

**ARIZONA STATE PARKS BOARD  
ARIZONA GAME & FISH DEPARTMENT**

CONTRACT NO. ADSPO13-038343

**2016 ARIZONA WATERCRAFT SURVEY**

June 2016

Prepared by:  
Behavior Research Center, Inc.  
45 East Monterey Way  
Phoenix, Arizona 85012



## TABLE OF CONTENTS

	Page
1.0 INTRODUCTION	1
2.0 SUMMARY OF THE FINDINGS	2
Use of Watercraft in Arizona	2
Additional Boating Data	8
3.0 RESEARCH METHODOLOGY	12
3.1 Boat Owner Survey – Sample Selection	12
3.2 Boat Owner Survey – Questionnaire Development	16
3.3 Boat Owner Survey – Data Collection	17
4.0 OVERALL USE OF ARIZONA LAKES AND RIVERS	18
5.0 RECREATIONAL WATERCRAFT USE BY COUNTY	22
5.1 30 Day Data Set	22
5.2 12 Month Data Set	44
5.3 Combined Data Set	65
6.0 ADDITIONAL BOATING DATA	68
6.1 Trip Expenditures	68
6.2 Boating and Water-based Recreational Facilities Most Needed	69
6.3 Evaluation of Water-based Recreation Facilities	70
6.4 Awareness of SLIF Program	73
6.5 Utilization of SLIF Funds	73
6.6 Law Enforcement Priorities	75
6.7 Attitudes on Various Water-based Recreation Issues	78
6.8 Recreational Activities Participated In	80
6.9 Awareness of Quagga Mussel Threat	81
6.10 Boating Safety Class Participation	82
6.11 Non-Motorized Watercraft Ownership and Attitudes	83
7.0 APPENDIX	85
7.1 Survey Questionnaire	85

## LIST OF TABLES

	Page
TABLE 1: WATERCRAFT POPULATION IN SAMPLE	12
TABLE 2: TOTAL SAMPLING DISTRIBUTION	14
TABLE 3: SAMPLE DISTRIBUTION – BY STATE	15
TABLE 4: WATERCRAFT USE ON ARIZONA LAKES AND RIVERS – PAST 30 DAYS/PAST 12 MONTHS	18
TABLE 5: MAIN REASONS FOR NOT USING BOAT WITHIN LAST 12 MONTHS	19
TABLE 6: NUMBER OF USE DAYS AND NUMBER OF TRIPS – PAST 30 DAYS/PAST 12 MONTHS	20
TABLE 7: BOAT USE DAYS BY COUNTY – OVERALL SUMMARY (30 DAY DATA)	23
TABLE 8: PERSON USE DAYS BY COUNTY – OVERALL SUMMARY (30 DAY DATA)	24
TABLE 9: BOAT USE DAYS BY COUNTY AND STATE (30 DAY DATA)	25
TABLE 10: PERSON USE DAYS BY COUNTY AND STATE (30 DAY DATA)	26
TABLE 11: WATERCRAFT USE BY SPECIFIC LAKES/RIVERS (30 DAY DATA)	27
TABLE 12: WATERCRAFT USAGE: ARIZONA REGISTERED BOATS (30 DAY DATA)	28
TABLE 13: WATERCRAFT USAGE: CALIFORNIA REGISTERED BOATS (30 DAY DATA)	32
TABLE 14: WATERCRAFT USAGE: NEVADA REGISTERED BOATS (30 DAY DATA)	36
TABLE 15: WATERCRAFT USAGE: UTAH REGISTERED BOATS (30 DAY DATA)	40
TABLE 16: BOAT USE DAYS BY COUNTY – OVERALL SUMMARY (12 MONTH DATA)	44
TABLE 17: PERSON USE DAYS BY COUNTY – OVERALL SUMMARY (12 MONTH DATA)	45

(CONTINUED)

## (CONT.) LIST OF TABLES

	Page
TABLE 18: BOAT USE DAYS BY COUNTY AND STATE (12 MONTH DATA)	46
TABLE 19: PERSON USE DAYS BY COUNTY AND STATE (12 MONTH DATA)	46
TABLE 20: WATERCRAFT USE BY SPECIFIC LAKES/RIVERS (12 MONTH DATA)	47
TABLE 21: WATERCRAFT USAGE: ARIZONA REGISTERED BOATS (12 MONTH DATA)	49
TABLE 22: WATERCRAFT USAGE: CALIFORNIA REGISTERED BOATS (12 MONTH DATA)	53
TABLE 23: WATERCRAFT USAGE: NEVADA REGISTERED BOATS (12 MONTH DATA)	57
TABLE 24: WATERCRAFT USAGE: UTAH REGISTERED BOATS (12 MONTH DATA)	61
TABLE 25: BOAT USE DAYS AND PERSON USE DAYS BY COUNTY (COMBINED 30 DAY/12 MONTH DATA)	65
TABLE 26: WATERCRAFT USE BY SPECIFIC LAKES/RIVERS (COMBINED 30 DAY /12 MONTH DATA)	66
TABLE 27: TRIP EXPENDITURES	68
TABLE 28: BOATING AND WATER-BASED RECREATIONAL FACILITIES/ SERVICES NEEDED	69
TABLE 29: EVALUATION OF WATER-BASED RECREATION FACILITIES	71
TABLE 30: EVALUATION OF WATER-BASED RECREATION FACILITIES BY STATE	72
TABLE 31: AWARENESS OF SLIF PROGRAM	73
TABLE 32: UTILIZATION OF SLIF FUNDS	74
TABLE 33: LAW ENFORCEMENT ACTIVITIES NEEDED	75
TABLE 34: ATTITUDES ON SELECTED LAW ENFORCEMENT AND SAFETY ISSUES	77

(CONTINUED)

## (CONT.) LIST OF TABLES

	Page
TABLE 35: ATTITUDES ON MISCELLANEOUS WATER-BASED RECREATION ISSUES	79
TABLE 36: RECREATIONAL ACTIVITIES – SINGLE FAVORITE	80
TABLE 37: RECREATIONAL ACTIVITIES – TOTAL	80
TABLE 38: AWARENESS OF QUAGGA MUSSEL THREAT	81
TABLE 39: BOATING SAFETY CLASS PARTICIPATION	82
TABLE 40: NON-MOTORIZED WATERCRAFT OWNERSHIP	83
TABLE 41: VOLUME OF NON-MOTORIZED WATERCRAFT ON ARIZONA WATERWAYS	83
TABLE 42: IMPACT OF NON-MOTORIZED WATERCRAFT ON PERSONAL RECREATION EXPERIENCE	84

## 1.0 INTRODUCTION

This study was commissioned by the Arizona State Parks Board (ASPB) and the Arizona Game & Fish Department (AGFD). The primary purpose of this effort was to determine the number of days of recreational watercraft use in each of the state's counties by boat use days and person use days.

In addition to collecting the above information, this study also collected selected attitudinal and behavioral data on the following subjects:

- Water-based and non-water-based recreational activities participated in;
- Boating and water-based recreational facility needs;
- SLIF fund utilization priorities;
- Adequacy and focus of watercraft law enforcement activities; and
- Attitudes about selected watercraft and outdoor recreation issues.

The information contained in this report is based on a statistically valid and projectable telephone survey of 6,695 registered watercraft owners in Arizona, California, Nevada and Utah. To develop the most accurate data possible, the data collection effort was divided into 24 separate data collection segments spread over the 12-month period from April 21, 2015, to April 7, 2016. Using this format, a total of approximately 560 interviews were conducted each month with one-half being conducted between roughly the 1<sup>st</sup> and 5<sup>th</sup> of the month and one-half between roughly the 16<sup>th</sup> and 20<sup>th</sup> of the month. During each of the 24 interviewing segments, boaters were asked to recall their boating patterns for only the 30 days prior to the interview.

This study was designed and executed under the direction of a Technical Advisory Committee (TAC) comprised of representatives from each sponsoring agency. The Behavior Research Center (BRC) wishes to thank each of the following TAC members for their indispensable assistance in the successful completion of this most important project:

- Dawn Collins, ASPB
- Kent Ennis, ASPB (retired)
- Gene Elms, AGFD
- Tim Baumgarten, AGFD

The Behavior Research Center has presented all of the data germane to the basic research objectives of the project. However, if the TAC requires additional data retrieval or interpretation, we stand ready to provide such input.

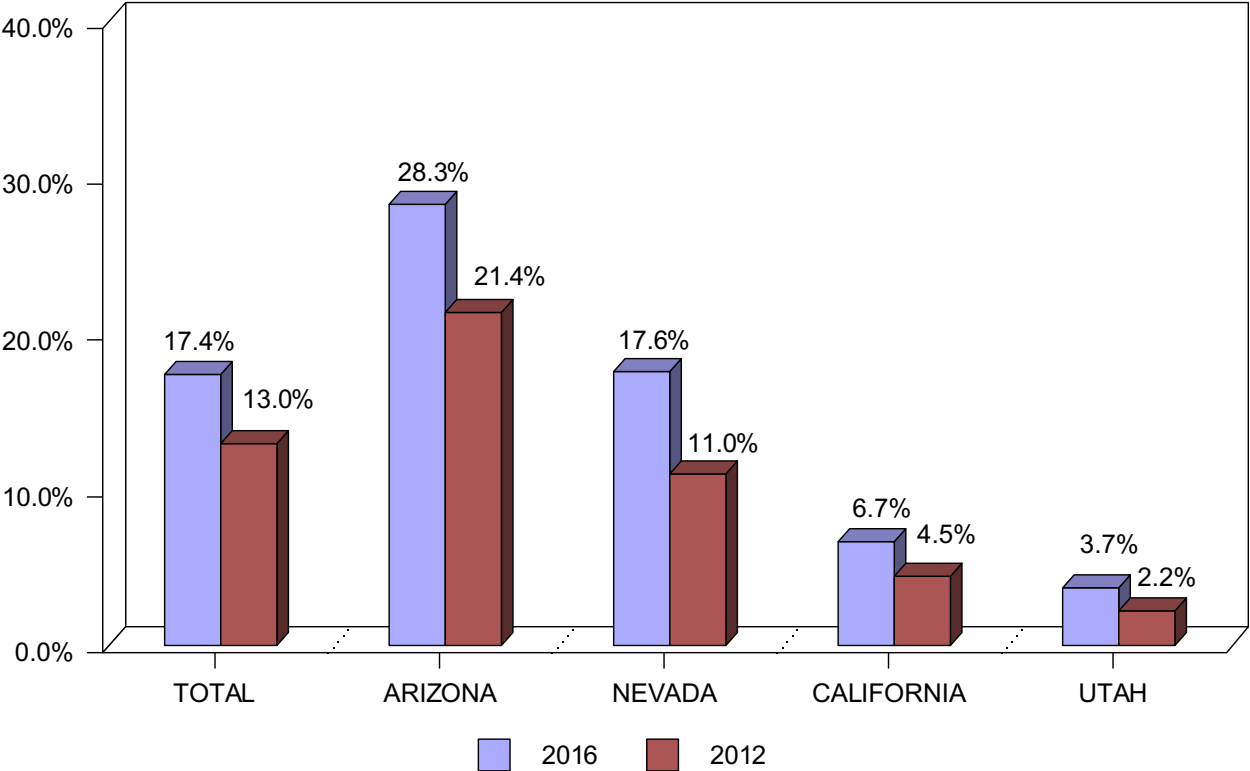
BEHAVIOR RESEARCH CENTER

## 2.0 SUMMARY OF THE FINDINGS

### USE OF WATERCRAFT IN ARIZONA

- 17.4 percent of registered watercraft owners in Arizona, California, Nevada and Utah used their boats during any given 30-day period. Among Arizona watercraft owners, usage reaches 28.3 percent compared to 17.6 percent of Nevada owners, 6.7 percent of California owners and 3.7 percent of Utah owners. Each of these readings is up from 2012.

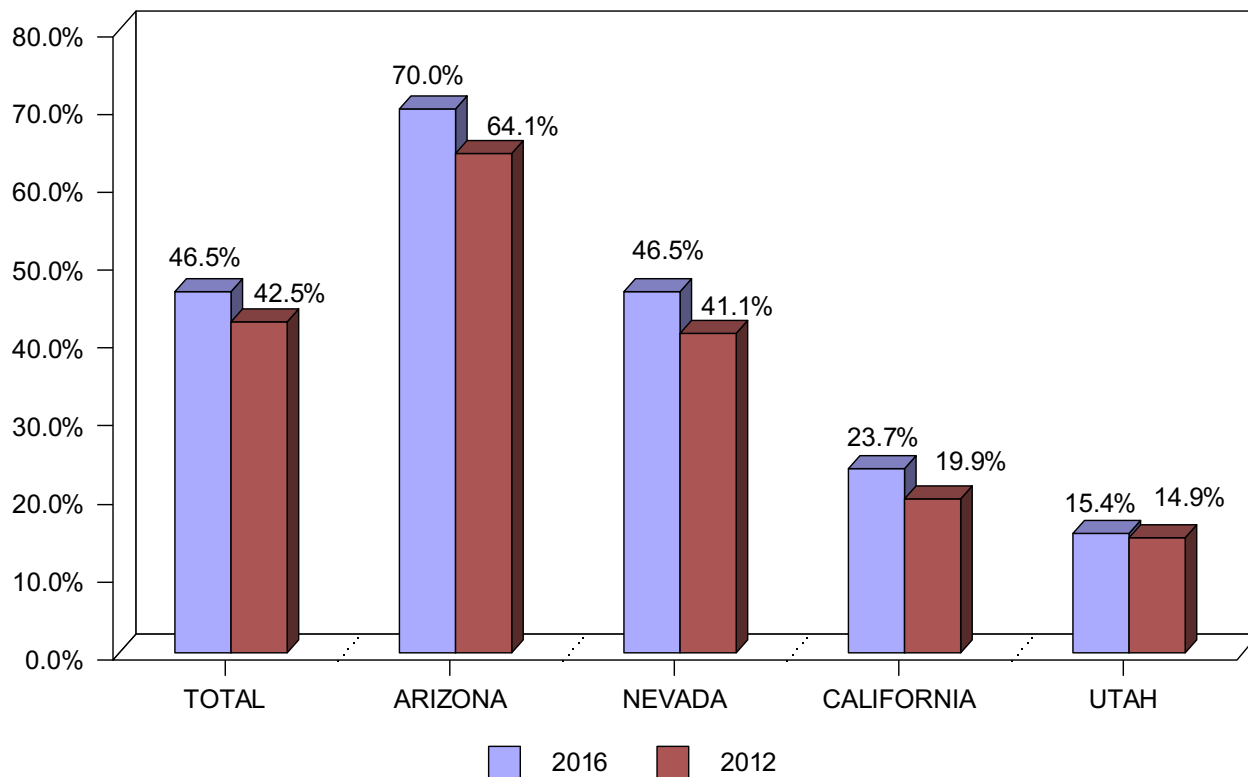
### BOAT USE IN ARIZONA IN ANY GIVEN 30 DAY PERIOD



C1

- 46.5 percent of all watercraft owners in the four-state survey universe utilized their boats in Arizona during the prior year, which is up from 42.5 percent in 2012. Among Arizona users, the figure reaches 70.0 percent compared to 46.5 percent among Nevada owners, 23.7 percent among California owners and 15.4 percent among Utah owners.

## BOAT USE IN ARIZONA DURING PAST 12 MONTHS

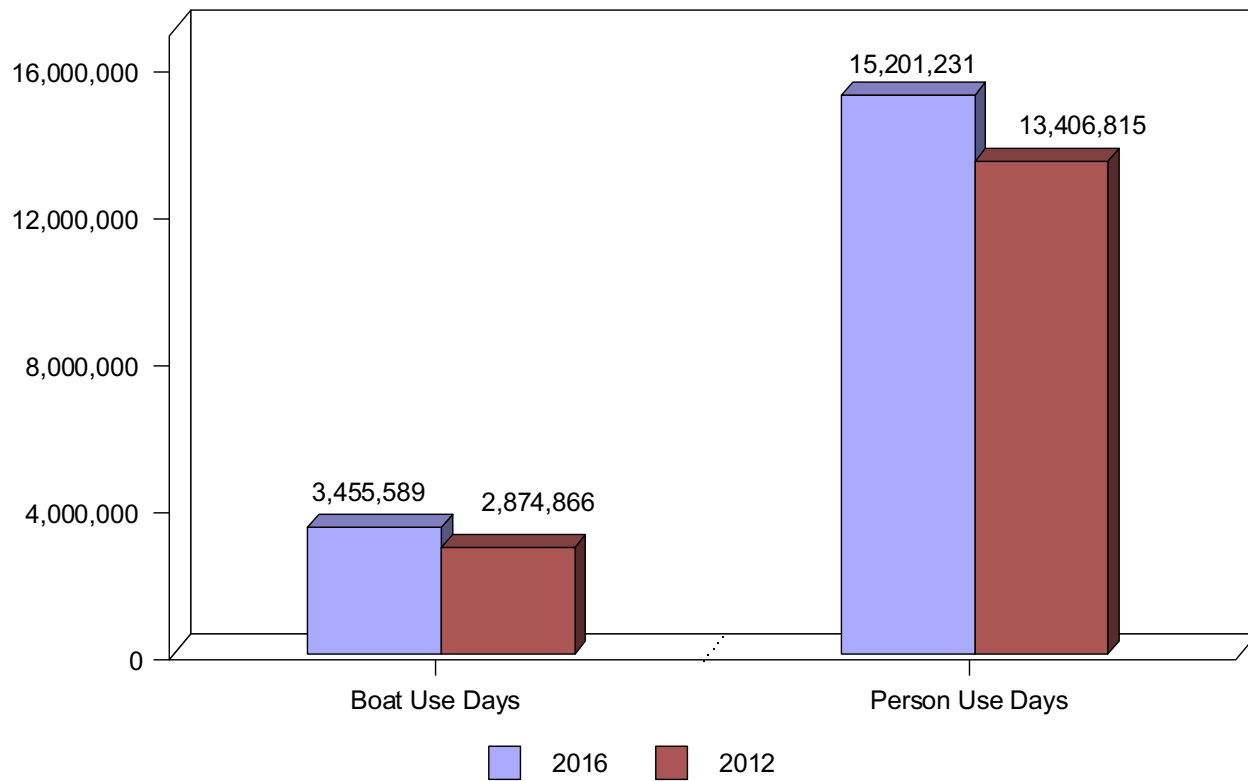


c2



- Total boat use days in 2016 were 3,455,589 (up 20% from 2012) while total person use days were 15,201,231 (up 13% from 2012).

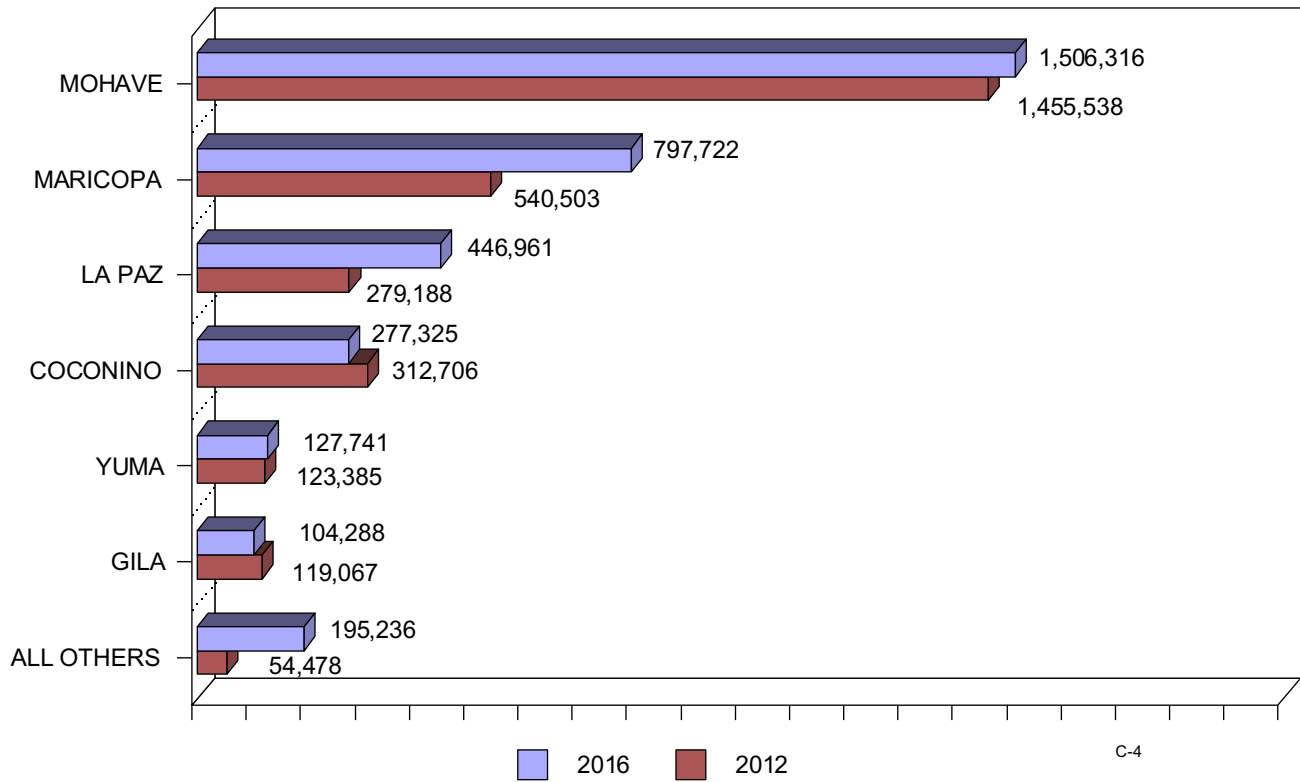
## BOAT USE DAYS & PERSON USE DAYS -- 30 DAY PERIOD



C-3

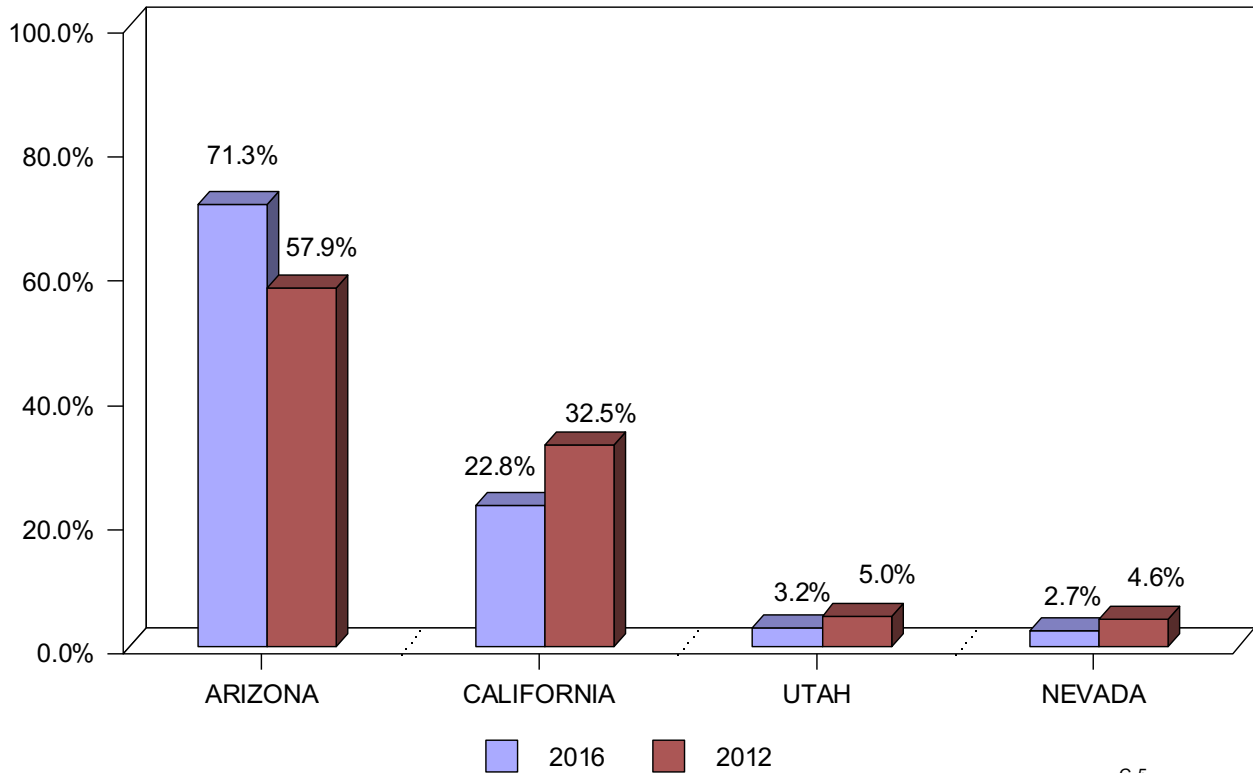
- Similar to the prior studies, Mohave County is the dominant boating location in Arizona with 43.6 percent of total boat use days – a figure which is down from 50.3 percent in 2012. Also note the major increased use of Maricopa County (+48%) and La Paz County (+60%) lakes since 2012.

### BOAT USE DAYS BY ARIZONA COUNTY -- 30 DAY PERIOD



- Arizona boaters account for 71.3 percent of boat use days followed by California boaters with 22.8 percent, Utah boaters with 3.2 percent and Nevada boaters with 2.7 percent. These figures represent a continuation of a pattern of increased boat use days among boaters from Arizona and decreased boat use days among boaters from California, Utah and Nevada.

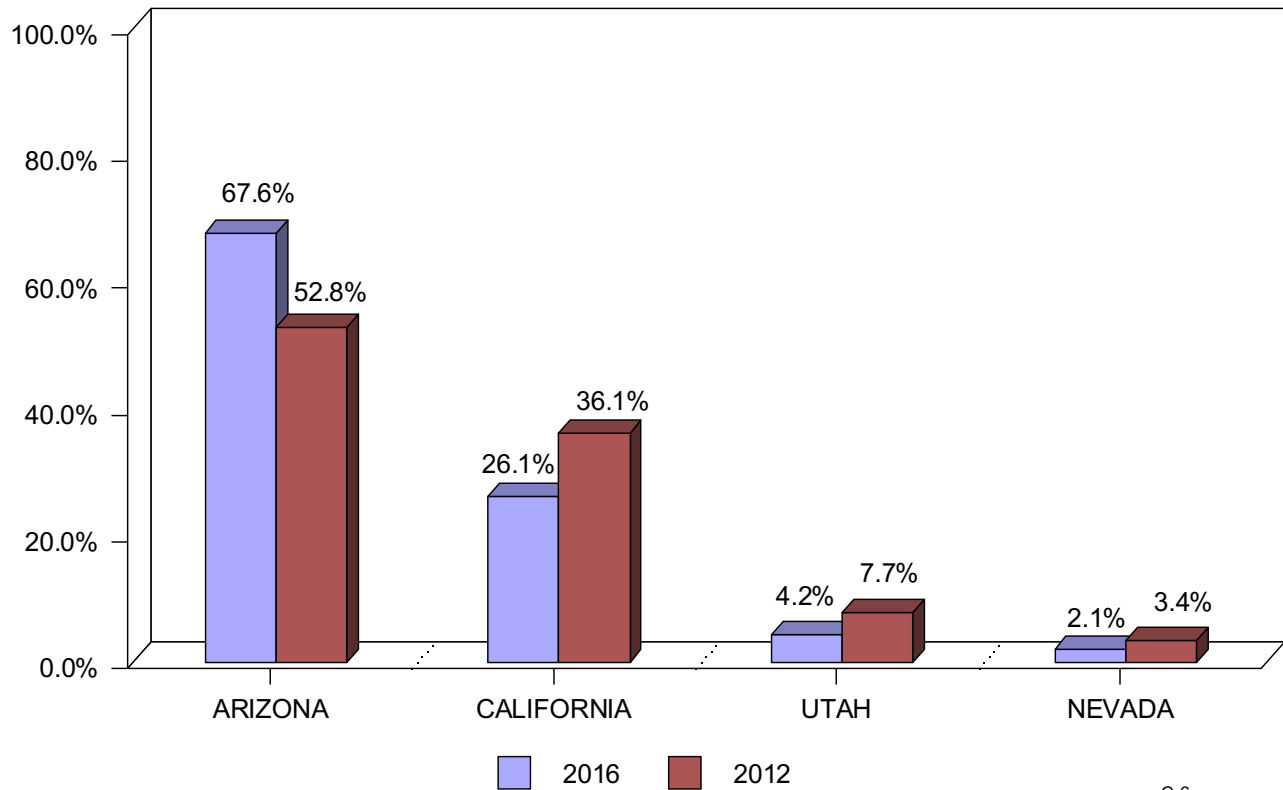
## BOAT USE DAYS BY STATE GIVEN 30 DAY PERIOD



C-5

- Arizona boaters account for 67.6 percent of person use days (up from 52.8% in 2012) followed by California boaters with 26.1 percent (down from 36.1% in 2012), Utah boaters with 4.2 percent and Nevada boaters with 2.1 percent.

## PERSON USE DAYS BY STATE GIVEN 30 DAY PERIOD



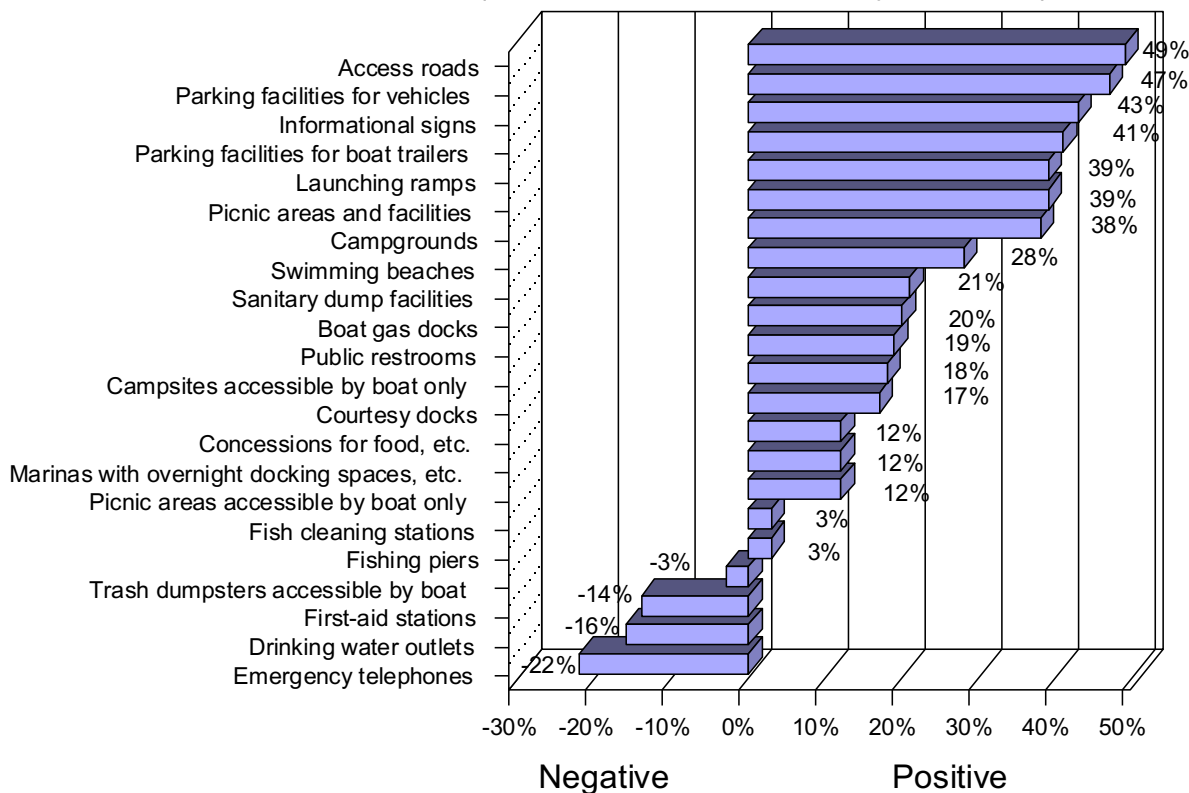
C-6

- Lake Havasu continues to be the state's most utilized lake in terms of both boat use days (908,568) and person use days (4,023,978). The boat use days figure is nearly identical to the 2012 figure (900,712) while the person use days figure is down (4,386,115).

## ADDITIONAL BOATING DATA

- The average daily expenditure for a boating trip in Arizona is \$415 – up sharply from \$316 in 2012. The typical Arizona boater spends \$329 per day compared to \$694 for California boaters, \$213 for Nevada boaters and \$600 for Utah boaters.
- Public restrooms (22%) and launch ramps (19%) continue to be the most frequently mentioned needed facilities at boaters' favorite lakes.
- When boaters are asked to evaluate each of 22 specific boating and water-based recreational facilities at their favorite lake, the facility registering the highest net positive reading is access roads (+49%) followed by parking facilities for vehicles (+47%). One item continues to register a net negative reading from one-quarter of boaters: emergency telephones (-22%).

## NET POSITIVE/NEGATIVE RATINGS (Excellent/Good Minus Only Fair/Poor)

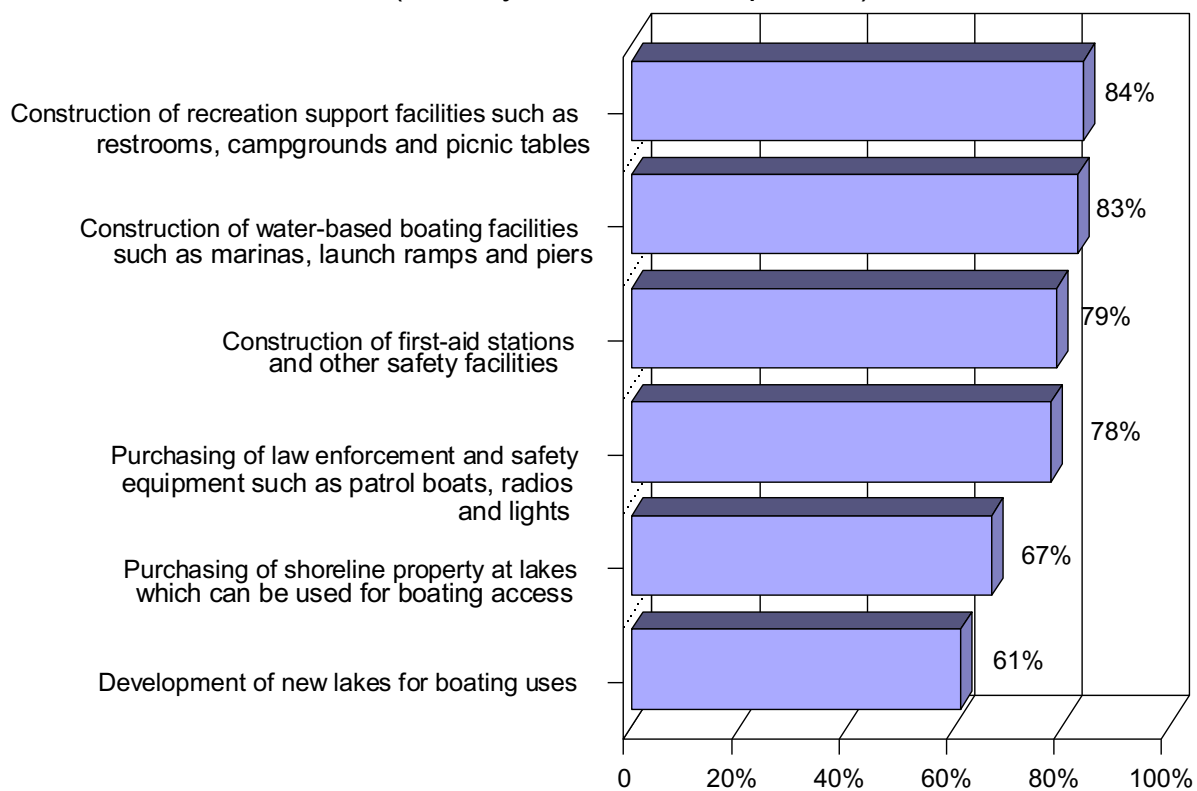


C7

- Six percent of boaters are aware of the SLIF program, little different from the six percent in 2012 and seven percent in 2009. As might be expected, awareness is highest in Arizona with a reading of eight percent. When boaters are asked how important they feel each of six SLIF funding functions are, four of the functions are rated very or somewhat important by roughly eight out of ten boaters or more: 1) the construction of recreation support facilities such as restrooms, campgrounds and picnic tables (84%); 2) the construction of water-based boating facilities such as marinas, launch ramps and piers (83%); 3) the construction of first-aid stations and other safety facilities (79%); and 4) the purchasing of law enforcement and safety equipment such as patrol boats, radios and lights (78%). These four functions have remained at the top of the importance list over the past six studies.

## UTILIZATION OF SLIF FUNDS

(% Very/Somewhat Important)



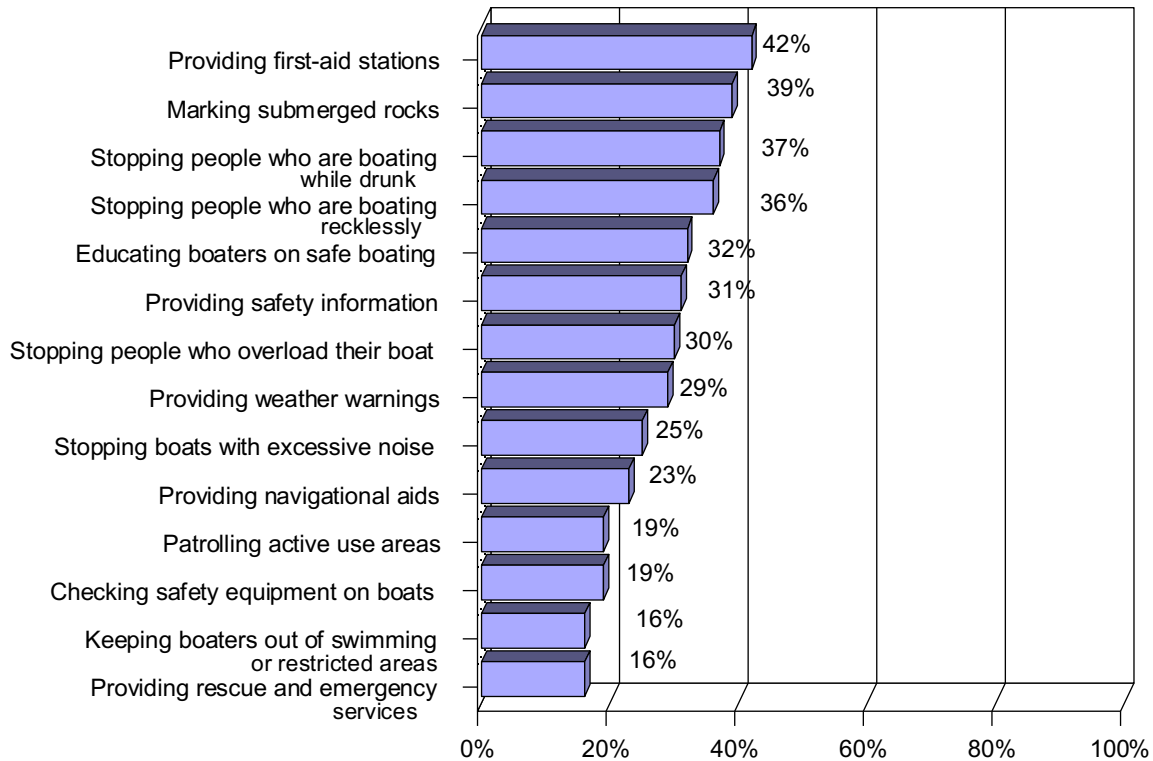
C8



- Providing first-aid stations (42%), marking submerged rocks and other hazards (39%), stopping people who are boating while drunk (37%) and stopping people who are boating recklessly (36%) are the law enforcement activities which boaters would most like to see increased at their favorite lake or river.

### LAW ENFORCEMENT ACTIVITIES NEEDED

(% Should Be Doing More)



C9

- Also relating to law enforcement and safety issues at Arizona lakes, seven out of ten boaters or more agree with the following attitudes:
  - That hands-on training should be required for boat rental customers (85%)
  - That boating law violators should be required to take a boating safety class (82%)
  - That laws and regulations are being adequately enforced (81%)
  - That the minimum age for boat operators should be 16 years old (72%)



- Eight out of ten boaters (77%) support boating safety educational centers at Arizona lakes.
- A majority of boaters (66%) do not believe their favorite lake is too crowded, while 29 percent do.
- A majority of boaters (58%) believe the number of people using a lake should not be restricted during high use periods, while 39 percent do.
- A majority of boaters (55%) do not believe the launch ramps at their favorite lake are too crowded, while 40 percent do.
- 49 percent of boaters would support designating special areas for use only by jet skis – 47 percent would not.
- 46 percent of boaters believe their favorite lake does not need additional developed campgrounds, while 45 percent do.
- 46 percent of boaters do not believe their favorite lake needs additional RV hookups, while 42 percent do.
- 46 percent of boaters believe their favorite lake needs additional primitive-type campgrounds, while 42 percent do not.
- Boaters' top two single favorite boating activities continue to be fishing (29%) and general pleasure boating (29%).
- Eighty-seven percent of boaters indicate that they are aware of the Quagga mussel with 57 percent indicating they know "a lot" – up from 46 percent in 2009 and 53 percent in 2012. In addition, 57 percent of boaters who are aware of the mussel, believe it is a "major threat" to Arizona's lakes and rivers.
- One out of four (24%) Arizona boaters indicate that they have ever taken a boating safety class in Arizona. In addition, a majority of Arizona boaters (55%) who have not taken a boating safety class say they would be either very (20%) or somewhat interested (35%) in doing so. By far and away, the most useful thing that class attendees say they learned were the rules, laws and regulations of boating (46%).
- Thirty-four percent of Arizona boat owners indicate they also own at least one of four non-motorized watercraft tested: raft (19%), kayak (15%), stand-up paddle board (9%), canoe (9%).
- A majority of Arizona boat owners (53%) indicate that they have seen more non-motorized watercraft on Arizona's lakes and rivers over the past year or two. Further, 81 percent of Arizona boat owners feel that non-motorized watercraft have had no impact on their personal recreation experiences. In comparison, 12 percent say they have had a positive impact and seven percent a negative impact.

## 3.0 RESEARCH METHODOLOGY

### 3.1 Boat Owner Survey – Sample Selection

To properly address this project's informational needs, it was necessary to collect information from both Arizona registered boat owners and non-Arizona registered boat owners who utilize Arizona's lakes and rivers.

In order to get an accurate picture of boaters' use of Arizona's lakes and rivers, this project utilized a very large final random sample of 6,695 Arizona, California, Nevada and Utah watercraft owners. A sample of this size is unusual but was deemed necessary for this project due to the need to estimate watercraft usage down to the county and individual lake level.

A total of 530,277 Arizona and non-Arizona registered boat owners stratified by boat class were systematically random-sampled via telephone from current boat registration lists obtained from each state included in the study (Arizona Game & Fish Department, California Department of Motor Vehicles, Nevada Division of Wildlife and Utah Division of Motor Vehicles) to determine their usage patterns during the study period. These figures were then projected to total boat registrations and the findings presented later in this report were calculated. The non-Arizona boaters sample was drawn from the neighboring California counties of Imperial, Los Angeles, Orange, Riverside, San Diego and San Bernardino, the Nevada county of Clark and the state of Utah.

As may be seen on the following table, a total of 530,277 watercraft are registered in the sample universe. Of this total, 49.4 percent are located in California, while 34.3 percent are located in Arizona, 3.9 percent in Nevada and 12.4 percent in Utah.

TABLE 1: WATERCRAFT POPULATION IN SAMPLE

BOAT CLASS	<u>STATE OF REGISTRATION</u>									
	<u>ARIZONA</u>		<u>CALIFORNIA</u>		<u>NEVADA</u>		<u>UTAH</u>		<u>TOTAL</u>	
	Number	%	Number	%	Number	%	Number	%	Number	%
1	41,932	23.0	37,288	14.2	2,389	11.5	9,955	15.2	91,564	17.3
2	33,954	18.7	83,534	31.9	4,633	22.3	11,304	17.2	133,425	25.1
3	111	.1	10,492	4.0	561	2.7	887	1.4	12,051	2.3
4	43,352	23.8	34,659	13.2	3,075	14.8	11,553	17.6	92,639	17.5
5	50,583	27.8	75,066	28.7	8,141	39.2	27,366	41.8	161,156	30.3
6	39	.0	6,776	2.6	32	.2	913	1.4	7,760	1.5
7	2,483	1.4	1,374	.5	217	1.1	964	1.5	5,038	1.0
8	9,421	5.2	8,163	3.1	1,711	8.2	2,426	3.7	21,721	4.1
9	5	.0	4,769	1.8	1	.0	148	.2	4,923	.9
TOTAL	181,880	100.0	262,121	100.0	20,760	100.0	65,516	100.0	530,277	100.0
CUMULATIVE TOTAL	34.3%		49.4%		3.9%		12.4%		100.0%	

To develop the most accurate data possible, the data collection effort was divided into 24 separate data collection segments spread over the 12-month period from April 21, 2015, to April 7, 2016. Using this format, a total of approximately 550 interviews were conducted each month with one-half being conducted between roughly the 1<sup>st</sup> and 5<sup>th</sup> of the month and one-half between roughly the 16<sup>th</sup> and 20<sup>th</sup> of the month. During each of the 24 interviewing segments, boaters were asked to recall their boating patterns for the 30 days prior to the interview.

At the beginning of this process, an analysis was made of the gasoline consumption variances that existed within each of the nine size/propulsion categories from the 2012 Arizona Watercraft Survey to determine the best method to stratify the current sample of boat owners to optimize sampling accuracy and efficiency. This analysis revealed that certain categories are very homogeneous and thus render relatively small standard deviations, while other classes are very heterogeneous and thus render relatively large standard deviations. This situation called for the use of a disproportional stratified sample in this segment of the study.

CLASS	LENGTH	PROPULSION
1	Under 16'	Outboard (prop)
2	Under 16'	Inboard & In/Out (prop & jet)
3	Under 16'	Other (sail, oar, electric)
4	16' to 25'	Outboard (prop)
5	16' to 25'	Inboard & In/Out (prop & jet)
6	16' to 25'	Other (sail, oar, electric)
7	Over 25'	Outboard (prop)
8	Over 25'	Inboard & In/Out (prop & jet)
9	Over 25'	Other (sail, oar, electric)

~~~~~

In disproportional stratified sampling, disproportionate sampling fractions are used to manipulate the number of cases selected from each strata (in this case, the nine size/propulsion classes), with the strata's standard deviations being used as the basis for allocation of cases. Those classes with proportionately larger standard deviations receive a proportionately larger number of cases, while those with proportionately smaller standard deviations receive a proportionately smaller number of cases. In essence, this sampling method allows us to select fewer cases from homogeneous classes and more cases from heterogeneous classes, thereby increasing overall sampling efficiency and accuracy. As a result, the final gasoline consumption estimates are sensitive to variations in consumption within the size/propulsion classes, thereby increasing the accuracy of the final estimate. In addition, this methodology meets the contract-required minimum of a margin of error of less than five percent at a 95 percent confidence level.

TABLE 2: TOTAL SAMPLING DISTRIBUTION

2012 Watercraft Survey

| Boat Class | Length     | Propulsion                    | Avg. (Mean) Daily Fuel Consumption | Standard Deviation | % of 2015 Registrations | Proportional Sample Distribution | +/- Margin Of Error At 95% Confidence | Disproportional Stratified Sample | +/- Margin Of Error At 95% Confidence |
|------------|------------|-------------------------------|------------------------------------|--------------------|-------------------------|----------------------------------|---------------------------------------|-----------------------------------|---------------------------------------|
| 1          | Under 16'  | Outboard (prop)               | 7.4                                | 9.2                | 17.3                    | 1,142                            | 3.0%                                  | 1,000                             | 3.2%                                  |
| 2          | Under 16'  | Inboard & In/Out (prop & jet) | 15.6                               | 18.9               | 25.1                    | 1,656                            | 2.5                                   | 1,650                             | 2.5                                   |
| 3          | Under 16'  | Other (sail, oar, electric)   | 2.5                                | 2.1                | 2.3                     | 152                              | 8.1                                   | 275                               | 6.0                                   |
| 4          | 16' to 25' | Outboard (prop)               | 8.5                                | 11.7               | 17.5                    | 1,155                            | 2.9                                   | 1,075                             | 3.0                                   |
| 5          | 16' to 25' | Inboard & In/Out (prop & jet) | 14.1                               | 11.9               | 30.3                    | 2,000                            | 2.2                                   | 1,780                             | 2.4                                   |
| 6          | 16' to 25' | Other (sail, oar, electric)   | 6.0                                | 4.6                | 1.5                     | 99                               | 10.0                                  | 175                               | 7.6                                   |
| 7          | Over 25'   | Outboard (prop)               | 15.1                               | 13.5               | 1.0                     | 66                               | 12.3                                  | 170                               | 7.7                                   |
| 8          | Over 25'   | Inboard & In/Out (prop & jet) | 21.5                               | 12.2               | 4.1                     | 271                              | 6.1                                   | 300                               | 5.8                                   |
| 9          | Over 25'   | Other (sail, oar, electric)   | 4.4                                | 3.6                | .9                      | 59                               | 13.0                                  | 175                               | 7.6                                   |
| TOTAL      |            |                               | 12.1                               | 13.7               | 100.0%                  | 6,600                            | 1.2%                                  | 6,600                             | 1.2%                                  |

~~~~~

To properly address this study's informational needs, the total interview sampling base was distributed among Arizona, California, Nevada and Utah watercraft owners in the following fashion. This distribution does not exactly reflect the Boat Use Days distribution derived from the 2012 Watercraft Survey and was used because it allows for more sensitive county use data since few Californians use any Arizona lakes except those adjacent to the Colorado River.

A total of 6,695 interviews were conducted during the course of this study – 3,152 Arizona, 2,485 California, 512 Nevada, 546 Utah. This volume is higher than the 6,600 initially planned for because additional interviews were conducted during each of the 24 interviewing segments.

TABLE 3: SAMPLE DISTRIBUTION – BY STATE

<u>STATE</u>	<u>BOAT USE DAYS 2012</u>	<u>SAMPLE PERCENT</u>	<u>TARGET SAMPLE NUMBER</u>	<u>FINAL SAMPLE SIZE</u>
Arizona	57.9%	47.5%	3,135	3,152
California	32.5	37.5	2,475	2,485
Nevada	5.0	7.5	495	512
Utah	<u>4.6</u>	<u>7.5</u>	<u>495</u>	<u>546</u>
TOTAL	100.0%	100.0%	6,600	6,695

~~~~~

### **3.2 Boat Owner Survey – Questionnaire Development**

The survey questionnaire utilized on this project was developed by BRC in conjunction with the TAC (see Appendix). The question areas were as follows:

#### **Watercraft Use:**

- Number of days watercraft used (prior 30 days, annually)
- Reasons for non-use
- Specific Arizona lakes and rivers visited (prior 30 days, prior 12 months)
- Number of boating trips made (prior 30 days)

#### **Destination Information:**

- Most frequently visited lakes or rivers
- Average dollar amount spent on typical boating trip

#### **Recreational Use Data:**

- Boating activities engaged in during the recreation day
- Number of people per boating party on a typical outing

#### **Boater Opinion:**

- Types of boating and water-based recreational facilities needed at lake or river most often visited
- Evaluation of water-based recreation facilities at lake or river most often visited
- Adequacy of boating law enforcement and the safety and education programs at lake or river most often visited
- Awareness of State Lake Improvement Fund (SLIF)
- SLIF program funding priorities
- General attitudes on selected boating issues

After approval of the preliminary draft questionnaire, it was pre-tested with a randomly selected cross-section of watercraft owners. The pre-test focused on the value and understandability of the questions, adequacy of response categories, questions for which probes were necessary and the like. No changes were made following the pre-test and the final form received TAC approval.

This survey utilized a “split” sample methodology. Using this methodology, selected survey questions were designated core questions and asked of all survey respondents while other survey questions were asked of only one-third of the survey respondents. This methodology is commonly used when the volume of information desired is particularly extensive and the number of interviews to be conducted is of adequate size to justify splitting. Questions 1 through 11a were designated core questions for the purpose of this survey and asked of all study respondents. The remaining questions were asked of approximately one-third of the study respondents.

### **3.3 Boat Owner Survey – Data Collection**

All of the interviewing on this project was conducted at BRC's Computer-Assisted Telephone Interviewing (CATI) facility in Phoenix where each interviewer worked under the direct supervision of BRC supervisory personnel. All of the interviewers who worked on this project were professional interviewers of the Center. Each had prior experience with BRC and received a thorough briefing on the particulars of this study. During the briefing, the interviewers were trained on (a) the purpose of the study, (b) sampling procedures, (c) administration of the questionnaire, and; (d) other project-related factors. In addition, each interviewer completed a set of practice interviews to assure that all procedures were understood and followed.

As noted earlier, telephone interviewing on this study was conducted during 24 two-week time segments starting in April 2015 and ending in April 2016. During each segment, interviewing was restricted to Tuesdays, Wednesdays and Thursdays in order to avoid those days (Friday through Monday) on which the target universe (boat owners) was most likely to be away from home using their watercraft. Further, during the interviewing segment of this study, up to four separate attempts, on different days and during different times of day, were made to contact each selected boat owner. Only after four unsuccessful attempts was a selected boat owner substituted in the sample. Using this methodology, the full sample was completed and partially completed interviews were not accepted or counted toward fulfillment of the total sample quotas.

One hundred percent of the completed interviews were edited and any containing errors were pulled and the errors corrected. In addition, 15 percent of each interviewer's work was randomly selected for validation to ensure its authenticity and correctness. No problems were encountered during this phase of interviewing quality control.

As the data collection segment of this study was being undertaken, completed and validated interviews were turned over to BRC's in-house Coding Department. The Coding Department edited, validated and coded the interviews. Each interview that received final Coding Department approval was then transferred to the BRC Computer Department where a series of validity and logic checks were run on the data to ensure it was "clean."

The final step prior to running computer analysis of the survey data was to "weight" the data to reflect the actual distribution of watercraft found in the sample universe as revealed earlier in Table 1. This weighted data was only used in analyzing the attitudinal data collected in the survey, not in calculating the fuel consumption and boat use data.

## 4.0 OVERALL USE OF ARIZONA LAKES AND RIVERS

Watercraft owners were asked to indicate whether or not they utilized their boats on Arizona lakes and rivers during the 30 days prior to being interviewed or at any time during the prior 12 months.

Looking first at use during the prior 30-day period, we find that 17.4 percent of registered watercraft owners in Arizona, California, Nevada and Utah used their boats during any given 30 day period. Among Arizona watercraft owners, usage reaches 28.3 percent compared to 6.7 percent of California owners, 17.6 percent of Nevada owners and 3.7 percent of Utah owners. Each of these readings is up from 2012.

Looking next at the 12 month figures, we find that 46.5 percent of all watercraft owners in the four-state survey universe utilized their boats in Arizona during the prior year, which is up from 42.5 percent in 2012. Among Arizona users, the figure reaches 70.0 percent compared to 23.7 percent among California owners, 46.5 percent among Nevada owners and 15.4 percent among Utah owners.

TABLE 4: WATERCRAFT USE ON ARIZONA LAKES AND RIVERS – PAST 30 DAYS/PAST 12 MONTHS

“To start, was your boat used on Arizona lakes and rivers, including the Colorado River, during the past 30 days?”

“Did you use your boat on Arizona lakes and rivers including the Colorado River, any time during the past 12 months?”

|                            | 2016  | 2012  | 2009  |
|----------------------------|-------|-------|-------|
| <u>USED PAST 30 DAYS</u>   |       |       |       |
| TOTAL                      | 17.4% | 13.0% |       |
| Arizona                    | 28.3  | 21.4  |       |
| California                 | 6.7   | 4.5   | NA    |
| Nevada                     | 17.6  | 11.0  |       |
| Utah                       | 3.7   | 2.2   |       |
| <u>USED PAST 12 MONTHS</u> |       |       |       |
| TOTAL                      | 46.5% | 42.5% | 38.8% |
| Arizona                    | 70.0  | 64.1  | 62.8  |
| California                 | 23.7  | 19.9  | 16.2  |
| Nevada                     | 46.5  | 41.1  | 37.8  |
| Utah                       | 15.4  | 14.9  | 14.5  |

NA = 15-day period used in 2009 and earlier studies

~~~~~



The main reasons Arizona watercraft owners give for not using their boats in the state is that they are either too busy (39%) or have lost interest (23%). The main reason among California, Nevada and Utah owners is that they only use their boats in their home state (California 43%, Nevada 29%, Utah 38%).

TABLE 5: MAIN REASONS FOR NOT USING BOAT  
WITHIN LAST 12 MONTHS

“Was there any particular reason your boat wasn’t used in Arizona?”

	<u>STATE OF REGISTRATION</u>			
	<u>Arizona</u>	<u>California</u>	<u>Nevada</u>	<u>Utah</u>
Too busy, no time	39%	18%	22%	11%
Loss of interest, prefer other forms of recreation, medical	23	20	27	13
Boat is inoperable, broken down, in storage	18	11	9	4
Out-of-state resident, use only in other state	11	43	29	38
The expense is too much	5	3	3	2
Distance to Arizona lakes and rivers is too far	2	11	7	35
All other responses	8	7	5	7

Totals exceed 100% due to multiple responses

~~~~~

On Table 6, data is presented on use days and trip frequency during the past 30 days and the past 12 months. The following patterns are revealed:

**USAGE PAST 30 DAYS**

- **NUMBER OF USE DAYS** – Owners who used their boats on Arizona lakes and rivers in the past 30 days did so an average of 4.6 days, up from 4.0 days in 2012.
- **NUMBER OF TRIPS** – Forty-two percent of owners who used their boat in the past 30 days made one trip during the period, while 21 percent made two trips – little changed from 2012.

**USAGE PAST 12 MONTHS**

- **NUMBER OF USE DAYS** – Owners who used their boats on Arizona lakes and rivers in the past 12 months did so an average of 22.7 days – up from 16.7 days in 2012 and 14.6 days in 2009.
- **NUMBER OF TRIPS** – Fifty-five percent of owners who used their boats in Arizona during the past 30 days made ten or more trips in the past 12 months – little changed from 54 percent in 2012 but up from 44 percent in 2009.

**TABLE 6: NUMBER OF USE DAYS AND NUMBER OF TRIPS –  
PAST 30 DAYS/PAST 12 MONTHS**

(AMONG OWNERS USING BOATS IN ARIZONA)

|                           | <u>TOTAL</u>        |           | <u>STATE OF REGISTRATION – 2015</u> |            |           |           |
|---------------------------|---------------------|-----------|-------------------------------------|------------|-----------|-----------|
|                           | 2016                | 2012      | Arizona                             | California | Nevada    | Utah      |
|                           | <b>Past 30 Days</b> |           |                                     |            |           |           |
| <b>Number of Use Days</b> |                     |           |                                     |            |           |           |
| 1                         | 22%                 | 23%       | 22%                                 | 23%        | 39%       | 8%        |
| 2                         | 21                  | 24        | 22                                  | 20         | 23        | 4         |
| 3                         | 15                  | 13        | 16                                  | 13         | 16        | 14        |
| 4                         | 10                  | 11        | 10                                  | 8          | 5         | 24        |
| 5 to 6                    | 17                  | 15        | 17                                  | 18         | 1         | 24        |
| 7 or more                 | <u>15</u>           | <u>14</u> | <u>13</u>                           | <u>18</u>  | <u>16</u> | <u>26</u> |
|                           | 100%                | 100%      | 100%                                | 100%       | 100%      | 100%      |
| MEAN                      | 4.6                 | 4.0       | 4.4                                 | 4.6        | 6.5       | 4.7       |
| <b>Number of Trips</b>    |                     |           |                                     |            |           |           |
| 1                         | 42%                 | 40%       | 38%                                 | 48%        | 59%       | 68%       |
| 2                         | 21                  | 25        | 22                                  | 20         | 23        | 8         |
| 3 or more                 | <u>37</u>           | <u>35</u> | <u>40</u>                           | <u>32</u>  | <u>18</u> | <u>24</u> |
|                           | 100%                | 100%      | 100%                                | 100%       | 100%      | 100%      |

(CONTINUED)

(CONT.) TABLE 6: USE DAYS AND NUMBER OF TRIPS –  
PAST 30 DAYS/PAST 12 MONTHS

(AMONG OWNERS USING BOATS IN ARIZONA)

|                                    | <u>TOTAL</u> |             |             | <u>STATE OF REGISTRATION – 2015</u> |                   |               |             |
|------------------------------------|--------------|-------------|-------------|-------------------------------------|-------------------|---------------|-------------|
|                                    | <u>2016</u>  | <u>2012</u> | <u>2009</u> | <u>Arizona</u>                      | <u>California</u> | <u>Nevada</u> | <u>Utah</u> |
| <b>Past 12 Months</b>              |              |             |             |                                     |                   |               |             |
| <b>Number of Use Days</b>          |              |             |             |                                     |                   |               |             |
| 1 to 5                             | 23%          | 35%         | 36%         | 18%                                 | 35%               | 21%           | 26%         |
| 6 to 10                            | 19           | 23          | 25          | 18                                  | 22                | 23            | 16          |
| 11 to 15                           | 14           | 13          | 14          | 17                                  | 7                 | 16            | 29          |
| 16 to 24                           | 16           | 10          | 9           | 14                                  | 19                | 11            | 23          |
| 25 to 49                           | 17           | 13          | 11          | 21                                  | 10                | 15            | 6           |
| 50 or over                         | <u>11</u>    | <u>6</u>    | <u>5</u>    | <u>12</u>                           | <u>7</u>          | <u>14</u>     | <u>0</u>    |
|                                    | 100%         | 100%        | 100%        | 100%                                | 100%              | 100%          | 100%        |
| MEAN                               | 22.7         | 16.7        | 14.6        | 25.5                                | 16.0              | 22.2          | 12.9        |
| <b>Number of Trips<sup>1</sup></b> |              |             |             |                                     |                   |               |             |
| 1 to 4                             | 26%          | 27%         | 35%         | 20%                                 | 41%               | 21%           | 62%         |
| 5 to 9                             | 19           | 19          | 21          | 20                                  | 16                | 23            | 20          |
| 10 to 14                           | 15           | 14          | 15          | 17                                  | 13                | 6             | 8           |
| 15 to 24                           | 17           | 17          | 13          | 17                                  | 16                | 23            | 8           |
| 25 to 49                           | 15           | 14          | 11          | 17                                  | 8                 | 12            | 2           |
| 50 or over                         | <u>8</u>     | <u>9</u>    | <u>5</u>    | <u>9</u>                            | <u>6</u>          | <u>15</u>     | <u>0</u>    |
|                                    | 100%         | 100%        | 100%        | 100%                                | 100%              | 100%          | 100%        |

<sup>1</sup>Only asked of those owners who also used their boat in past 30 days  
~~~~~

## 5.0 RECREATIONAL WATERCRAFT USE BY COUNTY

In this section of the report, we present data on watercraft usage in each Arizona county by Arizona, California, Nevada and Utah boat owners. Watercraft usage in this section is calculated and presented using two different data sets. The first data set is based on lake utilization during the 30 days prior to being interviewed, while the second data set is based on lake utilization during the 12 months prior to being interviewed and excludes any boater who utilized their boat in the 30 days prior to being interviewed. This data set was first included in the 2000 Watercraft Survey at the request of the Arizona State Parks Board in order to get a broader representation of lake/river use in Arizona.

### 5.1 30 Day Data Set

The total number of days of use for each lake by boat class was obtained by summing days of use for all respondents in the sample for each class at each lake. In order to assure that each boat class was proportionately represented in the final calculation of boat usage at each lake, the total number of boats in a class was divided by the total number of respondents in each class. As a result of this division, a survey sample factor was generated for each class.

$$\begin{aligned}
 \text{Sample Factor} &= \frac{\text{Arizona Boats in Class 1}}{\text{Survey Respondents in Class 1}} \\
 &= \frac{24,990}{615} \\
 &= 40.63
 \end{aligned}$$

Days of usage at each lake or river from each boat class were then multiplied by the respective class sample factor and number of study segments (12) to obtain the total usage days for the lake or river for the respective class. By aggregating the calculated usage days over all classes, the total boat usage for each lake was determined.

Sample Use Days by Boat Class at Each Lake	X	Sample Factor	X	Study Segments	=	Boat Use Days at Each Lake
--	---	------------------	---	-------------------	---	----------------------------------

Person use days for each lake were then calculated by multiplying the boat use days at each lake by the average boating party size for that lake.

Boat Use Days at Each Lake	X	Mean Party Size at Each Lake	=	Person Use Days at Each Lake
----------------------------------	---	------------------------------------	---	------------------------------------

The next two tables provide summaries of boat use days (Table 7) and person use days (Table 8). Looking first at boat use days, we find that total boat use days in 2016 were 3,455,589 – a 20 percent increase from 2012. Similar to the prior studies, Mohave County is the dominant boating location in Arizona with 43.6 percent of total boat use days – a figure which is down from 50.3 percent in 2012. Also note the major increased use of Maricopa County (+48%) and La Paz County (+60%) lakes since 2012.

TABLE 7: BOAT USE DAYS BY COUNTY –  
OVERALL SUMMARY (30 DAY DATA)

	<u>2016</u>		<u>2012</u>		<u>2009</u>	
	<u>Total</u>	<u>%</u>	<u>Total</u>	<u>%</u>	<u>Total</u>	<u>%</u>
Mohave	1,506,316	43.6%	1,445,538	50.3	1,527,284	46.3%
Maricopa	797,722	23.1	540,503	18.8	401,409	12.2
La Paz	446,961	12.9	279,188	9.7	640,550	19.4
Coconino	277,325	8.0	312,706	10.9	371,676	11.2
Yuma	127,741	3.7	123,385	4.3	74,171	2.2
Gila	104,298	3.0	119,067	4.1	175,498	5.3
Apache	78,796	2.3	15,161	.5	22,392	.7
Santa Cruz	40,502	1.2	14,144	.5	16,021	.5
Navajo	25,039	.7	12,342	.4	34,284	1.0
Cochise	22,932	.7	4,683	.2	33,335	1.0
Yavapai	17,770	.5	488	*	5,009	.2
Pinal	7,327	.2	4,306	.1	0	0
Pima	2,053	.1	1,946	.1	0	0
Graham	808	*	1,408	.1	0	0
Greenlee	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL	3,455,589	100.0%	2,874,866	100.0%	3,301,629	100.0%

Note: 90% of Lake Havasu allocated to Mohave County and 10% to La Paz County

~~~~~

Looking next at person use days, Table 8 reveals that person use days increased from 13,406,815 in 2012 to 15,201,231 in 2016 – a 13 percent increase. As in the case with boat use days, Mohave County is the dominant boating location in Arizona accounting for 46.0 percent of all person use days. Again, note the sizeable increases recorded in Maricopa and La Paz counties.

TABLE 8: PERSON USE DAYS BY COUNTY –  
OVERALL SUMMARY (30 DAY DATA)

|            | <u>2016</u>  |          | <u>2012</u>  |          | <u>2009</u>  |          |
|------------|--------------|----------|--------------|----------|--------------|----------|
|            | <u>Total</u> | <u>%</u> | <u>Total</u> | <u>%</u> | <u>Total</u> | <u>%</u> |
| Mohave     | 6,987,190    | 46.0%    | 7,046,219    | 52.6%    | 7,593,709    | 47.6%    |
| Maricopa   | 3,132,476    | 20.6     | 2,038,014    | 15.2     | 1,526,984    | 9.6      |
| La Paz     | 2,081,665    | 13.7     | 1,345,995    | 10.0     | 3,212,827    | 20.2     |
| Coconino   | 1,484,404    | 9.6      | 1,826,240    | 13.6     | 2,247,649    | 14.1     |
| Yuma       | 509,561      | 3.3      | 566,989      | 4.2      | 381,512      | 2.4      |
| Gila       | 393,577      | 2.6      | 414,218      | 3.1      | 551,248      | 3.5      |
| Apache     | 281,943      | 1.9      | 56,933       | .4       | 58,663       | .4       |
| Santa Cruz | 118,275      | .8       | 48,022       | .4       | 65,539       | .4       |
| Cochise    | 95,222       | .6       | 13,713       | .1       | 161,574      | 1.0      |
| Navajo     | 49,271       | .3       | 31,253       | .2       | 129,302      | .8       |
| Pinal      | 31,790       | .2       | 9,830        | .1       | 0            | 0        |
| Yavapai    | 25,309       | .2       | 975          | *        | 12,785       | *        |
| Pima       | 8,933        | *        | 4,379        | *        | 0            | 0        |
| Graham     | <u>1,615</u> | <u>*</u> | <u>4,034</u> | <u>*</u> | <u>0</u>     | <u>0</u> |
| TOTAL      | 15,201,231   | 100.0%   | 13,406,815   | 100.0%   | 15,941,792   | 100.0%   |

\*Indicates % less than .1

~~~~~

Boat and person use days are analyzed by state of registration in the next two tables (Tables 9 and 10). The following key findings are evident in these tables:

- Arizona boaters account for 71.3 percent of boat use days (up from 57.9% in 2012) followed by California boaters with 22.8 percent (down from 32.5% in 2012), Utah boaters with 3.2 percent and Nevada boaters with 2.7 percent.
- Arizona boaters account for 67.6 percent of person use days (up from 52.8% in 2012) followed by California boaters with 26.1 percent (down from 36.1% in 2012), Utah boaters with 4.2 percent and Nevada boaters with 2.1 percent.

TABLE 9: BOAT USE DAYS BY COUNTY AND STATE (30 DAY DATA)

COUNTY	TOTAL	BOAT USE DAYS			
		AZ	CA	NV	UT
Mohave	1,506,316	893,115	512,945	77,350	22,907
Maricopa	797,722	795,243	2,479	0	0
La Paz	446,961	301,014	133,263	12,683	0
Coconino	277,325	168,339	18,550	1,592	87,843
Yuma	127,741	39,944	87,797	0	0
Gila	104,298	104,298	0	0	0
Apache	78,796	59,788	19,008	0	0
Santa Cruz	40,502	40,502	0	0	0
Navajo	25,039	25,039	0	0	0
Cochise	22,932	14,737	8,195	0	0
Yavapai	17,770	17,770	0	0	0
Pinal	7,327	1,615	5,712	0	0
Pima	2,053	2,053	0	0	0
Graham	808	808	0	0	0
TOTAL – 2016	3,455,589	2,465,265	787,949	91,625	110,750
TOTAL – 2012	2,874,866	1,664,288	935,409	132,410	142,758
TOTAL – 2009	3,301,629	1,807,042	1,143,734	186,641	164,212

~~~~~

TABLE 10: PERSON USE DAYS BY COUNTY AND STATE (30 DAY DATA)

| COUNTY       | TOTAL        | PERSON USE DAYS |           |          |           |
|--------------|--------------|-----------------|-----------|----------|-----------|
|              |              | AZ              | CA        | NV       | UT        |
| Mohave       | 6,987,190    | 4,023,808       | 2,610,512 | 268,299  | 84,571    |
| Maricopa     | 3,132,476    | 3,122,559       | 9,917     | 0        | 0         |
| La Paz       | 2,081,665    | 1,367,520       | 663,478   | 50,667   | 0         |
| Coconino     | 1,484,404    | 820,139         | 103,708   | 2,123    | 558,434   |
| Yuma         | 509,561      | 154,479         | 355,082   | 0        | 0         |
| Gila         | 393,577      | 393,577         | 0         | 0        | 0         |
| Apache       | 281,943      | 136,214         | 145,729   | 0        | 0         |
| Santa Cruz   | 118,275      | 118,275         | 0         | 0        | 0         |
| Cochise      | 95,222       | 46,052          | 49,170    | 0        | 0         |
| Navajo       | 49,271       | 49,271          | 0         | 0        | 0         |
| Pinal        | 31,790       | 3,231           | 28,559    | 0        | 0         |
| Yavapai      | 25,309       | 25,309          | 0         | 0        | 0         |
| Pima         | 8,933        | 8,933           | 0         | 0        | 0         |
| Graham       | <u>1,615</u> | <u>1,615</u>    | <u>0</u>  | <u>0</u> | <u>0</u>  |
| TOTAL – 2016 | 15,201,231   | 10,270,980      | 3,966,155 | 321,090  | 643,005   |
| TOTAL – 2012 | 13,406,815   | 7,072,419       | 4,838,740 | 458,018  | 1,037,638 |
| TOTAL – 2009 | 15,941,792   | 7,436,496       | 6,659,836 | 738,884  | 1,106,576 |

~~~~~

On the next table, it may be seen that Lake Havasu continues to be the state’s most utilized lake in terms of both boat use days (908,568) and person use days (4,023,978). The boat use days figure is nearly identical to the 2012 figure (900,712) while the person use days figure is down (4,386,115).



TABLE 11: WATERCRAFT USE BY SPECIFIC LAKES/RIVERS (30 DAY DATA)

<u>LAKE</u>	<u>BOAT USE DAYS</u>	<u>PERSON USE DAYS</u>
Lake Havasu	908,568	4,023,978
Lake Mohave	439,655	2,279,033
Parker Strip	287,678	1,398,315
Pleasant	246,487	1,080,194
Lake Powell	234,391	1,372,330
Saguaro Canyon	200,359	735,190
Bartlett	156,925	625,762
Lake Mead	122,106	458,518
Roosevelt	120,723	480,280
Martinez Lake	104,298	393,577
Davis Dam/Topock	91,430	397,775
Apache	76,808	329,744
Big	63,310	206,211
Topock Gorge	52,054	220,082
Patagonia	45,310	247,589
Headgate Rock Dam to Ehrenberg	37,271	111,813
Mittry Lake	30,526	112,752
Parker Canyon	27,242	82,312
Ehrenberg to north end of Martinez Lake	22,932	95,222
Woods Canyon	18,270	79,793
Watson	16,154	45,771
Show Low	15,347	20,462
Alamo	14,539	29,078
Lees ferry	14,522	66,802
Grand Canyon	11,340	28,614
Willow Springs	11,217	50,567
Squaw Lake	9,670	20,970
Picacho Reservoir	9,069	29,475
Hawley	7,327	31,790
Reservation	6,880	13,761
Fools Hollow	6,462	17,770
Nelson Reservoir	5,654	11,308
Fire Bird	5,654	11,308
Becker	4,162	12,487
Cholla	4,039	6,058
Horseshoe	4,039	8,077
Pena Blanca	4,039	12,116
Goldwater	3,231	6,462
Luna	2,423	4,846
Upper Lake Mary	2,423	4,846
Knoll	2,320	4,640
Silverbell	2,268	9,073
Lyman	1,720	3,440
Ashurts	1,720	8,600
Rainbow	1,387	8,325
Roper	808	2,423
Whitehorse	808	808
Arivaca	808	1,615
Salt River	808	1,615
Kaibab	333	333
TOTAL	333	1,997
	166	166
	3,455,589	15,201,231

~~~~~

On the following pages are presented detailed tables on watercraft usage in Arizona. These tables are presented on a state-by-state basis.

TABLE 12: WATERCRAFT USAGE: ARIZONA REGISTERED BOATS (30 DAY DATA)

County: Apache

| Lake             | <u>Boat Class</u> |       |   |      |      |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|-------|---|------|------|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1                 | 2     | 3 | 4    | 5    | 6 | 7 | 8 | 9 |               |                 |                 |
| Becker           | 4039              | 0     | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 4039          | 1.50            | 6058            |
| Big Bunch        | 11308             | 17201 | 0 | 4537 | 0    | 0 | 0 | 0 | 0 | 33046         | 2.25            | 74353           |
| Concho           | 0                 | 0     | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Crescent         | 0                 | 0     | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Drift Fence      | 0                 | 0     | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Greer            | 0                 | 0     | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Hawley           | 0                 | 6880  | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 6880          | 2.00            | 13761           |
| Little Bog       | 0                 | 0     | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Luna             | 808               | 0     | 0 | 1512 | 0    | 0 | 0 | 0 | 0 | 2320          | 2.00            | 4640            |
| Lyman            | 0                 | 0     | 0 | 0    | 1387 | 0 | 0 | 0 | 0 | 1387          | 6.00            | 8325            |
| Mexican Hay      | 0                 | 0     | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Nelson Reservoir | 5654              | 0     | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 5654          | 2.00            | 11308           |
| Reservation      | 6462              | 0     | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 6462          | 2.75            | 17770           |
| Sunrise          | 0                 | 0     | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Apache Total     | 28270             | 24081 | 0 | 6049 | 1387 | 0 | 0 | 0 | 0 | 59788         |                 | 136214          |

County: Cochise

| Lake          | <u>Boat Class</u> |      |     |     |      |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------|-------------------|------|-----|-----|------|---|---|---|---|---------------|-----------------|-----------------|
|               | 1                 | 2    | 3   | 4   | 5    | 6 | 7 | 8 | 9 |               |                 |                 |
| Parker Canyon | 4039              | 6307 | 166 | 756 | 3469 | 0 | 0 | 0 | 0 | 14737         | 3.13            | 46052           |
| Cochise Total | 4039              | 6307 | 166 | 756 | 3469 | 0 | 0 | 0 | 0 | 14737         |                 | 46052           |

County: Coconino

| Lake            | <u>Boat Class</u> |       |     |       |      |   |      |       |   | Boat Use Days | Mean Party Size | Person Use Days |
|-----------------|-------------------|-------|-----|-------|------|---|------|-------|---|---------------|-----------------|-----------------|
|                 | 1                 | 2     | 3   | 4     | 5    | 6 | 7    | 8     | 9 |               |                 |                 |
| Ashurst         | 808               | 0     | 0   | 0     | 0    | 0 | 0    | 0     | 0 | 808           | 3.00            | 2423            |
| Bear Canyon     | 0                 | 0     | 0   | 0     | 0    | 0 | 0    | 0     | 0 | 0             |                 | 0               |
| Blue Ridge      | 0                 | 0     | 0   | 0     | 0    | 0 | 0    | 0     | 0 | 0             |                 | 0               |
| Cataract        | 0                 | 0     | 0   | 0     | 0    | 0 | 0    | 0     | 0 | 0             |                 | 0               |
| Dogtown         | 0                 | 0     | 0   | 0     | 0    | 0 | 0    | 0     | 0 | 0             |                 | 0               |
| Kaibab          | 0                 | 0     | 166 | 0     | 0    | 0 | 0    | 0     | 0 | 166           | 1.00            | 166             |
| Kinnikinick     | 0                 | 0     | 0   | 0     | 0    | 0 | 0    | 0     | 0 | 0             |                 | 0               |
| Knoll           | 0                 | 1720  | 0   | 0     | 0    | 0 | 0    | 0     | 0 | 1720          | 2.00            | 3440            |
| Lake Powell     | 8885              | 31535 | 0   | 20415 | 9712 | 0 | 4381 | 57202 | 0 | 132130        | 5.47            | 722585          |
| Lees Ferry      | 0                 | 0     | 0   | 3781  | 2081 | 0 | 0    | 1346  | 0 | 7208          | 2.25            | 16217           |
| Long            | 0                 | 0     | 0   | 0     | 0    | 0 | 0    | 0     | 0 | 0             |                 | 0               |
| Mormon          | 0                 | 0     | 0   | 0     | 0    | 0 | 0    | 0     | 0 | 0             |                 | 0               |
| Upper Lake Mary | 0                 | 0     | 0   | 2268  | 0    | 0 | 0    | 0     | 0 | 2268          | 4.00            | 9073            |
| Whitehorse      | 808               | 0     | 0   | 0     | 0    | 0 | 0    | 0     | 0 | 808           | 2.00            | 1615            |
| Willow Springs  | 8077              | 0     | 0   | 0     | 0    | 0 | 0    | 0     | 0 | 8077          | 2.33            | 18847           |

TABLE 12: WATERCRAFT USAGE: ARIZONA REGISTERED BOATS (30 DAY DATA)

County: Coconino

| Lake           | <u>Boat Class</u> |       |     |       |       |   |      |       |   | Boat Use Days | Mean Party Size | Person Use Days |
|----------------|-------------------|-------|-----|-------|-------|---|------|-------|---|---------------|-----------------|-----------------|
|                | 1                 | 2     | 3   | 4     | 5     | 6 | 7    | 8     | 9 |               |                 |                 |
| Woods Canyon   | 16154             | 0     | 0   | 0     | 0     | 0 | 0    | 0     | 0 | 16154         | 2.83            | 45771           |
| Coconino Total | 34732             | 33255 | 166 | 26464 | 11793 | 0 | 4381 | 58548 | 0 | 169339        |                 | 820139          |

County: Gila

| Lake                | <u>Boat Class</u> |       |     |       |       |   |      |      |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------------|-------------------|-------|-----|-------|-------|---|------|------|---|---------------|-----------------|-----------------|
|                     | 1                 | 2     | 3   | 4     | 5     | 6 | 7    | 8    | 9 |               |                 |                 |
| Christmas Tree lake | 0                 | 0     | 0   | 0     | 0     | 0 | 0    | 0    | 0 | 0             |                 | 0               |
| Roosevelt           | 8885              | 15481 | 999 | 41587 | 29830 | 0 | 1460 | 6057 | 0 | 104298        | 3.77            | 393577          |
| San Carlos          | 0                 | 0     | 0   | 0     | 0     | 0 | 0    | 0    | 0 | 0             |                 | 0               |
| Gila Total          | 8885              | 15481 | 999 | 41587 | 29830 | 0 | 1460 | 6057 | 0 | 104298        |                 | 393577          |

County: Graham

| Lake         | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|--------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|              | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Riggs Lake   | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Roper        | 808               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 808           | 2.00            | 1615            |
| Graham Total | 808               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 808           |                 | 1615            |

County: La Paz

| Lake                                        | <u>Boat Class</u> |       |     |       |        |   |      |       |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------------------------------------|-------------------|-------|-----|-------|--------|---|------|-------|---|---------------|-----------------|-----------------|
|                                             | 1                 | 2     | 3   | 4     | 5      | 6 | 7    | 8     | 9 |               |                 |                 |
| Alamo                                       | 6462              | 0     | 499 | 7561  | 0      | 0 | 0    | 0     | 0 | 14522         | 4.60            | 66802           |
| Ehrenberg to the north end of Martinez Lake | 808               | 0     | 0   | 2268  | 4856   | 0 | 0    | 3365  | 0 | 11297         | 4.29            | 48415           |
| Headgate Rock Dam to Ehrenberg              | 8077              | 1147  | 0   | 0     | 3469   | 0 | 0    | 0     | 0 | 12693         | 4.20            | 53309           |
| Lake Havasu                                 | 888               | 16341 | 0   | 20793 | 29552  | 0 | 1139 | 5114  | 0 | 73829         | 4.23            | 312225          |
| Parker Strip                                | 0                 | 59629 | 0   | 36294 | 86021  | 0 | 0    | 6730  | 0 | 188674        | 4.70            | 886768          |
| La Paz Total                                | 16235             | 77117 | 499 | 66917 | 123898 | 0 | 1139 | 15209 | 0 | 301014        |                 | 1367520         |

County: Maricopa

| Lake      | <u>Boat Class</u> |       |     |       |       |   |      |      |   | Boat Use Days | Mean Party Size | Person Use Days |
|-----------|-------------------|-------|-----|-------|-------|---|------|------|---|---------------|-----------------|-----------------|
|           | 1                 | 2     | 3   | 4     | 5     | 6 | 7    | 8    | 9 |               |                 |                 |
| Apache    | 10500             | 8027  | 333 | 22684 | 16649 | 0 | 1752 | 3365 | 0 | 63310         | 3.26            | 206211          |
| Bartlett  | 9693              | 27521 | 0   | 56709 | 22199 | 0 | 3505 | 0    | 0 | 119627        | 3.75            | 448601          |
| Canyon    | 21001             | 25801 | 0   | 46879 | 55498 | 0 | 4381 | 3365 | 0 | 156925        | 3.99            | 625762          |
| Chapparal | 0                 | 0     | 0   | 0     | 0     | 0 | 0    | 0    | 0 | 0             |                 | 0               |
| Dobson    | 0                 | 0     | 0   | 0     | 0     | 0 | 0    | 0    | 0 | 0             |                 | 0               |

TABLE 12: WATERCRAFT USAGE: ARIZONA REGISTERED BOATS (30 DAY DATA)

County: Maricopa

| Lake           | <u>Boat Class</u> |        |     |        |        |     |       |       |   | Boat Use Days | Mean Party Size | Person Use Days |
|----------------|-------------------|--------|-----|--------|--------|-----|-------|-------|---|---------------|-----------------|-----------------|
|                | 1                 | 2      | 3   | 4      | 5      | 6   | 7     | 8     | 9 |               |                 |                 |
| Fire Bird      | 0                 | 0      | 0   | 0      | 4162   | 0   | 0     | 0     | 0 | 4162          | 3.00            | 12487           |
| Horseshoe      | 4039              | 0      | 0   | 0      | 0      | 0   | 0     | 0     | 0 | 4039          | 3.00            | 12116           |
| Pleasant       | 46848             | 56763  | 0   | 81661  | 33992  | 546 | 3797  | 22881 | 0 | 246487        | 4.38            | 1080194         |
| Saguaro        | 4846              | 30961  | 0   | 89222  | 59660  | 0   | 7594  | 8076  | 0 | 200359        | 3.67            | 735190          |
| Salt River     | 0                 | 0      | 333 | 0      | 0      | 0   | 0     | 0     | 0 | 333           | 6.00            | 1997            |
| Tempe Town     | 0                 | 0      | 0   | 0      | 0      | 0   | 0     | 0     | 0 | 0             |                 | 0               |
| Verde River    | 0                 | 0      | 0   | 0      | 0      | 0   | 0     | 0     | 0 | 0             |                 | 0               |
| Maricopa Total | 96926             | 149074 | 666 | 297155 | 192160 | 546 | 21029 | 37687 | 0 | 795243        |                 | 3122559         |

County: Mohave

| Lake             | <u>Boat Class</u> |        |   |        |        |   |       |       |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|--------|---|--------|--------|---|-------|-------|---|---------------|-----------------|-----------------|
|                  | 1                 | 2      | 3 | 4      | 5      | 6 | 7     | 8     | 9 |               |                 |                 |
| Davis Dam/Topock | 808               | 24081  | 0 | 0      | 9018   | 0 | 0     | 22881 | 0 | 56788         | 4.80            | 272582          |
| Grand Canyon     | 808               | 2293   | 0 | 756    | 2775   | 0 | 0     | 1346  | 0 | 7978          | 4.71            | 37611           |
| Lake Havasu      | 7996              | 95980  | 0 | 187140 | 265972 | 0 | 10252 | 46030 | 0 | 613371        | 4.23            | 2593978         |
| Lake Mead        | 8077              | 4587   | 0 | 756    | 4162   | 0 | 292   | 8076  | 0 | 25950         | 4.55            | 117955          |
| Lake Mohave      | 6462              | 17201  | 0 | 25708  | 99202  | 0 | 1752  | 2692  | 0 | 153017        | 5.33            | 816090          |
| Topock Gorge     | 0                 | 14907  | 0 | 4537   | 13874  | 0 | 0     | 2692  | 0 | 36010         | 5.15            | 185592          |
| Mohave Total     | 24151             | 159050 | 0 | 218897 | 395004 | 0 | 12296 | 83717 | 0 | 893115        |                 | 4023808         |

County: Navajo

| Lake             | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Black Canyon     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Cholla           | 4039              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4039          | 2.00            | 8077            |
| Clear Creek      | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Cooley           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Fools Hollow     | 5654              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5654          | 2.00            | 11308           |
| Rainbow          | 808               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 808           | 1.00            | 808             |
| Scotts Reservoir | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Show Low         | 14539             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14539         | 2.00            | 29078           |
| White Mtn        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Navajo Total     | 25039             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25039         |                 | 49271           |

County: Pima

| Lake       | <u>Boat Class</u> |      |     |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------|-------------------|------|-----|---|---|---|---|---|---|---------------|-----------------|-----------------|
|            | 1                 | 2    | 3   | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Arivaca    | 0                 | 0    | 333 | 0 | 0 | 0 | 0 | 0 | 0 | 333           | 1.00            | 333             |
| Kennedy    | 0                 | 0    | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Silverbell | 0                 | 1720 | 0   | 0 | 0 | 0 | 0 | 0 | 0 | 1720          | 5.00            | 8600            |
| Pima Total | 0                 | 1720 | 333 | 0 | 0 | 0 | 0 | 0 | 0 | 2053          |                 | 8933            |

TABLE 12: WATERCRAFT USAGE: ARIZONA REGISTERED BOATS (30 DAY DATA)

County: Pinal

| Lake              | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |      |
|-------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|------|
|                   | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |      |
| Picacho Reservoir | 1615              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 1615            | 2.00            | 3231 |
| Pinal Total       | 1615              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 1615            |                 | 3231 |

County: Santa Cruz

| Lake             | <u>Boat Class</u> |      |     |       |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |        |
|------------------|-------------------|------|-----|-------|---|---|---|---|---|---------------|-----------------|-----------------|--------|
|                  | 1                 | 2    | 3   | 4     | 5 | 6 | 7 | 8 | 9 |               |                 |                 |        |
| Patagonia        | 5654              | 8600 | 333 | 22684 | 0 | 0 | 0 | 0 | 0 | 0             | 37271           | 3.00            | 111813 |
| Pena Blanca      | 3231              | 0    | 0   | 0     | 0 | 0 | 0 | 0 | 0 | 0             | 3231            | 2.00            | 6462   |
| Santa Cruz Total | 8885              | 8600 | 333 | 22684 | 0 | 0 | 0 | 0 | 0 | 0             | 40502           |                 | 118275 |

County: Yavapai

| Lake             | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |       |
|------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|-------|
|                  | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |       |
| Goldwater        | 2423              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 2423            | 2.00            | 4846  |
| Horsethief Basin | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               |                 | 0     |
| Lynx             | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               |                 | 0     |
| Watson           | 15347             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 15347           | 1.33            | 20462 |
| Yavapai Total    | 17770             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 17770           |                 | 25309 |

County: Yuma

| Lake          | <u>Boat Class</u> |         |       |         |         |     |        |         |   | Boat Use Days | Mean Party Size | Person Use Days |            |
|---------------|-------------------|---------|-------|---------|---------|-----|--------|---------|---|---------------|-----------------|-----------------|------------|
|               | 1                 | 2       | 3     | 4       | 5       | 6   | 7      | 8       | 9 |               |                 |                 |            |
| Martinez Lake | 808               | 0       | 0     | 4537    | 9712    | 0   | 0      | 0       | 0 | 0             | 15057           | 4.10            | 61732      |
| Mittry        | 0                 | 0       | 0     | 0       | 0       | 0   | 0      | 0       | 0 | 0             | 0               |                 | 0          |
| Mittry Lake   | 808               | 6880    | 0     | 6049    | 2081    | 0   | 0      | 0       | 0 | 0             | 15818           | 4.00            | 63273      |
| Squaw Lake    | 1615              | 7454    | 0     | 0       | 0       | 0   | 0      | 0       | 0 | 0             | 9069            | 3.25            | 29475      |
| Yuma Total    | 3231              | 14334   | 0     | 10586   | 11793   | 0   | 0      | 0       | 0 | 0             | 39944           |                 | 154479     |
| Arizona Total | 270,586           | 489,019 | 3,162 | 691,094 | 769,335 | 546 | 40,305 | 201,218 | 0 | 0             | 2,465,265       |                 | 10,270,980 |

TABLE 13: WATERCRAFT USAGE: CALIFORNIA REGISTERED BOATS (30 DAY DATA)

County: Apache

| Lake             | <u>Boat Class</u> |   |   |   |       |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|---|---|---|-------|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1                 | 2 | 3 | 4 | 5     | 6 | 7 | 8 | 9 |               |                 |                 |
| Becker           | 0                 | 0 | 0 | 0 | 0     | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Big              | 0                 | 0 | 0 | 0 | 19008 | 0 | 0 | 0 | 0 | 19008         | 7.67            | 145729          |
| Bunch            | 0                 | 0 | 0 | 0 | 0     | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Concho           | 0                 | 0 | 0 | 0 | 0     | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Crescent         | 0                 | 0 | 0 | 0 | 0     | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Drift Fence      | 0                 | 0 | 0 | 0 | 0     | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Greer            | 0                 | 0 | 0 | 0 | 0     | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Hawley           | 0                 | 0 | 0 | 0 | 0     | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Little Bog       | 0                 | 0 | 0 | 0 | 0     | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Luna             | 0                 | 0 | 0 | 0 | 0     | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Lyman            | 0                 | 0 | 0 | 0 | 0     | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Mexican Hay      | 0                 | 0 | 0 | 0 | 0     | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Nelson Reservoir | 0                 | 0 | 0 | 0 | 0     | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Reservation      | 0                 | 0 | 0 | 0 | 0     | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Sunrise          | 0                 | 0 | 0 | 0 | 0     | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Apache Total     | 0                 | 0 | 0 | 0 | 19008 | 0 | 0 | 0 | 0 | 19008         |                 | 145729          |

County: Cochise

| Lake          | <u>Boat Class</u> |   |   |      |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------|-------------------|---|---|------|---|---|---|---|---|---------------|-----------------|-----------------|
|               | 1                 | 2 | 3 | 4    | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Parker Canyon | 0                 | 0 | 0 | 8195 | 0 | 0 | 0 | 0 | 0 | 8195          | 6.00            | 49170           |
| Cochise Total | 0                 | 0 | 0 | 8195 | 0 | 0 | 0 | 0 | 0 | 8195          |                 | 49170           |

County: Coconino

| Lake            | <u>Boat Class</u> |   |   |   |       |   |      |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|-----------------|-------------------|---|---|---|-------|---|------|---|---|---------------|-----------------|-----------------|
|                 | 1                 | 2 | 3 | 4 | 5     | 6 | 7    | 8 | 9 |               |                 |                 |
| Ashurst         | 0                 | 0 | 0 | 0 | 0     | 0 | 0    | 0 | 0 | 0             |                 | 0               |
| Bear Canyon     | 0                 | 0 | 0 | 0 | 0     | 0 | 0    | 0 | 0 | 0             |                 | 0               |
| Blue Ridge      | 0                 | 0 | 0 | 0 | 0     | 0 | 0    | 0 | 0 | 0             |                 | 0               |
| Cataract        | 0                 | 0 | 0 | 0 | 0     | 0 | 0    | 0 | 0 | 0             |                 | 0               |
| Dogtown         | 0                 | 0 | 0 | 0 | 0     | 0 | 0    | 0 | 0 | 0             |                 | 0               |
| Kaibab          | 0                 | 0 | 0 | 0 | 0     | 0 | 0    | 0 | 0 | 0             |                 | 0               |
| Kinnikinick     | 0                 | 0 | 0 | 0 | 0     | 0 | 0    | 0 | 0 | 0             |                 | 0               |
| Knoll           | 0                 | 0 | 0 | 0 | 0     | 0 | 0    | 0 | 0 | 0             |                 | 0               |
| Lake Powell     | 0                 | 0 | 0 | 0 | 13223 | 0 | 1195 | 0 | 0 | 14418         | 6.33            | 91312           |
| Lees Ferry      | 0                 | 0 | 0 | 0 | 4132  | 0 | 0    | 0 | 0 | 4132          | 3.00            | 12397           |
| Long            | 0                 | 0 | 0 | 0 | 0     | 0 | 0    | 0 | 0 | 0             |                 | 0               |
| Mormon          | 0                 | 0 | 0 | 0 | 0     | 0 | 0    | 0 | 0 | 0             |                 | 0               |
| Upper Lake Mary | 0                 | 0 | 0 | 0 | 0     | 0 | 0    | 0 | 0 | 0             |                 | 0               |
| Whitehorse      | 0                 | 0 | 0 | 0 | 0     | 0 | 0    | 0 | 0 | 0             |                 | 0               |

TABLE 13: WATERCRAFT USAGE: CALIFORNIA REGISTERED BOATS (30 DAY DATA)

County: Coconino

| Lake           | <u>Boat Class</u> |   |   |   |       |   |      |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|----------------|-------------------|---|---|---|-------|---|------|---|---|---------------|-----------------|-----------------|
|                | 1                 | 2 | 3 | 4 | 5     | 6 | 7    | 8 | 9 |               |                 |                 |
| Willow Springs | 0                 | 0 | 0 | 0 | 0     | 0 | 0    | 0 | 0 | 0             |                 | 0               |
| Woods Canyon   | 0                 | 0 | 0 | 0 | 0     | 0 | 0    | 0 | 0 | 0             |                 | 0               |
| Coconino Total | 0                 | 0 | 0 | 0 | 17355 | 0 | 1195 | 0 | 0 | 18550         |                 | 103708          |

County: Gila

| Lake                | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                     | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Christmas Tree lake | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Roosevelt           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| San Carlos          | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Gila Total          | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Graham

| Lake         | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|--------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|              | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Riggs Lake   | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Roper        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Graham Total | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: La Paz

| Lake                                        | <u>Boat Class</u> |       |   |      |       |      |     |      |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------------------------------------|-------------------|-------|---|------|-------|------|-----|------|---|---------------|-----------------|-----------------|
|                                             | 1                 | 2     | 3 | 4    | 5     | 6    | 7   | 8    | 9 |               |                 |                 |
| Alamo                                       | 0                 | 0     | 0 | 0    | 0     | 0    | 0   | 0    | 0 | 0             |                 | 0               |
| Ehrenberg to the north end of Martinez Lake | 0                 | 0     | 0 | 6146 | 826   | 0    | 0   | 0    | 0 | 6973          | 4.50            | 31377           |
| Headgate Rock Dam to Ehrenberg              | 0                 | 0     | 0 | 0    | 17355 | 0    | 478 | 0    | 0 | 17833         | 3.33            | 59444           |
| Lake Havasu                                 | 1297              | 9996  | 0 | 1229 | 6446  | 1372 | 0   | 1469 | 0 | 21809         | 5.07            | 110531          |
| Parker Strip                                | 0                 | 39982 | 0 | 2049 | 43801 | 0    | 0   | 816  | 0 | 86649         | 5.33            | 462126          |
| La Paz Total                                | 1297              | 49978 | 0 | 9424 | 68429 | 1372 | 478 | 2285 | 0 | 133263        |                 | 663478          |

County: Maricopa

| Lake            | <u>Boat Class</u> |   |   |   |      |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|-----------------|-------------------|---|---|---|------|---|---|---|---|---------------|-----------------|-----------------|
|                 | 1                 | 2 | 3 | 4 | 5    | 6 | 7 | 8 | 9 |               |                 |                 |
| Apache          | 0                 | 0 | 0 | 0 | 0    | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Bartlett Canyon | 0                 | 0 | 0 | 0 | 2479 | 0 | 0 | 0 | 0 | 2479          | 4.00            | 9917            |
| Chapparal       | 0                 | 0 | 0 | 0 | 0    | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Dobson          | 0                 | 0 | 0 | 0 | 0    | 0 | 0 | 0 | 0 | 0             |                 | 0               |

TABLE 13: WATERCRAFT USAGE: CALIFORNIA REGISTERED BOATS (30 DAY DATA)

County: Maricopa

| Lake           | <u>Boat Class</u> |   |   |   |      |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|----------------|-------------------|---|---|---|------|---|---|---|---|---------------|-----------------|-----------------|
|                | 1                 | 2 | 3 | 4 | 5    | 6 | 7 | 8 | 9 |               |                 |                 |
| Fire Bird      | 0                 | 0 | 0 | 0 | 0    | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Horseshoe      | 0                 | 0 | 0 | 0 | 0    | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Pleasant       | 0                 | 0 | 0 | 0 | 0    | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Saguaro        | 0                 | 0 | 0 | 0 | 0    | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Salt River     | 0                 | 0 | 0 | 0 | 0    | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Tempe Town     | 0                 | 0 | 0 | 0 | 0    | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Verde River    | 0                 | 0 | 0 | 0 | 0    | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Maricopa Total | 0                 | 0 | 0 | 0 | 2479 | 0 | 0 | 0 | 0 | 2479          |                 | 9917            |

County: Mohave

| Lake             | <u>Boat Class</u> |        |   |       |        |       |   |       |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|--------|---|-------|--------|-------|---|-------|---|---------------|-----------------|-----------------|
|                  | 1                 | 2      | 3 | 4     | 5      | 6     | 7 | 8     | 9 |               |                 |                 |
| Davis Dam/Topock | 1297              | 0      | 0 | 4098  | 9091   | 0     | 0 | 0     | 0 | 14485         | 2.80            | 40559           |
| Grand Canyon     | 0                 | 0      | 0 | 0     | 0      | 0     | 0 | 0     | 0 | 0             |                 | 0               |
| Lake Havasu      | 11673             | 89960  | 0 | 11063 | 58016  | 12344 | 0 | 13223 | 0 | 196279        | 5.07            | 994779          |
| Lake Mead        | 0                 | 5712   | 0 | 0     | 13223  | 0     | 0 | 0     | 0 | 18935         | 4.20            | 79526           |
| Lake Mohave      | 9079              | 171353 | 0 | 26634 | 61983  | 0     | 0 | 4897  | 0 | 273946        | 5.23            | 1433650         |
| Topock Gorge     | 5188              | 0      | 0 | 0     | 2479   | 0     | 0 | 1632  | 0 | 9300          | 6.67            | 61998           |
| Mohave Total     | 27236             | 267025 | 0 | 41795 | 144792 | 12344 | 0 | 19752 | 0 | 512945        |                 | 2610512         |

County: Navajo

| Lake             | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Black Canyon     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Cholla           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Clear Creek      | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Cooley           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Fools Hollow     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Rainbow          | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Scotts Reservoir | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Show Low         | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| White Mtn        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Navajo Total     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Pima

| Lake       | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|            | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Arivaca    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Kennedy    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Silverbell | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Pima Total | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |



TABLE 13: WATERCRAFT USAGE: CALIFORNIA REGISTERED BOATS (30 DAY DATA)

County: Pinal

| Lake              | <u>Boat Class</u> |      |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|-------------------|-------------------|------|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                   | 1                 | 2    | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Picacho Reservoir | 0                 | 5712 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5712          | 5.00            | 28559           |
| Pinal Total       | 0                 | 5712 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5712          |                 | 28559           |

County: Santa Cruz

| Lake             | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Patagonia        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Pena Blanca      | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Santa Cruz Total | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Yavapai

| Lake             | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Goldwater        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Horsethief Basin | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Lynx             | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Watson           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Yavapai Total    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Yuma

| Lake             | <u>Boat Class</u> |         |   |         |         |        |       |        |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|---------|---|---------|---------|--------|-------|--------|---|---------------|-----------------|-----------------|
|                  | 1                 | 2       | 3 | 4       | 5       | 6      | 7     | 8      | 9 |               |                 |                 |
| Martinez Lake    | 0                 | 0       | 0 | 57365   | 19008   | 0      | 0     | 0      | 0 | 76373         | 4.40            | 336043          |
| Mittry           | 0                 | 0       | 0 | 0       | 0       | 0      | 0     | 0      | 0 | 0             |                 | 0               |
| Mittry Lake      | 0                 | 11424   | 0 | 0       | 0       | 0      | 0     | 0      | 0 | 11424         | 1.67            | 19039           |
| Squaw Lake       | 0                 | 0       | 0 | 0       | 0       | 0      | 0     | 0      | 0 | 0             |                 | 0               |
| Yuma Total       | 0                 | 11424   | 0 | 57365   | 19008   | 0      | 0     | 0      | 0 | 87797         |                 | 355082          |
| California Total | 28,533            | 334,138 | 0 | 116,779 | 271,072 | 13,716 | 1,673 | 22,037 | 0 | 787,949       |                 | 3,966,155       |

TABLE 14: WATERCRAFT USAGE: NEVADA REGISTERED BOATS (30 DAY DATA)

County: Apache

| Lake             | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Becker           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Big              | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Bunch            | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Concho           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Crescent         | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Drift Fence      | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Greer            | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Hawley           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Little Bog       | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Luna             | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Lyman            | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Mexican Hay      | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Nelson Reservoir | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Reservation      | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Sunrise          | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Apache Total     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Cochise

| Lake          | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|               | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Parker Canyon | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Cochise Total | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Coconino

| Lake            | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|-----------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                 | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Ashurst         | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Bear Canyon     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Blue Ridge      | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Cataract        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Dogtown         | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Kaibab          | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Kinnikinick     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Knoll           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Lake Powell     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Lees Ferry      | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Long            | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Mormon          | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Upper Lake Mary | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

TABLE 14: WATERCRAFT USAGE: NEVADA REGISTERED BOATS (30 DAY DATA)

County: Coconino

| Lake           | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|----------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Whitehorse     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Willow Springs | 1592              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1592          | 1.33            | 2123            |
| Woods Canyon   | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Coconino Total | 1592              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1592          |                 | 2123            |

County: Gila

| Lake                | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                     | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Christmas Tree lake | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Roosevelt           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| San Carlos          | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Gila Total          | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Graham

| Lake         | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|--------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|              | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Riggs Lake   | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Roper        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Graham Total | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: La Paz

| Lake                                        | <u>Boat Class</u> |       |   |   |   |   |     |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------------------------------------|-------------------|-------|---|---|---|---|-----|---|---|---------------|-----------------|-----------------|
|                                             | 1                 | 2     | 3 | 4 | 5 | 6 | 7   | 8 | 9 |               |                 |                 |
| Alamo                                       | 0                 | 0     | 0 | 0 | 0 | 0 | 0   | 0 | 0 | 0             |                 | 0               |
| Ehrenberg to the north end of Martinez Lake | 0                 | 0     | 0 | 0 | 0 | 0 | 0   | 0 | 0 | 0             |                 | 0               |
| Headgate Rock Dam to Ehrenberg              | 0                 | 0     | 0 | 0 | 0 | 0 | 0   | 0 | 0 | 0             |                 | 0               |
| Lake Havasu                                 | 0                 | 154   | 0 | 0 | 0 | 0 | 174 | 0 | 0 | 328           | 3.80            | 1246            |
| Parker Strip                                | 0                 | 12355 | 0 | 0 | 0 | 0 | 0   | 0 | 0 | 12355         | 4.00            | 49421           |
| La Paz Total                                | 0                 | 12510 | 0 | 0 | 0 | 0 | 174 | 0 | 0 | 12683         |                 | 50667           |

County: Maricopa

| Lake      | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|-----------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|           | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Apache    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Bartlett  | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Canyon    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Chapparal | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

TABLE 14: WATERCRAFT USAGE: NEVADA REGISTERED BOATS (30 DAY DATA)

County: Maricopa

| Lake           | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|----------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Dobson         | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Fire Bird      | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Horseshoe      | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Pleasant       | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Saguaro        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Salt River     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Tempe Town     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Verde River    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Maricopa Total | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Mohave

| Lake             | <u>Boat Class</u> |      |   |      |       |   |      |      |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|------|---|------|-------|---|------|------|---|---------------|-----------------|-----------------|
|                  | 1                 | 2    | 3 | 4    | 5     | 6 | 7    | 8    | 9 |               |                 |                 |
| Davis Dam/Topock | 0                 | 0    | 0 | 0    | 0     | 0 | 0    | 0    | 0 | 0             |                 | 0               |
| Grand Canyon     | 0                 | 0    | 0 | 0    | 0     | 0 | 0    | 0    | 0 | 0             |                 | 0               |
| Lake Havasu      | 0                 | 1390 | 0 | 0    | 0     | 0 | 1562 | 0    | 0 | 2952          | 3.80            | 11218           |
| Lake Mead        | 4459              | 4118 | 0 | 8321 | 43960 | 0 | 3471 | 6159 | 0 | 70489         | 3.48            | 245356          |
| Lake Mohave      | 3185              | 0    | 0 | 724  | 0     | 0 | 0    | 0    | 0 | 3908          | 3.00            | 11725           |
| Topock Gorge     | 0                 | 0    | 0 | 0    | 0     | 0 | 0    | 0    | 0 | 0             |                 | 0               |
| Mohave Total     | 7644              | 5508 | 0 | 9045 | 43960 | 0 | 5033 | 6159 | 0 | 77350         |                 | 268299          |

County: Navajo

| Lake             | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Black Canyon     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Cholla           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Clear Creek      | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Cooley           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Fools Hollow     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Rainbow          | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Scotts Reservoir | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Show Low         | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| White Mtn        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Navajo Total     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

TABLE 14: WATERCRAFT USAGE: NEVADA REGISTERED BOATS (30 DAY DATA)

County: Pima

| Lake       | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|            | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Arivaca    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Kennedy    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Silverbell | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Pima Total | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Pinal

| Lake              | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|-------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                   | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Picacho Reservoir | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Pinal Total       | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Santa Cruz

| Lake             | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Patagonia        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Pena Blanca      | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Santa Cruz Total | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Yavapai

| Lake              | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|-------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                   | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Goldwater         | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Horse Thief Basin | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Lynx              | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Watson            | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Yavapai Total     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Yuma

| Lake          | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|               | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Martinez Lake | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Mittry        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Mittry Lake   | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Squaw Lake    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Yuma Total    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

|              |       |        |   |       |        |   |       |       |   |        |  |         |
|--------------|-------|--------|---|-------|--------|---|-------|-------|---|--------|--|---------|
| Nevada Total | 9,236 | 18,018 | 0 | 9,045 | 43,960 | 0 | 5,207 | 6,159 | 0 | 91,625 |  | 321,090 |
|--------------|-------|--------|---|-------|--------|---|-------|-------|---|--------|--|---------|

TABLE 15: WATERCRAFT USAGE: UTAH REGISTERED BOATS (30 DAY DATA)

County: Apache

| Lake             | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Becker           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Big              | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Bunch            | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Concho           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Crescent         | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Drift Fence      | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Greer            | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Hawley           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Little Bog       | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Luna             | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Lyman            | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Mexican Hay      | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Nelson Reservoir | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Reservation      | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Sunrise          | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Apache Total     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Cochise

| Lake          | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|               | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Parker Canyon | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Cochise Total | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Coconino

| Lake            | <u>Boat Class</u> |      |   |       |       |   |      |       |   | Boat Use Days | Mean Party Size | Person Use Days |
|-----------------|-------------------|------|---|-------|-------|---|------|-------|---|---------------|-----------------|-----------------|
|                 | 1                 | 2    | 3 | 4     | 5     | 6 | 7    | 8     | 9 |               |                 |                 |
| Ashurst         | 0                 | 0    | 0 | 0     | 0     | 0 | 0    | 0     | 0 | 0             |                 | 0               |
| Bear Canyon     | 0                 | 0    | 0 | 0     | 0     | 0 | 0    | 0     | 0 | 0             |                 | 0               |
| Blue Ridge      | 0                 | 0    | 0 | 0     | 0     | 0 | 0    | 0     | 0 | 0             |                 | 0               |
| Cataract        | 0                 | 0    | 0 | 0     | 0     | 0 | 0    | 0     | 0 | 0             |                 | 0               |
| Dogtown         | 0                 | 0    | 0 | 0     | 0     | 0 | 0    | 0     | 0 | 0             |                 | 0               |
| Kaibab          | 0                 | 0    | 0 | 0     | 0     | 0 | 0    | 0     | 0 | 0             |                 | 0               |
| Kinnikinick     | 0                 | 0    | 0 | 0     | 0     | 0 | 0    | 0     | 0 | 0             |                 | 0               |
| Knoll           | 0                 | 0    | 0 | 0     | 0     | 0 | 0    | 0     | 0 | 0             |                 | 0               |
| Lake Powell     | 7027              | 8074 | 0 | 16472 | 42432 | 0 | 1851 | 11987 | 0 | 87843         | 6.36            | 558434          |
| Lees Ferry      | 0                 | 0    | 0 | 0     | 0     | 0 | 0    | 0     | 0 | 0             |                 | 0               |
| Long            | 0                 | 0    | 0 | 0     | 0     | 0 | 0    | 0     | 0 | 0             |                 | 0               |
| Mormon          | 0                 | 0    | 0 | 0     | 0     | 0 | 0    | 0     | 0 | 0             |                 | 0               |
| Upper Lake Mary | 0                 | 0    | 0 | 0     | 0     | 0 | 0    | 0     | 0 | 0             |                 | 0               |
| Whitehorse      | 0                 | 0    | 0 | 0     | 0     | 0 | 0    | 0     | 0 | 0             |                 | 0               |
| Willow Springs  | 0                 | 0    | 0 | 0     | 0     | 0 | 0    | 0     | 0 | 0             |                 | 0               |

TABLE 15: WATERCRAFT USAGE: UTAH REGISTERED BOATS (30 DAY DATA)

County: Coconino

| Lake           | <u>Boat Class</u> |      |   |       |       |   |      |       |   | Boat Use Days | Mean Party Size | Person Use Days |
|----------------|-------------------|------|---|-------|-------|---|------|-------|---|---------------|-----------------|-----------------|
|                | 1                 | 2    | 3 | 4     | 5     | 6 | 7    | 8     | 9 |               |                 |                 |
| Woods Canyon   | 0                 | 0    | 0 | 0     | 0     | 0 | 0    | 0     | 0 | 0             |                 | 0               |
| Coconino Total | 7027              | 8074 | 0 | 16472 | 42432 | 0 | 1851 | 11987 | 0 | 87843         |                 | 558434          |

County: Gila

| Lake                | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                     | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Christmas Tree lake | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Roosevelt           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| San Carlos          | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Gila Total          | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Graham

| Lake         | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|--------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|              | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Riggs Lake   | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Roper        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Graham Total | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: La Paz

| Lake                                        | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------------------------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                                             | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Alamo                                       | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Ehrenberg to the north end of Martinez Lake | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Headgate Rock Dam to Ehrenberg              | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Lake Havasu                                 | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Parker Strip                                | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| La Paz Total                                | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Maricopa

| Lake      | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|-----------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|           | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Apache    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Bartlett  | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Canyon    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Chapparal | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Dobson    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Fire Bird | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

TABLE 15: WATERCRAFT USAGE: UTAH REGISTERED BOATS (30 DAY DATA)

County: Maricopa

| Lake           | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|----------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Horseshoe      | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Pleasant       | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Saguaro        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Salt River     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Tempe Town     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Verde River    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Maricopa Total | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Mohave

| Lake             | <u>Boat Class</u> |   |   |      |      |   |      |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|---|---|------|------|---|------|---|---|---------------|-----------------|-----------------|
|                  | 1                 | 2 | 3 | 4    | 5    | 6 | 7    | 8 | 9 |               |                 |                 |
| Davis Dam/Topock | 0                 | 0 | 0 | 0    | 5535 | 0 | 0    | 0 | 0 | 5535          | 3.00            | 16604           |
| Grand Canyon     | 0                 | 0 | 0 | 0    | 0    | 0 | 3239 | 0 | 0 | 3239          | 4.00            | 12956           |
| Lake Havasu      | 0                 | 0 | 0 | 0    | 0    | 0 | 0    | 0 | 0 | 0             |                 | 0               |
| Lake Mead        | 3514              | 0 | 0 | 1373 | 0    | 0 | 463  | 0 | 0 | 5349          | 7.00            | 37443           |
| Lake Mohave      | 8784              | 0 | 0 | 0    | 0    | 0 | 0    | 0 | 0 | 8784          | 2.00            | 17568           |
| Topock Gorge     | 0                 | 0 | 0 | 0    | 0    | 0 | 0    | 0 | 0 | 0             |                 | 0               |
| Mohave Total     | 12298             | 0 | 0 | 1373 | 5535 | 0 | 3702 | 0 | 0 | 22907         |                 | 84571           |

County: Navajo

| Lake             | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Black Canyon     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Cholla           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Clear Creek      | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Cooley           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Fools Hollow     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Rainbow          | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Scotts Reservoir | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Show Low         | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| White Mtn        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Navajo Total     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Pima

| Lake       | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|            | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Arivaca    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Kennedy    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Silverbell | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Pima Total | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |



TABLE 15: WATERCRAFT USAGE: UTAH REGISTERED BOATS (30 DAY DATA)

County: Pinal

| Lake              | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|-------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                   | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Picacho Reservoir | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Pinal Total       | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               | 0               |

County: Santa Cruz

| Lake             | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Patagonia        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Pena Blanca      | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Santa Cruz Total | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               | 0               |

County: Yavapai

| Lake             | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Goldwater        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Horsethief Basin | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Lynx             | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Watson           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               | 0               |
| Yavapai Total    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0               | 0               |

County: Yuma

| Lake          | <u>Boat Class</u> |       |   |        |        |   |       |        |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------|-------------------|-------|---|--------|--------|---|-------|--------|---|---------------|-----------------|-----------------|
|               | 1                 | 2     | 3 | 4      | 5      | 6 | 7     | 8      | 9 |               |                 |                 |
| Martinez Lake | 0                 | 0     | 0 | 0      | 0      | 0 | 0     | 0      | 0 | 0             | 0               | 0               |
| Mitry         | 0                 | 0     | 0 | 0      | 0      | 0 | 0     | 0      | 0 | 0             | 0               | 0               |
| Mitry Lake    | 0                 | 0     | 0 | 0      | 0      | 0 | 0     | 0      | 0 | 0             | 0               | 0               |
| Squaw Lake    | 0                 | 0     | 0 | 0      | 0      | 0 | 0     | 0      | 0 | 0             | 0               | 0               |
| Yuma Total    | 0                 | 0     | 0 | 0      | 0      | 0 | 0     | 0      | 0 | 0             | 0               | 0               |
| Utah Total    | 19,325            | 8,074 |   | 17,845 | 47,967 |   | 5,553 | 11,987 |   | 110,750       |                 | 643,005         |

## 5.2 12 Month Data Set

The next series of tables (Table 16 to Table 24) present the boat and person use data on the 12-month data set.

TABLE 16: BOAT USE DAYS BY COUNTY –  
OVERALL SUMMARY (12 MONTH DATA)

|              | <u>2016</u>      |               | <u>2012</u>      |               | <u>2009</u>      |               |
|--------------|------------------|---------------|------------------|---------------|------------------|---------------|
|              | Total            | %             | Total            | %             | Total            | %             |
| Mohave       | 809,273          | 41.4%         | 853,242          | 53.8%         | 526,846          | 46.3%         |
| La Paz       | 517,633          | 26.5          | 229,792          | 14.5          | 168,485          | 14.8          |
| Maricopa     | 308,196          | 15.8          | 221,262          | 14.0          | 152,534          | 13.4          |
| Coconino     | 144,970          | 7.4           | 134,991          | 8.5           | 158,600          | 14.0          |
| Gila         | 74,241           | 3.8           | 58,873           | 3.7           | 55,291           | 4.9           |
| Yuma         | 36,041           | 1.8           | 38,634           | 2.4           | 32,053           | 2.8           |
| Apache       | 28,369           | 1.4           | 20,174           | 1.3           | 18,011           | 1.6           |
| Santa Cruz   | 32,294           | 1.2           | 4,792            | .3            | 4,983            | .4            |
| Navajo       | 5,991            | .3            | 6,715            | .4            | 10,332           | .9            |
| Cochise      | 5,634            | .3            | 10,563           | .7            | 7,782            | .7            |
| Yavapai      | 2,221            | .1            | 0                | 0             | 871              | *             |
| Graham       | 593              | *             | 1,118            | .1            | 0                | 0             |
| Pima         | 269              | *             | 1,993            | .1            | 1,812            | .2            |
| Pinal        | 0                | 0             | 2,234            | .2            | 0                | 0             |
| Greenlee     | 0                | 0             | 0                | 0             | 0                | 0             |
| <b>TOTAL</b> | <b>1,956,725</b> | <b>100.0%</b> | <b>1,584,291</b> | <b>100.0%</b> | <b>1,137,600</b> | <b>100.0%</b> |

\*Indicates % less than .1

~~~~~

TABLE 17: PERSON USE DAYS BY COUNTY –  
OVERALL SUMMARY (12 MONTH DATA)

	<u>2016</u>		<u>2012</u>		<u>2009</u>	
	<u>Total</u>	<u>%</u>	<u>Total</u>	<u>%</u>	<u>Total</u>	<u>%</u>
Mohave	4,149,281	43.0%	4,411,497	55.3%	2,921,133	47.6%
La Paz	2,589,134	26.8	1,246,498	15.6	984,457	16.0
Maricopa	1,243,621	12.9	830,714	10.4	610,799	10.0
Coconino	997,790	10.3	907,902	11.4	1,140,934	18.6
Gila	296,025	3.1	237,838	3.0	210,884	3.4
Yuma	149,417	1.5	152,860	1.9	113,664	1.9
Santa Cruz	91,515	.9	19,327	.2	15,405	.3
Apache	88,228	.9	76,912	1.0	64,268	1.0
Cochise	27,303	.3	51,800	.7	41,148	.7
Navajo	21,111	.2	23,637	.3	25,026	.4
Yavapai	3,675	*	0	0	2,676	*
Graham	3,022	*	2,812	*	0	0
Pima	404	*	7,085	.1	4,969	.1
Pinal	0	0	5,043	.1	0	0
Greenlee	0	0	0	0	0	0
TOTAL	9,660,526	100.0%	7,973,925	100.0%	6,135,364	100.0%

\*Indicates % less than .1

~~~~~

TABLE 18: BOAT USE DAYS BY COUNTY AND STATE (12 MONTH DATA)

| COUNTY     | TOTAL     | Arizona | California | Nevada | Utah   |
|------------|-----------|---------|------------|--------|--------|
| Mohave     | 809,273   | 255,399 | 490,098    | 58,345 | 5,430  |
| La Paz     | 517,633   | 127,629 | 364,828    | 10,701 | 14,475 |
| Maricopa   | 308,196   | 301,746 | 6,450      | 0      | 0      |
| Coconino   | 144,970   | 56,725  | 28,259     | 2,139  | 57,847 |
| Gila       | 74,241    | 72,583  | 515        | 0      | 1,144  |
| Yuma       | 36,041    | 13,349  | 22,692     | 0      | 0      |
| Apache     | 28,369    | 19,760  | 8,609      | 0      | 0      |
| Santa Cruz | 23,294    | 23,294  | 0          | 0      | 0      |
| Navajo     | 5,991     | 5,991   | 0          | 0      | 0      |
| Cochise    | 5,634     | 2,535   | 3,099      | 0      | 0      |
| Yavapai    | 2,221     | 2,221   | 0          | 0      | 0      |
| Graham     | 593       | 269     | 324        | 0      | 0      |
| Pima       | 269       | 269     | 0          | 0      | 0      |
| Pinal      | 0         | 0       | 0          | 0      | 0      |
| TOTAL      | 1,956,725 | 881,769 | 924,874    | 71,185 | 78,897 |

TABLE 19: PERSON USE DAYS BY COUNTY AND STATE (12 MONTH DATA)

| COUNTY     | TOTAL     | Arizona   | California | Nevada  | Utah    |
|------------|-----------|-----------|------------|---------|---------|
| Mohave     | 4,149,281 | 1,127,837 | 2,753,503  | 251,014 | 16,927  |
| La Paz     | 2,589,134 | 571,064   | 1,905,442  | 49,901  | 62,726  |
| Maricopa   | 1,243,621 | 1,216,038 | 27,583     | 0       | 0       |
| Coconino   | 997,790   | 275,239   | 245,420    | 19,631  | 457,499 |
| Gila       | 296,025   | 293,593   | 1,288      | 0       | 1,144   |
| Yuma       | 149,417   | 52,837    | 96,580     | 0       | 0       |
| Santa Cruz | 91,515    | 91,515    | 0          | 0       | 0       |
| Apache     | 88,228    | 62,401    | 25,827     | 0       | 0       |
| Cochise    | 27,303    | 10,775    | 16,529     | 0       | 0       |
| Navajo     | 21,111    | 21,111    | 0          | 0       | 0       |
| Yavapai    | 3,675     | 3,675     | 0          | 0       | 0       |
| Graham     | 3,022     | 1,077     | 1,945      | 0       | 0       |
| Pima       | 404       | 404       | 0          | 0       | 0       |
| Pinal      | 0         | 0         | 0          | 0       | 0       |
| TOTAL      | 9,660,526 | 3,727,565 | 5,074,118  | 320,546 | 538,296 |

**TABLE 20: WATERCRAFT USE BY SPECIFIC  
LAKES/RIVERS (12 MONTH DATA)**

| LAKE                                   | BOAT USE<br>DAYS | PERSON USE<br>DAYS |
|----------------------------------------|------------------|--------------------|
| Lake Havasu                            | 757,007          | 3,785,753          |
| Parker Strip                           | 190,126          | 880,317            |
| Lake Mohave                            | 187,322          | 1,050,732          |
| Pleasant                               | 125,116          | 507,277            |
| Lake Powell                            | 104,359          | 830,083            |
| Roosevelt                              | 73,880           | 294,862            |
| Lake Mead                              | 72,723           | 349,241            |
| Saguaro                                | 65,238           | 250,175            |
| Canyon                                 | 49,536           | 216,079            |
| Headgate Rock Dam to Ehrenberg         | 49,354           | 319,089            |
| Bartlett                               | 37,165           | 132,207            |
| Martinez Lake                          | 29,877           | 119,917            |
| Apache                                 | 29,052           | 127,545            |
| Davis Dam/Topock                       | 27,195           | 156,148            |
| Topock Gorge                           | 25,929           | 100,532            |
| Patagonia                              | 21,611           | 88,150             |
| Willow Springs                         | 16,140           | 41,708             |
| Big                                    | 15,729           | 46,540             |
| Ashurst                                | 10,244           | 81,950             |
| Alamo                                  | 6,607            | 16,598             |
| Woods Canyon                           | 6,462            | 19,104             |
| Grand Canyon                           | 6,299            | 58,258             |
| Mittry Lake                            | 5,710            | 28,137             |
| Parker Canyon                          | 5,634            | 27,303             |
| Lyman                                  | 5,626            | 23,628             |
| Ehrenberg to the north end of Martinez | 4,345            | 21,746             |
| Show Low                               | 3,567            | 13,505             |
| Blue Ridge                             | 2,549            | 7,648              |
| Nelson Reservoir                       | 2,523            | 5,047              |
| Knoll                                  | 1,800            | 7,459              |
| Pena Blanca                            | 1,683            | 3,366              |
| Bear Canyon                            | 1,615            | 3,230              |
| Watson                                 | 1,414            | 2,262              |
| Luna                                   | 1,144            | 2,861              |
| Becker                                 | 1,077            | 2,513              |
| Greer                                  | 942              | 3,769              |
| Fools Hollow                           | 942              | 2,827              |
| Lynx                                   | 808              | 1,414              |
| Black Canyon                           | 808              | 3,231              |
| Upper Lake Mary                        | 803              | 1,446              |
| Dogtown                                | 769              | 3,843              |
| Dobson                                 | 689              | 6,887              |
| Tempe Town                             | 630              | 1,260              |
| Sunrise                                | 471              | 1,414              |
| Riggs Lake                             | 459              | 2,484              |
| Squaw Lake                             | 454              | 1,362              |
| Verde River                            | 337              | 1,010              |
| Rainbow                                | 337              | 673                |
| Little Bog                             | 337              | 673                |
| Reservation                            | 317              | 1,110              |
| San Carlos                             | 294              | 1,028              |
| Salt River                             | 236              | 786                |
| Lees Ferry                             | 228              | 1,318              |
| Scotts Reservoir                       | 202              | 404                |
| Horseshoe                              | 198              | 395                |
| Arivaca                                | 135              | 135                |
| Roper                                  | 135              | 538                |

(Continued)

(CONT.) TABLE 20: WATERCRAFT USE BY SPECIFIC  
LAKES/RIVERS (12 MONTH DATA)

| LAKE                | BOAT USE DAYS | PERSON USE<br>DAYS |
|---------------------|---------------|--------------------|
| Hawley              | 135           | 538                |
| Kennedy             | 135           | 269                |
| Christmas Tree Lake | 67            | 135                |
| Cholla              | 67            | 67                 |
| Clear Creek         | 67            | 404                |
| Crescent            | <u>67</u>     | <u>135</u>         |
| TOTAL               | 1,956,725     | 9,660,526          |

TABLE 21: WATERCRAFT USAGE: ARIZONA REGISTERED BOATS (12 MONTH DATA)

County: Apache

| Lake             | <u>Boat Class</u> |     |   |      |      |   |   |   |   | Boat Use<br>Days | Mean Party<br>Size | Person Use<br>Days |
|------------------|-------------------|-----|---|------|------|---|---|---|---|------------------|--------------------|--------------------|
|                  | 1                 | 2   | 3 | 4    | 5    | 6 | 7 | 8 | 9 |                  |                    |                    |
| Becker           | 1077              | 0   | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 1077             | 2.33               | 2513               |
| Big              | 6125              | 239 | 0 | 756  | 0    | 0 | 0 | 0 | 0 | 7120             | 2.91               | 20713              |
| Bunch            | 0                 | 0   | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Concho           | 0                 | 0   | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Crescent         | 67                | 0   | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 67               | 2.00               | 135                |
| Drift Fence      | 0                 | 0   | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Greer            | 942               | 0   | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 942              | 4.00               | 3769               |
| Hawley           | 135               | 0   | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 135              | 4.00               | 538                |
| Little Bog       | 337               | 0   | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 337              | 2.00               | 673                |
| Luna             | 1144              | 0   | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 1144             | 2.50               | 2861               |
| Lyman            | 538               | 0   | 0 | 0    | 5087 | 0 | 0 | 0 | 0 | 5626             | 4.20               | 23628              |
| Mexican Hay      | 0                 | 0   | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Nelson Reservoir | 2019              | 0   | 0 | 504  | 0    | 0 | 0 | 0 | 0 | 2523             | 2.00               | 5047               |
| Reservation      | 269               | 48  | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 317              | 3.50               | 1110               |
| Sunrise          | 471               | 0   | 0 | 0    | 0    | 0 | 0 | 0 | 0 | 471              | 3.00               | 1414               |
| Apache Total     | 13125             | 287 | 0 | 1260 | 5087 | 0 | 0 | 0 | 0 | 19760            |                    | 62401              |

County: Cochise

| Lake          | <u>Boat Class</u> |   |   |     |      |   |   |   |   | Boat Use<br>Days | Mean Party<br>Size | Person Use<br>Days |
|---------------|-------------------|---|---|-----|------|---|---|---|---|------------------|--------------------|--------------------|
|               | 1                 | 2 | 3 | 4   | 5    | 6 | 7 | 8 | 9 |                  |                    |                    |
| Parker Canyon | 538               | 0 | 0 | 378 | 1619 | 0 | 0 | 0 | 0 | 2535             | 4.25               | 10775              |
| Cochise Total | 538               | 0 | 0 | 378 | 1619 | 0 | 0 | 0 | 0 | 2535             |                    | 10775              |

County: Coconino

| Lake            | <u>Boat Class</u> |      |    |      |       |   |      |      |   | Boat Use<br>Days | Mean Party<br>Size | Person Use<br>Days |
|-----------------|-------------------|------|----|------|-------|---|------|------|---|------------------|--------------------|--------------------|
|                 | 1                 | 2    | 3  | 4    | 5     | 6 | 7    | 8    | 9 |                  |                    |                    |
| Ashurst         | 0                 | 0    | 0  | 0    | 0     | 0 | 0    | 0    | 0 | 0                |                    | 0                  |
| Bear Canyon     | 0                 | 0    | 0  | 0    | 0     | 0 | 0    | 0    | 0 | 0                |                    | 0                  |
| Blue Ridge      | 2154              | 143  | 0  | 252  | 0     | 0 | 0    | 0    | 0 | 2549             | 3.00               | 7648               |
| Cataract        | 0                 | 0    | 0  | 0    | 0     | 0 | 0    | 0    | 0 | 0                |                    | 0                  |
| Dogtown         | 673               | 96   | 0  | 0    | 0     | 0 | 0    | 0    | 0 | 769              | 5.00               | 3843               |
| Kaibab          | 0                 | 0    | 0  | 0    | 0     | 0 | 0    | 0    | 0 | 0                |                    | 0                  |
| Kinnikinick     | 0                 | 0    | 0  | 0    | 0     | 0 | 0    | 0    | 0 | 0                |                    | 0                  |
| Knoll           | 1615              | 143  | 42 | 0    | 0     | 0 | 0    | 0    | 0 | 1800             | 4.14               | 7459               |
| Lake Powell     | 606               | 6880 | 0  | 3087 | 11562 | 0 | 1826 | 4542 | 0 | 28504            | 6.82               | 194385             |
| Lees Ferry      | 0                 | 0    | 0  | 126  | 0     | 0 | 0    | 0    | 0 | 126              | 4.00               | 504                |
| Long            | 0                 | 0    | 0  | 0    | 0     | 0 | 0    | 0    | 0 | 0                |                    | 0                  |
| Mormon          | 0                 | 0    | 0  | 0    | 0     | 0 | 0    | 0    | 0 | 0                |                    | 0                  |
| Upper Lake Mary | 740               | 0    | 0  | 63   | 0     | 0 | 0    | 0    | 0 | 803              | 1.80               | 1446               |
| Whitehorse      | 0                 | 0    | 0  | 0    | 0     | 0 | 0    | 0    | 0 | 0                |                    | 0                  |
| Willow Springs  | 15616             | 96   | 0  | 0    | 0     | 0 | 0    | 0    | 0 | 15711            | 2.60               | 40850              |

TABLE 21: WATERCRAFT USAGE: ARIZONA REGISTERED BOATS (12 MONTH DATA)

County: Coconino

| Lake           | Boat Class |      |    |      |       |   |      |      |   | Boat Use Days | Mean Party Size | Person Use Days |
|----------------|------------|------|----|------|-------|---|------|------|---|---------------|-----------------|-----------------|
|                | 1          | 2    | 3  | 4    | 5     | 6 | 7    | 8    | 9 |               |                 |                 |
| Woods Canyon   | 6462       | 0    | 0  | 0    | 0     | 0 | 0    | 0    | 0 | 6462          | 2.96            | 19104           |
| Coconino Total | 27866      | 7358 | 42 | 3529 | 11562 | 0 | 1826 | 4542 | 0 | 56725         |                 | 275239          |

County: Gila

| Lake                | Boat Class |      |   |       |       |   |     |      |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------------|------------|------|---|-------|-------|---|-----|------|---|---------------|-----------------|-----------------|
|                     | 1          | 2    | 3 | 4     | 5     | 6 | 7   | 8    | 9 |               |                 |                 |
| Christmas Tree lake | 67         | 0    | 0 | 0     | 0     | 0 | 0   | 0    | 0 | 67            | 2.00            | 135             |
| Roosevelt           | 15347      | 5351 | 0 | 30812 | 18210 | 0 | 146 | 2355 | 0 | 72221         | 4.05            | 292431          |
| San Carlos          | 67         | 48   | 0 | 63    | 116   | 0 | 0   | 0    | 0 | 294           | 3.50            | 1028            |
| Gila Total          | 15481      | 5399 | 0 | 30875 | 18326 | 0 | 146 | 2355 | 0 | 72583         |                 | 293593          |

County: Graham

| Lake         | Boat Class |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|--------------|------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|              | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Riggs Lake   | 135        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 135           | 4.00            | 538             |
| Roper        | 135        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 135           | 4.00            | 538             |
| Graham Total | 269        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 269           |                 | 1077            |

| Lake                                        | Boat Class |       |    |       |       |     |     |      |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------------------------------------|------------|-------|----|-------|-------|-----|-----|------|---|---------------|-----------------|-----------------|
|                                             | 1          | 2     | 3  | 4     | 5     | 6   | 7   | 8    | 9 |               |                 |                 |
| Alamo                                       | 1212       | 860   | 28 | 3970  | 0     | 0   | 0   | 0    | 0 | 6069          | 2.19            | 13276           |
| Ehrenberg to the north end of Martinez Lake | 0          | 478   | 0  | 63    | 636   | 0   | 0   | 0    | 0 | 1177          | 4.50            | 5295            |
| Headgate Rock Dam to Ehrenberg              | 0          | 2007  | 0  | 945   | 173   | 0   | 0   | 0    | 0 | 3125          | 9.40            | 29378           |
| Lake Havasu                                 | 1636       | 21668 | 0  | 27756 | 16580 | 0   | 497 | 791  | 0 | 68927         | 4.40            | 302942          |
| Parker Strip                                | 1144       | 13283 | 0  | 9073  | 16881 | 130 | 24  | 7795 | 0 | 48331         | 4.56            | 220172          |
| La Paz Total                                | 3991       | 38296 | 28 | 41807 | 34270 | 130 | 521 | 8586 | 0 | 127629        |                 | 571064          |

County: Maricopa

| Lake      | Boat Class |       |   |       |       |    |      |     |   | Boat Use Days | Mean Party Size | Person Use Days |
|-----------|------------|-------|---|-------|-------|----|------|-----|---|---------------|-----------------|-----------------|
|           | 1          | 2     | 3 | 4     | 5     | 6  | 7    | 8   | 9 |               |                 |                 |
| Apache    | 2221       | 3106  | 0 | 10271 | 9539  | 13 | 3286 | 617 | 0 | 29052         | 4.39            | 127545          |
| Bartlett  | 4442       | 10750 | 0 | 14996 | 5781  | 0  | 0    | 0   | 0 | 35970         | 3.58            | 128621          |
| Canyon    | 5991       | 11085 | 0 | 16950 | 12603 | 13 | 0    | 0   | 0 | 46641         | 4.41            | 205463          |
| Chapparal | 0          | 0     | 0 | 0     | 0     | 0  | 0    | 0   | 0 | 0             |                 | 0               |
| Dobson    | 0          | 0     | 0 | 0     | 0     | 0  | 0    | 0   | 0 | 0             |                 | 0               |
| Fire Bird | 0          | 0     | 0 | 0     | 0     | 0  | 0    | 0   | 0 | 0             |                 | 0               |
| Horseshoe | 135        | 0     | 0 | 63    | 0     | 0  | 0    | 0   | 0 | 198           | 2.00            | 395             |



TABLE 21: WATERCRAFT USAGE: ARIZONA REGISTERED BOATS (12 MONTH DATA)

County: Maricopa

| Lake           | Boat Class |       |     |       |       |    |      |       |   | Boat Use Days | Mean Party Size | Person Use Days |
|----------------|------------|-------|-----|-------|-------|----|------|-------|---|---------------|-----------------|-----------------|
|                | 1          | 2     | 3   | 4     | 5     | 6  | 7    | 8     | 9 |               |                 |                 |
| Pleasant       | 16962      | 40565 | 0   | 29867 | 16476 | 0  | 6207 | 14356 | 0 | 124433        | 4.06            | 505228          |
| Saguaro        | 7269       | 6498  | 0   | 23062 | 26014 | 0  | 341  | 1066  | 0 | 64250         | 3.82            | 245728          |
| Salt River     | 0          | 0     | 236 | 0     | 0     | 0  | 0    | 0     | 0 | 236           | 3.33            | 786             |
| Tempe Town     | 0          | 0     | 0   | 630   | 0     | 0  | 0    | 0     | 0 | 630           | 2.00            | 1260            |
| Verde River    | 337        | 0     | 0   | 0     | 0     | 0  | 0    | 0     | 0 | 337           | 3.00            | 1010            |
| Maricopa Total | 37357      | 72004 | 236 | 95838 | 70413 | 26 | 9833 | 16039 | 0 | 301746        |                 | 1216038         |

County: Mohave

| Lake             | Boat Class |        |   |       |       |   |      |      |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|------------|--------|---|-------|-------|---|------|------|---|---------------|-----------------|-----------------|
|                  | 1          | 2      | 3 | 4     | 5     | 6 | 7    | 8    | 9 |               |                 |                 |
| Davis Dam/Topock | 135        | 4109   | 0 | 567   | 1214  | 0 | 0    | 0    | 0 | 6025          | 4.29            | 25871           |
| Grand Canyon     | 0          | 0      | 0 | 0     | 867   | 0 | 0    | 0    | 0 | 867           | 4.00            | 3469            |
| Lake Havasu      | 14721      | 109096 | 0 | 23194 | 45265 | 0 | 4469 | 7117 | 0 | 203861        | 4.40            | 895996          |
| Lake Mead        | 2154       | 7693   | 0 | 693   | 405   | 0 | 0    | 0    | 0 | 10944         | 4.13            | 45236           |
| Lake Mohave      | 1414       | 6641   | 0 | 6994  | 4798  | 0 | 560  | 1402 | 0 | 21809         | 5.23            | 114019          |
| Topock Gorge     | 135        | 1386   | 0 | 0     | 9886  | 0 | 487  | 0    | 0 | 11893         | 3.64            | 43246           |
| Mohave Total     | 18557      | 128925 | 0 | 31448 | 62435 | 0 | 5515 | 8519 | 0 | 255399        |                 | 1127837         |

County: Navajo

| Lake             | Boat Class |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Black Canyon     | 808        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 808           | 4.00            | 3231            |
| Cholla           | 67         | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67            | 1.00            | 67              |
| Clear Creek      | 67         | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67            | 6.00            | 404             |
| Cooley           | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Fools Hollow     | 942        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 942           | 3.00            | 2827            |
| Rainbow          | 337        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 337           | 2.00            | 673             |
| Scotts Reservoir | 202        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 202           | 2.00            | 404             |
| Show Low         | 3567       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3567          | 3.79            | 13505           |
| White Mtn        | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Navajo Total     | 5991       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5991          |                 | 21111           |

County: Pima

| Lake       | Boat Class |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------|------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|            | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Arivaca    | 135        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 135           | 1.00            | 135             |
| Kennedy    | 135        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 135           | 2.00            | 269             |
| Silverbell | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Pima Total | 269        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 269           |                 | 404             |

**TABLE 21: WATERCRAFT USAGE: ARIZONA REGISTERED BOATS (12 MONTH DATA)**

County: Pinal

| Lake              | Boat Class |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|-------------------|------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                   | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Picacho Reservoir | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Pinal Total       | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Santa Cruz

| Lake             | Boat Class |   |   |       |      |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|------------|---|---|-------|------|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1          | 2 | 3 | 4     | 5    | 6 | 7 | 8 | 9 |               |                 |                 |
| Patagonia        | 4577       | 0 | 0 | 10964 | 6070 | 0 | 0 | 0 | 0 | 21611         | 4.08            | 88150           |
| Pena Blanca      | 1683       | 0 | 0 | 0     | 0    | 0 | 0 | 0 | 0 | 1683          | 2.00            | 3366            |
| Santa Cruz Total | 6260       | 0 | 0 | 10964 | 6070 | 0 | 0 | 0 | 0 | 23294         |                 | 91515           |

County: Yavapai

| Lake             | Boat Class |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Goldwater        | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Horsethief Basin | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Lynx             | 808        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 808           | 1.75            | 1414            |
| Watson           | 1414       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1414          | 1.60            | 2262            |
| Yavapai Total    | 2221       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2221          |                 | 3675            |

County: Yuma

| Lake          | Boat Class |         |     |         |         |     |        |        |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------|------------|---------|-----|---------|---------|-----|--------|--------|---|---------------|-----------------|-----------------|
|               | 1          | 2       | 3   | 4       | 5       | 6   | 7      | 8      | 9 |               |                 |                 |
| Martinez Lake | 4779       | 3536    | 0   | 441     | 2312    | 0   | 0      | 841    | 0 | 11909         | 3.87            | 46050           |
| Mittry        | 0          | 0       | 0   | 0       | 0       | 0   | 0      | 0      | 0 | 0             |                 | 0               |
| Mittry Lake   | 740        | 48      | 0   | 189     | 462     | 0   | 0      | 0      | 0 | 1440          | 4.71            | 6787            |
| Squaw Lake    | 0          | 0       | 0   | 0       | 0       | 0   | 0      | 0      | 0 | 0             |                 | 0               |
| Yuma Total    | 5519       | 3584    | 0   | 630     | 2775    | 0   | 0      | 841    | 0 | 13349         |                 | 52837           |
| Arizona Total | 137,447    | 255,852 | 305 | 216,729 | 212,556 | 156 | 17,841 | 40,882 | 0 | 881,769       |                 | 3,727,565       |

TABLE 22: WATERCRAFT USAGE: CALIFORNIA REGISTERED BOATS (12 MONTH DATA)

County: Apache

| Lake             | <u>Boat Class</u> |      |   |   |   |   |   |   |   | Boat Use<br>Days | Mean Party<br>Size | Person Use<br>Days |
|------------------|-------------------|------|---|---|---|---|---|---|---|------------------|--------------------|--------------------|
|                  | 1                 | 2    | 3 | 4 | 5 | 6 | 7 | 8 | 9 |                  |                    |                    |
| Becker           | 0                 | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Big              | 0                 | 8609 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8609             | 3.00               | 25827              |
| Bunch            | 0                 | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Concho           | 0                 | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Cresent          | 0                 | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Drift Fence      | 0                 | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Greer            | 0                 | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Hawley           | 0                 | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Little Bog       | 0                 | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Luna             | 0                 | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Lyman            | 0                 | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Mexican Hay      | 0                 | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Nelson Reservoir | 0                 | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Reservation      | 0                 | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Sunrise          | 0                 | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Apache Total     | 0                 | 8609 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8609             |                    | 25827              |

County: Cochise

| Lake          | <u>Boat Class</u> |   |   |   |      |   |   |   |   | Boat Use<br>Days | Mean Party<br>Size | Person Use<br>Days |
|---------------|-------------------|---|---|---|------|---|---|---|---|------------------|--------------------|--------------------|
|               | 1                 | 2 | 3 | 4 | 5    | 6 | 7 | 8 | 9 |                  |                    |                    |
| Parker Canyon | 0                 | 0 | 0 | 0 | 3099 | 0 | 0 | 0 | 0 | 3099             | 5.33               | 16529              |
| Cochise Total | 0                 | 0 | 0 | 0 | 3099 | 0 | 0 | 0 | 0 | 3099             |                    | 16529              |

County: Coconino

| Lake            | <u>Boat Class</u> |      |     |       |      |      |     |   |   | Boat Use<br>Days | Mean Party<br>Size | Person Use<br>Days |
|-----------------|-------------------|------|-----|-------|------|------|-----|---|---|------------------|--------------------|--------------------|
|                 | 1                 | 2    | 3   | 4     | 5    | 6    | 7   | 8 | 9 |                  |                    |                    |
| Ashurst         | 0                 | 0    | 0   | 10244 | 0    | 0    | 0   | 0 | 0 | 10244            | 8.00               | 81950              |
| Bear Canyon     | 0                 | 0    | 0   | 0     | 0    | 0    | 0   | 0 | 0 | 0                |                    | 0                  |
| Blue Ridge      | 0                 | 0    | 0   | 0     | 0    | 0    | 0   | 0 | 0 | 0                |                    | 0                  |
| Cataract        | 0                 | 0    | 0   | 0     | 0    | 0    | 0   | 0 | 0 | 0                |                    | 0                  |
| Dogtown         | 0                 | 0    | 0   | 0     | 0    | 0    | 0   | 0 | 0 | 0                |                    | 0                  |
| Kaibab          | 0                 | 0    | 0   | 0     | 0    | 0    | 0   | 0 | 0 | 0                |                    | 0                  |
| Kinnikinick     | 0                 | 0    | 0   | 0     | 0    | 0    | 0   | 0 | 0 | 0                |                    | 0                  |
| Knoll           | 0                 | 0    | 0   | 0     | 0    | 0    | 0   | 0 | 0 | 0                |                    | 0                  |
| Lake Powell     | 0                 | 6426 | 194 | 1707  | 8127 | 1143 | 418 | 0 | 0 | 18015            | 9.07               | 163470             |
| Lees Ferry      | 0                 | 0    | 0   | 0     | 0    | 0    | 0   | 0 | 0 | 0                |                    | 0                  |
| Long            | 0                 | 0    | 0   | 0     | 0    | 0    | 0   | 0 | 0 | 0                |                    | 0                  |
| Mormon          | 0                 | 0    | 0   | 0     | 0    | 0    | 0   | 0 | 0 | 0                |                    | 0                  |
| Upper Lake Mary | 0                 | 0    | 0   | 0     | 0    | 0    | 0   | 0 | 0 | 0                |                    | 0                  |
| Whitehorse      | 0                 | 0    | 0   | 0     | 0    | 0    | 0   | 0 | 0 | 0                |                    | 0                  |
| Willow Springs  | 0                 | 0    | 0   | 0     | 0    | 0    | 0   | 0 | 0 | 0                |                    | 0                  |

TABLE 22: WATERCRAFT USAGE: CALIFORNIA REGISTERED BOATS (12 MONTH DATA)

County: Coconino

| Lake           | Boat Class |      |     |       |      |      |     |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|----------------|------------|------|-----|-------|------|------|-----|---|---|---------------|-----------------|-----------------|
|                | 1          | 2    | 3   | 4     | 5    | 6    | 7   | 8 | 9 |               |                 |                 |
| Woods Canyon   | 0          | 0    | 0   | 0     | 0    | 0    | 0   | 0 | 0 | 0             |                 | 0               |
| Coconino Total | 0          | 6426 | 194 | 11951 | 8127 | 1143 | 418 | 0 | 0 | 28259         |                 | 245420          |

County: Gila

| Lake                | Boat Class |   |   |     |     |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------------|------------|---|---|-----|-----|---|---|---|---|---------------|-----------------|-----------------|
|                     | 1          | 2 | 3 | 4   | 5   | 6 | 7 | 8 | 9 |               |                 |                 |
| Christmas Tree lake | 0          | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Roosevelt           | 0          | 0 | 0 | 171 | 344 | 0 | 0 | 0 | 0 | 515           | 2.50            | 1288            |
| San Carlos          | 0          | 0 | 0 | 0   | 0   | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Gila Total          | 0          | 0 | 0 | 171 | 344 | 0 | 0 | 0 | 0 | 515           |                 | 1288            |

County: Graham

| Lake         | Boat Class |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|--------------|------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|              | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Riggs Lake   | 324        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 324           | 6.00            | 1945            |
| Roper        | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Graham Total | 324        | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 324           |                 | 1945            |

County: La Paz

| Lake                                        | Boat Class |        |       |       |        |     |     |       |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------------------------------------|------------|--------|-------|-------|--------|-----|-----|-------|---|---------------|-----------------|-----------------|
|                                             | 1          | 2      | 3     | 4     | 5      | 6   | 7   | 8     | 9 |               |                 |                 |
| Alamo                                       | 432        | 0      | 0     | 0     | 0      | 0   | 0   | 0     | 0 | 432           | 4.00            | 1729            |
| Ehrenberg to the north end of Martinez Lake | 108        | 476    | 0     | 512   | 1791   | 0   | 179 | 0     | 0 | 3066          | 5.10            | 15637           |
| Headgate Rock Dam to Ehrenberg              | 0          | 41410  | 0     | 171   | 4545   | 0   | 0   | 0     | 0 | 46126         | 6.26            | 288897          |
| Lake Havasu                                 | 1459       | 57713  | 97    | 3824  | 95165  | 0   | 161 | 16175 | 0 | 174615        | 5.40            | 943591          |
| Parker Strip                                | 757        | 48074  | 29728 | 13146 | 45316  | 980 | 139 | 2449  | 0 | 140589        | 4.66            | 655588          |
| La Paz Total                                | 2756       | 147673 | 29825 | 17653 | 146817 | 980 | 480 | 18624 | 0 | 364828        |                 | 1905442         |

County: Maricopa

| Lake      | Boat Class |     |   |      |     |      |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|-----------|------------|-----|---|------|-----|------|---|---|---|---------------|-----------------|-----------------|
|           | 1          | 2   | 3 | 4    | 5   | 6    | 7 | 8 | 9 |               |                 |                 |
| Apache    | 0          | 0   | 0 | 0    | 0   | 0    | 0 | 0 | 0 | 0             |                 | 0               |
| Bartlett  | 0          | 0   | 0 | 1195 | 0   | 0    | 0 | 0 | 0 | 1195          | 3.00            | 3585            |
| Canyon    | 0          | 238 | 0 | 1024 | 0   | 1633 | 0 | 0 | 0 | 2895          | 3.67            | 10616           |
| Chapparal | 0          | 0   | 0 | 0    | 0   | 0    | 0 | 0 | 0 | 0             |                 | 0               |
| Dobson    | 0          | 0   | 0 | 0    | 689 | 0    | 0 | 0 | 0 | 689           | 10.00           | 6887            |
| Fire Bird | 0          | 0   | 0 | 0    | 0   | 0    | 0 | 0 | 0 | 0             |                 | 0               |
| Horseshoe | 0          | 0   | 0 | 0    | 0   | 0    | 0 | 0 | 0 | 0             |                 | 0               |

TABLE 22: WATERCRAFT USAGE: CALIFORNIA REGISTERED BOATS (12 MONTH DATA)

County: Maricopa

| Lake           | Boat Class |     |   |      |     |      |   |   |   | Boat Use<br>Days | Mean Party<br>Size | Person Use<br>Days |
|----------------|------------|-----|---|------|-----|------|---|---|---|------------------|--------------------|--------------------|
|                | 1          | 2   | 3 | 4    | 5   | 6    | 7 | 8 | 9 |                  |                    |                    |
| Pleasant       | 0          | 0   | 0 | 683  | 0   | 0    | 0 | 0 | 0 | 683              | 3.00               | 2049               |
| Saguaro        | 0          | 476 | 0 | 512  | 0   | 0    | 0 | 0 | 0 | 988              | 4.50               | 4447               |
| Salt River     | 0          | 0   | 0 | 0    | 0   | 0    | 0 | 0 | 0 | 0                |                    | 0                  |
| Tempe Town     | 0          | 0   | 0 | 0    | 0   | 0    | 0 | 0 | 0 | 0                |                    | 0                  |
| Verde River    | 0          | 0   | 0 | 0    | 0   | 0    | 0 | 0 | 0 | 0                |                    | 0                  |
| Maricopa Total | 0          | 714 | 0 | 3415 | 689 | 1633 | 0 | 0 | 0 | 6450             |                    | 27583              |

County: Mohave

| Lake             | Boat Class |        |      |       |        |      |      |       |   | Boat Use<br>Days | Mean Party<br>Size | Person Use<br>Days |
|------------------|------------|--------|------|-------|--------|------|------|-------|---|------------------|--------------------|--------------------|
|                  | 1          | 2      | 3    | 4     | 5      | 6    | 7    | 8     | 9 |                  |                    |                    |
| Davis Dam/Topock | 2162       | 9282   | 0    | 0     | 9229   | 0    | 159  | 136   | 0 | 20967            | 6.16               | 129157             |
| Grand Canyon     | 0          | 3332   | 0    | 0     | 0      | 0    | 0    | 0     | 0 | 3332             | 15.00              | 49978              |
| Lake Havasu      | 13132      | 91460  | 874  | 34419 | 113429 | 0    | 1451 | 23263 | 0 | 278213           | 5.40               | 1503420            |
| Lake Mead        | 1081       | 5236   | 0    | 8366  | 6956   | 0    | 0    | 476   | 0 | 22114            | 5.93               | 131048             |
| Lake Mohave      | 2270       | 82583  | 972  | 20829 | 39187  | 1143 | 1493 | 3061  | 0 | 151537           | 5.83               | 883428             |
| Topock Gorge     | 216        | 8092   | 0    | 512   | 4959   | 0    | 20   | 136   | 0 | 13935            | 4.05               | 56472              |
| Mohave Total     | 18860      | 199983 | 1846 | 64126 | 173759 | 1143 | 3124 | 27072 | 0 | 490098           |                    | 2753503            |

County: Navajo

| Lake             | Boat Class |   |   |   |   |   |   |   |   | Boat Use<br>Days | Mean Party<br>Size | Person Use<br>Days |
|------------------|------------|---|---|---|---|---|---|---|---|------------------|--------------------|--------------------|
|                  | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |                  |                    |                    |
| Black Canyon     | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Cholla           | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Clear Creek      | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Cooley           | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Fools Hollow     | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Rainbow          | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Scotts Reservoir | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Show Low         | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| White Mtn        | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Navajo Total     | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |

County: Pima

| Lake       | Boat Class |   |   |   |   |   |   |   |   | Boat Use<br>Days | Mean Party<br>Size | Person Use<br>Days |
|------------|------------|---|---|---|---|---|---|---|---|------------------|--------------------|--------------------|
|            | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |                  |                    |                    |
| Arivaca    | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Kennedy    | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Silverbell | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Pima Total | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |

TABLE 22: WATERCRAFT USAGE: CALIFORNIA REGISTERED BOATS (12 MONTH DATA)

County: Pinal

| Lake              | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|-------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                   | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Picacho Reservoir | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Pinal Total       | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Santa Cruz

| Lake             | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Patagonia        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Pena Blanca      | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Santa Cruz Total | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Yavapai

| Lake             | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Goldwater        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Horsethief Basin | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Lynx             | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Watson           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Yavapai Total    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Yuma

| Lake             | <u>Boat Class</u> |         |        |         |         |       |       |        |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|---------|--------|---------|---------|-------|-------|--------|---|---------------|-----------------|-----------------|
|                  | 1                 | 2       | 3      | 4       | 5       | 6     | 7     | 8      | 9 |               |                 |                 |
| Martinez Lake    | 1405              | 5474    | 389    | 5122    | 5578    | 0     | 0     | 0      | 0 | 17968         | 4.11            | 73868           |
| Mittry           | 0                 | 0       | 0      | 0       | 0       | 0     | 0     | 0      | 0 | 0             |                 | 0               |
| Mittry Lake      | 0                 | 0       | 0      | 0       | 4270    | 0     | 0     | 0      | 0 | 4270          | 5.00            | 21350           |
| Squaw Lake       | 216               | 238     | 0      | 0       | 0       | 0     | 0     | 0      | 0 | 454           | 3.00            | 1362            |
| Yuma Total       | 1621              | 5712    | 389    | 5122    | 9848    | 0     | 0     | 0      | 0 | 22692         |                 | 96580           |
| California Total | 23,561            | 369,116 | 32,254 | 102,438 | 342,683 | 4,898 | 4,022 | 45,696 | 0 | 924,874       |                 | 5,074,118       |

TABLE 23: WATERCRAFT USAGE: NEVADA REGISTERED BOATS (12 MONTH DATA)

County: Apache

| Lake             | Boat Class |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Becker           | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Big              | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Bunch            | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Concho           | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Cresent          | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Drift Fence      | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Greer            | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Hawley           | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Little Bog       | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Luna             | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Lyman            | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Mexican Hay      | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Nelson Reservoir | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Reservation      | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Sunrise          | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Apache Total     | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Cochise

| Lake          | Boat Class |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------|------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|               | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Parker Canyon | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Cochise Total | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Coconino

| Lake            | Boat Class |     |   |   |     |   |   |     |   | Boat Use Days | Mean Party Size | Person Use Days |
|-----------------|------------|-----|---|---|-----|---|---|-----|---|---------------|-----------------|-----------------|
|                 | 1          | 2   | 3 | 4 | 5   | 6 | 7 | 8   | 9 |               |                 |                 |
| Ashurst         | 0          | 0   | 0 | 0 | 0   | 0 | 0 | 0   | 0 | 0             |                 | 0               |
| Bear Canyon     | 0          | 0   | 0 | 0 | 0   | 0 | 0 | 0   | 0 | 0             |                 | 0               |
| Blue Ridge      | 0          | 0   | 0 | 0 | 0   | 0 | 0 | 0   | 0 | 0             |                 | 0               |
| Cataract        | 0          | 0   | 0 | 0 | 0   | 0 | 0 | 0   | 0 | 0             |                 | 0               |
| Dogtown         | 0          | 0   | 0 | 0 | 0   | 0 | 0 | 0   | 0 | 0             |                 | 0               |
| Kaibab          | 0          | 0   | 0 | 0 | 0   | 0 | 0 | 0   | 0 | 0             |                 | 0               |
| Kinnikinick     | 0          | 0   | 0 | 0 | 0   | 0 | 0 | 0   | 0 | 0             |                 | 0               |
| Knoll           | 0          | 0   | 0 | 0 | 0   | 0 | 0 | 0   | 0 | 0             |                 | 0               |
| Lake Powell     | 0          | 0   | 0 | 0 | 967 | 0 | 0 | 642 | 0 | 1608          | 11.17           | 17959           |
| Lees Ferry      | 0          | 0   | 0 | 0 | 102 | 0 | 0 | 0   | 0 | 102           | 8.00            | 814             |
| Long            | 0          | 0   | 0 | 0 | 0   | 0 | 0 | 0   | 0 | 0             |                 | 0               |
| Mormon          | 0          | 0   | 0 | 0 | 0   | 0 | 0 | 0   | 0 | 0             |                 | 0               |
| Upper Lake Mary | 0          | 0   | 0 | 0 | 0   | 0 | 0 | 0   | 0 | 0             |                 | 0               |
| Whitehorse      | 0          | 0   | 0 | 0 | 0   | 0 | 0 | 0   | 0 | 0             |                 | 0               |
| Willow Springs  | 0          | 429 | 0 | 0 | 0   | 0 | 0 | 0   | 0 | 429           | 2.00            | 858             |

TABLE 23: WATERCRAFT USAGE: NEVADA REGISTERED BOATS (12 MONTH DATA)

County: Coconino

| Lake           | <u>Boat Class</u> |     |   |   |      |   |   |     |   | Boat Use Days | Mean Party Size | Person Use Days |
|----------------|-------------------|-----|---|---|------|---|---|-----|---|---------------|-----------------|-----------------|
|                | 1                 | 2   | 3 | 4 | 5    | 6 | 7 | 8   | 9 |               |                 |                 |
| Woods Canyon   | 0                 | 0   | 0 | 0 | 0    | 0 | 0 | 0   | 0 | 0             |                 | 0               |
| Coconino Total | 0                 | 429 | 0 | 0 | 1068 | 0 | 0 | 642 | 0 | 2139          |                 | 19631           |

County: Gila

| Lake                | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                     | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Christmas Tree lake | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Roosevelt           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| San Carlos          | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Gila Total          | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Graham

| Lake         | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|--------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|              | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Riggs Lake   | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Roper        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Graham Total | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: La Paz

| Lake                                        | <u>Boat Class</u> |      |   |    |     |   |   |      |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------------------------------------|-------------------|------|---|----|-----|---|---|------|---|---------------|-----------------|-----------------|
|                                             | 1                 | 2    | 3 | 4  | 5   | 6 | 7 | 8    | 9 |               |                 |                 |
| Alamo                                       | 106               | 0    | 0 | 0  | 0   | 0 | 0 | 0    | 0 | 106           | 15.00           | 1592            |
| Ehrenberg to the north end of Martinez Lake | 0                 | 0    | 0 | 0  | 102 | 0 | 0 | 0    | 0 | 102           | 8.00            | 814             |
| Headgate Rock Dam to Ehrenberg              | 0                 | 0    | 0 | 0  | 102 | 0 | 0 | 0    | 0 | 102           | 8.00            | 814             |
| Lake Havasu                                 | 37                | 206  | 0 | 12 | 371 | 0 | 0 | 8558 | 0 | 9185          | 4.59            | 42124           |
| Parker Strip                                | 0                 | 901  | 0 | 0  | 305 | 0 | 0 | 0    | 0 | 1206          | 3.78            | 4557            |
| La Paz Total                                | 143               | 1107 | 0 | 12 | 880 | 0 | 0 | 8558 | 0 | 10701         |                 | 49901           |

County: Maricopa

| Lake      | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|-----------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|           | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Apache    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Bartlett  | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Canyon    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Chapparal | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Dobson    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Fire Bird | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Horseshoe | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |



TABLE 23: WATERCRAFT USAGE: NEVADA REGISTERED BOATS (12 MONTH DATA)

County: Maricopa

| Lake           | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use<br>Days | Mean Party<br>Size | Person Use<br>Days |
|----------------|-------------------|---|---|---|---|---|---|---|---|------------------|--------------------|--------------------|
|                | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |                  |                    |                    |
| Pleasant       | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Saguaro        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Salt River     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Tempe Town     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Verde River    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Maricopa Total | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |

County: Mohave

| Lake             | <u>Boat Class</u> |      |   |      |       |   |      |      |   | Boat Use<br>Days | Mean Party<br>Size | Person Use<br>Days |
|------------------|-------------------|------|---|------|-------|---|------|------|---|------------------|--------------------|--------------------|
|                  | 1                 | 2    | 3 | 4    | 5     | 6 | 7    | 8    | 9 |                  |                    |                    |
| Davis Dam/Topock | 0                 | 0    | 0 | 0    | 204   | 0 | 0    | 0    | 0 | 204              | 5.50               | 1119               |
| Grand Canyon     | 0                 | 0    | 0 | 0    | 102   | 0 | 0    | 0    | 0 | 102              | 8.00               | 814                |
| Lake Havasu      | 334               | 1853 | 0 | 109  | 3343  | 0 | 0    | 115  | 0 | 5755             | 4.59               | 26391              |
| Lake Mead        | 1141              | 1544 | 0 | 1869 | 30274 | 0 | 1085 | 3165 | 0 | 39078            | 4.38               | 171200             |
| Lake Mohave      | 292               | 2402 | 0 | 3196 | 6360  | 0 | 0    | 855  | 0 | 13106            | 3.87               | 50675              |
| Topock Gorge     | 0                 | 0    | 0 | 0    | 102   | 0 | 0    | 0    | 0 | 102              | 8.00               | 814                |
| Mohave Total     | 1768              | 5800 | 0 | 5174 | 40383 | 0 | 1085 | 4136 | 0 | 58345            |                    | 251014             |

County: Navajo

| Lake             | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use<br>Days | Mean Party<br>Size | Person Use<br>Days |
|------------------|-------------------|---|---|---|---|---|---|---|---|------------------|--------------------|--------------------|
|                  | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |                  |                    |                    |
| Black Canyon     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Cholla           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Clear Creek      | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Cooley           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Fools Hollow     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Rainbow          | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Scotts Reservoir | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Show Low         | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| White Mtn        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Navajo Total     | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |

County: Pima

| Lake       | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use<br>Days | Mean Party<br>Size | Person Use<br>Days |
|------------|-------------------|---|---|---|---|---|---|---|---|------------------|--------------------|--------------------|
|            | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |                  |                    |                    |
| Arivaca    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Kennedy    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Silverbell | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |
| Pima Total | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                |                    | 0                  |

TABLE 23: WATERCRAFT USAGE: NEVADA REGISTERED BOATS (12 MONTH DATA)

County: Pinal

| Lake              | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|-------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                   | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Picacho Reservoir | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Pinal Total       | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Santa Cruz

| Lake             | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Patagonia        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Pena Blanca      | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Santa Cruz Total | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Yavapai

| Lake             | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Goldwater        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Horsethief Basin | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Lynx             | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Watson           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Yavapai Total    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Yuma

| Lake          | <u>Boat Class</u> |       |   |       |        |   |       |        |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------|-------------------|-------|---|-------|--------|---|-------|--------|---|---------------|-----------------|-----------------|
|               | 1                 | 2     | 3 | 4     | 5      | 6 | 7     | 8      | 9 |               |                 |                 |
| Martinez Lake | 0                 | 0     | 0 | 0     | 0      | 0 | 0     | 0      | 0 | 0             |                 | 0               |
| Mittry        | 0                 | 0     | 0 | 0     | 0      | 0 | 0     | 0      | 0 | 0             |                 | 0               |
| Mittry Lake   | 0                 | 0     | 0 | 0     | 0      | 0 | 0     | 0      | 0 | 0             |                 | 0               |
| Squaw Lake    | 0                 | 0     | 0 | 0     | 0      | 0 | 0     | 0      | 0 | 0             |                 | 0               |
| Yuma Total    | 0                 | 0     | 0 | 0     | 0      | 0 | 0     | 0      | 0 | 0             |                 | 0               |
| Nevada Total  | 1,911             | 7,336 | 0 | 5,186 | 42,332 | 0 | 1,085 | 13,336 | 0 | 71,185        |                 | 320,546         |

TABLE 24: WATERCRAFT USAGE: UTAH REGISTERED BOATS (12 MONTH DATA)

County: Apache

| Lake             | Boat Class |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Becker           | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Big              | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Bunch            | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Concho           | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Crescent         | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Drift Fence      | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Greer            | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Hawley           | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Little Bog       | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Luna             | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Lyman            | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Mexican Hay      | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Nelson Reservoir | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Reservation      | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Sunrise          | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Apache Total     | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Cochise

| Lake          | Boat Class |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------|------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|               | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Parker Canyon | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Cochise Total | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Coconino

| Lake            | Boat Class |      |     |       |       |    |      |      |   | Boat Use Days | Mean Party Size | Person Use Days |
|-----------------|------------|------|-----|-------|-------|----|------|------|---|---------------|-----------------|-----------------|
|                 | 1          | 2    | 3   | 4     | 5     | 6  | 7    | 8    | 9 |               |                 |                 |
| Ashurst         | 0          | 0    | 0   | 0     | 0     | 0  | 0    | 0    | 0 | 0             |                 | 0               |
| Bear Canyon     | 0          | 1615 | 0   | 0     | 0     | 0  | 0    | 0    | 0 | 1615          | 2.00            | 3230            |
| Blue Ridge      | 0          | 0    | 0   | 0     | 0     | 0  | 0    | 0    | 0 | 0             |                 | 0               |
| Cataract        | 0          | 0    | 0   | 0     | 0     | 0  | 0    | 0    | 0 | 0             |                 | 0               |
| Dogtown         | 0          | 0    | 0   | 0     | 0     | 0  | 0    | 0    | 0 | 0             |                 | 0               |
| Kaibab          | 0          | 0    | 0   | 0     | 0     | 0  | 0    | 0    | 0 | 0             |                 | 0               |
| Kinnikinick     | 0          | 0    | 0   | 0     | 0     | 0  | 0    | 0    | 0 | 0             |                 | 0               |
| Knoll           | 0          | 0    | 0   | 0     | 0     | 0  | 0    | 0    | 0 | 0             |                 | 0               |
| Lake Powell     | 3806       | 6190 | 296 | 10409 | 24137 | 49 | 1427 | 9918 | 0 | 56232         | 8.08            | 454269          |
| Lees Ferry      | 0          | 0    | 0   | 0     | 0     | 0  | 0    | 0    | 0 | 0             |                 | 0               |
| Long            | 0          | 0    | 0   | 0     | 0     | 0  | 0    | 0    | 0 | 0             |                 | 0               |
| Mormon          | 0          | 0    | 0   | 0     | 0     | 0  | 0    | 0    | 0 | 0             |                 | 0               |
| Upper Lake Mary | 0          | 0    | 0   | 0     | 0     | 0  | 0    | 0    | 0 | 0             |                 | 0               |
| Whitehorse      | 0          | 0    | 0   | 0     | 0     | 0  | 0    | 0    | 0 | 0             |                 | 0               |
| Willow Springs  | 0          | 0    | 0   | 0     | 0     | 0  | 0    | 0    | 0 | 0             |                 | 0               |

TABLE 24: WATERCRAFT USAGE: UTAH REGISTERED BOATS (12 MONTH DATA)

County: Coconino

| Lake           | <u>Boat Class</u> |      |     |       |       |    |      |      |   | Boat Use Days | Mean Party Size | Person Use Days |
|----------------|-------------------|------|-----|-------|-------|----|------|------|---|---------------|-----------------|-----------------|
|                | 1                 | 2    | 3   | 4     | 5     | 6  | 7    | 8    | 9 |               |                 |                 |
| Woods Canyon   | 0                 | 0    | 0   | 0     | 0     | 0  | 0    | 0    | 0 | 0             |                 | 0               |
| Coconino Total | 3806              | 7805 | 296 | 10409 | 24137 | 49 | 1427 | 9918 | 0 | 57847         |                 | 457499          |

County: Gila

| Lake                | <u>Boat Class</u> |   |   |      |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------------|-------------------|---|---|------|---|---|---|---|---|---------------|-----------------|-----------------|
|                     | 1                 | 2 | 3 | 4    | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Christmas Tree lake | 0                 | 0 | 0 | 0    | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Roosevelt           | 0                 | 0 | 0 | 1144 | 0 | 0 | 0 | 0 | 0 | 1144          | 1.00            | 1144            |
| San Carlos          | 0                 | 0 | 0 | 0    | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Gila Total          | 0                 | 0 | 0 | 1144 | 0 | 0 | 0 | 0 | 0 | 1144          |                 | 1144            |

County: Graham

| Lake         | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|--------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|              | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Riggs Lake   | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Roper        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Graham Total | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: La Paz

| Lake                                        | <u>Boat Class</u> |   |   |   |    |   |   |       |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------------------------------------|-------------------|---|---|---|----|---|---|-------|---|---------------|-----------------|-----------------|
|                                             | 1                 | 2 | 3 | 4 | 5  | 6 | 7 | 8     | 9 |               |                 |                 |
| Alamo                                       | 0                 | 0 | 0 | 0 | 0  | 0 | 0 | 0     | 0 | 0             |                 | 0               |
| Ehrenberg to the north end of Martinez Lake | 0                 | 0 | 0 | 0 | 0  | 0 | 0 | 0     | 0 | 0             |                 | 0               |
| Headgate Rock Dam to Ehrenberg              | 0                 | 0 | 0 | 0 | 0  | 0 | 0 | 0     | 0 | 0             |                 | 0               |
| Lake Havasu                                 | 0                 | 0 | 0 | 0 | 77 | 0 | 0 | 14398 | 0 | 14475         | 4.33            | 62726           |
| Parker Strip                                | 0                 | 0 | 0 | 0 | 0  | 0 | 0 | 0     | 0 | 0             |                 | 0               |
| La Paz Total                                | 0                 | 0 | 0 | 0 | 77 | 0 | 0 | 14398 | 0 | 14475         |                 | 62726           |

County: Maricopa

| Lake      | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|-----------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|           | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Apache    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Bartlett  | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Canyon    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Chapparal | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Dobson    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Fire Bird | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Horseshoe | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

TABLE 24: WATERCRAFT USAGE: UTAH REGISTERED BOATS (12 MONTH DATA)

County: Maricopa

| Lake           | Boat Class |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|----------------|------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Pleasant       | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Saguaro        | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Salt River     | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Tempe Town     | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Verde River    | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Maricopa Total | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Mohave

| Lake             | Boat Class |     |     |   |      |   |   |      |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|------------|-----|-----|---|------|---|---|------|---|---------------|-----------------|-----------------|
|                  | 1          | 2   | 3   | 4 | 5    | 6 | 7 | 8    | 9 |               |                 |                 |
| Davis Dam/Topock | 0          | 0   | 0   | 0 | 0    | 0 | 0 | 0    | 0 | 0             |                 | 0               |
| Grand Canyon     | 0          | 0   | 0   | 0 | 1999 | 0 | 0 | 0    | 0 | 1999          | 2.00            | 3997            |
| Lake Havasu      | 0          | 0   | 0   | 0 | 692  | 0 | 0 | 1284 | 0 | 1976          | 4.33            | 8563            |
| Lake Mead        | 586        | 0   | 0   | 0 | 0    | 0 | 0 | 0    | 0 | 586           | 3.00            | 1757            |
| Lake Mohave      | 0          | 673 | 197 | 0 | 0    | 0 | 0 | 0    | 0 | 870           | 3.00            | 2610            |
| Topock Gorge     | 0          | 0   | 0   | 0 | 0    | 0 | 0 | 0    | 0 | 0             |                 | 0               |
| Mohave Total     | 586        | 673 | 197 | 0 | 2690 | 0 | 0 | 1284 | 0 | 5430          |                 | 16927           |

County: Navajo

| Lake             | Boat Class |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Black Canyon     | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Cholla           | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Clear Creek      | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Cooley           | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Fools Hollow     | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Rainbow          | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Scotts Reservoir | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Show Low         | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| White Mtn        | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Navajo Total     | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Pima

| Lake       | Boat Class |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------|------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|            | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Arivaca    | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Kennedy    | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Silverbell | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Pima Total | 0          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

TABLE 24: WATERCRAFT USAGE: UTAH REGISTERED BOATS (12 MONTH DATA)

County: Pinal

| Lake              | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|-------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                   | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Picacho Reservoir | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Pinal Total       | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Santa Cruz

| Lake             | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Patagonia        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Pena Blanca      | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Santa Cruz Total | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Yavapai

| Lake             | <u>Boat Class</u> |   |   |   |   |   |   |   |   | Boat Use Days | Mean Party Size | Person Use Days |
|------------------|-------------------|---|---|---|---|---|---|---|---|---------------|-----------------|-----------------|
|                  | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |               |                 |                 |
| Goldwater        | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Horsethief Basin | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Lynx             | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Watson           | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |
| Yavapai Total    | 0                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |                 | 0               |

County: Yuma

| Lake          | <u>Boat Class</u> |       |     |        |        |    |       |        |   | Boat Use Days | Mean Party Size | Person Use Days |
|---------------|-------------------|-------|-----|--------|--------|----|-------|--------|---|---------------|-----------------|-----------------|
|               | 1                 | 2     | 3   | 4      | 5      | 6  | 7     | 8      | 9 |               |                 |                 |
| Martinez Lake | 0                 | 0     | 0   | 0      | 0      | 0  | 0     | 0      | 0 | 0             |                 | 0               |
| Mittry        | 0                 | 0     | 0   | 0      | 0      | 0  | 0     | 0      | 0 | 0             |                 | 0               |
| Mittry Lake   | 0                 | 0     | 0   | 0      | 0      | 0  | 0     | 0      | 0 | 0             |                 | 0               |
| Squaw Lake    | 0                 | 0     | 0   | 0      | 0      | 0  | 0     | 0      | 0 | 0             |                 | 0               |
| Yuma Total    |                   |       |     |        |        |    |       |        |   |               |                 |                 |
| Utah Total    | 4,392             | 8,478 | 493 | 11,553 | 26,905 | 49 | 1,427 | 25,600 |   | 78,897        |                 | 538,296         |

### 5.3 Combined Data Set

The next series of tables (Table 25 to Table 26) present the boat and person use days based on the combined two-week data and 12-month data sets. As may be seen, Mohave, Maricopa, La Paz and Coconino counties generate the highest boat use and person use figures.

TABLE 25: BOAT USE DAYS AND PERSON USE DAYS  
BY COUNTY (COMBINED 30 DAY/12 MONTH DATA)

|            | <u>BOAT USE DAYS</u> |          | <u>PERSON USE DAYS</u> |          |
|------------|----------------------|----------|------------------------|----------|
|            | <u>Total</u>         | <u>%</u> | <u>Total</u>           | <u>%</u> |
| Mohave     | 2,315,590            | 43%      | 11,136,470             | 45%      |
| Maricopa   | 1,105,918            | 20       | 4,376,095              | 18       |
| La Paz     | 964,595              | 18       | 4,670,796              | 19       |
| Coconino   | 422,293              | 8        | 2,482,192              | 10       |
| Gila       | 178,539              | 3        | 689,603                | 3        |
| Yuma       | 163,782              | 3        | 658,979                | 3        |
| Apache     | 107,164              | 2        | 370,172                | 1        |
| Santa Cruz | 63,796               | 1        | 209,791                | 1        |
| Navajo     | 31,030               | 1        | 70,382                 | *        |
| Cochise    | 28,566               | 1        | 122,526                | *        |
| Yavapai    | 19,992               | *        | 28,984                 | *        |
| Pinal      | 7,327                | *        | 31,790                 | *        |
| Pima       | 2,323                | *        | 9,337                  | *        |
| Graham     | <u>1,402</u>         | <u>*</u> | <u>4,636</u>           | <u>*</u> |
| TOTAL      | 5,412,317            | 100%     | 24,861,753             | 100%     |

\*Indicates % less than .5

~~~~~

**TABLE 26: WATERCRAFT USE BY SPECIFIC LAKES/RIVERS  
(COMBINED 30 DAY/12 MONTH DATA)**

LAKE	BOAT USE DAYS	PERSON USE DAYS
Lake Havasu	1,665,575	7,809,730
Lake Mohave	626,977	3,329,765
Parker Strip	477,804	2,278,632
Pleasant	371,603	1,587,471
Lake Powell	338,750	2,202,414
Saguaro	265,597	985,365
Canyon	206,461	841,841
Lake Mead	193,445	829,521
Roosevelt	178,178	688,440
Bartlett	159,271	590,724
Martinez Lake	121,307	517,693
Davis Dam/Topock	104,004	485,892
Apache	92,362	333,756
Headgate Rock Dam to Ehrenberg	79,879	431,842
Topock Gorge	71,240	348,122
Big	67,783	266,622
Patagonia	58,882	199,963
Mittry Lake	32,952	110,449
Parker Canyon	28,566	122,526
Willow Springs	25,809	62,678
Woods Canyon	22,615	64,875
Ehrenberg to the north end of Martinez	22,615	101,538
Alamo	21,129	83,399
Show Low	18,106	42,583
Grand Canyon	17,517	108,825
Watson	16,761	22,724
Lees Ferry	11,568	29,932
Ashurst	11,052	84,373
Squaw Lake	9,523	30,837
Nelson Reservoir	8,177	16,355
Picacho Reservoir	7,327	31,790
Hawley	7,015	14,299
Lyman	7,013	31,953
Reservation	6,779	18,880
Fools Hollow	6,596	14,135
Becker	5,116	8,571
Pena Blanca	4,914	9,828
Horseshoe	4,237	12,511
Firebird	4,162	12,487
Cholla	4,106	8,144
Knoll	3,520	10,899
Luna	3,464	7,501
Upper Lake Mary	3,071	10,519
Blue Ridge	2,549	7,648
Goldwater	2,423	4,846
Silverbell	1,720	8,600
Bear Canyon	1,615	3,230
Rainbow	1,145	1,481
Roper	943	2,153
Greer	942	3,769
Black Canyon	808	3,231
Whitehorse	808	1,615
Lynx	808	1,414
Dogtown	769	3,843
Dobson	689	6,887
Tempe Town	630	1,260

(Continued)



(CONT.) TABLE 26: WATERCRAFT USE BY SPECIFIC LAKES/RIVERS  
(COMBINED 30 DAY/12 MONTH DATA)

<u>LAKE</u>	<u>BOAT USE DAYS</u>	<u>PERSON USE DAYS</u>
Salt River	569	2,783
Sunrise	471	1,414
Arivaca	468	468
Riggs Lake	<u>459</u>	<u>2,483</u>
Little Bog	<u>337</u>	<u>673</u>
Verde River	337	1,010
San Carlos	294	1,028
Scotts Reservoir	202	404
Kaibab	166	166
Kennedy	135	269
Clear Creek	67	404
Christmas Tree	67	135
Crescent	<u>67</u>	<u>135</u>
 TOTAL	 5,412,317	 24,861,753

~~~~~

## 6.0 ADDITIONAL BOATING DATA

This final section of the report presents a variety of attitudinal and behavioral data regarding boat usage. When reading this section, keep in mind that all of the data presented has been computer weighted so that each state and boat classification properly represents its proportional contribution to overall boat registrations in the four-state sample universe.

### 6.1 Trip Expenditures

The average expenditure for a boating trip in Arizona is \$415 – up sharply from \$316 in 2012. The typical Arizona boater spends \$329 per trip compared to \$694 for California boaters, \$213 for Nevada boaters and \$600 for Utah boaters.

TABLE 27: TRIP EXPENDITURES

“On your last boating trip in Arizona during the (FIRST/LAST) two weeks of (MONTH), how much money did you and the other members of your boating party spend on the following items?”

|                                                                                     | % SPENDING<br>MONEY ON ITEM | MEDIAN DAILY<br>EXPENDITURE<br>(AMONG THOSE<br>SPENDING ON ITEM) |
|-------------------------------------------------------------------------------------|-----------------------------|------------------------------------------------------------------|
| For equipment rental, tackle, bait and gasoline                                     | 89%                         | \$129                                                            |
| For food and beverages purchased at retail stores                                   | 86                          | 117                                                              |
| For entry fees or permits                                                           | 64                          | 41                                                               |
| At restaurants and bars                                                             | 60                          | 155                                                              |
| For gifts, souvenirs, clothing and other personal items                             | 27                          | 105                                                              |
| For overnight lodging at hotels and motels                                          | 26                          | 281                                                              |
| For any other items directly related to your boating trip which I haven't mentioned | 30                          | 136                                                              |
| <b>TOTAL SPENDING <sup>1</sup></b>                                                  | <b>99%</b>                  | <b>\$415</b>                                                     |
| Arizona                                                                             | 99                          | 329                                                              |
| California                                                                          | 100                         | 694                                                              |
| Nevada                                                                              | 98                          | 213                                                              |
| Utah                                                                                | 100                         | 600                                                              |

<sup>1</sup>Note: Total is an independent, combined expenditure figure, not a total for the 7 selected items.

~~~~~

## 6.2 Boating and Water-Based Recreational Facilities Most Needed

Boat owners were asked to indicate the most needed facilities and the most needed services at their favorite lake. Response to these two questions was very similar so they were combined on the following table for analysis. As may be seen, similar to prior studies, public restrooms (22%) and launch ramps (19%) continue to receive the greatest mention from boaters. Also receiving sizeable response are restaurants/bars (7%), gas stations (7%), concessions that sell food, drinks, tackle and the like (7%), and courtesy docks (7%). Forty-one percent of boaters indicate there are no additional facilities or services needed at their favorite lake.

TABLE 28: BOATING AND WATER-BASED  
RECREATIONAL FACILITIES/SERVICES NEEDED

“What would you say are the two or three most needed facilities at (LAKE/RIVER)?”

“And what would you say are the two or three most needed services at (LAKE/RIVER)?”

	<u>TOTAL</u>		
	<u>2016</u>	<u>2012</u>	<u>2009</u>
<b>None</b>	<b>41%</b>	<b>43%</b>	<b>32%</b>
Public restrooms	22	19	23
Launch ramps	19	18	20
Restaurants/bars	7	7	7
Gas stations	7	6	8
Concessions	7	6	8
Courtesy docks	7	5	5
More law enforcement	6	8	10
Marinas	6	7	9
Parking facilities	6	5	6
Boat gas dock	6	4	3
Campgrounds	4	3	4
First aid stations/emergency personnel	2	4	1
Hotel/motel	2	2	2
Beaches	2	2	2
Trash dumpsters	2	2	2
Less litter/cleaner	2	1	2
Improved access roads	2	1	2
Picnic areas and facilities	1	1	2
Sanitary dump stations	1	1	1
RV park/hookups	1	1	1
Showers	1	1	1

(Continued)

(CONT.) TABLE 28: BOATING AND WATER-BASED  
RECREATIONAL FACILITIES/SERVICES NEEDED

	<u>TOTAL</u>		
	<u>2016</u>	<u>2012</u>	<u>2009</u>
Drinking water outlets	1%	1%	1%
Stock fish	1	1	1
Fish cleaning station	1	1	1
Towing service	1	1	1
Marker buoys	1	1	1
Phone service	1	1	*
Campsites for boats only	1	*	1
Ramadas/shaded areas	1	*	1
All others	11	11	10

~~~~~

**6.3 Evaluation of Water-Based Recreation Facilities**

Continuing with this line of questioning, boaters were next asked to evaluate each of 22 specific boating and water-based recreational facilities at their favorite lake. As Table 29 reveals, the facility registering the highest net positive reading is access roads (+49%) followed by parking facilities for vehicles (+47%). One item continues to register a net negative reading from nearly one-quarter of boaters: emergency telephones (-22%).

Listed below are the items that record a statistically significant positive or negative change since 2012.

LARGEST POSITIVE CHANGES

- Drinking outlet: 9-point improvement;
- Emergency telephones: 8-point improvement;
- Trash dumpsters accessible by boat: 7-point improvement.

LARGEST NEGATIVE CHANGES

- Concessions: 11-point decline
- Courtesy docks: 8-point decline
- Parking facilities for boat trailers: 7-point decline
- Launch ramps: 6-point decline
- Fish cleaning stations: 6-point decline

**TABLE 29: EVALUATION OF WATER-BASED RECREATION FACILITIES**

“Now I’d like to read you a list of various boating and water-based recreational facilities. As I do, please just tell me if you would rate each as excellent, good, only fair or poor at (LAKE/RIVER)? If any of the facilities I mention aren’t located at (LAKE/RIVER), please just say so.”

|                                                                                         | Excel-<br>lent | Good | Only<br>Fair | Poor | Not<br>Sure | NET POS/NEG <sup>1</sup> |      |      |
|-----------------------------------------------------------------------------------------|----------------|------|--------------|------|-------------|--------------------------|------|------|
|                                                                                         |                |      |              |      |             | 2016                     | 2012 | 2009 |
| Access roads                                                                            | 16%            | 57%  | 17%          | 7%   | 3%          | 49%                      | 53%  | 44%  |
| Parking facilities for vehicles                                                         | 19             | 54   | 19           | 7    | 1           | 47                       | 47   | 39   |
| Informational signs                                                                     | 15             | 55   | 19           | 8    | 3           | 43                       | 40   | 45   |
| Parking facilities for boat<br>trailers                                                 | 21             | 49   | 22           | 7    | 1           | 41                       | 48   | 37   |
| Launching ramps                                                                         | 18             | 51   | 19           | 11   | 1           | 39                       | 45   | 39   |
| Picnic areas and facilities                                                             | 16             | 50   | 20           | 7    | 7           | 39                       | 41   | 21   |
| Campgrounds                                                                             | 17             | 45   | 16           | 8    | 14          | 38                       | 42   | 33   |
| Swimming beaches                                                                        | 17             | 44   | 21           | 12   | 6           | 28                       | 30   | 22   |
| Sanitary dump facilities                                                                | 8              | 39   | 14           | 12   | 27          | 21                       | 20   | 6    |
| Boat gas docks                                                                          | 10             | 45   | 22           | 3    | 10          | 20                       | 20   | 22   |
| Public restrooms                                                                        | 13             | 45   | 24           | 15   | 3           | 19                       | 16   | 23   |
| Campsites accessible by<br>boat only                                                    | 14             | 33   | 17           | 12   | 24          | 18                       | 17   | 12   |
| Courtesy docks                                                                          | 13             | 42   | 22           | 16   | 7           | 17                       | 25   | 10   |
| Concessions that sell food,<br>bait, drinks, tackle, etc.                               | 11             | 41   | 24           | 16   | 8           | 12                       | 23   | 8    |
| Marinas with overnight<br>docking spaces, boat<br>rental, fuel and boat<br>repair, etc. | 13             | 36   | 21           | 16   | 14          | 12                       | 13   | 4    |
| Picnic areas accessible by<br>boat only                                                 | 14             | 34   | 21           | 15   | 16          | 12                       | 12   | 1    |
| Fish cleaning stations                                                                  | 9              | 25   | 14           | 17   | 35          | 3                        | 9    | 12   |
| Fishing piers                                                                           | 9              | 29   | 15           | 20   | 27          | 3                        | 5    | (1)  |
| Trash dumpsters accessible<br>by boat                                                   | 11             | 29   | 18           | 25   | 17          | (3)                      | (10) | (19) |
| First-aid stations                                                                      | 6              | 19   | 15           | 24   | 36          | (14)                     | (15) | (12) |
| Drinking water outlets                                                                  | 6              | 21   | 20           | 23   | 30          | (16)                     | (25) | (27) |
| Emergency telephones                                                                    | 5              | 15   | 13           | 29   | 38          | (22)                     | (30) | (32) |

<sup>1</sup> Net Pos/Neg: the difference between scores for excellent/good and only fair/poor.

~~~~~

The next table reveals boaters' evaluations of recreation facilities by state of registration. As has been observed in the past, there is considerable variation in boaters' evaluations from state to state.

TABLE 30: EVALUATION OF WATER-BASED RECREATION FACILITIES BY STATE

	NET POSITIVE/(NEGATIVE)				
	TOTAL	STATE OF REGISTRATION			
		AZ	CA	NV	UT
Access roads	49%	54%	39%	32%	50%
Parking facilities for vehicles	47	48	42	44	63
Informational signs	43	49	31	40	32
Parking facilities for boat trailers	41	45	28	67	46
Launching ramps	39	39	39	(2)	50
Picnic areas and facilities	39	44	34	12	21
Campgrounds	38	38	38	14	37
Swimming beaches	28	26	34	(5)	46
Sanitary dump facilities	21	17	22	28	33
Boat gas docks	20	17	11	56	44
Public restrooms	19	22	3	32	52
Campsites accessible by boat only	18	19	14	32	26
Courtesy docks	17	17	9	13	42
Concessions for food, etc.	12	18	12	17	50
Marinas with overnight docking spaces, etc.	12	13	2	30	51
Picnic areas accessible by boat only	12	14	15	20	(11)
Fish cleaning stations	3	(2)	3	25	29
Fishing piers	3	8	(6)	(5)	(11)
Trash dumpsters accessible by boat	(3)	(2)	4	(15)	(40)
First-aid stations	(14)	(9)	(29)	(7)	3
Drinking water outlets	(16)	(13)	(28)	(1)	(11)
Emergency telephones	(22)	(20)	(21)	(3)	(50)

~~~~~

## 6.4 Awareness of SLIF Program

Awareness of the SLIF program has remained steady at six to seven percent over the past three studies.

TABLE 31: AWARENESS OF SLIF PROGRAM

“Next, the Arizona State Lake Improvement Fund, or SLIF, is a program designed to assist state and local governments in improving boating-related resources and facilities. Were you aware of this program before I mentioned it just now?”

|              | % YES |      |      |
|--------------|-------|------|------|
|              | 2016  | 2012 | 2009 |
| <u>TOTAL</u> | 6%    | 6%   | 7%   |
| Arizona      | 8     | 9    | 10   |
| Utah         | 4     | 5    | 0    |
| California   | 3     | 4    | 5    |
| Nevada       | 0     | 5    | 2    |

## 6.5 Utilization of SLIF Funds

After boaters had indicated their awareness of the SLIF program, they were asked to indicate how important they felt each of its six funding functions is. As Table 32 reveals, four of the six functions continue to receive very or somewhat important readings from roughly eight out of ten boaters or more.

- The construction of recreation support facilities such as restrooms, campgrounds and picnic tables (84%);
- The construction of water-based boating facilities such as marinas, launch ramps and piers (83%);
- The construction of first-aid stations and other safety facilities (79%);
- The purchasing of law enforcement and safety equipment such as patrol boats, radios and lights (78%).

The remaining two functions – purchasing shoreline property (67%) and the development of new lakes for boating (61%) – are considered to be somewhat less important, but still are considered very or somewhat important by over six out of ten residents or more. These readings are little changed from the 2012 study.

TABLE 32: UTILIZATION OF SLIF FUNDS

“The SLIF program is funded with revenues from boat registration fees and motor fuel taxes and there are six water-based boating functions for which these funds might be used. As I read them to you, please just tell me if you feel each one is very important, somewhat important, not very important or not at all important.”

% VERY/SOMEWHAT

|                                                                                                     | Very | Some-<br>what | Not<br>Very | Not<br>At All | Not<br>Sure | % VERY/SOMEWHAT |      |      |
|-----------------------------------------------------------------------------------------------------|------|---------------|-------------|---------------|-------------|-----------------|------|------|
|                                                                                                     |      |               |             |               |             | 2016            | 2012 | 2009 |
| The construction of recreation support facilities such as restrooms, camp-grounds and picnic tables | 52%  | 32%           | 11%         | 4%            | 1%          | 84%             | 82%  | 86%  |
| The construction of water-based boating facilities such as marinas, launch ramps and piers          | 51   | 32            | 10          | 6             | 1           | 83              | 82   | 83   |
| The construction of first-aid stations and other safety facilities                                  | 44   | 35            | 15          | 4             | 2           | 79              | 81   | 83   |
| The purchasing of law enforcement and safety equipment such as patrol boats, radios and lights      | 46   | 32            | 15          | 6             | 1           | 78              | 79   | 80   |
| The purchasing of shoreline property at lakes which can be used for boating access                  | 32   | 35            | 19          | 11            | 3           | 67              | 65   | 69   |
| The development of new lakes for boating use                                                        | 34   | 27            | 10          | 3             | 6           | 61              | 62   | 68   |



## 6.6 Law Enforcement Priorities

Providing first-aid stations (42%), marking submerged rocks and other hazards (39%), stopping people who are boating while drunk (37%) and stopping people who are boating recklessly (36%) are the law enforcement activities which boaters would most like to see increased at their favorite lake or river. The percent of boaters indicating “more should be done” in each of the 14 categories is down in 13 of the categories since 2012. The primary reason for this pattern is an across the board increase in the volume of boaters who answer “about what they are doing now” to each item. Also note that few boaters indicate that “less should be done” in any of the categories.

**TABLE 33: LAW ENFORCEMENT ACTIVITIES NEEDED**

“As you know, agencies such as the Game & Fish Department, county sheriffs’ offices and other agencies patrol Arizona’s lakes and rivers. For each of the following, please tell me whether you think at (LAKE/RIVER) these agencies should be doing more than they are now, about what they are doing now or less than they are doing now regarding. . .”

|                                                                            | <u>“SHOULD BE DOING...”</u> |                |      |          | <u>SHOULD BE DOING MORE</u> |      |
|----------------------------------------------------------------------------|-----------------------------|----------------|------|----------|-----------------------------|------|
|                                                                            | More                        | About the Same | Less | Not Sure | 2012                        | 2009 |
| Providing first-aid stations                                               | 42%                         | 40%            | 3%   | 15%      | 43%                         | 42%  |
| Marking submerged rocks and other hazards                                  | 39                          | 57             | 1    | 3        | 43                          | 42   |
| Stopping people who are boating while drunk                                | 37                          | 51             | 4    | 8        | 48                          | 49   |
| Stopping people who are boating recklessly                                 | 36                          | 57             | 2    | 5        | 44                          | 48   |
| Educating boaters on safe boating operations and procedures                | 32                          | 56             | 5    | 7        | 38                          | 40   |
| Providing safety information on special hazards and conditions on the lake | 31                          | 61             | 1    | 7        | 36                          | 36   |
| Stopping people who overload their boat                                    | 30                          | 56             | 5    | 9        | 35                          | 37   |
| Providing weather warnings                                                 | 29                          | 55             | 3    | 13       | 29                          | 31   |
| Stopping boats with excessive noise                                        | 25                          | 55             | 11   | 9        | 27                          | 29   |
| Providing navigational aids                                                | 23                          | 64             | 4    | 9        | 27                          | 23   |
| Patrolling active use areas                                                | 19                          | 71             | 5    | 5        | 26                          | 28   |
| Checking safety equipment on boats                                         | 19                          | 69             | 7    | 5        | 24                          | 27   |
| Keeping boaters out of swimming or other restricted areas                  | 16                          | 74             | 3    | 7        | 21                          | 24   |
| Providing rescue and emergency services                                    | 16                          | 73             | 1    | 10       | 21                          | 24   |

In a related question, boaters were asked whether they agreed or disagreed with nine statements relating to law enforcement and safety issues at Arizona lakes. This line of questioning indicates that seven out of ten boaters or more agree with the following attitudes:

- That hands-on training should be required for boat rental customers: 85 percent.
- That boating law violators should be required to take a boating safety class: 82 percent.
- That laws and regulations are being adequately enforced: 81 percent.
- That the minimum age for boat operators should be 16 years of age, not the current 12 years of age: 72 percent.

The data also reveals that boaters are somewhat split on whether or not operators should be required to complete a mandatory class prior to operating a motorized watercraft (55% agree, 39% disagree), and whether or not Arizona should have a maximum speed limit on lakes (41% agree, 53% disagree). One-third or fewer boaters believe operators should be required to obtain a license similar to that required to drive a car (33% agree, 65% disagree), that all occupants should be required to wear a life jacket (25% agree, 74% disagree) or that they often experience conflicts with others at their favorite lake (13% agree, 85% disagree). The 2016 readings are little changed from those recorded in 2012.

TABLE 34: ATTITUDES ON SELECTED LAW  
ENFORCEMENT AND SAFETY ISSUES

“Next, do you strongly agree, agree, disagree or strongly disagree with each of the following statements?”

|                                                                                                                                                                  | Strongly Agree | Agree | Disagree | Strongly Disagree | Not Sure | <u>TOTAL AGREE</u> |      |      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------|----------|-------------------|----------|--------------------|------|------|
|                                                                                                                                                                  |                |       |          |                   |          | 2016               | 2012 | 2009 |
| Rental boat operators in Arizona should be required to provide hands-on training for their customers                                                             | 28%            | 57%   | 11%      | 1%                | 3%       | 85%                | 84%  | 88%  |
| Violators of Arizona boating laws should be required to take a boating safety class                                                                              | 24             | 58    | 15       | 1                 | 12       | 82                 | 86   | 85   |
| Laws and regulations are being adequately enforced at my favorite Arizona lake                                                                                   | 17             | 64    | 12       | 3                 | 4        | 81                 | 82   | 81   |
| The minimum age for boat operators in Arizona should be 16 years of age, not the current 12 years of age                                                         | 26             | 46    | 21       | 4                 | 3        | 72                 | 75   | 77   |
| All boat operators in AZ should be required to complete a mandatory boating education class prior to operating a motorized watercraft                            | 15             | 40    | 34       | 5                 | 6        | 55                 | 56   | 58   |
| I would support a maximum speed limit on Arizona lakes                                                                                                           | 9              | 32    | 44       | 9                 | 6        | 41                 | 45   | 49   |
| Boat operators in Arizona should be required to obtain a license similar to the driver's license required for automobile drivers                                 | 9              | 24    | 53       | 12                | 2        | 33                 | 37   | 38   |
| All occupants of a boat should be required to wear a life jacket at all times while underway, not just persons 12 years of age or under which is the current law | 8              | 17    | 56       | 18                | 1        | 25                 | 24   | 24   |
| I often experience conflicts with other lake users at my favorite Arizona lake                                                                                   | 3              | 10    | 67       | 18                | 2        | 13                 | 12   | 17   |

## 6.7 Attitudes on Various Water-Based Recreation Issues

Boaters were asked a variety of agree/disagree questions on various water-based recreation issues. As may be seen in Table 35, the volume of “agree” responses are little changed from 2012:

- Eight out of ten boaters (77%) support boating safety educational centers at Arizona lakes.
- A majority of boaters (66%) do not believe their favorite lake is too crowded, while 29 percent do.
- A majority of boaters (58%) believe the number of people using a lake should not be restricted during high use periods, while 39 percent do.
- A majority of boaters (55%) do not believe the launch ramps at their favorite lake are too crowded, while 40 percent do.
- 49 percent of boaters would support designating special areas for use only by jet skis – 47 percent would not.
- 46 percent of boaters believe their favorite lake does not need additional developed campgrounds, while 45 percent do.
- 46 percent of boaters do not believe their favorite lake needs additional full RV hookups, while 42 percent do.
- 46 percent of boaters believe their favorite lake needs additional primitive-type campgrounds, while 42 percent do not.

TABLE 35: ATTITUDES ON MISCELLANEOUS  
WATER-BASED RECREATION ISSUES

“Next, do you strongly agree, agree, disagree or strongly disagree with each of the following statements?”

|                                                                                                                      | Strongly Agree | Agree | Disagree | Strongly Disagree | Not Sure | <u>TOTAL AGREE</u> |      |      |
|----------------------------------------------------------------------------------------------------------------------|----------------|-------|----------|-------------------|----------|--------------------|------|------|
|                                                                                                                      |                |       |          |                   |          | 2016               | 2012 | 2009 |
| Arizona lakes should have education centers to provide the public with opportunities to learn about boating safety   | 17%            | 60%   | 18%      | 1%                | 4%       | 77%                | 71%  | 79%  |
| I would support designating special areas for use only by jet skis                                                   | 18             | 31    | 38       | 9                 | 4        | 49                 | 53   | 50   |
| My favorite Arizona lake needs additional primitive-type campgrounds with only drinking water and pit toilets        | 6              | 40    | 36       | 6                 | 12       | 46                 | 41   | 47   |
| My favorite Arizona lake needs additional developed campgrounds with flush toilets and hot showers                   | 12             | 33    | 39       | 7                 | 9        | 45                 | 40   | 45   |
| My favorite Arizona lake needs additional full hookup campsites with water and electricity for recreational vehicles | 11             | 31    | 40       | 6                 | 12       | 42                 | 39   | 42   |
| The launch ramps at my favorite lake are too crowded when I want to use them                                         | 12             | 28    | 49       | 6                 | 5        | 40                 | 39   | 47   |
| The number of people using a lake should be restricted during high use periods                                       | 6              | 33    | 49       | 9                 | 3        | 39                 | 38   | 41   |
| My favorite Arizona lake is too crowded when I want to use it                                                        | 5              | 24    | 61       | 5                 | 5        | 29                 | 25   | 32   |

~~~~~

## 6.8 Recreational Activities Participated In

Boaters were next asked to indicate their single favorite boating activity. As was the case in 2009 and 2012, fishing (29%) and general pleasure boating (29%) remain the top two activities. Note, however, that the readings vary greatly by state.

**TABLE 36: RECREATIONAL ACTIVITIES – SINGLE FAVORITE**

“Next, what is your single favorite boating activity on a typical boating trip?”

	<u>TOTAL</u>			<u>STATE OF REGISTRATION</u>			
	2016	2012	2009	AZ	CA	NV	UT
Fishing	29%	27%	31%	38%	12%	46%	8%
General pleasure boating	29	26	26	26	38	11	32
Water skiing	12	18	18	9	13	18	24
Jet skiing	9	11	7	7	16	8	0
Knee boarding	6	6	5	6	6	6	12
Tubing or rafting	6	5	5	6	4	4	16
Swimming	5	2	2	3	8	4	8
Sailing	1	2	1	1	*	3	0
Sunbathing	*	1	1	1	*	0	0
Camping	*	1	1	1	0	0	0
Other	<u>2</u>	<u>1</u>	<u>3</u>	<u>2</u>	<u>*</u>	<u>0</u>	<u>0</u>
	100%	100%	100%	100%	100%	100%	100%

\*Indicates % less than .5

**TABLE 37: RECREATIONAL ACTIVITIES – TOTAL**

“And, what other boating activities do you enjoy on a typical boating trip?”

	<u>TOTAL</u>			<u>STATE OF REGISTRATION</u>			
	2016	2012	2009	AZ	CA	NV	UT
General pleasure boating	51%	50%	51%	49%	59%	34%	39%
Fishing	40	41	38	47	24	58	28
Water skiing	25	32	37	20	33	27	38
Tubing or rafting	20	18	18	19	18	19	46
Jet skiing	18	22	20	15	24	11	24
Swimming	12	13	9	10	14	18	13
Knee boarding	11	14	12	12	9	8	16
Camping	4	7	6	3	4	1	7
Picnicking	3	4	4	3	4	1	6
Sunbathing	2	5	2	3	1	0	0
Sailing	2	3	1	3	2	3	0
Canoeing/kayaking	1	2	1	2	1	0	0
Personal transportation	1	1	1	1	*	0	0
Other	<u>2</u>	<u>1</u>	<u>4</u>	<u>2</u>	<u>2</u>	<u>3</u>	<u>0</u>

## 6.9 Awareness of Quagga Mussel Threat

Eighty-seven percent of boaters indicate that they are aware of the Quagga mussel with 57 percent indicating they know “a lot” – up from 46 percent in 2009 and 53 percent in 2012. In addition, 57 percent of boaters who are aware of the mussel, believe it is a “major threat” to Arizona’s lakes and rivers. This figure is down from 64 percent in 2009 and 60 percent in 2012.

TABLE 38: AWARENESS OF QUAGGA MUSSEL THREAT

“Next, there has been discussion lately about the appearance of the Quagga (qwa-ga) mussel in Arizona and its negative impact on the state’s lakes and rivers. Would you say you have heard or read a lot, some, only a little or nothing at all about the Quagga mussel?”

	<u>TOTAL</u>			<u>STATE OF REGISTRATION -- 2015</u>			
	2016	2012	2009	AZ	CA	NV	UT
A lot	57%	53%	46%	54%	59%	72%	75%
Some	16	23	22	17	14	13	10
Only a little	14	13	17	15	16	6	5
Nothing at all	<u>13</u>	<u>11</u>	<u>15</u>	<u>14</u>	<u>11</u>	<u>9</u>	<u>10</u>
	100%	100%	100%	100%	100%	100%	100%

(AMONG THOSE AWARE)

“Do you feel the Quagga mussel is a major threat, a minor threat or not a threat to Arizona’s lakes and rivers?”

Major	57%	60%	64%	57%	54%	68%	70%
Minor	23	22	21	22	26	20	17
Not a threat	4	4	2	5	4	4	2
Not sure	<u>16</u>	<u>14</u>	<u>13</u>	<u>16</u>	<u>16</u>	<u>8</u>	<u>11</u>
	100%	100%	100%	100%	100%	100%	100%

~~~~~

## 6.10 Boating Safety Class Participation

One out of four (24%) Arizona boaters indicate that they have ever taken a boating safety class in Arizona. In addition, a majority of Arizona boaters (55%) who have not taken a boating safety class say they would be either very (20%) or somewhat interested (35%) in doing so.

By far and away, the most useful thing that class attendees say they learned were the rules, laws and regulations of boating (46%).

TABLE 39: BOATING SAFETY CLASS PARTICIPATION

(AMONG ARIZONA BOATERS ONLY)

“Have you ever taken a boating safety class in Arizona?”

|     |           |
|-----|-----------|
| Yes | 24%       |
| No  | <u>76</u> |
|     | 100%      |

(AMONG THOSE WHO HAVE TAKEN CLASS)

“What was the most useful thing you learned in class?”

|                                                                                    |     |
|------------------------------------------------------------------------------------|-----|
| Rules/laws/regulations – laws of the lake, right of way, traffic rules, operations | 46% |
| Safety/emergency management                                                        | 19  |
| Safety equipment needs                                                             | 11  |
| Buoys/markers                                                                      | 5   |
| Awareness – be alert                                                               | 5   |
| Flags, signals, lights                                                             | 4   |
| Everything                                                                         | 4   |
| Courtesy/respect                                                                   | 3   |
| Quagga mussels                                                                     | 1   |
| Nothing                                                                            | 5   |

(AMONG THOSE WHO HAVE NOT TAKEN CLASS)

“If free boating safety classes were offered in your area, would you be very interested, somewhat interested or not interested in attending a class?”

|                     |          |
|---------------------|----------|
| Very interested     | 20%      |
| Somewhat interested | 35       |
| Not interested      | 43       |
| Not sure            | <u>2</u> |
|                     | 100%     |

~~~~~



### 6.11 Non-Motorized Watercraft Ownership and Attitudes

Thirty-four percent of Arizona boat owners indicate they also own at least one of four non-motorized watercraft tested: raft (19%), kayak (15%), stand-up paddle board (9%), canoe (9%).

TABLE 40: NON-MOTORIZED WATERCRAFT OWNERSHIP

(AMONG ARIZONA BOATERS ONLY)

“Next, do you own any of the following non-motorized watercraft?”

	<u>% YES</u>
Raft	19%
Kayak	15
Stand up paddle board	9
Canoe	9
<b>ANY OF ABOVE</b>	<b>34%</b>

A majority of Arizona boat owners (53%) indicate that they have seen more of the four non-motorized watercraft under discussion on Arizona’s lakes and rivers over the past year or two.

TABLE 41: VOLUME OF NON-MOTORIZED WATERCRAFT ON ARIZONA WATERWAYS

“Thinking about the non-motorized watercraft I just mentioned, have you seen more, about the same, or fewer of them on Arizona’s lakes and rivers over the past year or two?”

More	53%
Same	33
Fewer	9
Not sure	<u>5</u>
	100%

~~~~~

Continuing with this line of questioning, 81 percent of Arizona boat owners feel that the non-motorized watercraft under discussion have had no impact on their personal recreation experiences. In comparison, 12 percent say they have had a positive impact and seven percent a negative impact.

**TABLE 42: IMPACT OF NON-MOTORIZED WATERCRAFT ON PERSONAL RECREATION EXPERIENCE**

“And have these types of non-motorized watercraft been having a positive, a negative or no impact on your personal recreation experiences?”

|          |           |
|----------|-----------|
| Positive | 12%       |
| Negative | 7         |
| None     | <u>81</u> |
|          | 100%      |

(AMONG THOSE EXPERIENCING POSITIVE/NEGATIVE IMPACT)

“How have they had a (positive/negative) impact?”

POSITIVE IMPACTS

|                                                               |       |
|---------------------------------------------------------------|-------|
| Enjoy seeing people at the lake                               | 31%   |
| I enjoy using them                                            | 27    |
| Attracts more people to lake/river                            | 21    |
| Environmental benefits – don’t pollute, no noise              | 11    |
| Attract friendly, calm people who don’t interfere with others | 10    |
| Good exercise                                                 | 6     |
| Affordable                                                    | 3     |
| (BASE)                                                        | (178) |

NEGATIVE IMPACTS

|                                 |       |
|---------------------------------|-------|
| Get in the way, hard to see     | 64%   |
| Don’t follow rules, regulations | 32    |
| Cause crowding                  | 6     |
| No lights at night              | 5     |
| (BASE)                          | (100) |

~~~~~

## 7.0 APPENDIX

### 7.1 SURVEY QUESTIONNAIRE

Hello, my name is \_\_\_\_\_ and I'm calling for Behavior Research Center of Arizona. We're conducting a study for the Arizona Game and Fish Department on boating on Arizona lakes and rivers, and I'd like to talk to you for a few minutes about your \_\_\_\_\_ boat. Are you or is someone else in your household the primary user of your boat?

Arizona...1  
California...2  
Nevada...3  
Utah...4

IF RESPONDENT: CONTINUE.

IF SOMEONE ELSE: ASK TO SPEAK WITH THAT PERSON.  
IF NOT AVAILABLE, ARRANGE CALLBACK.

1. To start, was your boat used on Arizona lakes and rivers, including the Colorado River, during the past 30 days? For the purpose of this study, any location on the Colorado River or its various lakes is considered Arizona.

(GO TO Q3) Yes...1  
(GO TO Q2) No...2  
(GO TO Q2) Don't know/Refused...3

2. Did you use your boat on Arizona lakes and rivers including the Colorado River, any time during the past 12 months?

(GO TO Q2a) Yes...1  
(GO TO Q2b) No...2  
(GO TO Q2b) Don't know/Refused...3

2a. And on how many total days was your boat used on Arizona lakes and rivers including the Colorado River during the past 12 months?

NUMBER \_\_\_\_ / \_\_\_\_ / \_\_\_\_

(GO TO Q9)

2b. Was there any particular reason your boat wasn't used in Arizona?  
(RECORD ALL MENTIONS; DO NOT READ LIST)

Boat inoperable, broken down...01  
Expense, could not afford...02  
Too busy, no time...03  
Lost interest, prefer other recreational forms...04  
Out-of-state resident, use only in other state...05  
Don't know where to go...06  
Too far to go...07  
Too crowded...08  
\_\_\_\_\_ Other (PROBE & RECORD)...09  
Don't know/Refused...10

**THANK RESPONDENT AND TERMINATE**

3. How many days was your boat used on Arizona lakes and rivers, including the Colorado River, during the past 30 days?

NUMBER \_\_\_\_ / \_\_\_\_ / \_\_\_\_

(IF DON'T KNOW/REFUSED, GO TO Q10)

4. And on how many total days was your boat used on Arizona lakes and rivers including the Colorado River during the past 12 months?

NUMBER \_\_\_\_ / \_\_\_\_ / \_\_\_\_

5. Earlier you mentioned that you used your boat a total of (Q3 TOTAL) days in Arizona during the past 30 days. What I=d like you to tell me now is first, at which lakes or rivers, including the Colorado River you spent this time, and then second, how many days you spent at each lake or river you visited.
  - 5a. (FOR EACH LAKE/RIVER VISITED, ASK): When you visited (**LAKE/RIVER**) during the past 30 days, how many people, including yourself, were usually in your immediate boating party?

Colorado River and its lakes... (IF PERSON SIMPLY SAYS "COLORADO RIVER", PROBE FOR SPECIFIC LOCATION)

	<u>Q5</u> <u>DAYS</u>	<u>Q5a</u> <u>SIZE</u>		<u>Q5</u> <u>DAYS</u>	<u>Q5a</u> <u>SIZE</u>
01. Lake Powell .....	_____	_____	43. Horseshoe .....	_____	_____
02. Glen Canyon Dam to Lees Ferry .....	_____	_____	44. Horsethief Basin .....	_____	_____
03. Grand Canyon .....	_____	_____	45. Kaibab .....	_____	_____
04. Lake Mead .....	_____	_____	46. Kennedy .....	_____	_____
05. Lake Mohave ( <b>Hoover Dam to Davis Dam</b> ) .....	_____	_____	47. Kinnikinick.....	_____	_____
06. Davis Dam to Topock .....	_____	_____	48. Knoll.....	_____	_____
07. Topock Gorge .....	_____	_____	49. Lakeside .....	_____	_____
08. Lake Havasu.....	_____	_____	50. Lee Valley .....	_____	_____
09. Parker Strip ( <b>Parker Dam to Headgate Rock Dam</b> ).....	_____	_____	51. Little Bog.....	_____	_____
10. Headgate Rock Dam to Ehrenberg .....	_____	_____	52. Long.....	_____	_____
<b>11. Ehrenberg to the North End of Martinez Lake</b> .....	_____	_____	53. Luna.....	_____	_____
12. Martinez Lake to <b>Imperial Dam</b> .....	_____	_____	54. Lyman.....	_____	_____
13. Mittry Lake ( <b>Imperial Dam to Morels Dam</b> ) .....	_____	_____	55. Lynx.....	_____	_____
<u>Other Arizona Lakes</u>			56. Mexican Hay.....	_____	_____
14. Alamo .....	_____	_____	57. Mittry .....	_____	_____
15. Alford .....	_____	_____	58. Mormon .....	_____	_____
16. Apache .....	_____	_____	59. McCormick.....	_____	_____
17. Arivaca.....	_____	_____	60. Nelson Reservoir .....	_____	_____
18. Ashurst .....	_____	_____	61. Painted Rocks .....	_____	_____
19. Bartlett .....	_____	_____	62. Parker Canyon.....	_____	_____
20. Bear Canyon.....	_____	_____	63. Patagonia .....	_____	_____
21. Becker .....	_____	_____	64. Pena Blanca .....	_____	_____
22. Big .....	_____	_____	65. Picacho Reservoir .....	_____	_____
23. Black Canyon .....	_____	_____	66. Pleasant.....	_____	_____
24. Blue Ridge .....	_____	_____	67. Rainbow.....	_____	_____
25. Bunch Lake.....	_____	_____	68. Reservation .....	_____	_____
26. Canyon .....	_____	_____	69. Roosevelt.....	_____	_____
27. Cataract.....	_____	_____	70. Roper.....	_____	_____
28. Chapparal .....	_____	_____	71. Saguaro .....	_____	_____
29. Chevron .....	_____	_____	72. Salt River .....	_____	_____
30. Cholla .....	_____	_____	73. San Carlos.....	_____	_____
31. Concho .....	_____	_____	74. Scotts Reservoir .....	_____	_____
32. Cooley .....	_____	_____	75. Show Low .....	_____	_____
33. Clear Creek .....	_____	_____	76. Silverbell .....	_____	_____
34. Crescent.....	_____	_____	77. Squaw Lake .....	_____	_____
35. Dobson .....	_____	_____	78. Stoneman .....	_____	_____
36. Dog Town .....	_____	_____	79. Sunrise .....	_____	_____
37. Drift Fence .....	_____	_____	80. Tempe Town.....	_____	_____
38. Fire Bird .....	_____	_____	81. Upper Lake Mary .....	_____	_____
39. Fool=s Hollow .....	_____	_____	82. Verde River.....	_____	_____
40. Goldwater .....	_____	_____	83. Watson .....	_____	_____
41. Greer .....	_____	_____	84. Whitehorse .....	_____	_____
42. Hawley.....	_____	_____	85. White Mountain.....	_____	_____
_____	_____	_____	86. Willow Springs.....	_____	_____
			87. Woods Canyon .....	_____	_____
			88. Other (PROBE & RECORD)	_____	_____

6. Next, on how many separate trips was your boat used in Arizona during the past 30 days?

NUMBER: \_\_\_\_/\_\_\_\_/\_\_\_\_

7. And on approximately how many total trips was your boat used in Arizona during the past 12 months?

NUMBER: \_\_\_\_/\_\_\_\_/\_\_\_\_

8. On your last boating trip in Arizona during the past 30 days, how much money did you and the other members of your boating party spend on the following items? (READ EACH)

- A. For overnight lodging at hotels and motels ..... AMOUNT:     /    /    /
- B. At restaurants and bars ..... AMOUNT:     /    /    /
- C. For food and beverages purchased at retail stores ..... AMOUNT:     /    /    /
- D. For equipment rental, tackle, bait and gasoline..... AMOUNT:     /    /    /
- E. For entry fees or permits ..... AMOUNT:     /    /    /
- F. For gifts, souvenirs, clothing and other personal items ..... AMOUNT:     /    /    /
- G. For any other items directly related to your boating trip which I haven=t mentioned ..... AMOUNT:     /    /    /

(GO TO Q10)

9. You mention that you used your boat a total of (Q2a TOTAL) days in Arizona during the past 12 months. What I=d like you to tell me now is first, at which lakes or rivers, including the Colorado River, you spent this time, and then second, how many days you spent at each lake or river you visited.

9a. (FOR EACH LAKE/RIVER VISITED, ASK): When you visited (LAKE/RIVER) during the past 12 months, how many people, including yourself, were usually in your immediate boating party?

Colorado River and its lakes... (IF PERSON SIMPLY SAYS "COLORADO RIVER", PROBE FOR SPECIFIC LOCATION)

	<u>Q9</u> <u>DAYS</u>	<u>Q9a</u> <u>SIZE</u>		<u>Q9</u> <u>DAYS</u>	<u>Q9a</u> <u>SIZE</u>
01. Lake Powell .....	_____	_____	43. Horseshoe .....	_____	_____
02. Glen Canyon Dam to Lees Ferry .....	_____	_____	44. Horsethief Basin .....	_____	_____
03. Grand Canyon .....	_____	_____	45. Kaibab .....	_____	_____
04. Lake Mead .....	_____	_____	46. Kennedy .....	_____	_____
05. Lake Mohave ( <b>Hoover Dam to Davis Dam</b> ) .....	_____	_____	47. Kinnikinick.....	_____	_____
06. Davis Dam to Topock .....	_____	_____	.....	_____	_____
07. Topock Gorge .....	_____	_____	48. Knoll.....	_____	_____
08. Lake Havasu.....	_____	_____	49. Lakeside .....	_____	_____
09. Parker Strip ( <b>Parker Dam to Headgate Rock Dam</b> ).....	_____	_____	50. Lee Valley .....	_____	_____
10. Headgate Rock Dam to Ehrenberg .....	_____	_____	51. Little Bog.....	_____	_____
<b>11. Ehrenberg to the North End of Martinez Lake</b> .....	_____	_____	52. Long.....	_____	_____
12. Martinez Lake to <b>Imperial Dam</b> .....	_____	_____	53. Luna.....	_____	_____
13. Mittry Lake ( <b>Imperial Dam to Morels Dam</b> ) .....	_____	_____	54. Lyman.....	_____	_____
			55. Lynx .....	_____	_____
			56. Mexican Hay .....	_____	_____
			57. Mittry .....	_____	_____
			58. Mormon .....	_____	_____
			59. McCormick.....	_____	_____
			60. Nelson Reservoir .....	_____	_____
			61. Painted Rocks .....	_____	_____
			62. Parker Canyon.....	_____	_____
			63. Patagonia .....	_____	_____
			64. Pena Blanca .....	_____	_____
			65. Picacho Reservoir .....	_____	_____
			66. Pleasant.....	_____	_____
			67. Rainbow.....	_____	_____
			68. Reservation .....	_____	_____
			69. Roosevelt.....	_____	_____
			70. Roper.....	_____	_____
			71. Saguaro .....	_____	_____
			72. Salt River .....	_____	_____
			73. San Carlos.....	_____	_____
			74. Scotts Reservoir .....	_____	_____
			75. Show Low .....	_____	_____
			76. Silverbell.....	_____	_____
			77. Squaw Lake .....	_____	_____
			78. Stoneman .....	_____	_____
			79. Sunrise .....	_____	_____
			80. Tempe Town.....	_____	_____
			81. Upper Lake Mary .....	_____	_____
			82. Verde River.....	_____	_____
			83. Watson .....	_____	_____
			84. Whitehorse .....	_____	_____
			85. White Mountain.....	_____	_____
			86. Willow Springs.....	_____	_____
			87. Woods Canyon.....	_____	_____
			88. Other (PROBE & RECORD)	_____	_____

Other Arizona Lakes

14. Alamo .....	_____	_____
15. Alford .....	_____	_____
16. Apache .....	_____	_____
17. Arivaca.....	_____	_____
18. Ashurst .....	_____	_____
19. Bartlett .....	_____	_____
20. Bear Canyon.....	_____	_____
21. Becker .....	_____	_____
22. Big .....	_____	_____
23. Black Canyon .....	_____	_____
24. Blue Ridge.....	_____	_____
25. Bunch Lake.....	_____	_____
26. Canyon .....	_____	_____
27. Cataract.....	_____	_____
28. Chapparal .....	_____	_____
29. Cheylon .....	_____	_____
30. Cholla .....	_____	_____
31. Concho .....	_____	_____
32. Cooley .....	_____	_____
33. Clear Creek .....	_____	_____
34. Cresent .....	_____	_____
35. Dobson .....	_____	_____
36. Dog Town .....	_____	_____
37. Drift Fence .....	_____	_____
38. Fire Bird .....	_____	_____
39. Fool=s Hollow .....	_____	_____
40. Goldwater .....	_____	_____
41. Greer .....	_____	_____
42. Hawley.....	_____	_____





10. To which one Arizona lake or river, including the Colorado River, did you go most often during the past 12 months?

NAME/CODE: \_\_\_\_\_

11. Next, what would you say are the two or three most needed facilities at (LAKE/RIVER MENTIONED IN Q10)?

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

11a. And what would you say are the two or three most needed services at (LAKE/RIVER MENTIONED IN Q10)?

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

12. **(SQ-1)** Now I=d like to read you a list of various boating and water-based recreational facilities. As I do, please just tell me if you would rate each as excellent, good, only fair, or poor at (LAKE/RIVER MENTIONED IN Q10) If any of the facilities I mention aren=t located at (LAKE/RIVER MENTIONED IN Q10), please just say so. (ROTATE)

	Excel- lent	Good	Only Fair	Poor	Not Sure	NA/Are None
A. Launching ramps .....	1	2	3	4	5	6
B. Marinas with overnight docking spaces, boat rental, fuel, and boat repair, etc. ....	1	2	3	4	5	6
C. First aid stations .....	1	2	3	4	5	6
D. Campgrounds .....	1	2	3	4	5	6
E. Swimming beaches .....	1	2	3	4	5	6
F. Drinking water outlets .....	1	2	3	4	5	6
G. Parking facilities for boat trailers .....	1	2	3	4	5	6
H. Sanitary dump facilities .....	1	2	3	4	5	6
I. Informational signs .....	1	2	3	4	5	6
J. Picnic areas accessible by boat only .....	1	2	3	4	5	6
K. Boat gas docks .....	1	2	3	4	5	6
L. concessions that sell food, bait, drinks, tackle, etc. ....	1	2	3	4	5	6
M. Public restrooms .....	1	2	3	4	5	6
N. Campsites accessible by boat only .....	1	2	3	4	5	6
O. Picnic areas and facilities .....	1	2	3	4	5	6
P. Parking facilities for vehicles .....	1	2	3	4	5	6
Q. Access roads .....	1	2	3	4	5	6
R. Courtesy docks .....	1	2	3	4	5	6
S. Trash dumpsters accessible by boat .....	1	2	3	4	5	6
T. Fish cleaning station .....	1	2	3	4	5	6
U. Emergency telephones .....	1	2	3	4	5	6
V. Fishing piers.....	1	2	3	4	5	6

13. SQ-1) As you know, agencies such as the Game & Fish Department, County Sheriff=s offices and other agencies patrol Arizona=s lakes and rivers. For each of the following, please tell me whether you think at (LAKE/RIVER MENTIONED IN Q10) these agencies should be doing more than they are now, about what they are doing now, or less than they are doing now regarding... (ROTATE)

	More	Same	Less	Not Sure
A. Providing weather warnings.....	1	2	3	4
B. Stopping people who are boating while drunk .....	1	2	3	4
C. Marking submerged rocks and other hazards.....	1	2	3	4
D. Checking safety equipment on boats.....	1	2	3	4
E. Stopping boats with excessive noise .....	1	2	3	4
F. Patrolling active use areas.....	1	2	3	4
G. Providing rescue and emergency services .....	1	2	3	4
H. Providing navigational aids .....	1	2	3	4
I. Providing safety information on special hazards and conditions on the lake.....	1	2	3	4
J. Keeping boaters out of swimming or other restricted areas.....	1	2	3	4
K. Stopping people who overload their boat.....	1	2	3	4
L. Stopping people who are boating recklessly.....	1	2	3	4
M. Providing first-aid stations.....	1	2	3	4
N. Educating boaters on safe boating operations and procedures.....	1	2	3	4

14. (SQ-2) Next, the Arizona State Lake Improvement Fund, or SLIF, is a program designed to assist state and local governments in improving boating related resources and facilities. Were you aware of this program before I mentioned it just now?

Yes...1  
No...2  
Don=t know/Unsure...3

14a. (SQ-2) The SLIF program is funded with revenues from boat registration fees and motor fuel taxes and there are six water-based boating functions for which these funds might be used. As I read them to you, please just tell me if you feel each one is very important, somewhat important, not very important or not at all important. (ROTATE).

	Very	Some-what	Not Very	Not At All	Not Sure
A. The construction of water-based boating facilities such as marinas, launch ramps and piers .....	1	2	3	4	5
B. The purchasing of law enforcement and safety equipment such as patrol boats, radios and lights.....	1	2	3	4	5
C. The construction of recreation support facilities such as restrooms, campgrounds and picnic tables.....	1	2	3	4	5
D. The purchasing of shoreline property at lakes which can be used for boating access .....	1	2	3	4	5
E. The construction of first-aid stations and other safety facilities.....	1	2	3	4	5
F. The development of new lakes for boating use.....	1	2	3	4	5

15. (SQ-3) Next, do you strongly agree, agree, disagree or strongly disagree with each of the following statements? (ROTATE)

	Strongly Agree	Agree	Dis-agree	Strongly Disagree	Not Sure
A. My favorite Arizona lake is too crowded when I want to use it.....	1	2	3	4	5
B. My favorite Arizona lake needs additional primitive type campgrounds with only drinking water and pit toilets.....	1	2	3	4	5
C. Laws and regulations are being adequately enforced at my favorite Arizona lake .....	1	2	3	4	5
D. The launch ramps at my favorite lake are too crowded when I want to use them .....	1	2	3	4	5
E. My favorite Arizona lake needs additional developed campgrounds with flush toilets and hot showers .....	1	2	3	4	5
F. All occupants of a boat should be required to wear life jackets at all times while underway, not just persons 12 years of age or under which is the current law.....	1	2	3	4	5
G. I would support designating special areas for use only by jet skis.....	1	2	3	4	5
H. Arizona lakes should have education centers to provide the public with opportunities to learn about boating safety.....	1	2	3	4	5
I. My favorite Arizona lake needs additional full hookup campsites with water and electricity for recreational vehicles.....	1	2	3	4	5
J. Boat operators in Arizona should be required to obtain a license similar to the drivers license required for auto-mobile drivers.....	1	2	3	4	5
K. Violators of Arizona boating laws should be required to take a boating safety class .....	1	2	3	4	5
L. All boat operators in Arizona should be required to complete a mandatory boating education class prior to operating a motorized watercraft .....	1	2	3	4	5
M. The minimum age for motorized boat operators in Arizona should be 16 years of age, not the current 12 years of age .....	1	2	3	4	5
N. Rental boat operators in Arizona should be required to provide hands on training for their customers .....	1	2	3	4	5
O. I often experience conflicts with other lake users at my favorite Arizona lake .....	1	2	3	4	5
P. The number of people using a lake should be restricted during high use periods.....	1	2	3	4	5
Q. I would support a maximum speed limit on Arizona lakes .....	1	2	3	4	5

16. (SQ-3) Next, what is your single favorite boating activity on a typical boating trip?

- Water skiing...01
- Fishing...02
- General pleasure boating...03
- Jet skiing...04
- Swimming...05
- Knee boarding...06
- Tubing or rafting...07
- Picnicking...08
- Camping...09
- Personal transportation...10
- Sailing...11
- Sunbathing...12
- Canoeing/Kayaking...13
- Other (PROBE)...14
- Don't know/Not sure...15

16a. (SQ-3) And what other boating activities do you enjoy on a typical boating trip?

- Water skiing...01
- Fishing...02
- General pleasure boating...03
- Jet skiing...04
- Swimming...05
- Knee boarding...06
- Tubing or rafting...07
- Picnicking...08
- Camping...09
- Personal transportation...10
- Sailing...11
- Sunbathing...12
- Canoeing/Kayaking...13
- Other (PROBE)...14
- Don't know/Not sure...15

17. Next, there has been discussion lately about the appearance of the Quagga (QWA-GA) mussel in Arizona and its negative impact on the State's lakes and rivers. Would you say you have heard or read a lot, some, only a little or nothing at all about the Quagga mussel?

- A lot...1
- (GO TO 17a) Some...2
- Only a little...3
- (GO TO NEXT INSTRUCTION) Nothing at all...4
- Not sure...5

17a. Do you feel the Quagga mussel is a major threat, a minor threat or not a threat to Arizona's lakes and rivers?

- Major threat...1
- Minor threat...2
- Not a threat...3
- Not sure...4

(IF ARIZONA WATERCRAFT, GO TO Q18; OTHERWISE TO TO Q22)

18. Have you ever taken a boating safety class in Arizona?

- (GO TO 18a) Yes...1
- (GO TO Q 18b) No/Not sure...2

18a. What was the most useful thing you learned in the class?

---

(GO TO Q19)

18b. If free boating safety classes were offered in your area, would you be very interested, somewhat interested or not interested in attending a class?

- Very...1
- Somewhat...2
- Not...3
- Not sure...4

19. Next, do you own any of the following non-motorized watercraft? (READ EACH)

	<u>Yes</u>	<u>No</u>
A. A stand up paddle board.....	1	2
B. A kayak .....	1	2
C. A canoe.....	1	2
D. A raft .....	1	2

20. Thinking about the non-motorized watercraft I just mentioned, have you seen more, about the same, or fewer of them on Arizona=s lakes and rivers over the past year or two?

More...1  
Same...2  
Fewer...3  
Not sure...4

21. And have these types of non-motorized watercraft been having a positive, a negative or no impact on your personal recreation experiences?

(GO TO Q21a) Positive...1  
(GO TO Q22) Negative...2  
None...3  
Not sure...4

21a. How have they had a (positive/negative) impact?

\_\_\_\_\_

22. And finally, what county do you live in?

COUNTY: \_\_\_\_/\_\_\_\_/\_\_\_\_

Thank you very much, that completes this interview. My supervisor may want to call you to verify that I conducted this interview so may I have your first name so that they may do so? (VERIFY PHONE NUMBER)

NAME: \_\_\_\_\_ PHONE#: (\_\_\_\_) \_\_\_\_\_

**ADMINISTRATIVE DATA:**

INTERVIEWER NAME: \_\_\_\_\_ #: \_\_\_\_\_

VALIDATED BY: \_\_\_\_\_ #: \_\_\_\_\_

CODED BY: \_\_\_\_\_ #: \_\_\_\_\_

FROM SAMPLE: \_\_\_\_\_

BOAT CLASS: \_\_\_\_\_