	69	92.89	3.40	0.387	1	50	1	0.31	5.00	-	5	5	70	93.19	3.41	0.385	1	50
Lake Havasu	243	172.53	22.33	2.428	1	270	113	73.62	9.75	1.581	1	80	356	246.15	18.56	1.802	1	270

Appendix L. 2013 Angler Survey - Days Fished Statistics by State Water and License Residency

2013 Angler Survey - Days Fished Statistics by State Water and License Residency (continued):																		
Water	Unweighted n	<u>Resident</u>					Unweighted n	<u>Nonresident</u>					Unweighted n	<u>TOTAL</u>				
		n	mean	se	min	max		n	mean	se	min	max		n	Mean	se	min	max
Lake Mary (Lower)	105	95.65	3.27	0.369	1	26	4	4.73	2.87	1.111	1	6	109	100.38	3.25	0.355	1	26
Lake Mary (Upper)	227	137.99	7.65	1.112	1	95	9	8.04	4.58	1.343	1	10	236	146.03	7.48	1.055	1	95
Lake Mead	103	67.08	10.43	1.370	1	59	29	18.01	8.72	3.422	1	70	132	85.08	10.07	1.292	1	70
Lake Mohave	136	94.63	19.77	3.149	1	200	31	18.02	11.14	5.902	1	180	167	112.65	18.39	2.815	1	200
Lake Pleasant	305	706.65	8.09	0.382	1	90	49	49.45	2.60	0.600	1	35	354	756.10	7.73	0.362	1	90
Lake Powell	245	195.74	10.70	1.563	1	200	22	20.60	3.91	0.659	1	20	267	216.34	10.06	1.421	1	200
Lakeside Lake	17	22.86	12.45	2.685	1	45	1	1.09	5.00	-	5	5	18	23.95	12.11	2.581	1	45
Lee Valley Lake	26	21.02	3.18	0.543	1	13	-	-	-	-	-	-	26	21.02	3.18	0.543	1	13
Little Colorado River (Greer)	49	52.30	3.44	0.420	1	20	2	0.72	3.43	-	3	4	51	53.01	3.44	0.414	1	20
Little Colorado River (Sheep's Crossing)	54	35.91	4.72	0.706	1	12	2	0.61	3.00	-	2	4	56	36.53	4.69	0.695	1	12
Long Lake	11	10.63	2.83	1.979	1	30	-	-	-	-	-	-	11	10.63	2.83	1.979	1	30
Luna Lake	132	45.75	4.60	0.883	1	36	13	9.59	2.83	0.503	1	6	145	55.33	4.30	0.739	1	36
Lyman Lake	57	20.06	5.93	2.159	1	55	-	-	-	-	-	-	57	20.06	5.93	2.159	1	55
Lynx Lake	141	161.80	6.98	1.121	1	150	3	2.08	4.57	1.009	2	5	144	163.88	6.95	1.107	1	150
Martinez Lake	19	7.19	24.36	11.313	1	90	6	4.75	7.08	4.651	2	30	25	11.94	17.49	7.290	1	90
Mingus Lake	11	11.69	4.95	0.640	1	10	-	-	-	-	-	-	11	11.69	4.95	0.640	1	10
Mittry Lake	180	75.56	16.47	2.895	1	150	14	6.09	3.40	1.725	1	14	194	81.65	15.50	2.708	1	150
Nelson Reservoir	193	83.90	7.14	1.289	1	91	12	11.21	2.06	0.481	1	8	205	95.10	6.54	1.150	1	91
Nutriosio Reservoir*	1	0.56	3.00	-	1	3	-	-	-	-	-	-	1	0.56	3.00	-	1	3
Oak Creek	131	138.20	5.00	0.577	1	68	14	13.49	2.53	0.665	1	10	145	151.69	4.78	0.531	1	68
Parker Canyon Lake	303	165.19	6.35	1.177	1	224	5	6.12	11.39	13.061	1	100	308	171.31	6.53	1.215	1	224
Patagonia Lake	419	318.33	7.77	0.871	1	259	8	6.59	4.65	2.864	1	25	427	324.92	7.70	0.855	1	259
Pena Blanca Lake	100	78.14	5.49	1.061	1	90	1	1.09	1.00	-	1	1	101	79.23	5.43	1.048	1	90
Perkins Tank	6	5.60	1.52	0.233	1	2	1	0.61	4.00	-	4	4	7	6.21	1.77	0.384	1	4
Phoenix Area Canals	11	31.38	3.85	0.276	1	6	4	4.65	2.42	1.561	1	10	15	36.03	3.67	0.311	1	10
Pratt Lake*	3	0.46	5.17	-	1	13	-	-	-	-	-	-	3	0.46	5.17	-	1	13
Rainbow Lake	95	81.57	10.76	3.296	1	188	1	1.09	3.00	-	3	3	96	82.66	10.65	3.254	1	188
Red Mountain Lake	39	106.40	23.41	5.536	1	250	4	1.23	3.50	2.332	2	5	43	107.63	23.19	5.476	1	250
Redondo Lake	29	12.46	8.04	4.075	1	70	5	1.58	4.23	3.442	2	10	34	14.03	7.61	3.623	1	70
Riggs Flat Lake	107	31.17	3.75	0.843	1	30	2	1.02	1.40	3.252	1	2	109	32.20	3.68	0.819	1	30
Rio Vista Pond	4	11.13	10.81	5.008	2	40	1	0.31	1.00	-	1	1	5	11.44	10.55	4.892	1	40
Roosevelt Lake	993	862.14	8.37	0.452	1	150	65	54.00	6.62	1.222	1	40	1,058	916.15	8.27	0.432	1	150
Roper Lake	88	39.08	11.34	2.821	1	57	1	0.29	1.00	-	1	1	89	39.37	11.26	2.804	1	57
Rose Canyon Lake	95	98.17	6.32	0.623	1	25	1	1.09	7.00	-	7	7	96	99.26	6.33	0.616	1	25

Appendix L. 2013 Angler Survey - Days Fished Statistics by State Water and License Residency

2013 Angler Survey - Days Fished Statistics by State Water and License Residency (continued):

Water	Unweighted n	<u>Resident</u>					Unweighted n	<u>Nonresident</u>					Unweighted n	<u>TOTAL</u>				
		n	mean	se	min	max		n	mean	se	min	max		n	Mean	se	min	max
Saguaro Lake	206	444.18	10.70	0.916	1	100	30	23.19	3.41	1.014	1	23	236	467.37	10.34	0.875	1	100
Sahuarita Lake	13	10.63	31.02	9.828	1	90	-	-	-	-	-	-	13	10.63	31.02	9.828	1	90
Salt River (Above Roosevelt)	108	59.39	11.92	2.754	1	100	9	6.89	27.42	21.935	2	150	117	66.28	13.53	3.307	1	150
Salt River (Below Saguaro)	98	201.91	8.47	0.871	1	60	13	7.24	4.92	1.876	1	16	111	209.15	8.35	0.844	1	60
San Fransico River	14	8.42	9.44	2.086	1	30	-	-	-	-	-	-	14	8.42	9.44	2.086	1	30
San Pedro River	3	1.60	8.33	3.705	5	12	-	-	-	-	-	-	3	1.60	8.33	3.705	5	12
Santa Fe Lake	14	9.05	4.75	1.790	1	20	-	-	-	-	-	-	14	9.05	4.75	1.790	1	20
Scholze Lake*	3	1.46	3.62	3.769	2	8	-	-	-	-	-	-	3	1.46	3.62	3.769	2	8
Scotts Reservoir	16	6.98	14.13	7.436	1	60	-	-	-	-	-	-	16	6.98	14.13	7.436	1	60
Show Low Lake	233	145.70	7.84	1.138	1	120	5	3.69	13.25	8.363	1	30	238	149.40	7.97	1.126	1	120
Silver Creek	99	78.20	4.58	0.975	1	90	4	2.32	1.80	0.854	1	4	103	80.52	4.50	0.948	1	90
Silverbell Lake	94	111.27	19.63	3.845	1	224	1	0.31	2.00	-	2	2	95	111.58	19.58	3.835	1	224
Steele Indian School Pond	2	8.10	3.96	0.659	1	5	-	-	-	-	-	-	2	8.10	3.96	0.659	1	5
Surprise Lake	18	31.17	15.12	4.867	1	100	5	4.65	5.65	2.098	1	12	23	35.82	13.89	4.268	1	100
Tempe Town Lake	44	109.55	6.55	1.314	1	175	3	0.92	6.33	-	1	15	47	110.47	6.54	1.304	1	175
Tonto Creek (Salt River Drainage)	77	114.85	8.19	1.631	1	120	3	1.53	2.40	0.671	2	3	80	116.38	8.12	1.610	1	120
Verde River (Bartlett Dam to Ft. McDowell Indian Res.)	31	36.18	3.19	0.611	1	25	5	4.40	5.78	3.330	1	20	36	40.58	3.47	0.645	1	25
Verde River (Sullivan Lk to Perkinsville)	51	45.57	5.21	0.919	1	35	4	4.65	7.84	4.341	2	20	55	50.22	5.45	0.914	1	35
Verde River (Sycamore Ck to Childs)	65	58.73	11.95	2.919	1	150	4	4.17	3.23	1.001	1	6	69	62.90	11.37	2.738	1	150
Veterans Oasis Lake	29	73.49	35.03	5.884	1	250	2	1.40	2.56	1.317	1	3	31	74.89	34.43	5.796	1	250
Water Ranch Lake	5	13.57	68.41	20.466	2	150	-	-	-	-	-	-	5	13.57	68.41	20.466	2	150
Watson Lake	67	49.22	7.01	1.443	1	60	3	2.16	1.60	0.832	1	3	70	51.38	6.78	1.390	1	60
West Clear Creek*	1	0.24	2.00	-	2	2	-	-	-	-	-	-	1	0.24	2.00	-	2	2
Wet Beaver Creek	9	9.52	2.89	0.442	1	6	2	0.92	1.33	-	1	2	11	10.44	2.75	0.428	1	6
White Mountain Lake*	1	0.27	10.00	-	10	10	-	-	-	-	-	-	1	0.27	10.00	-	10	10
Whitehorse Lake	84	52.06	4.35	1.122	1	99	1	0.61	1.00	-	1	1	85	52.67	4.31	1.109	1	99
Willow Springs Lake	308	396.76	5.06	0.390	1	110	9	9.21	2.66	1.106	1	18	317	405.97	5.01	0.382	1	110
Woodland Reservoir	38	25.92	3.19	0.653	1	15	2	1.80	2.18	0.431	2	3	40	27.72	3.12	0.612	1	15
Woods Canyon Lake	314	441.39	5.88	0.354	1	52	4	4.34	2.16	0.627	1	4	318	445.73	5.85	0.351	1	52
Workman Creek*	-	-	-	-	-	-	1	1.47	4.00	-	4	4	1	1.47	4.00	-	4	4
Yuma Area Canals	104	46.55	15.12	3.204	1	150	15	6.67	5.52	2.820	1	40	119	53.21	13.92	2.852	1	150
Yuma West Wetlands Pond	67	37.25	10.08	2.717	1	100	4	2.27	4.70	5.022	1	14	71	39.52	9.77	2.576	1	100

*Miscellaneous Water due to a weighted n value below 1 or the percent of total angler user days is below 0.01%.

Appendix M. 2013 Estimated Angler User Days by State Water and County with Economic Values

2013 Estimated Angler User Days Extrapolated from License Sales by Water and County with Economic Values:

	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Santa Cruz	Yavapai	Yuma	ARIZONA
+ Direct Expenditures per AUD:	\$81.78	\$193.08	\$111.04	\$91.13	\$110.69	\$379.40	\$110.22	\$197.24	\$155.64	\$128.28	\$173.01	\$225.52	\$149.28	\$84.48	\$159.31
+ Total Multiplier Effect per AUD:	\$93.76	\$231.09	\$137.05	\$108.25	\$131.92	\$409.76	\$129.41	\$248.35	\$192.85	\$147.54	\$214.98	\$270.95	\$186.23	\$103.75	\$244.94
Alamo Lake							88,760								88,760
Alvord Lake								10,100							10,100
Apache Lake								128,950							128,950
Arivaca Lake											10,179				10,179
Ashurst Lake			56,316												56,316
ASU Research Park								1,787							1,787
Bartlett Lake								277,334							277,334
Bear Canyon Lake			49,471												49,471
Becker Lake	24,518														24,518
Big Lake	163,678														163,678
Black Canyon Lake										38,460					38,460
Black River, East Fork	29,809														29,809
Black River, West Fork	11,278														11,278
C.C. Cragin (Blue Ridge) Reservoir			5,995												5,995
Canyon Creek				17,945											17,945
Canyon Lake								151,123							151,123
Carnero Lake	2,625														2,625
Cataract Lake			13,796												13,796
Chaparral Lake								29,059							29,059
Chevelon Lake			8,317												8,317
Christopher Creek				14,042											14,042
City Reservoir			616												616
Clear Creek Reservoir										11,495					11,495
Cluff Ranch Ponds					19,257										19,257
Colorado River - Ehrenberg/Blythe to Yuma							57,591							57,591	115,183
Colorado River - Lees Ferry			105,775												105,775
Colorado River - Parker Strip Area							61,069								61,069
Colorado River - Topock Area									160,125						160,125
Cortez Lake								7,891							7,891
Council Park Pond (Somerton)														903	903
Crescent Lake	27,767														27,767
Crystal Gardens Water Treatment Facility								3,574							3,574

+ Cost values determined from "2013 ECONOMIC IMPACT OF FISHING IN ARIZONA", Anthony Fedler, PhD. and Responsive Management.

Pinal County had no angling activity report in 2013.

Appendix M. 2013 Estimated Angler User Days by State Water and County with Economic Values

2013 Estimated Angler User Days Extrapolated from License Sales by Water and County with Economic Values (continued):

	Apache	Cochise	Cocconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Santa Cruz	Yavapai	Yuma	ARIZONA
+ Direct Expenditures per AUD:	\$81.78	\$193.08	\$111.04	\$91.13	\$110.69	\$379.40	\$110.22	\$197.24	\$155.64	\$128.28	\$173.01	\$225.52	\$149.28	\$84.48	\$159.31
+ Total Multiplier Effect per AUD:	\$93.76	\$231.09	\$137.05	\$108.25	\$131.92	\$409.76	\$129.41	\$248.35	\$192.85	\$147.54	\$214.98	\$270.95	\$186.23	\$103.75	\$244.94
Dead Horse Lake													67,015		67,015
Desert Breeze Lake								1,985							1,985
Dogtown Reservoir			17,831												17,831
Eagle Creek					2,077										2,077
East Clear Creek			1,597												1,597
East Verde River				32,706											32,706
Encanto Lake								3,752							3,752
Evelyn Hallman Pond								5,360							5,360
Fain Lake													19,571		19,571
Fool Hollow Lake										86,068					86,068
Fortuna Pond (Moser Pond)														30,711	30,711
Francis Short Pond			20,218												20,218
Frye Mesa Reservoir					3,038										3,038
Gila River - Phoenix Area								39,232							39,232
Gila River - Safford Area					20,600										20,600
Goldwater Lake													31,020		31,020
Granite Basin Lake													9,932		9,932
Green Valley Lake				24,647											24,647
Greer Area Lakes - Bunch, River, Tunnel	17,210														17,210
Growler Pond														1,191	1,191
Haigler Creek				10,530											10,530
JD Dam			706												706
Kaibab Lake			43,024												43,024
Kennedy Lake											24,803				24,803
Kinnikinick Lake			8,997												8,997
Kiwanis Lake								4,887							4,887
Knoll Lake			18,833												18,833
Lake Havasu									278,129						278,129
Lake Mary (Lower)			19,653												19,653
Lake Mary (Upper)			65,317												65,317
Lake Mead									52,073						52,073
Lake Mohave									125,215						125,215

+ Cost values determined from "2013 ECONOMIC IMPACT OF FISHING IN ARIZONA", Anthony Fedler, PhD. and Responsive Management.

Pinal County had no angling activity report in 2013.

Appendix M. 2013 Estimated Angler User Days by State Water and County with Economic Values

2013 Estimated Angler User Days Extrapolated from License Sales by Water and County with Economic Values (continued):

	Apache	Cochise	Cocoonino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Santa Cruz	Yavapai	Yuma	ARIZONA
+ Direct Expenditures per AUD:	\$81.78	\$193.08	\$111.04	\$91.13	\$110.69	\$379.40	\$110.22	\$197.24	\$155.64	\$128.28	\$173.01	\$225.52	\$149.28	\$84.48	\$159.31
+ Total Multiplier Effect per AUD:	\$93.76	\$231.09	\$137.05	\$108.25	\$131.92	\$409.76	\$129.41	\$248.35	\$192.85	\$147.54	\$214.98	\$270.95	\$186.23	\$103.75	\$244.94
Lake Pleasant								349,144							349,144
Lake Powell			130,377												130,377
Lakeside Lake											17,388				17,388
Lee Valley Lake	3,977														3,977
Little Colorado River (Greer)	10,882														10,882
Little Colorado River (Sheep's Crossing)	10,320														10,320
Long Lake			1,854												1,854
Luna Lake	14,487														14,487
Lyman Lake	7,064														7,064
Lynx Lake													67,957		67,957
Martinez Lake														12,513	12,513
Mingus Lake													3,538		3,538
Mittry Lake														75,911	75,911
Nelson Reservoir	37,231														37,231
Oak Creek			21,643										21,643		43,286
Parker Canyon Lake		66,954													66,954
Patagonia Lake												149,332			149,332
Pena Blanca Lake												25,571			25,571
Perkins Tank			810												810
Phoenix Area Canals								7,914							7,914
Rainbow Lake										52,751					52,751
Red Mountain Lake								148,028							148,028
Redondo Lake														6,310	6,310
Riggs Flat Lake					7,017										7,017
Rio Vista Pond								7,082							7,082
Roosevelt Lake				453,525											453,525
Roper Lake					26,341										26,341
Rose Canyon Lake											37,355				37,355
Saguaro Lake								288,179							288,179
Sahuarita Lake											20,323				20,323
Salt River (Above Roosevelt)				54,668											54,668
Salt River (Below Saguaro)								104,197							104,197

+ Cost values determined from "2013 ECONOMIC IMPACT OF FISHING IN ARIZONA", Anthony Fedler, PhD. and Responsive Management.

Pinal County had no angling activity report in 2013.

Appendix M. 2013 Estimated Angler User Days by State Water and County with Economic Values

2013 Estimated Angler User Days Extrapolated from License Sales by Water and County with Economic Values (continued):

	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Santa Cruz	Yavapai	Yuma	ARIZONA
+ Direct Expenditures per AUD:	\$81.78	\$193.08	\$111.04	\$91.13	\$110.69	\$379.40	\$110.22	\$197.24	\$155.64	\$128.28	\$173.01	\$225.52	\$149.28	\$84.48	\$159.31
+ Total Multiplier Effect per AUD:	\$93.76	\$231.09	\$137.05	\$108.25	\$131.92	\$409.76	\$129.41	\$248.35	\$192.85	\$147.54	\$214.98	\$270.95	\$186.23	\$103.75	\$244.94
San Fransico River						4,498									4,498
San Pedro River		992													992
Santa Fe Lake			2,546												2,546
Scotts Reservoir										5,891					5,891
Show Low Lake										71,704					71,704
Silver Creek										21,517					21,517
Silverbell Lake											129,777				129,777
Steele Indian School Pond								1,887							1,887
Surprise Lake								29,798							29,798
Tempe Town Lake								43,334							43,334
Tonto Creek (Salt River Drainage)				56,416											56,416
Verde Riv. (Bartlett Dam to Ft. McDowell Res.)								8,379							8,379
Verde River (Sullivan Lk to Perkinsville)													16,884		16,884
Verde River (Sycamore Ck to Childs)													42,853		42,853
Veterans Oasis Lake								152,476							152,476
Water Ranch Lake								57,043							57,043
Watson Lake													20,671		20,671
Wet Beaver Creek													1,810		1,810
Whitehorse Lake			13,539												13,539
Willow Springs Lake			121,239												121,239
Woodland Reservoir										5,230					5,230
Woods Canyon Lake			155,019												155,019
Yuma Area Canals														44,899	44,899
Yuma West Wetlands Pond														22,839	22,839
Total:	360,847	67,947	883,488	664,478	78,329	4,498	207,420	1,862,496	615,541	293,115	239,824	174,903	302,895	252,868	6,008,650
%:	6.01%	1.13%	14.70%	11.06%	1.30%	0.07%	3.45%	31.00%	10.24%	4.88%	3.99%	2.91%	5.04%	4.21%	100.00%

† Miscellaneous State Waters: 1,059

+ Cost values determined from "2013 ECONOMIC IMPACT OF FISHING IN ARIZONA", Anthony Fedler, PhD. and Responsive Management.

Arizona Total: 6,009,709

Pinal County had no angling activity report in 2013.

† = Miscellaneous State Waters: Ackre Lake, Coors Lake, Dankworth Pond, Dude Creek, Elk Tank, Huffer Tank, Hulsey Lake, Nutrioso Reservoir, Pratt Lake, Scholze Lake, West Clear Creek, White Mountain Lake, and Workman Creek. Excluded from master list due to a weighted n value below 1 or the percent of total angler user days below 0.01%.

