



OHIO RIVER VALLEY RESIDENTS' RIVER-BASED RECREATION AND CONSUMPTION OF FRESHWATER FISH

**Conducted for the Ohio River Valley Water Sanitation Commission
by Responsive Management**

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EXECUTIVE SUMMARY

This study was conducted for the Ohio River Valley Water Sanitation Commission (ORSANCO) to determine the amounts and types of contact recreational activities on and in the Ohio River, the numbers of participants and events, days of participation, motivations for and constraints to participation, fish consumption amounts and rates, awareness of fish advisories, and reasons for not eating fish. The data quantifies contact recreational use for various segments of the river and will be used to assist ORSANCO in developing appropriate provisions relating to the contact recreation use of the Ohio River during wet weather as well as human health ambient water quality criteria.

The study entailed recreation intercepts (i.e., surveys administered on-site to recreationists on and at the Ohio River), field observations of river-based activities, and a telephone survey of residents of the Ohio River Valley. The intercepts, observations, and telephone survey examined participation in specific activities that were most likely to result in primary or secondary contact with water from the Ohio River.

For the purposes of this study, primary contact recreation consists of the following activities that may result in full body immersion in and/or ingestion of water:

- o swimming
- o waterskiing or wakeboarding
- o tubing
- o diving
- o operating a personal watercraft (PWC)
- o kayaking.

Secondary contact recreation consists of the following activities that may result in incidental contact with water but not full body immersion in, nor ingestion of, water:

- o wading
- o fishing
- o hunting (telephone survey only)
- o power boating (not including PWC)
- o canoeing
- o sailing

As indicated above, one phase of the study entailed recreation intercepts on and at the Ohio River. Intercepts entail having a researcher on-site ask access site users to complete a short paper survey. They were conducted from July 2008 through April 2009, between the hours of 6:30 a.m. and 9:00 p.m. The intercept survey questionnaire was developed cooperatively by Responsive Management and ORSANCO. Each intercept included notation of the primary and secondary contact recreation activities that the respondent had participated in or was going to participate in that day. The intercepts also included interviews with children (with parental permission), and the children's data are included in the activity counts based on the intercept data.

There were 49 sites sampled along the 981 miles of the Ohio River, and data was collected from 43 identified sites with four intercepts completed at unknown sites. Sites were selected by randomly selecting one public river access site, such as a dock, landing, ramp, bank, or marina, located in every other ten-mile segment of the Ohio River. The intercepts were conducted on different days of the week and at different times of the day to increase the opportunity for river users to be intercepted and to avoid bias toward those who use the river on a certain day of the week or during a certain time of day. Each selected intercept site was sampled twice (i.e., each site had two intercept *events*), with the day of the week and the time of day differing for each intercept event. In addition, the ten-mile river segments sampled were alternated each week among the Upper River, Middle River, and Lower River Regions to ensure that Upper, Middle, and Lower River sites were sampled throughout the season.

A second phase of the study entailed observations of river activities and participants. The methodology for the observations was to have researchers spend a set amount of time at various access sites and observe the river activities. Observations were conducted from July 2008 through April 2009 between the hours of 6:30 a.m. and 9:00 p.m. Observations included notations of observed participation in primary and secondary contact recreation activities. Additionally, the observation data included children in its activity counts.

There were 52 sites sampled along the 981 miles of the Ohio River. The sampling plan was identical to the sampling plan for the intercepts, and observations and intercepts were conducted

concurrently. Therefore, observations were conducted on different days of the week, at different times of the day, and each selected observation site was sampled twice in non-consecutive weeks.

The third phase of the study entailed a survey of adult residents of the Ohio River Valley. For this survey, telephones were selected as the preferred sampling medium because of the universality of telephone ownership. The telephone survey included questions about the following primary and secondary contact recreation activities, and data on other river-based activities were collected.

To obtain data about Ohio River recreation, the research team chose to focus the telephone survey on a ribbon of land 50 miles wide extending along the entire length of the river (25 miles from the river on each side, referred to as the “Inner Ribbon”). A secondary focus was a 200-mile ribbon of land, excluding the Inner Ribbon, along the river length (the area from 26 to 100 miles from the river on both sides, referred to as the “Outer Ribbon”). This design ensured that a large proportion of Ohio River recreationists would be eligible for the survey. The sample was created using random digit dialing of households within the study area, properly proportioned to match the actual adult populations of the counties. The telephone survey questionnaire was developed cooperatively by Responsive Management and ORSANCO. The survey had a main questionnaire and then separate questionnaires for each activity.

The survey was conducted from December 2008 through February 2009. Telephone survey interviews were conducted Monday through Friday from 9:00 a.m. to 9:00 p.m., Saturday from noon to 5:00 p.m., and Sunday from 5:00 p.m. to 9:00 p.m., local time. A five-callback design was used to maintain the representativeness of the sample, to avoid bias toward people easy to reach by telephone, and to provide an equal opportunity for all to participate. The software used for data collection was QPL.

Responsive Management obtained a total of 5,102 completed interviews, broken down as follows:

- 3,865 interviews of residents of counties within 25 miles of the Ohio River (the Inner Ribbon)
- 1,237 interviews of residents of counties that are located between 26 and 100 miles from the Ohio River (the Outer Ribbon)
- Of the 3,865 interviews of Inner Ribbon residents, 499 interviews were conducted with Inner Ribbon residents who participated in contact recreation activities on or in the Ohio River in the past 12 months
- Of the 1,237 interviews of Outer Ribbon residents, 8 interviews were conducted with Outer Ribbon residents who participated in contact recreation activities on or in the Ohio River in the past 12 months

After the surveys were obtained by the interviewers, the Survey Center Managers and/or statisticians checked each completed survey to ensure clarity and completeness.

Throughout this report, findings of the telephone survey are reported at a 95% confidence interval. For the entire sample of adult residents of the 200-mile-wide study area, the sampling error is at most plus or minus 1.37 percentage points. Sampling error was calculated using a sample size of 5,102 and a population size of 19,842,405 study area adult residents.

The analysis of data was performed using Statistical Package for the Social Sciences software as well as proprietary software developed by Responsive Management. The telephone survey data were weighted by gender and age to match actual population proportions in the sampled counties.

Some of the most important results are presented in Executive Summary Tables 1 – 3 below.

Exec. Sum. Table 1. Summary of Participation Data in 2008-Adults

Ohio River Recreation - Adults						
		Number of Participants*	Number of Participants: All Activities*	Number of Events	Mean Number of Activities Per Person	Mean Number of Events Per Person
Total Contact Recreation		918,430	2,664,761	37,689,869	2.90	14.14
Total Primary Recreation		353,079	833,522	12,309,119	2.36	14.77
Total Secondary Recreation		750,867	1,831,239	25,380,749	2.44	13.86
Upper River Region	Region Total	374,224	716,502	9,554,829	1.91	13.34
	Primary Contact	133,343	192,663	2,243,811	1.44	11.65
	Secondary Contact	314,436	523,839	7,311,018	1.67	13.96
Middle River Region	Region Total	422,600	915,650	11,247,782	2.17	12.28
	Primary Contact	167,142	314,021	3,667,571	1.88	11.68
	Secondary Contact	319,809	601,629	7,580,211	1.88	12.60
Lower River Region	Region Total	121,606	408,528	7,573,102	3.36	18.54
	Primary Contact	52,594	137,707	3,347,199	2.62	24.31
	Secondary Contact	116,622	270,821	4,225,903	2.32	15.60
Unknown		--	624,080	9,202,482	--	14.75

* “Number of participants” includes people who may have participated in more than a single activity; a person who participated in more than one activity are counted as only 1 participant. “Number of participants: all activities” counts each person in each activity and then sums them (e.g., a person participating in 3 activities is counted as 3 participants). These definitions apply to the following two tables as well.

Exec. Sum. Table 2. Summary of Participation Data in 2008-Children

Ohio River Recreation - Children						
		Number of Participants*	Number of Participants: All Activities*	Number of Events	Mean Number of Activities Per Person	Mean Number of Events Per Person
Total Contact Recreation		288,937	482,982	3,741,679	1.67	7.75
Total Primary Recreation		130,129	180,996	1,395,266	1.39	7.71
Total Secondary Recreation		226,609	301,985	2,346,413	1.33	7.77
Upper River Region	Region Total	125,388	145,870	1,050,518	1.16	7.20
	Primary Contact	45,072	53,101	304,964	1.18	5.74
	Secondary Contact	106,232	92,769	745,555	0.87	8.04
Middle River Region	Region Total	135,137	284,866	2,226,724	2.11	7.82
	Primary Contact	57,657	112,066	916,688	1.94	8.18
	Secondary Contact	108,581	172,800	1,310,035	1.59	7.58
Lower River Region	Region Total	28,412	52,245	464,437	1.84	8.89
	Primary Contact	11,796	15,829	173,613	1.34	10.97
	Secondary Contact	27,400	36,416	290,823	1.33	7.99
Unknown		--	0	0	--	0

Exec. Sum. Table 3. Summary of Participation Data in 2008-Adults and Children Combined

Ohio River Recreation - Adults and Children Combined						
		Number of Participants*	Number of Participants: All Activities*	Number of Events	Mean Number of Activities Per Person	Mean Number of Events Per Person
Total Contact Recreation		1,207,367	3,147,743	41,431,547	2.61	13.16
Total Primary Recreation		483,208	1,014,519	13,704,385	2.10	13.51
Total Secondary Recreation		977,476	2,133,224	27,727,163	2.18	13.00
Upper River Region	Region Total	499,612	862,373	10,605,347	1.73	12.30
	Primary Contact	178,415	245,765	2,548,774	1.38	10.37
	Secondary Contact	420,668	616,608	8,056,573	1.47	13.07
Middle River Region	Region Total	557,737	1,200,516	13,474,505	2.15	11.22
	Primary Contact	224,799	426,087	4,584,259	1.90	10.76
	Secondary Contact	428,390	774,429	8,890,246	1.81	11.48
Lower River Region	Region Total	150,018	460,773	8,037,539	3.07	17.44
	Primary Contact	64,390	153,536	3,520,812	2.38	22.93
	Secondary Contact	144,022	307,237	4,516,726	2.13	14.70
Unknown		--	624,080	9,202,482	--	14.75

Notes regarding the data shown in Executive Summary Tables 1-3 above:

The total number of primary contact participants and the total number of secondary contact participants will not equal the total number of contact recreation participants because individuals could participate in more than one type of contact recreation.

The estimated numbers of participants for the Upper River, Middle River, and Lower River Regions were determined using the respondent's county of residence. The numbers of participants: all activities and the numbers of events (and the means) for the Upper, Middle, and Lower River Regions are based on the region in which the respondent participated. The calculations of the mean number of activities per person for the Upper, Middle, and Lower River Regions assumes that individuals participated in the same region in which they live.

The mean number of events includes participation in all activities. Based on the mean number of events and activities, the assumption was made that, if a participant used the Ohio River for 3 activities for a total of 15 times, this individual participates in each activity 5 times a year.

Secondary contact recreation activities appear to be more popular with more total participants and more total events than for primary contact recreation activities among adults and children. However, the average (mean) number of activities per person and the average number of events per person are similar for primary contact recreation and secondary contact recreation with approximately 2 activities per person and approximately 13 events per person for either type of recreation.

The Middle River Region is the most popular portion of the river for recreation activities overall. However, the Lower River Region has the highest average (mean) number of activities per person and average number of events per person for adults and children combined with approximately 3 activities per person and 17 events per person for all contact recreation.

Mile segments 0 to 50 and 451 to 500 have the highest rates of contact recreation among all 50-mile segments: 11.2% of all contact recreation participation among adult and child participants combined occurred between miles 0 and 50 and 12.1% occurred between miles 451 and 500. These river segments also have the highest rates of activity when examining primary contact recreation and secondary contact recreation separately.

Fishing is the most popular activity with the greatest number of participants among adult and children combined, followed by power boating and swimming. Hunting is by far the least popular activity on or in the Ohio River with the least number of participants; not including hunting, sailing and diving are the least popular contact recreation activities. Each activity is summarized in Executive Summary Table 4 below.

Exec. Sum. Table 4. Summary of Location of River Activities

Activity	River Region with Most Participation	River Mile Segment with Most Participation
Swimming	Middle River Region	451 to 500 and 551 to 600
Waterskiing / wakeboarding	Middle River Region	0 to 50 and 451 to 500
Tubing	Middle River Region	0 to 50 and 451 to 500
Diving	Middle River Region	451 to 500
Operating a personal watercraft	Middle River Region	451 to 500
Kayaking	Upper River Region	0 to 50
Wading	Middle River Region	351 to 400 and 551 to 600
Fishing	Split between the Upper and Middle River Regions	0 to 50
Hunting	Lower River Region	901 to 950
Power boating	Middle River Region	0 to 50 and 451 to 500
Canoeing	Middle River Region	451 to 500
Sailing activities	Middle River Region	451 to 500, 551 to 600, and 751 to 800

Not including hunting, participation in all contact recreation activities peaked substantially from June to August. For all recreation, primary recreation, secondary recreation and most named activities, the greatest total number of events occurred during the month of July. However, peak activity varied slightly for a few activities: operating a personal watercraft (the greatest number of events occurred in June), diving (August), and canoeing (August). While sailing did peak in June and July with the greatest number of events in July, total number of sailing events fell substantially in August but increased again in September. Hunting peaked from November to December.

The large majority who has children living in their household indicated that none of the children participated in activities on or in the Ohio River in the past 12 months. Among those who did have children who participated in activities on or in the Ohio River, fishing and power boating were the most commonly reported activities among children, followed by swimming.

Executive Summary Table 5 shows fish consumption totals for 2008. Executive Summary Table 6 shows the “90th percentile” data.

Exec. Sum. Table 5. Summary of Fish Consumption Data in 2008

	All Freshwater Fish (in grams)		Ohio River Freshwater Fish (in grams)	
	Inner Ribbon	Inner and Outer Ribbon Combined*	Inner Ribbon	Inner and Outer Ribbon Combined*
Estimated total grams eaten <i>annually</i>	38,293,917,082	48,408,361,065	4,712,166,082	5,985,916,976
Estimated total grams eaten <i>daily</i>	104,914,841	132,625,647	12,910,044	16,399,773
Mean number of grams eaten <i>daily</i>	14.97	--	1.63	--

*Sample size for Outer Ribbon too small to report data for fish consumption reliably.

Exec. Sum. Table 6. Estimated Mean, Median, and 90th Percentile of Fish Consumed Daily Per Person in 2008 Among Those Residing in the Inner Ribbon

Inner Ribbon	All Freshwater Fish (in grams)			Ohio River Freshwater Fish (in grams)		
	Mean	Median	90th Percentile*	Mean	Median	90th Percentile*
Upper Region	13.19	2.80	33.55	0.90	0	0
Middle Region	15.94	7.46	37.28	1.50	0	0
Lower Region	15.39	7.46	39.15	3.07	0	9.32
Inner Ribbon Total	14.97	6.52	37.28	1.63	0	1.86

*90th Percentile: 90% of those who reside within 25 miles of the Ohio River consumed the number of grams indicated or less per person per day in 2008.

The most commonly consumed Ohio River fish types are catfish, crappie, and bass. A little more than a third of Inner Ribbon residents (35%) indicated being aware of fish consumption advisories for the Ohio River. Among river activity participants, awareness of fish consumption advisories stands at 51%. Concern about possible contamination is the top reason that respondents who did not eat any Ohio River fish gave for not eating Ohio River fish.

The intercept and observation data were compared to the telephone survey data as a crosscheck to help assess the utility of the telephone survey data. In general, the data sources agree within acceptable tolerance. In general, among those who had participated in a river-based activity, the intercept survey respondents tended to be older than the telephone survey respondents. Additionally, a greater proportion of intercept survey respondents were male, when compared to the telephone survey.

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INTRODUCTION AND METHODOLOGY

PURPOSE OF STUDY

This study was conducted for the Ohio River Valley Water Sanitation Commission (ORSANCO) to determine the amounts and types of contact recreational activities on and in the Ohio River, the numbers of participants and events, days of participation, motivations for and constraints to participation, fish consumption amounts and rates, awareness of fish advisories, and reasons for not eating fish. The data quantifies contact recreational use for various segments of the river and will be used to assist ORSANCO in developing appropriate provisions relating to the contact recreation use of the Ohio River during wet weather as well as human health ambient water quality criteria. The study entailed recreation intercepts (i.e., surveys administered on-site to recreationists on and at the Ohio River), field observations of river-based activities, and a telephone survey of residents of the Ohio River Valley.

The intercepts, observations, and telephone survey examined participation in specific activities that were most likely to result in primary or secondary contact with water from the Ohio River. For the purposes of this study, primary contact recreation consists of the following activities that may result in full body immersion in and/or ingestion of water: swimming, waterskiing or wakeboarding, tubing, diving, operating a personal watercraft (PWC), and kayaking. Secondary contact recreation consists of the following activities that may result in incidental contact with water but not full body immersion in, nor ingestion of, water: wading, fishing, hunting (telephone survey only), power boating (not including PWC), canoeing, and sailing.

Specific aspects of the research methodology are discussed below.

INTERCEPTS

One phase of the study entailed recreation intercepts on and at the Ohio River. Intercepts entail having a researcher on-site ask access site users to complete a short paper survey. The intercepts were conducted from July 2008 through April 2009. The intercepts were conducted between the hours of 6:30 a.m. and 9:00 p.m.

One important use of the intercept data was to crosscheck the telephone survey data. A discussion of the results of this triangulation of the three study methodologies is included in the body of the report.

Intercept Questionnaire Design

The intercept survey questionnaire was developed cooperatively by Responsive Management and ORSANCO. The questionnaire was printed on one sheet of standard letter (8-1/2" by 11") paper and was double-sided, requiring respondents to answer questions on both sides of the paper.

Each intercept included notation of the following primary contact recreation activities that the respondent had participated in or was going to participate in that day: swimming, waterskiing or wakeboarding, tubing, diving, operating a personal watercraft, and kayaking. Each intercept included notation of the following secondary contact recreation activities that the respondent had participated in or was going to participate in that day: wading, fishing, power boating (not including PWC), canoeing, and sailing. The intercept questionnaire is shown in Appendix A.

The intercepts obtained data about specific activities for the day of the intercept only. Each intercept included data about specific activities only at that particular access site at which the intercept was conducted. The intercepts included questions about general participation in activities involving full-body immersion (i.e., primary contact recreation activities) and activities involving incidental contact with the water (i.e., secondary contact recreation activities) within the past 12 months.

The intercepts included interviews with children (with parental permission), and the children's data are included in the activity counts based on the intercept data. The intercept data included county and state of residence of river users, as well as gender.

Data Entry of Intercept Surveys

The intercepts were entered into a database by data entry personnel with knowledge of outdoor recreation and natural resource nomenclature. The data entry was managed using Questionnaire

Programming Language (QPL), software specifically designed for quantitative data collection and surveying.

Sampling Plan for Intercept Survey

There were 49 sites sampled along the 981 miles of the Ohio River, and data was collected from 43 identified sites with four intercepts completed at unknown sites. Sites were selected by randomly selecting one public river access site, such as a dock, landing, ramp, bank, or marina, located in every other ten-mile segment of the Ohio River. For ten-mile segments with more than one public access site, one site was randomly selected with each site having an equal chance of being selected. For example, one site was randomly selected between mile 0 and mile 10 on the River, no sites were selected between mile 11 and mile 20, and another site was randomly selected between mile 21 and mile 30. The intercept sites are shown in Table. 1.

The intercepts were conducted on different days of the week and at different times of the day to increase the opportunity for river users to be intercepted and to avoid bias toward those who use the river on a certain day of the week or during a certain time of day. Each selected intercept site was sampled twice, which is two intercept events, with the day of the week and the time of day differing for each intercept event. Days of the week were grouped into four categories:

1) Monday; 2) Tuesday, Wednesday, and Thursday; 3) Friday; and 4) Saturday and Sunday.

Each selected site was sampled for two different day categories. The overall sampling process was designed so that all intercept events would be distributed across the categories in the following manner: 1) one-seventh of the total intercept events would occur on a Monday; 2) three-sevenths would occur on a Tuesday, Wednesday, or Thursday; 3) one-seventh would occur on a Friday; and 4) two-sevenths would occur on a Saturday or Sunday. Intercept events were conducted in 4-hour segments, which were categorized as morning, afternoon, or evening. Each selected site was sampled for two different time categories.

In addition to varying the days and the times of day for intercept events, the ten-mile segments sampled were alternated each week among the Upper River, Middle River, and Lower River Regions. Therefore, one week all intercept events were performed in the Upper River Region, the following week all intercept events were performed in the Middle River Region, and during

the third week all intercept events were performed in the Lower River Region. Following a complete rotation through all of the regions, the process began again on the Upper River. The rotation was established to ensure that Upper, Middle, and Lower River sites were sampled throughout the season.

Table 1. Intercept Sample Sites

Site	Section of the River (50-Mile Increments)	Region	County	State	Total No. Sampled
Angel Mounds	Mile 751-800	Lower	Vanderburg	IN	6
Atkinson	Mile 801-850	Lower	Henderson	KY	1
Augusta	Mile 401-450	Middle	Bracken	KY	5
Belpre	Mile 151-200	Upper	Washington	OH	3
Blue River	Mile 651-700	Middle	Crawford	IN	7
California	Mile 401-450	Middle	Cambell	KY	1
Carrollton	Mile 501-550	Middle	Carroll	KY	8
Caseyville	Mile 851-900	Lower	Union	KY	9
Dyer Creek	Mile 901-950	Lower	Livingston	KY	1
East Liverpool	Mile 1-50	Upper	Beaver	PA	5
Elizabethtown	Mile 851-900	Lower	Hardin	IL	4
Falls of the Ohio State Park	Mile 601-650	Middle	Clark	IN	4
Forked Run (ODNR)	Mile 201-250	Upper	Meigs	PA	1
Fort Massac	Mile 901-950	Lower	Massac	IL	8
Grandview	Mile 701-750	Lower	Spencer	IN	4
Green Bottom	Mile 251-300	Upper	Cabell	WV	1
Greenwood Road	Mile 601-650	Middle	Hardin	KY	3
Huntington	Mile 301-350	Upper	Cabell	WV	3
Ironton	Mile 301-350	Upper	Lawrence	OH	2
Madison	Mile 551-600	Middle	Jefferson	IN	5
Mason	Mile 201-250	Upper	Mason	WV	1
Mauckport	Mile 601-650	Middle	Harrison	IN	2
Maysville	Mile 401-450	Middle	Mason	KY	2
Maysville River Park	Mile 401-450	Middle	Mason	KY	1
Monaca	Mile 1-50	Upper	Beaver	PA	7
Monroe County	Mile 101-150	Upper	Monroe	OH	5
Moundsville	Mile 101-150	Upper	Marshall	WV	5
Mt. Vernon	Mile 801-850	Lower	Posey	IN	2
New Albany Public Ramp	Mile 601-650	Middle	Floyd	IN	1
Ohio Brush Creek Ramp	Mile 351-400	Upper	Adams	OH	1
Olmstead	Mile 951-980	Lower	Pulaski	IL	5
Portsmouth	Mile 351-400	Middle	Scioto	OH	2
Ravenswood	Mile 201-250	Upper	Jackson	WV	3
Rayland Marina	Mile 51-100	Upper	Jefferson	OH	2
Rising Sun Marina	Mile 501-550	Middle	Ohio	IN	1
Rome	Mile 351-400	Middle	Adams	OH	1
Schmidt Field	Mile 451-500	Middle	Hamilton	OH	23
Sewickley	Mile 1-50	Upper	Alleghany	PA	4
Sistersville	Mile 101-150	Upper	Tyler	WV	1
Uniontown Ferry	Mile 801-850	Lower	Union	KY	3
Warsaw	Mile 501-550	Middle	Gallatin	KY	2
Wheelerburg	Mile 301-350	Upper	Scioto	OH	7
Williamstown	Mile 151-200	Upper	Wood	WV	2
Don't know / did not give an answer	Unknown	--	--	--	4

OBSERVATIONS

A second phase of the study entailed observations of river activities and participants. The methodology for the observations was to have researchers spend a set amount of time at various access sites and observe the river activities. Observations were conducted from July 2008 through April 2009 between the hours of 6:30 a.m. and 9:00 p.m.

Observations included notations of observed participation in primary and secondary contact recreation activities. During observations researchers made a notation of participation in the following boating and watercraft-related activities, for which researchers could check *only one* that the observed was doing at that time (as they are mutually exclusive): power boating (other than personal watercraft), operating a personal watercraft, sailing, canoeing, or kayaking. Next, researchers could also check as many of the following activities that also applied: waterskiing or wakeboarding, tubing, swimming, diving, wading, and fishing. The observation form is shown in Appendix B.

The observation data were entered into a database by Responsive Management's statisticians. The observations provided data about that day of the observation only. Each observation form included data only about that particular access site at which the observation was made.

The observation data included children in its activity counts. The observation data did *not* include data on the river users' counties and states of residence, as this could not be determined by observation only. The observation data included gender, when it could be determined. The observation data included data on barges, tour boats, and other commercial boats, although they were *excluded* from the calculations of participants and events. These data are included as Appendix C. The observation data did *not* include data on hunting waterfowl along the river.

An important use of the data from the observations was to crosscheck the telephone survey data. As previously noted, a discussion of the results of the triangulation of the three study methodologies is included in the body of the report.

There were 52 sites sampled along the 981 miles of the Ohio River. The sampling plan was identical to the sampling plan for the intercepts, and observations and intercepts were conducted concurrently. Sites for observations and intercepts were selected by randomly selecting one public river access site, such as a dock, landing, ramp, bank, or marina, located in every other ten-mile segment of the Ohio River. For ten-mile segments with more than one public access site, one site was randomly selected with each site having an equal chance of being selected. The observation sites are shown in Table 2.

The observations were conducted on different days of the week and at different times of the day to increase the opportunity for river users to be observed and to avoid bias toward those who use the river on a certain day of the week or during a certain time of day. Each selected observation site was sampled twice, which is two observation events, with the day of the week and the time of day differing for each observation event. Days of the week were grouped into four categories: 1) Monday; 2) Tuesday, Wednesday, and Thursday; 3) Friday; and 4) Saturday and Sunday. Each selected site was sampled for two different day categories. The overall sampling process was designed so that all observation events would be distributed across the categories in the following manner: 1) one-seventh of the total intercept events would occur on a Monday; 2) three-sevenths would occur on a Tuesday, Wednesday, or Thursday; 3) one-seventh would occur on a Friday; and 4) two-sevenths would occur on a Saturday or Sunday. Observations were conducted in 4-hour segments, which were categorized as morning, afternoon, or evening. Each selected site was sampled for two different time categories.

In addition to varying the days and the times of day for observation events, the ten-mile segments sampled were alternated each week among the Upper River, Middle River, and Lower River Regions. Therefore, one week all observations were performed in the Upper River Region, the following week all observations were performed in the Middle River Region, and during the third week all observations were performed in the Lower River Region. Following a complete rotation through all of the regions, the process began again on the Upper River. The rotation was established to ensure that Upper, Middle, and Lower River sites were sampled throughout the season.

Table 2. Observation Sample Sites

Site	Section of the River (50-Mile Increments)	Region	County	State	Total No. Observed
Angel Mounds	Mile 751-800	Lower	Vanderburg	IN	97
Atkinson	Mile 801-850	Lower	Henderson	KY	115
Augusta	Mile 401-450	Middle	Bracken	KY	28
Aurora	Mile 451-500	Middle	Dearborn	IN	58
Belpre	Mile 151-200	Upper	Washington	OH	42
Birdsville	Mile 901-950	Lower	Livingston	KY	11
Blue River	Mile 651-700	Middle	Crawford	IN	41
California	Mile 401-450	Middle	Cambell	KY	123
Carrollton	Mile 501-550	Middle	Carroll	KY	138
Caseyville	Mile 851-900	Lower	Union	KY	42
Dyer Creek	Mile 901-950	Lower	Livingston	KY	4
East Liverpool	Mile 1-50	Upper	Beaver	PA	50
Elizabethtown	Mile 851-900	Lower	Hardin	IL	21
Falls of the Ohio State Park	Mile 601-650	Middle	Clark	IN	6
Forked Run (ODNR)	Mile 201-250	Upper	Meigs	PA	9
Fort Massac	Mile 901-950	Lower	Massac	IL	51
Gallipolis	Mile 251-300	Upper	Gallia	OH	13
Golconda Marina	Mile 901-950	Lower	Hope	IL	53
Grandview	Mile 701-750	Lower	Spencer	IN	21
Green Bottom	Mile 251-300	Upper	Cabell	WV	41
Greenwood Road	Mile 601-650	Middle	Hardin	KY	46
Huntington	Mile 301-350	Upper	Cabell	WV	26
Ironton	Mile 301-350	Upper	Lawrence	OH	58
Little Hurricane Island Ramp	Mile 751-800	Lower	Daviess	KY	9
Madison	Mile 551-600	Middle	Jefferson	IN	69
Magnet	Mile 651-700	Middle	Perry	IN	20
Mason	Mile 201-250	Upper	Mason	WV	13
Mauckport	Mile 601-650	Middle	Harrison	IN	13
Maysville	Mile 401-450	Middle	Mason	KY	62
Monaca	Mile 1-50	Upper	Beaver	PA	30
Monroe County	Mile 101-150	Upper	Monroe	OH	24
Moundsville	Mile 101-150	Upper	Marshall	WV	31
Mt. Vernon	Mile 801-850	Lower	Posey	IN	45
New Albany Public Ramp	Mile 601-650	Middle	Floyd	IN	23
Olmstead	Mile 951-980	Lower	Pulaski	IL	35
Pomeroy	Mile 201-250	Upper	Meigs	OH	9
Portsmouth	Mile 351-400	Middle	Scioto	OH	19
Ravenswood	Mile 201-250	Upper	Jackson	WV	9
Rayland Marina	Mile 51-100	Upper	Jefferson	OH	22
Rising Sun Marina	Mile 501-550	Middle	Ohio	IN	73
Rome, IN	Mile 701-750	Lower	Perry	IN	14
Rome, OH	Mile 351-400	Middle	Adams	OH	14
Schmidt Field	Mile 451-500	Middle	Hamilton	OH	226
Sewickley	Mile 1-50	Upper	Alleghany	PA	30
Sistersville	Mile 101-150	Upper	Tyler	WV	46
Steubenville	Mile 51-100	Upper	Jefferson	OH	16
Tell City	Mile 701-750	Lower	Perry	IN	14
Uniontown Ferry	Mile 801-850	Lower	Union	KY	17
Warsaw	Mile 501-550	Middle	Gallatin	KY	51
Westport	Mile 551-600	Middle	Oldham	KY	35
Wheelersburg	Mile 301-350	Upper	Scioto	OH	36
Williamstown	Mile 151-200	Upper	Wood	WV	113

TELEPHONE SURVEY

The third phase of the study entailed a survey of adult (i.e., 18 years old or older) residents of the Ohio River Valley. For this survey, telephones were selected as the preferred sampling medium because of the universality of telephone ownership. In addition, a central polling site at the Responsive Management office allowed for rigorous quality control over the interviews and data collection. The telephone survey included questions about the following primary contact recreation activities: swimming, waterskiing or wakeboarding, tubing, diving, operating a personal watercraft, and kayaking.. The telephone survey also included questions about the following secondary contact recreation activities: wading, fishing, hunting, power boating (not including PWC), canoeing, and sailing. Data on other river-based activities was collected as well. The survey was conducted from December 2008 through February 2009.

Telephone Survey Sampling Plan

To obtain data about Ohio River recreation, the research team chose to focus the telephone survey on a ribbon of land 50 miles wide extending along the entire length of the river (25 miles from the river on each side, referred to as the “Inner Ribbon”). A secondary focus was a 200-mile ribbon of land, excluding the Inner Ribbon, along the river length (the area from 26 to 100 miles from the river on both sides, referred to as the “Outer Ribbon”). This design ensured that a large proportion of Ohio River recreationists would be eligible for the survey. The study area was also broken down into three regions: The Upper, Middle, and Lower River Regions. The Upper River Region is the northern or upstream end of the river, and the Lower River Region is the southern or downstream end of the river with the Middle River Region consisting of the approximately one-third of the river between the Upper and Lower Regions. The telephone survey sample was designed to be proportional to the county populations both within the Inner Ribbon and the Outer Ribbon. Note that the telephone included only residents 18 years old or older, although the survey included questions about the participation in river-based activities of children living in the respondent’s household.

The sample was created using random digit dialing of households within the study area, properly proportioned to match the actual adult populations of the counties. The survey area is shown in Table 3, as well as the maps that follow (Figures 1 through 13). Table 3.1 shows the county, its

adult population from U.S. Census data, and the sampling plan number and actual number of adults sampled for each county. Table 3.2 shows the weighted sample for children (i.e., age 17 or younger). For the purposes of this study, the total number of children reported as living in households of adult survey respondents was used as the sample size. Table 3.3 shows the weighted sample for adults and children combined. Table 3 also shows the results broken down into the Inner and Outer Ribbons and then further broken down into the Upper, Middle, and Lower River Regions, as indicated.

The actual adult sample obtained matched the sampling plan within acceptable tolerance, and the results did not need to be weighted by location.

The number of respondents from the Inner Ribbon counties is shown in parentheses. (Those in the Outer Ribbon were not asked their county of residence unless they had participated in Ohio River-based recreation; therefore, the total numbers sampled from the Outer Ribbon counties were not determined.)

Table 3.1. Telephone Survey Sampling Plan and Actual Sample of Adults

State	County	Ribbon	Region	Census Population	Sample Plan Number (Actual Number Sampled)
INNER RIBBON—UPPER REGION					
OH	Athens County	Inner	Upper	50,812	20 (20)
OH	Belmont County	Inner	Upper	54,942	21 (24)
OH	Carroll County	Inner	Upper	21,584	8 (8)
OH	Columbiana County	Inner	Upper	84,807	33 (41)
OH	Gallia County	Inner	Upper	23,298	9 (15)
OH	Harrison County	Inner	Upper	12,209	5 (5)
OH	Jackson County	Inner	Upper	24,160	9 (3)
OH	Jefferson County	Inner	Upper	58,073	22 (25)
OH	Lawrence County	Inner	Upper	47,049	18 (25)
OH	Mahoning County	Inner	Upper	196,406	76 (80)
OH	Meigs County	Inner	Upper	17,554	7 (8)
OH	Monroe County	Inner	Upper	11,599	4 (2)
OH	Morgan County	Inner	Upper	11,129	4 (3)
OH	Noble County	Inner	Upper	10,878	4 (3)
OH	Vinton County	Inner	Upper	9,360	4 (2)
OH	Washington County	Inner	Upper	48,360	19 (25)
PA	Allegheny County	Inner	Upper	1,000,490	388 (308)
PA	Beaver County	Inner	Upper	140,350	54 (62)
PA	Butler County	Inner	Upper	131,235	51 (37)
PA	Fayette County	Inner	Upper	114,910	45 (42)
PA	Greene County	Inner	Upper	31,693	12 (17)
PA	Lawrence County	Inner	Upper	72,763	28 (30)
PA	Washington County	Inner	Upper	157,900	61 (53)

State	County	Ribbon	Region	Census Population	Sample Plan Number (Actual Number Sampled)
PA	Westmoreland County	Inner	Upper	288,763	112 (103)
WV	Brooke County	Inner	Upper	20,247	8 (13)
WV	Cabell County	Inner	Upper	77,382	30 (38)
WV	Calhoun County	Inner	Upper	5,884	2 (3)
WV	Doddridge County	Inner	Upper	5,550	2 (3)
WV	Hancock County	Inner	Upper	25,865	10 (14)
WV	Jackson County	Inner	Upper	21,243	8 (17)
WV	Kanawha County	Inner	Upper	157,435	61 (47)
WV	Lincoln County	Inner	Upper	16,899	7 (14)
WV	Marion County	Inner	Upper	44,927	17 (23)
WV	Marshall County	Inner	Upper	27,407	11 (20)
WV	Mason County	Inner	Upper	20,056	8 (11)
WV	Ohio County	Inner	Upper	37,331	14 (14)
WV	Pleasants County	Inner	Upper	5,728	2 (2)
WV	Putnam County	Inner	Upper	38,708	15 (15)
WV	Ritchie County	Inner	Upper	7,967	3 (3)
WV	Roane County	Inner	Upper	11,834	5 (3)
WV	Tyler County	Inner	Upper	7,361	3 (8)
WV	Wayne County	Inner	Upper	32,881	13 (17)
WV	Wetzel County	Inner	Upper	13,489	5 (9)
WV	Wirt County	Inner	Upper	4,381	2 (2)
WV	Wood County	Inner	Upper	67,758	26 (37)
INNER RIBBON—MIDDLE REGION					
IN	Clark County	Inner	Middle	73,096	32 (36)
IN	Crawford County	Inner	Middle	7,995	4 (7)
IN	Dearborn County	Inner	Middle	33,375	15 (24)
IN	Floyd County	Inner	Middle	52,535	23 (26)
IN	Franklin County	Inner	Middle	15,924	7 (9)
IN	Harrison County	Inner	Middle	25,419	11 (13)
IN	Jefferson County	Inner	Middle	23,980	11 (12)
IN	Jennings County	Inner	Middle	19,929	9 (6)
IN	Ohio County	Inner	Middle	4,226	2 (3)
IN	Orange County	Inner	Middle	14,346	6 (10)
IN	Ripley County	Inner	Middle	19,077	8 (6)
IN	Scott County	Inner	Middle	16,932	8 (10)
IN	Switzerland County	Inner	Middle	6,681	3 (2)
IN	Washington County	Inner	Middle	20,007	9 (11)
KY	Bath County	Inner	Middle	8,407	4 (1)
KY	Boone County	Inner	Middle	61,347	27 (24)
KY	Boyd County	Inner	Middle	38,912	17 (20)
KY	Bracken County	Inner	Middle	6,164	3 (6)
KY	Bullitt County	Inner	Middle	44,596	20 (29)
KY	Campbell County	Inner	Middle	65,899	29 (36)
KY	Carroll County	Inner	Middle	7,585	3 (1)
KY	Carter County	Inner	Middle	20,306	9 (9)
KY	Elliott County	Inner	Middle	5,036	2 (3)
KY	Fleming County	Inner	Middle	10,292	5 (2)
KY	Gallatin County	Inner	Middle	5,623	2 (0)
KY	Grant County	Inner	Middle	15,959	7 (12)
KY	Greenup County	Inner	Middle	28,192	13 (12)
KY	Hardin County	Inner	Middle	68,211	30 (28)
KY	Harrison County	Inner	Middle	13,486	6 (8)
KY	Henry County	Inner	Middle	11,240	5 (1)
KY	Jefferson County	Inner	Middle	525,333	233 (178)

State	County	Ribbon	Region	Census Population	Sample Plan Number (Actual Number Sampled)
KY	Kenton County	Inner	Middle	111,565	50 (53)
KY	Lawrence County	Inner	Middle	11,633	5 (6)
KY	Lewis County	Inner	Middle	10,522	5 (1)
KY	Mason County	Inner	Middle	12,747	6 (6)
KY	Meade County	Inner	Middle	18,510	8 (5)
KY	Nelson County	Inner	Middle	27,105	12 (8)
KY	Nicholas County	Inner	Middle	5,205	2 (0)
KY	Oldham County	Inner	Middle	33,534	15 (22)
KY	Owen County	Inner	Middle	7,853	3 (7)
KY	Pendleton County	Inner	Middle	10,306	5 (6)
KY	Robertson County	Inner	Middle	1,727	1 (2)
KY	Rowan County	Inner	Middle	17,619	8 (9)
KY	Shelby County	Inner	Middle	24,946	11 (6)
KY	Spencer County	Inner	Middle	8,595	4 (5)
KY	Trimble County	Inner	Middle	5,980	3 (8)
OH	Adams County	Inner	Middle	20,128	9 (15)
OH	Brown County	Inner	Middle	30,617	14 (9)
OH	Butler County	Inner	Middle	246,511	109 (91)
OH	Clermont County	Inner	Middle	128,281	57 (68)
OH	Hamilton County	Inner	Middle	627,129	278 (279)
OH	Highland County	Inner	Middle	29,845	13 (16)
OH	Pike County	Inner	Middle	20,173	9 (6)
OH	Scioto County	Inner	Middle	59,847	27 (20)
OH	Warren County	Inner	Middle	114,465	51 (49)
INNER RIBBON—LOWER REGION					
IL	Alexander County	Inner	Lower	7,114	10 (10)
IL	Edwards County	Inner	Lower	5,364	7 (10)
IL	Gallatin County	Inner	Lower	5,014	7 (5)
IL	Hamilton County	Inner	Lower	6,554	9 (9)
IL	Hardin County	Inner	Lower	3,819	5 (8)
IL	Johnson County	Inner	Lower	10,515	14 (11)
IL	Massac County	Inner	Lower	11,669	16 (18)
IL	Pope County	Inner	Lower	3,464	5 (4)
IL	Pulaski County	Inner	Lower	5,352	7 (10)
IL	Saline County	Inner	Lower	20,319	27 (17)
IL	Union County	Inner	Lower	14,056	19 (11)
IL	Wabash County	Inner	Lower	9,804	13 (16)
IL	White County	Inner	Lower	12,060	16 (11)
IL	Williamson County	Inner	Lower	47,245	64 (45)
IN	Dubois County	Inner	Lower	28,816	39 (43)
IN	Gibson County	Inner	Lower	24,440	33 (38)
IN	Perry County	Inner	Lower	14,574	20 (37)
IN	Pike County	Inner	Lower	9,767	13 (11)
IN	Posey County	Inner	Lower	19,670	27 (33)
IN	Spencer County	Inner	Lower	14,994	20 (24)
IN	Vanderburgh County	Inner	Lower	132,143	179 (217)
IN	Warrick County	Inner	Lower	38,309	52 (65)
KY	Ballard County	Inner	Lower	6,375	9 (8)
KY	Breckinridge County	Inner	Lower	14,001	19 (17)
KY	Caldwell County	Inner	Lower	10,133	14 (16)
KY	Calloway County	Inner	Lower	27,771	38 (33)
KY	Carlisle County	Inner	Lower	4,100	6 (4)
KY	Crittenden County	Inner	Lower	7,206	10 (7)
KY	Daviess County	Inner	Lower	67,925	92 (96)

State	County	Ribbon	Region	Census Population	Sample Plan Number (Actual Number Sampled)
KY	Fulton County	Inner	Lower	5,824	8 (7)
KY	Graves County	Inner	Lower	27,960	38 (44)
KY	Grayson County	Inner	Lower	18,177	25 (19)
KY	Hancock County	Inner	Lower	6,151	8 (8)
KY	Henderson County	Inner	Lower	33,786	46 (47)
KY	Hickman County	Inner	Lower	4,100	6 (2)
KY	Hopkins County	Inner	Lower	35,279	48 (40)
KY	Livingston County	Inner	Lower	7,616	10 (12)
KY	Lyon County	Inner	Lower	6,805	9 (9)
KY	McCracken County	Inner	Lower	50,199	68 (64)
KY	McLean County	Inner	Lower	7,533	10 (7)
KY	Marshall County	Inner	Lower	23,565	32 (33)
KY	Muhlenberg County	Inner	Lower	24,633	33 (31)
KY	Ohio County	Inner	Lower	17,212	23 (22)
KY	Trigg County	Inner	Lower	9,711	13 (6)
KY	Union County	Inner	Lower	11,680	16 (14)
KY	Webster County	Inner	Lower	10,714	14 (9)
MO	Mississippi County	Inner	Lower	9,893	13 (6)
MO	New Madrid County	Inner	Lower	14,537	20 (15)
MO	Scott County	Inner	Lower	29,337	40 (28)
OUTER RIBBON—UPPER REGION					
MD	Allegany County	Outer	Upper	59,524	4
MD	Garrett County	Outer	Upper	22,362	2
NY	Chautauqua County	Outer	Upper	105,519	8
OH	Ashland County	Outer	Upper	39,001	3
OH	Ashtabula County	Outer	Upper	75,863	6
OH	Coshocton County	Outer	Upper	27,038	2
OH	Cuyahoga County	Outer	Upper	1,045,988	79
OH	Fairfield County	Outer	Upper	89,884	7
OH	Geauga County	Outer	Upper	65,112	5
OH	Guernsey County	Outer	Upper	30,117	2
OH	Hocking County	Outer	Upper	21,052	2
OH	Holmes County	Outer	Upper	25,086	2
OH	Knox County	Outer	Upper	40,988	3
OH	Lake County	Outer	Upper	172,475	13
OH	Licking County	Outer	Upper	107,657	8
OH	Lorain County	Outer	Upper	210,114	16
OH	Medina County	Outer	Upper	109,564	8
OH	Morrow County	Outer	Upper	22,987	2
OH	Muskingum County	Outer	Upper	62,655	5
OH	Perry County	Outer	Upper	24,494	2
OH	Portage County	Outer	Upper	115,952	9
OH	Richland County	Outer	Upper	96,839	7
OH	Stark County	Outer	Upper	284,162	21
OH	Summit County	Outer	Upper	406,913	31
OH	Trumbull County	Outer	Upper	170,296	13
OH	Tuscarawas County	Outer	Upper	67,819	5
OH	Wayne County	Outer	Upper	80,941	6
PA	Armstrong County	Outer	Upper	55,818	4
PA	Bedford County	Outer	Upper	38,210	3
PA	Blair County	Outer	Upper	99,862	8
PA	Cambria County	Outer	Upper	120,523	9
PA	Clarion County	Outer	Upper	32,730	2
PA	Clearfield County	Outer	Upper	64,460	5

State	County	Ribbon	Region	Census Population	Sample Plan Number (Actual Number Sampled)
PA	Crawford County	Outer	Upper	68,046	5
PA	Elk County	Outer	Upper	26,669	2
PA	Erie County	Outer	Upper	210,532	16
PA	Forest County	Outer	Upper	3,825	0
PA	Indiana County	Outer	Upper	70,740	5
PA	Jefferson County	Outer	Upper	35,113	3
PA	Mercer County	Outer	Upper	92,109	7
PA	Somerset County	Outer	Upper	62,180	5
PA	Venango County	Outer	Upper	43,618	3
PA	Warren County	Outer	Upper	33,276	3
VA	Buchanan County	Outer	Upper	21,205	2
VA	Tazewell County	Outer	Upper	35,033	3
WV	Barbour County	Outer	Upper	11,980	1
WV	Boone County	Outer	Upper	19,610	1
WV	Braxton County	Outer	Upper	11,356	1
WV	Clay County	Outer	Upper	7,686	1
WV	Fayette County	Outer	Upper	37,239	3
WV	Gilmer County	Outer	Upper	5,708	0
WV	Grant County	Outer	Upper	8,737	1
WV	Greenbrier County	Outer	Upper	26,996	2
WV	Harrison County	Outer	Upper	52,794	4
WV	Lewis County	Outer	Upper	13,180	1
WV	Logan County	Outer	Upper	29,374	2
WV	McDowell County	Outer	Upper	20,995	2
WV	Mercer County	Outer	Upper	49,710	4
WV	Mineral County	Outer	Upper	20,747	2
WV	Mingo County	Outer	Upper	21,414	2
WV	Monongalia County	Outer	Upper	66,950	5
WV	Nicholas County	Outer	Upper	20,374	2
WV	Pendleton County	Outer	Upper	6,407	0
WV	Pocahontas County	Outer	Upper	7,227	1
WV	Preston County	Outer	Upper	22,390	2
WV	Raleigh County	Outer	Upper	62,150	5
WV	Randolph County	Outer	Upper	21,952	2
WV	Summers County	Outer	Upper	10,330	1
WV	Taylor County	Outer	Upper	12,403	1
WV	Tucker County	Outer	Upper	5,764	0
WV	Upshur County	Outer	Upper	18,126	1
WV	Webster County	Outer	Upper	7,487	1
WV	Wyoming County	Outer	Upper	19,950	2
OUTER RIBBON—MIDDLE REGION					
IN	Adams County	Outer	Middle	23,171	2
IN	Bartholomew County	Outer	Middle	52,484	4
IN	Blackford County	Outer	Middle	10,583	1
IN	Brown County	Outer	Middle	11,471	1
IN	Clay County	Outer	Middle	19,626	2
IN	Decatur County	Outer	Middle	18,104	1
IN	Delaware County	Outer	Middle	92,521	7
IN	Fayette County	Outer	Middle	19,365	2
IN	Grant County	Outer	Middle	56,065	4
IN	Greene County	Outer	Middle	24,958	2
IN	Hamilton County	Outer	Middle	126,479	10
IN	Hancock County	Outer	Middle	40,694	3
IN	Hendricks County	Outer	Middle	74,927	6

State	County	Ribbon	Region	Census Population	Sample Plan Number (Actual Number Sampled)
IN	Henry County	Outer	Middle	36,789	3
IN	Jackson County	Outer	Middle	30,786	2
IN	Jay County	Outer	Middle	15,921	1
IN	Johnson County	Outer	Middle	83,876	7
IN	Lawrence County	Outer	Middle	34,648	3
IN	Madison County	Outer	Middle	101,582	8
IN	Marion County	Outer	Middle	638,705	51
IN	Martin County	Outer	Middle	7,754	1
IN	Monroe County	Outer	Middle	98,899	8
IN	Morgan County	Outer	Middle	48,536	4
IN	Owen County	Outer	Middle	15,992	1
IN	Putnam County	Outer	Middle	27,524	2
IN	Randolph County	Outer	Middle	20,496	2
IN	Rush County	Outer	Middle	13,384	1
IN	Shelby County	Outer	Middle	31,862	3
IN	Union County	Outer	Middle	5,344	0
IN	Wayne County	Outer	Middle	53,882	4
KY	Adair County	Outer	Middle	13,191	1
KY	Anderson County	Outer	Middle	14,034	1
KY	Bourbon County	Outer	Middle	14,517	1
KY	Boyle County	Outer	Middle	21,421	2
KY	Breathitt County	Outer	Middle	11,994	1
KY	Casey County	Outer	Middle	11,661	1
KY	Clark County	Outer	Middle	24,921	2
KY	Clay County	Outer	Middle	18,324	1
KY	Clinton County	Outer	Middle	7,450	1
KY	Cumberland County	Outer	Middle	5,458	0
KY	Estill County	Outer	Middle	11,610	1
KY	Fayette County	Outer	Middle	204,979	16
KY	Floyd County	Outer	Middle	32,407	3
KY	Franklin County	Outer	Middle	36,911	3
KY	Garrard County	Outer	Middle	11,190	1
KY	Green County	Outer	Middle	8,904	1
KY	Harlan County	Outer	Middle	24,905	2
KY	Hart County	Outer	Middle	12,957	1
KY	Jackson County	Outer	Middle	9,979	1
KY	Jessamine County	Outer	Middle	28,741	2
KY	Johnson County	Outer	Middle	17,817	1
KY	Knott County	Outer	Middle	13,330	1
KY	Larue County	Outer	Middle	10,025	1
KY	Laurel County	Outer	Middle	39,314	3
KY	Lee County	Outer	Middle	6,119	0
KY	Leslie County	Outer	Middle	9,350	1
KY	Letcher County	Outer	Middle	19,281	2
KY	Lincoln County	Outer	Middle	17,364	1
KY	Madison County	Outer	Middle	55,360	4
KY	Magoffin County	Outer	Middle	9,762	1
KY	Marion County	Outer	Middle	13,616	1
KY	Martin County	Outer	Middle	9,039	1
KY	Menifee County	Outer	Middle	4,922	0
KY	Mercer County	Outer	Middle	15,737	1
KY	Metcalfe County	Outer	Middle	7,566	1
KY	Montgomery County	Outer	Middle	16,939	1
KY	Morgan County	Outer	Middle	10,830	1

State	County	Ribbon	Region	Census Population	Sample Plan Number (Actual Number Sampled)
KY	Owsley County	Outer	Middle	3,664	0
KY	Perry County	Outer	Middle	22,229	2
KY	Pike County	Outer	Middle	52,451	4
KY	Powell County	Outer	Middle	9,713	1
KY	Pulaski County	Outer	Middle	43,061	3
KY	Rockcastle County	Outer	Middle	12,528	1
KY	Russell County	Outer	Middle	12,640	1
KY	Scott County	Outer	Middle	24,376	2
KY	Taylor County	Outer	Middle	17,562	1
KY	Washington County	Outer	Middle	8,159	1
KY	Wayne County	Outer	Middle	14,874	1
KY	Wolfe County	Outer	Middle	5,234	0
KY	Woodford County	Outer	Middle	17,317	1
OH	Auglaize County	Outer	Middle	33,738	3
OH	Champaign County	Outer	Middle	28,713	2
OH	Clark County	Outer	Middle	108,389	9
OH	Clinton County	Outer	Middle	29,840	2
OH	Darke County	Outer	Middle	39,296	3
OH	Delaware County	Outer	Middle	78,928	6
OH	Fayette County	Outer	Middle	21,225	2
OH	Franklin County	Outer	Middle	800,657	64
OH	Greene County	Outer	Middle	112,527	9
OH	Logan County	Outer	Middle	33,729	3
OH	Madison County	Outer	Middle	30,287	2
OH	Mercer County	Outer	Middle	28,808	2
OH	Miami County	Outer	Middle	73,230	6
OH	Montgomery County	Outer	Middle	421,083	34
OH	Pickaway County	Outer	Middle	39,940	3
OH	Preble County	Outer	Middle	31,310	3
OH	Ross County	Outer	Middle	55,747	4
OH	Shelby County	Outer	Middle	34,224	3
OH	Union County	Outer	Middle	29,612	2
VA	Dickenson County	Outer	Middle	12,776	1
VA	Russell County	Outer	Middle	23,887	2
VA	Wise County	Outer	Middle	30,889	2
VA	Norton city	Outer	Middle	3,054	0
OUTER RIBBON—LOWER REGION					
AR	Clay County	Outer	Lower	13,541	2
AR	Greene County	Outer	Lower	27,920	4
AR	Mississippi County	Outer	Lower	36,572	6
IL	Clark County	Outer	Lower	12,775	2
IL	Clay County	Outer	Lower	11,077	2
IL	Clinton County	Outer	Lower	26,699	4
IL	Crawford County	Outer	Lower	15,788	3
IL	Cumberland County	Outer	Lower	8,277	1
IL	Effingham County	Outer	Lower	24,480	4
IL	Fayette County	Outer	Lower	16,614	3
IL	Franklin County	Outer	Lower	30,060	5
IL	Jackson County	Outer	Lower	48,130	8
IL	Jasper County	Outer	Lower	7,497	1
IL	Jefferson County	Outer	Lower	30,349	5
IL	Lawrence County	Outer	Lower	11,942	2
IL	Marion County	Outer	Lower	31,069	5
IL	Monroe County	Outer	Lower	20,315	3

State	County	Ribbon	Region	Census Population	Sample Plan Number (Actual Number Sampled)
IL	Perry County	Outer	Lower	18,011	3
IL	Randolph County	Outer	Lower	26,386	4
IL	Richland County	Outer	Lower	12,185	2
IL	St. Clair County	Outer	Lower	185,157	30
IL	Shelby County	Outer	Lower	17,165	3
IL	Washington County	Outer	Lower	11,311	2
IL	Wayne County	Outer	Lower	13,079	2
IN	Daviess County	Outer	Lower	21,186	3
IN	Knox County	Outer	Lower	30,255	5
IN	Sullivan County	Outer	Lower	16,839	3
IN	Vigo County	Outer	Lower	81,632	13
KY	Allen County	Outer	Lower	13,199	2
KY	Barren County	Outer	Lower	28,823	5
KY	Butler County	Outer	Lower	9,722	2
KY	Christian County	Outer	Lower	51,806	8
KY	Edmonson County	Outer	Lower	8,899	1
KY	Logan County	Outer	Lower	19,748	3
KY	Monroe County	Outer	Lower	8,945	1
KY	Simpson County	Outer	Lower	12,100	2
KY	Todd County	Outer	Lower	8,788	1
KY	Warren County	Outer	Lower	71,124	11
MO	Bollinger County	Outer	Lower	8,878	1
MO	Butler County	Outer	Lower	30,981	5
MO	Cape Girardeau County	Outer	Lower	52,596	8
MO	Carter County	Outer	Lower	4,448	1
MO	Dunklin County	Outer	Lower	24,542	4
MO	Iron County	Outer	Lower	8,024	1
MO	Madison County	Outer	Lower	8,896	1
MO	Pemiscot County	Outer	Lower	14,032	2
MO	Perry County	Outer	Lower	13,417	2
MO	Reynolds County	Outer	Lower	5,081	1
MO	Ripley County	Outer	Lower	10,157	2
MO	Ste. Genevieve County	Outer	Lower	13,093	2
MO	St. Francois County	Outer	Lower	42,306	7
MO	Stoddard County	Outer	Lower	22,612	4
MO	Wayne County	Outer	Lower	10,180	2
TN	Benton County	Outer	Lower	12,896	2
TN	Carroll County	Outer	Lower	22,635	4
TN	Cheatham County	Outer	Lower	25,982	4
TN	Clay County	Outer	Lower	6,262	1
TN	Crockett County	Outer	Lower	10,878	2
TN	Davidson County	Outer	Lower	443,444	71
TN	Decatur County	Outer	Lower	9,182	1
TN	Dickson County	Outer	Lower	31,670	5
TN	Dyer County	Outer	Lower	27,682	4
TN	Gibson County	Outer	Lower	36,614	6
TN	Haywood County	Outer	Lower	14,417	2
TN	Henderson County	Outer	Lower	19,310	3
TN	Henry County	Outer	Lower	24,202	4
TN	Hickman County	Outer	Lower	16,792	3
TN	Houston County	Outer	Lower	6,118	1
TN	Humphreys County	Outer	Lower	13,647	2
TN	Lake County	Outer	Lower	6,543	1
TN	Lauderdale County	Outer	Lower	20,382	3

State	County	Ribbon	Region	Census Population	Sample Plan Number (Actual Number Sampled)
TN	Macon County	Outer	Lower	15,072	2
TN	Madison County	Outer	Lower	68,120	11
TN	Montgomery County	Outer	Lower	96,439	16
TN	Obion County	Outer	Lower	24,844	4
TN	Perry County	Outer	Lower	5,769	1
TN	Robertson County	Outer	Lower	39,851	6
TN	Stewart County	Outer	Lower	9,410	2
TN	Sumner County	Outer	Lower	96,112	15
TN	Tipton County	Outer	Lower	36,246	6
TN	Trousdale County	Outer	Lower	5,502	1
TN	Weakley County	Outer	Lower	27,344	4

Table 3.2. Sample of Children

State	County	Ribbon	Region	Census Population	Number Sampled
INNER RIBBON—UPPER REGION					
OH	Athens County	Inner	Upper	10,755	11
OH	Belmont County	Inner	Upper	13,663	18
OH	Carroll County	Inner	Upper	6,465	12
OH	Columbiana County	Inner	Upper	24,131	10
OH	Gallia County	Inner	Upper	7,225	10
OH	Harrison County	Inner	Upper	3,647	10
OH	Jackson County	Inner	Upper	8,123	8
OH	Jefferson County	Inner	Upper	13,955	16
OH	Lawrence County	Inner	Upper	14,458	11
OH	Mahoning County	Inner	Upper	54,010	45
OH	Meigs County	Inner	Upper	5,193	10
OH	Monroe County	Inner	Upper	3,581	10
OH	Morgan County	Inner	Upper	3,768	0
OH	Noble County	Inner	Upper	3,180	0
OH	Vinton County	Inner	Upper	3,446	0
OH	Washington County	Inner	Upper	13,467	23
PA	Allegheny County	Inner	Upper	257,497	146
PA	Beaver County	Inner	Upper	36,406	26
PA	Butler County	Inner	Upper	41,830	29
PA	Fayette County	Inner	Upper	30,297	33
PA	Greene County	Inner	Upper	8,182	18
PA	Lawrence County	Inner	Upper	19,663	9
PA	Washington County	Inner	Upper	42,703	57
PA	Westmoreland County	Inner	Upper	73,061	61
WV	Brooke County	Inner	Upper	4,321	11
WV	Cabell County	Inner	Upper	19,260	7
WV	Calhoun County	Inner	Upper	1,698	11
WV	Doddridge County	Inner	Upper	1,853	0
WV	Hancock County	Inner	Upper	6,181	11
WV	Jackson County	Inner	Upper	6,333	14
WV	Kanawha County	Inner	Upper	40,908	9
WV	Lincoln County	Inner	Upper	5,091	10
WV	Marion County	Inner	Upper	11,366	24
WV	Marshall County	Inner	Upper	7,039	40
WV	Mason County	Inner	Upper	5,444	25
WV	Ohio County	Inner	Upper	9,066	12
WV	Pleasants County	Inner	Upper	1,786	8

State	County	Ribbon	Region	Census Population	Number Sampled
WV	Putnam County	Inner	Upper	12,793	10
WV	Ritchie County	Inner	Upper	2,376	9
WV	Roane County	Inner	Upper	3,612	0
WV	Tyler County	Inner	Upper	2,231	10
WV	Wayne County	Inner	Upper	9,143	29
WV	Wetzel County	Inner	Upper	4,204	11
WV	Wirt County	Inner	Upper	1,492	0
WV	Wood County	Inner	Upper	18,909	20
INNER RIBBON—MIDDLE REGION					
IN	Clark County	Inner	Middle	24,818	12
IN	Crawford County	Inner	Middle	2,748	10
IN	Dearborn County	Inner	Middle	12,547	18
IN	Floyd County	Inner	Middle	17,527	26
IN	Franklin County	Inner	Middle	5,886	0
IN	Harrison County	Inner	Middle	8,682	17
IN	Jefferson County	Inner	Middle	7,632	16
IN	Jennings County	Inner	Middle	7,377	0
IN	Ohio County	Inner	Middle	1,397	0
IN	Orange County	Inner	Middle	4,960	10
IN	Ripley County	Inner	Middle	7,251	2
IN	Scott County	Inner	Middle	5,792	23
IN	Switzerland County	Inner	Middle	2,384	10
IN	Washington County	Inner	Middle	6,839	6
KY	Bath County	Inner	Middle	2,678	0
KY	Boone County	Inner	Middle	30,323	22
KY	Boyd County	Inner	Middle	10,609	10
KY	Bracken County	Inner	Middle	2,115	7
KY	Bullitt County	Inner	Middle	18,129	28
KY	Campbell County	Inner	Middle	20,943	4
KY	Carroll County	Inner	Middle	2,570	0
KY	Carter County	Inner	Middle	6,439	14
KY	Elliott County	Inner	Middle	1,712	2
KY	Fleming County	Inner	Middle	3,500	0
KY	Gallatin County	Inner	Middle	2,247	0
KY	Grant County	Inner	Middle	6,646	12
KY	Greenup County	Inner	Middle	8,054	0
KY	Hardin County	Inner	Middle	25,490	31
KY	Harrison County	Inner	Middle	4,497	4
KY	Henry County	Inner	Middle	3,820	0
KY	Jefferson County	Inner	Middle	169,820	107
KY	Kenton County	Inner	Middle	40,017	14
KY	Lawrence County	Inner	Middle	3,936	10
KY	Lewis County	Inner	Middle	3,570	0
KY	Mason County	Inner	Middle	4,053	0
KY	Meade County	Inner	Middle	7,192	18
KY	Nelson County	Inner	Middle	10,929	9
KY	Nicholas County	Inner	Middle	1,608	0
KY	Oldham County	Inner	Middle	13,327	22
KY	Owen County	Inner	Middle	2,694	9
KY	Pendleton County	Inner	Middle	4,084	11
KY	Robertson County	Inner	Middle	539	10
KY	Rowan County	Inner	Middle	4,968	8
KY	Shelby County	Inner	Middle	9,856	18
KY	Spencer County	Inner	Middle	3,171	0
KY	Trimble County	Inner	Middle	2,145	0

State	County	Ribbon	Region	Census Population	Number Sampled
OH	Adams County	Inner	Middle	7,079	9
OH	Brown County	Inner	Middle	11,217	9
OH	Butler County	Inner	Middle	88,681	118
OH	Clermont County	Inner	Middle	50,499	49
OH	Hamilton County	Inner	Middle	208,029	154
OH	Highland County	Inner	Middle	11,038	3
OH	Pike County	Inner	Middle	7,143	0
OH	Scioto County	Inner	Middle	17,501	10
OH	Warren County	Inner	Middle	53,500	48
INNER RIBBON—LOWER REGION					
IL	Alexander County	Inner	Lower	2,476	8
IL	Edwards County	Inner	Lower	1,607	8
IL	Gallatin County	Inner	Lower	1,431	0
IL	Hamilton County	Inner	Lower	2,067	0
IL	Hardin County	Inner	Lower	25,490	9
IL	Johnson County	Inner	Lower	2,363	9
IL	Massac County	Inner	Lower	3,492	10
IL	Pope County	Inner	Lower	949	0
IL	Pulaski County	Inner	Lower	1,996	2
IL	Saline County	Inner	Lower	5,882	12
IL	Union County	Inner	Lower	4,237	0
IL	Wabash County	Inner	Lower	3,133	10
IL	White County	Inner	Lower	3,311	8
IL	Williamson County	Inner	Lower	13,942	30
IN	Dubois County	Inner	Lower	10,458	12
IN	Gibson County	Inner	Lower	7,828	21
IN	Perry County	Inner	Lower	4,325	24
IN	Pike County	Inner	Lower	3,070	25
IN	Posey County	Inner	Lower	6,148	29
IN	Spencer County	Inner	Lower	4,776	10
IN	Vanderburgh County	Inner	Lower	40,354	171
IN	Warrick County	Inner	Lower	13,851	41
KY	Ballard County	Inner	Lower	1,911	0
KY	Breckinridge County	Inner	Lower	4,647	26
KY	Caldwell County	Inner	Lower	2,927	0
KY	Calloway County	Inner	Lower	6,570	14
KY	Carlisle County	Inner	Lower	1,251	0
KY	Crittenden County	Inner	Lower	2,178	17
KY	Daviess County	Inner	Lower	23,093	43
KY	Fulton County	Inner	Lower	1,928	12
KY	Graves County	Inner	Lower	8,898	29
KY	Grayson County	Inner	Lower	5,878	19
KY	Hancock County	Inner	Lower	2,241	6
KY	Henderson County	Inner	Lower	10,670	22
KY	Hickman County	Inner	Lower	1,162	6
KY	Hopkins County	Inner	Lower	10,739	34
KY	Livingston County	Inner	Lower	2,188	2
KY	Lyon County	Inner	Lower	1,275	2
KY	McCracken County	Inner	Lower	6,232	19
KY	McLean County	Inner	Lower	14,529	43
KY	Marshall County	Inner	Lower	2,405	9
KY	Muhlenberg County	Inner	Lower	6,811	23
KY	Ohio County	Inner	Lower	5,561	14
KY	Trigg County	Inner	Lower	2,886	0
KY	Union County	Inner	Lower	3,957	2

State	County	Ribbon	Region	Census Population	Number Sampled
KY	Webster County	Inner	Lower	3,406	11
MO	Mississippi County	Inner	Lower	3,534	0
MO	New Madrid County	Inner	Lower	5,223	6
MO	Scott County	Inner	Lower	10,580	3
OUTER RIBBON—UPPER REGION					
MD	Allegany County	Outer	Upper	13,878	0
MD	Garrett County	Outer	Upper	6,582	0
NY	Chautauqua County	Outer	Upper	29,315	0
OH	Ashland County	Outer	Upper	12,956	0
OH	Ashtabula County	Outer	Upper	24,378	0
OH	Coshocton County	Outer	Upper	8,839	0
OH	Cuyahoga County	Outer	Upper	314,617	0
OH	Fairfield County	Outer	Upper	35,298	0
OH	Geauga County	Outer	Upper	23,681	0
OH	Guernsey County	Outer	Upper	10,045	0
OH	Hocking County	Outer	Upper	6,914	0
OH	Holmes County	Outer	Upper	14,142	0
OH	Knox County	Outer	Upper	13,452	0
OH	Lake County	Outer	Upper	52,595	0
OH	Licking County	Outer	Upper	38,409	0
OH	Lorain County	Outer	Upper	73,962	0
OH	Medina County	Outer	Upper	42,477	0
OH	Morrow County	Outer	Upper	8,531	0
OH	Muskingum County	Outer	Upper	20,825	9
OH	Perry County	Outer	Upper	9,056	0
OH	Portage County	Outer	Upper	33,561	0
OH	Richland County	Outer	Upper	29,191	0
OH	Stark County	Outer	Upper	88,235	0
OH	Summit County	Outer	Upper	130,743	0
OH	Trumbull County	Outer	Upper	48,249	4
OH	Tuscarawas County	Outer	Upper	21,554	0
OH	Wayne County	Outer	Upper	28,935	0
PA	Armstrong County	Outer	Upper	14,232	0
PA	Bedford County	Outer	Upper	10,824	0
PA	Blair County	Outer	Upper	26,776	0
PA	Cambria County	Outer	Upper	28,613	0
PA	Clarion County	Outer	Upper	8,060	0
PA	Clearfield County	Outer	Upper	16,360	0
PA	Crawford County	Outer	Upper	19,999	0
PA	Elk County	Outer	Upper	6,945	0
PA	Erie County	Outer	Upper	65,345	0
PA	Forest County	Outer	Upper	1,121	0
PA	Indiana County	Outer	Upper	16,171	0
PA	Jefferson County	Outer	Upper	9,707	0
PA	Mercer County	Outer	Upper	25,619	0
PA	Somerset County	Outer	Upper	15,482	0
PA	Venango County	Outer	Upper	12,080	0
PA	Warren County	Outer	Upper	8,828	0
VA	Buchanan County	Outer	Upper	4,570	0
VA	Tazewell County	Outer	Upper	8,821	0
WV	Barbour County	Outer	Upper	3,577	0
WV	Boone County	Outer	Upper	5,652	0
WV	Braxton County	Outer	Upper	3,346	0
WV	Clay County	Outer	Upper	2,644	0
WV	Fayette County	Outer	Upper	9,918	0

State	County	Ribbon	Region	Census Population	Number Sampled
WV	Gilmer County	Outer	Upper	1,452	0
WV	Grant County	Outer	Upper	2,562	0
WV	Greenbrier County	Outer	Upper	7,226	0
WV	Harrison County	Outer	Upper	15,090	0
WV	Lewis County	Outer	Upper	3,739	0
WV	Logan County	Outer	Upper	7,750	0
WV	McDowell County	Outer	Upper	4,982	0
WV	Mercer County	Outer	Upper	13,044	22
WV	Mineral County	Outer	Upper	5,727	0
WV	Mingo County	Outer	Upper	5,990	0
WV	Monongalia County	Outer	Upper	15,552	6
WV	Nicholas County	Outer	Upper	5,466	0
WV	Pendleton County	Outer	Upper	1,789	0
WV	Pocahontas County	Outer	Upper	1,904	0
WV	Preston County	Outer	Upper	6,404	0
WV	Raleigh County	Outer	Upper	16,478	0
WV	Randolph County	Outer	Upper	6,122	0
WV	Summers County	Outer	Upper	2,669	0
WV	Taylor County	Outer	Upper	3,686	0
WV	Tucker County	Outer	Upper	1,557	0
WV	Upshur County	Outer	Upper	5,020	0
WV	Webster County	Outer	Upper	2,232	0
WV	Wyoming County	Outer	Upper	4,972	0
OUTER RIBBON—MIDDLE REGION					
IN	Adams County	Outer	Middle	10,199	0
IN	Bartholomew County	Outer	Middle	18,941	0
IN	Blackford County	Outer	Middle	3,465	0
IN	Brown County	Outer	Middle	3,486	0
IN	Clay County	Outer	Middle	6,553	0
IN	Decatur County	Outer	Middle	6,527	0
IN	Delaware County	Outer	Middle	24,115	0
IN	Fayette County	Outer	Middle	5,665	0
IN	Grant County	Outer	Middle	15,214	0
IN	Greene County	Outer	Middle	7,731	0
IN	Hamilton County	Outer	Middle	75,562	0
IN	Hancock County	Outer	Middle	16,302	0
IN	Hendricks County	Outer	Middle	34,571	3
IN	Henry County	Outer	Middle	10,365	0
IN	Jackson County	Outer	Middle	10,472	0
IN	Jay County	Outer	Middle	5,708	0
IN	Johnson County	Outer	Middle	34,209	0
IN	Lawrence County	Outer	Middle	10,711	0
IN	Madison County	Outer	Middle	30,018	0
IN	Marion County	Outer	Middle	233,049	0
IN	Martin County	Outer	Middle	2,615	0
IN	Monroe County	Outer	Middle	22,247	0
IN	Morgan County	Outer	Middle	17,529	3
IN	Owen County	Outer	Middle	5,301	0
IN	Putnam County	Outer	Middle	8,010	0
IN	Randolph County	Outer	Middle	6,023	0
IN	Rush County	Outer	Middle	4,877	0
IN	Shelby County	Outer	Middle	10,765	0
IN	Union County	Outer	Middle	2,005	0
IN	Wayne County	Outer	Middle	15,771	0
KY	Adair County	Outer	Middle	4,053	8

State	County	Ribbon	Region	Census Population	Number Sampled
KY	Anderson County	Outer	Middle	5,184	0
KY	Bourbon County	Outer	Middle	4,843	0
KY	Boyle County	Outer	Middle	6,207	0
KY	Breathitt County	Outer	Middle	4,106	0
KY	Casey County	Outer	Middle	3,786	0
KY	Clark County	Outer	Middle	8,143	0
KY	Clay County	Outer	Middle	5,814	0
KY	Clinton County	Outer	Middle	2,184	0
KY	Cumberland County	Outer	Middle	1,689	0
KY	Estill County	Outer	Middle	3,697	0
KY	Fayette County	Outer	Middle	60,108	0
KY	Floyd County	Outer	Middle	9,368	0
KY	Franklin County	Outer	Middle	10,605	0
KY	Garrard County	Outer	Middle	3,602	0
KY	Green County	Outer	Middle	11,013	0
KY	Harlan County	Outer	Middle	7,087	0
KY	Hart County	Outer	Middle	4,488	0
KY	Jackson County	Outer	Middle	3,516	0
KY	Jessamine County	Outer	Middle	11,245	0
KY	Johnson County	Outer	Middle	5,523	0
KY	Knott County	Outer	Middle	4,319	0
KY	Larue County	Outer	Middle	3,348	0
KY	Laurel County	Outer	Middle	13,951	0
KY	Lee County	Outer	Middle	1,797	0
KY	Leslie County	Outer	Middle	3,051	0
KY	Letcher County	Outer	Middle	5,184	0
KY	Lincoln County	Outer	Middle	6,223	0
KY	Madison County	Outer	Middle	17,845	0
KY	Magoffin County	Outer	Middle	3,570	0
KY	Marion County	Outer	Middle	4,596	0
KY	Martin County	Outer	Middle	3,539	0
KY	Menifee County	Outer	Middle	1,634	0
KY	Mercer County	Outer	Middle	5,092	0
KY	Metcalfe County	Outer	Middle	2,471	0
KY	Montgomery County	Outer	Middle	6,092	0
KY	Morgan County	Outer	Middle	3,118	0
KY	Owsley County	Outer	Middle	1,194	0
KY	Perry County	Outer	Middle	6,918	0
KY	Pike County	Outer	Middle	14,444	0
KY	Powell County	Outer	Middle	3,524	0
KY	Pulaski County	Outer	Middle	13,460	0
KY	Rockcastle County	Outer	Middle	4,054	0
KY	Russell County	Outer	Middle	3,675	0
KY	Scott County	Outer	Middle	11,008	0
KY	Taylor County	Outer	Middle	5,230	0
KY	Washington County	Outer	Middle	2,757	0
KY	Wayne County	Outer	Middle	4,884	0
KY	Wolfe County	Outer	Middle	1,831	0
KY	Woodford County	Outer	Middle	5,725	0
OH	Auglaize County	Outer	Middle	11,722	0
OH	Champaign County	Outer	Middle	9,571	0
OH	Clark County	Outer	Middle	33,446	0
OH	Clinton County	Outer	Middle	10,757	0
OH	Darke County	Outer	Middle	12,785	0
OH	Delaware County	Outer	Middle	42,999	2

State	County	Ribbon	Region	Census Population	Number Sampled
OH	Fayette County	Outer	Middle	6,896	0
OH	Franklin County	Outer	Middle	282,931	0
OH	Greene County	Outer	Middle	34,017	0
OH	Logan County	Outer	Middle	11,605	0
OH	Madison County	Outer	Middle	9,502	0
OH	Mercer County	Outer	Middle	10,945	0
OH	Miami County	Outer	Middle	24,113	0
OH	Montgomery County	Outer	Middle	128,877	0
OH	Pickaway County	Outer	Middle	12,488	0
OH	Preble County	Outer	Middle	9,877	0
OH	Ross County	Outer	Middle	16,756	0
OH	Shelby County	Outer	Middle	13,181	0
OH	Union County	Outer	Middle	12,527	0
VA	Dickenson County	Outer	Middle	3,619	0
VA	Russell County	Outer	Middle	850	0
VA	Wise County	Outer	Middle	5,965	0
VA	Norton city	Outer	Middle	8,630	0
OUTER RIBBON—LOWER REGION					
AR	Clay County	Outer	Lower	4,068	4
AR	Greene County	Outer	Lower	9,958	0
AR	Mississippi County	Outer	Lower	13,320	0
IL	Clark County	Outer	Lower	4,233	0
IL	Clay County	Outer	Lower	3,483	0
IL	Clinton County	Outer	Lower	8,054	0
IL	Crawford County	Outer	Lower	4,664	0
IL	Cumberland County	Outer	Lower	2,976	0
IL	Effingham County	Outer	Lower	8,819	0
IL	Fayette County	Outer	Lower	4,706	0
IL	Franklin County	Outer	Lower	8,920	0
IL	Jackson County	Outer	Lower	10,736	0
IL	Jasper County	Outer	Lower	2,620	0
IL	Jefferson County	Outer	Lower	8,874	0
IL	Lawrence County	Outer	Lower	3,510	0
IL	Marion County	Outer	Lower	9,329	0
IL	Monroe County	Outer	Lower	7,488	0
IL	Perry County	Outer	Lower	4,459	0
IL	Randolph County	Outer	Lower	6,807	0
IL	Richland County	Outer	Lower	3,964	0
IL	St. Clair County	Outer	Lower	4,841	0
IL	Shelby County	Outer	Lower	67,908	0
IL	Washington County	Outer	Lower	3,837	0
IL	Wayne County	Outer	Lower	4,072	0
IN	Daviess County	Outer	Lower	8,519	0
IN	Knox County	Outer	Lower	8,105	0
IN	Sullivan County	Outer	Lower	4,520	0
IN	Vigo County	Outer	Lower	23,264	0
KY	Allen County	Outer	Lower	4,601	2
KY	Barren County	Outer	Lower	9,502	18
KY	Butler County	Outer	Lower	3,288	0
KY	Christian County	Outer	Lower	24,856	0
KY	Edmonson County	Outer	Lower	2,745	0
KY	Logan County	Outer	Lower	6,127	0
KY	Monroe County	Outer	Lower	2,811	0
KY	Simpson County	Outer	Lower	4,305	0
KY	Todd County	Outer	Lower	3,183	0

State	County	Ribbon	Region	Census Population	Number Sampled
KY	Warren County	Outer	Lower	23,454	0
MO	Bollinger County	Outer	Lower	3,151	0
MO	Butler County	Outer	Lower	9,841	0
MO	Cape Girardeau County	Outer	Lower	16,139	3
MO	Carter County	Outer	Lower	1,493	0
MO	Dunklin County	Outer	Lower	8,151	0
MO	Iron County	Outer	Lower	2,673	0
MO	Madison County	Outer	Lower	2,904	0
MO	Pemiscot County	Outer	Lower	6,015	0
MO	Perry County	Outer	Lower	4,715	0
MO	Reynolds County	Outer	Lower	1,608	0
MO	Ripley County	Outer	Lower	3,352	0
MO	Ste. Genevieve County	Outer	Lower	13,685	0
MO	St. Francois County	Outer	Lower	4,749	0
MO	Stoddard County	Outer	Lower	6,700	0
MO	Wayne County	Outer	Lower	3,079	0
TN	Benton County	Outer	Lower	3,641	0
TN	Carroll County	Outer	Lower	6,371	0
TN	Cheatham County	Outer	Lower	9,873	0
TN	Clay County	Outer	Lower	1,714	0
TN	Crockett County	Outer	Lower	3,654	0
TN	Davidson County	Outer	Lower	143,590	0
TN	Decatur County	Outer	Lower	2,549	0
TN	Dickson County	Outer	Lower	11,852	0
TN	Dyer County	Outer	Lower	9,414	0
TN	Gibson County	Outer	Lower	11,229	0
TN	Haywood County	Outer	Lower	5,380	0
TN	Henderson County	Outer	Lower	6,408	0
TN	Henry County	Outer	Lower	6,738	0
TN	Hickman County	Outer	Lower	5,702	0
TN	Houston County	Outer	Lower	1,970	0
TN	Humphreys County	Outer	Lower	4,282	0
TN	Lake County	Outer	Lower	1,411	0
TN	Lauderdale County	Outer	Lower	6,417	0
TN	Macon County	Outer	Lower	5,203	0
TN	Madison County	Outer	Lower	24,354	0
TN	Montgomery County	Outer	Lower	43,363	5
TN	Obion County	Outer	Lower	7,231	0
TN	Perry County	Outer	Lower	1,862	0
TN	Robertson County	Outer	Lower	16,032	0
TN	Stewart County	Outer	Lower	2,960	0
TN	Sumner County	Outer	Lower	36,650	0
TN	Tipton County	Outer	Lower	14,731	0
TN	Trousdale County	Outer	Lower	1,757	0
TN	Weakley County	Outer	Lower	7,039	0

Table 3.3. Sample of Adults and Children Combined

State	County	Ribbon	Region	Census Population	Number Sampled
INNER RIBBON—UPPER REGION					
OH	Athens County	Inner	Upper	61,567	31
OH	Belmont County	Inner	Upper	68,605	43
OH	Carroll County	Inner	Upper	28,049	19
OH	Columbiana County	Inner	Upper	108,938	50
OH	Gallia County	Inner	Upper	30,523	25
OH	Harrison County	Inner	Upper	15,856	16
OH	Jackson County	Inner	Upper	32,283	11
OH	Jefferson County	Inner	Upper	72,028	46
OH	Lawrence County	Inner	Upper	61,507	41
OH	Mahoning County	Inner	Upper	250,416	125
OH	Meigs County	Inner	Upper	22,747	23
OH	Monroe County	Inner	Upper	15,180	12
OH	Morgan County	Inner	Upper	14,897	2
OH	Noble County	Inner	Upper	14,058	4
OH	Vinton County	Inner	Upper	12,806	2
OH	Washington County	Inner	Upper	61,827	48
PA	Allegheny County	Inner	Upper	1,257,987	440
PA	Beaver County	Inner	Upper	176,756	85
PA	Butler County	Inner	Upper	173,065	64
PA	Fayette County	Inner	Upper	145,207	72
PA	Greene County	Inner	Upper	39,875	36
PA	Lawrence County	Inner	Upper	92,426	37
PA	Washington County	Inner	Upper	200,603	113
PA	Westmoreland County	Inner	Upper	361,824	173
WV	Brooke County	Inner	Upper	24,568	22
WV	Cabell County	Inner	Upper	96,642	40
WV	Calhoun County	Inner	Upper	7,582	17
WV	Doddridge County	Inner	Upper	7,403	2
WV	Hancock County	Inner	Upper	32,046	24
WV	Jackson County	Inner	Upper	27,576	30
WV	Kanawha County	Inner	Upper	198,343	45
WV	Lincoln County	Inner	Upper	21,990	29
WV	Marion County	Inner	Upper	56,293	49
WV	Marshall County	Inner	Upper	34,446	67
WV	Mason County	Inner	Upper	25,500	39
WV	Ohio County	Inner	Upper	46,397	26
WV	Pleasants County	Inner	Upper	7,514	10
WV	Putnam County	Inner	Upper	51,501	23
WV	Ritchie County	Inner	Upper	10,343	12
WV	Roane County	Inner	Upper	15,446	3
WV	Tyler County	Inner	Upper	9,592	23
WV	Wayne County	Inner	Upper	42,024	49
WV	Wetzel County	Inner	Upper	17,693	18
WV	Wirt County	Inner	Upper	5,873	2
WV	Wood County	Inner	Upper	86,667	52
INNER RIBBON—MIDDLE REGION					
IN	Clark County	Inner	Middle	97,914	44
IN	Crawford County	Inner	Middle	10,743	19
IN	Dearborn County	Inner	Middle	45,922	42
IN	Floyd County	Inner	Middle	70,062	53
IN	Franklin County	Inner	Middle	21,810	10
IN	Harrison County	Inner	Middle	34,101	29
IN	Jefferson County	Inner	Middle	31,612	32

State	County	Ribbon	Region	Census Population	Number Sampled
IN	Jennings County	Inner	Middle	27,306	4
IN	Ohio County	Inner	Middle	5,623	4
IN	Orange County	Inner	Middle	19,306	19
IN	Ripley County	Inner	Middle	26,328	7
IN	Scott County	Inner	Middle	22,724	37
IN	Switzerland County	Inner	Middle	9,065	13
IN	Washington County	Inner	Middle	26,846	19
KY	Bath County	Inner	Middle	11,085	1
KY	Boone County	Inner	Middle	91,670	52
KY	Boyd County	Inner	Middle	49,521	26
KY	Bracken County	Inner	Middle	8,279	12
KY	Bullitt County	Inner	Middle	62,725	60
KY	Campbell County	Inner	Middle	86,842	35
KY	Carroll County	Inner	Middle	10,155	1
KY	Carter County	Inner	Middle	26,745	30
KY	Elliott County	Inner	Middle	6,748	4
KY	Fleming County	Inner	Middle	13,792	2
KY	Gallatin County	Inner	Middle	7,870	2
KY	Grant County	Inner	Middle	22,605	26
KY	Greenup County	Inner	Middle	36,246	10
KY	Hardin County	Inner	Middle	93,701	70
KY	Harrison County	Inner	Middle	17,983	10
KY	Henry County	Inner	Middle	15,060	1
KY	Jefferson County	Inner	Middle	695,153	272
KY	Kenton County	Inner	Middle	151,582	61
KY	Lawrence County	Inner	Middle	15,569	17
KY	Lewis County	Inner	Middle	14,092	1
KY	Mason County	Inner	Middle	16,800	7
KY	Meade County	Inner	Middle	25,702	22
KY	Nelson County	Inner	Middle	38,034	15
KY	Nicholas County	Inner	Middle	6,813	2
KY	Oldham County	Inner	Middle	46,861	41
KY	Owen County	Inner	Middle	10,547	17
KY	Pendleton County	Inner	Middle	14,390	19
KY	Robertson County	Inner	Middle	2,266	14
KY	Rowan County	Inner	Middle	22,587	22
KY	Shelby County	Inner	Middle	34,802	24
KY	Spencer County	Inner	Middle	11,766	4
KY	Trimble County	Inner	Middle	8,125	7
OH	Adams County	Inner	Middle	27,207	25
OH	Brown County	Inner	Middle	41,834	16
OH	Butler County	Inner	Middle	335,192	218
OH	Clermont County	Inner	Middle	178,780	120
OH	Hamilton County	Inner	Middle	835,158	416
OH	Highland County	Inner	Middle	40,883	22
OH	Pike County	Inner	Middle	27,316	6
OH	Scioto County	Inner	Middle	77,348	30
OH	Warren County	Inner	Middle	167,965	103
INNER RIBBON—LOWER REGION					
IL	Alexander County	Inner	Lower	9,590	17
IL	Edwards County	Inner	Lower	6,971	16
IL	Gallatin County	Inner	Lower	6,445	6
IL	Hamilton County	Inner	Lower	8,621	10
IL	Hardin County	Inner	Lower	29,309	23
IL	Johnson County	Inner	Lower	12,878	18

State	County	Ribbon	Region	Census Population	Number Sampled
IL	Massac County	Inner	Lower	15,161	27
IL	Pope County	Inner	Lower	4,413	3
IL	Pulaski County	Inner	Lower	7,348	13
IL	Saline County	Inner	Lower	26,201	27
IL	Union County	Inner	Lower	18,293	11
IL	Wabash County	Inner	Lower	12,937	22
IL	White County	Inner	Lower	15,371	16
IL	Williamson County	Inner	Lower	61,187	76
IN	Dubois County	Inner	Lower	39,274	59
IN	Gibson County	Inner	Lower	32,268	55
IN	Perry County	Inner	Lower	18,899	60
IN	Pike County	Inner	Lower	12,837	39
IN	Posey County	Inner	Lower	25,818	60
IN	Spencer County	Inner	Lower	19,770	33
IN	Vanderburgh County	Inner	Lower	172,497	402
IN	Warrick County	Inner	Lower	52,160	108
KY	Ballard County	Inner	Lower	8,286	5
KY	Breckinridge County	Inner	Lower	18,648	50
KY	Caldwell County	Inner	Lower	13,060	10
KY	Calloway County	Inner	Lower	34,341	49
KY	Carlisle County	Inner	Lower	5,351	3
KY	Crittenden County	Inner	Lower	9,384	26
KY	Daviess County	Inner	Lower	91,018	126
KY	Fulton County	Inner	Lower	7,752	19
KY	Graves County	Inner	Lower	36,858	69
KY	Grayson County	Inner	Lower	24,055	36
KY	Hancock County	Inner	Lower	8,392	13
KY	Henderson County	Inner	Lower	44,456	72
KY	Hickman County	Inner	Lower	5,262	10
KY	Hopkins County	Inner	Lower	46,018	73
KY	Livingston County	Inner	Lower	9,804	13
KY	Lyon County	Inner	Lower	8,080	10
KY	McCracken County	Inner	Lower	29,797	49
KY	McLean County	Inner	Lower	64,728	106
KY	Marshall County	Inner	Lower	9,938	14
KY	Muhlenberg County	Inner	Lower	31,444	56
KY	Ohio County	Inner	Lower	22,773	36
KY	Trigg County	Inner	Lower	12,597	10
KY	Union County	Inner	Lower	15,637	14
KY	Webster County	Inner	Lower	14,120	22
MO	Mississippi County	Inner	Lower	13,427	7
MO	New Madrid County	Inner	Lower	19,760	17
MO	Scott County	Inner	Lower	39,917	32
OUTER RIBBON—UPPER REGION					
MD	Allegany County	Outer	Upper	73,402	4
MD	Garrett County	Outer	Upper	28,944	2
NY	Chautauqua County	Outer	Upper	134,834	8
OH	Ashland County	Outer	Upper	51,957	3
OH	Ashtabula County	Outer	Upper	100,241	6
OH	Coshocton County	Outer	Upper	35,877	2
OH	Cuyahoga County	Outer	Upper	1,360,605	79
OH	Fairfield County	Outer	Upper	125,182	7
OH	Geauga County	Outer	Upper	88,793	5
OH	Guernsey County	Outer	Upper	40,162	2
OH	Hocking County	Outer	Upper	27,966	2

State	County	Ribbon	Region	Census Population	Number Sampled
OH	Holmes County	Outer	Upper	39,228	2
OH	Knox County	Outer	Upper	54,440	3
OH	Lake County	Outer	Upper	225,070	13
OH	Licking County	Outer	Upper	146,066	8
OH	Lorain County	Outer	Upper	284,076	16
OH	Medina County	Outer	Upper	152,041	8
OH	Morrow County	Outer	Upper	31,518	2
OH	Muskingum County	Outer	Upper	83,480	12
OH	Perry County	Outer	Upper	33,550	2
OH	Portage County	Outer	Upper	149,513	9
OH	Richland County	Outer	Upper	126,030	7
OH	Stark County	Outer	Upper	372,397	21
OH	Summit County	Outer	Upper	537,656	31
OH	Trumbull County	Outer	Upper	218,545	10
OH	Tuscarawas County	Outer	Upper	89,373	5
OH	Wayne County	Outer	Upper	109,876	6
PA	Armstrong County	Outer	Upper	70,050	4
PA	Bedford County	Outer	Upper	49,034	3
PA	Blair County	Outer	Upper	126,638	8
PA	Cambria County	Outer	Upper	149,136	9
PA	Clarion County	Outer	Upper	40,790	2
PA	Clearfield County	Outer	Upper	80,820	5
PA	Crawford County	Outer	Upper	88,045	5
PA	Elk County	Outer	Upper	33,614	2
PA	Erie County	Outer	Upper	275,877	16
PA	Forest County	Outer	Upper	4,946	0
PA	Indiana County	Outer	Upper	86,911	5
PA	Jefferson County	Outer	Upper	44,820	3
PA	Mercer County	Outer	Upper	117,728	7
PA	Somerset County	Outer	Upper	77,662	5
PA	Venango County	Outer	Upper	55,698	3
PA	Warren County	Outer	Upper	42,104	3
VA	Buchanan County	Outer	Upper	25,775	2
VA	Tazewell County	Outer	Upper	43,854	3
WV	Barbour County	Outer	Upper	15,557	1
WV	Boone County	Outer	Upper	25,262	1
WV	Braxton County	Outer	Upper	14,702	1
WV	Clay County	Outer	Upper	10,330	1
WV	Fayette County	Outer	Upper	47,157	3
WV	Gilmer County	Outer	Upper	7,160	0
WV	Grant County	Outer	Upper	11,299	1
WV	Greenbrier County	Outer	Upper	34,222	2
WV	Harrison County	Outer	Upper	67,884	4
WV	Lewis County	Outer	Upper	16,919	1
WV	Logan County	Outer	Upper	37,124	2
WV	McDowell County	Outer	Upper	25,977	2
WV	Mercer County	Outer	Upper	62,754	26
WV	Mineral County	Outer	Upper	26,474	2
WV	Mingo County	Outer	Upper	27,404	2
WV	Monongalia County	Outer	Upper	82,502	9
WV	Nicholas County	Outer	Upper	25,840	2
WV	Pendleton County	Outer	Upper	8,196	0
WV	Pocahontas County	Outer	Upper	9,131	1
WV	Preston County	Outer	Upper	28,794	2
WV	Raleigh County	Outer	Upper	78,628	5

State	County	Ribbon	Region	Census Population	Number Sampled
WV	Randolph County	Outer	Upper	28,074	2
WV	Summers County	Outer	Upper	12,999	1
WV	Taylor County	Outer	Upper	16,089	1
WV	Tucker County	Outer	Upper	7,321	0
WV	Upshur County	Outer	Upper	23,146	1
WV	Webster County	Outer	Upper	9,719	1
WV	Wyoming County	Outer	Upper	24,922	2
OUTER RIBBON—MIDDLE REGION					
IN	Adams County	Outer	Middle	33,370	2
IN	Bartholomew County	Outer	Middle	71,425	4
IN	Blackford County	Outer	Middle	14,048	1
IN	Brown County	Outer	Middle	14,957	1
IN	Clay County	Outer	Middle	26,179	2
IN	Decatur County	Outer	Middle	24,631	1
IN	Delaware County	Outer	Middle	116,636	7
IN	Fayette County	Outer	Middle	25,030	2
IN	Grant County	Outer	Middle	71,279	4
IN	Greene County	Outer	Middle	32,689	2
IN	Hamilton County	Outer	Middle	202,041	10
IN	Hancock County	Outer	Middle	56,996	3
IN	Hendricks County	Outer	Middle	109,498	9
IN	Henry County	Outer	Middle	47,154	3
IN	Jackson County	Outer	Middle	41,258	2
IN	Jay County	Outer	Middle	21,629	1
IN	Johnson County	Outer	Middle	118,085	7
IN	Lawrence County	Outer	Middle	45,359	3
IN	Madison County	Outer	Middle	131,600	8
IN	Marion County	Outer	Middle	871,754	51
IN	Martin County	Outer	Middle	10,369	1
IN	Monroe County	Outer	Middle	121,146	8
IN	Morgan County	Outer	Middle	66,065	7
IN	Owen County	Outer	Middle	21,293	1
IN	Putnam County	Outer	Middle	35,534	2
IN	Randolph County	Outer	Middle	26,519	2
IN	Rush County	Outer	Middle	18,261	1
IN	Shelby County	Outer	Middle	42,627	3
IN	Union County	Outer	Middle	7,349	0
IN	Wayne County	Outer	Middle	69,653	4
KY	Adair County	Outer	Middle	17,244	9
KY	Anderson County	Outer	Middle	19,218	1
KY	Bourbon County	Outer	Middle	19,360	1
KY	Boyle County	Outer	Middle	27,628	2
KY	Breathitt County	Outer	Middle	16,100	1
KY	Casey County	Outer	Middle	15,447	1
KY	Clark County	Outer	Middle	33,064	2
KY	Clay County	Outer	Middle	24,138	1
KY	Clinton County	Outer	Middle	9,634	1
KY	Cumberland County	Outer	Middle	7,147	0
KY	Estill County	Outer	Middle	15,307	1
KY	Fayette County	Outer	Middle	265,087	16
KY	Floyd County	Outer	Middle	41,775	3
KY	Franklin County	Outer	Middle	47,516	3
KY	Garrard County	Outer	Middle	14,792	1
KY	Green County	Outer	Middle	19,917	1
KY	Harlan County	Outer	Middle	31,992	2

State	County	Ribbon	Region	Census Population	Number Sampled
KY	Hart County	Outer	Middle	17,445	1
KY	Jackson County	Outer	Middle	13,495	1
KY	Jessamine County	Outer	Middle	39,986	2
KY	Johnson County	Outer	Middle	23,340	1
KY	Knott County	Outer	Middle	17,649	1
KY	Larue County	Outer	Middle	13,373	1
KY	Laurel County	Outer	Middle	53,265	3
KY	Lee County	Outer	Middle	7,916	0
KY	Leslie County	Outer	Middle	12,401	1
KY	Letcher County	Outer	Middle	24,465	2
KY	Lincoln County	Outer	Middle	23,587	1
KY	Madison County	Outer	Middle	73,205	4
KY	Magoffin County	Outer	Middle	13,332	1
KY	Marion County	Outer	Middle	18,212	1
KY	Martin County	Outer	Middle	12,578	1
KY	Menifee County	Outer	Middle	6,556	0
KY	Mercer County	Outer	Middle	20,829	1
KY	Metcalfe County	Outer	Middle	10,037	1
KY	Montgomery County	Outer	Middle	23,031	1
KY	Morgan County	Outer	Middle	13,948	1
KY	Owsley County	Outer	Middle	4,858	0
KY	Perry County	Outer	Middle	29,147	2
KY	Pike County	Outer	Middle	66,895	4
KY	Powell County	Outer	Middle	13,237	1
KY	Pulaski County	Outer	Middle	56,521	3
KY	Rockcastle County	Outer	Middle	16,582	1
KY	Russell County	Outer	Middle	16,315	1
KY	Scott County	Outer	Middle	35,384	2
KY	Taylor County	Outer	Middle	22,792	1
KY	Washington County	Outer	Middle	10,916	1
KY	Wayne County	Outer	Middle	19,758	1
KY	Wolfe County	Outer	Middle	7,065	0
KY	Woodford County	Outer	Middle	23,042	1
OH	Auglaize County	Outer	Middle	45,460	3
OH	Champaign County	Outer	Middle	38,284	2
OH	Clark County	Outer	Middle	141,835	9
OH	Clinton County	Outer	Middle	40,597	2
OH	Darke County	Outer	Middle	52,081	3
OH	Delaware County	Outer	Middle	121,927	8
OH	Fayette County	Outer	Middle	28,121	2
OH	Franklin County	Outer	Middle	1,083,588	64
OH	Greene County	Outer	Middle	146,544	9
OH	Logan County	Outer	Middle	45,334	3
OH	Madison County	Outer	Middle	39,789	2
OH	Mercer County	Outer	Middle	39,753	2
OH	Miami County	Outer	Middle	97,343	6
OH	Montgomery County	Outer	Middle	549,960	34
OH	Pickaway County	Outer	Middle	52,428	3
OH	Preble County	Outer	Middle	41,187	3
OH	Ross County	Outer	Middle	72,503	4
OH	Shelby County	Outer	Middle	47,405	3
OH	Union County	Outer	Middle	42,139	2
VA	Dickenson County	Outer	Middle	16,395	1
VA	Russell County	Outer	Middle	3,904	0
VA	Wise County	Outer	Middle	29,852	2

State	County	Ribbon	Region	Census Population	Number Sampled
VA	Norton city	Outer	Middle	39,519	2
OUTER RIBBON—LOWER REGION					
AR	Clay County	Outer	Lower	17,609	6
AR	Greene County	Outer	Lower	37,878	4
AR	Mississippi County	Outer	Lower	49,892	6
IL	Clark County	Outer	Lower	17,008	2
IL	Clay County	Outer	Lower	14,560	2
IL	Clinton County	Outer	Lower	34,753	4
IL	Crawford County	Outer	Lower	20,452	3
IL	Cumberland County	Outer	Lower	11,253	1
IL	Effingham County	Outer	Lower	33,299	4
IL	Fayette County	Outer	Lower	21,320	3
IL	Franklin County	Outer	Lower	38,980	5
IL	Jackson County	Outer	Lower	58,866	8
IL	Jasper County	Outer	Lower	10,117	1
IL	Jefferson County	Outer	Lower	39,223	5
IL	Lawrence County	Outer	Lower	15,452	2
IL	Marion County	Outer	Lower	40,398	5
IL	Monroe County	Outer	Lower	27,803	3
IL	Perry County	Outer	Lower	22,470	3
IL	Randolph County	Outer	Lower	33,193	4
IL	Richland County	Outer	Lower	16,149	2
IL	St. Clair County	Outer	Lower	22,006	3
IL	Shelby County	Outer	Lower	253,065	30
IL	Washington County	Outer	Lower	15,148	2
IL	Wayne County	Outer	Lower	17,151	2
IN	Daviess County	Outer	Lower	29,705	3
IN	Knox County	Outer	Lower	38,360	5
IN	Sullivan County	Outer	Lower	21,359	3
IN	Vigo County	Outer	Lower	104,896	13
KY	Allen County	Outer	Lower	17,800	4
KY	Barren County	Outer	Lower	38,325	23
KY	Butler County	Outer	Lower	13,010	2
KY	Christian County	Outer	Lower	76,662	8
KY	Edmonson County	Outer	Lower	11,644	1
KY	Logan County	Outer	Lower	25,875	3
KY	Monroe County	Outer	Lower	11,756	1
KY	Simpson County	Outer	Lower	16,405	2
KY	Todd County	Outer	Lower	11,971	1
KY	Warren County	Outer	Lower	94,578	11
MO	Bollinger County	Outer	Lower	12,029	1
MO	Butler County	Outer	Lower	40,822	5
MO	Cape Girardeau County	Outer	Lower	68,735	11
MO	Carter County	Outer	Lower	5,941	1
MO	Dunklin County	Outer	Lower	32,693	4
MO	Iron County	Outer	Lower	10,697	1
MO	Madison County	Outer	Lower	11,800	1
MO	Pemiscot County	Outer	Lower	20,047	2
MO	Perry County	Outer	Lower	18,132	2
MO	Reynolds County	Outer	Lower	6,689	1
MO	Ripley County	Outer	Lower	13,509	2
MO	Ste. Genevieve County	Outer	Lower	55,991	7
MO	St. Francois County	Outer	Lower	17,842	2
MO	Stoddard County	Outer	Lower	29,312	4
MO	Wayne County	Outer	Lower	13,259	2

State	County	Ribbon	Region	Census Population	Number Sampled
TN	Benton County	Outer	Lower	16,537	2
TN	Carroll County	Outer	Lower	29,006	4
TN	Cheatham County	Outer	Lower	35,855	4
TN	Clay County	Outer	Lower	7,976	1
TN	Crockett County	Outer	Lower	14,532	2
TN	Davidson County	Outer	Lower	587,034	71
TN	Decatur County	Outer	Lower	11,731	1
TN	Dickson County	Outer	Lower	43,522	5
TN	Dyer County	Outer	Lower	37,096	4
TN	Gibson County	Outer	Lower	47,843	6
TN	Haywood County	Outer	Lower	19,797	2
TN	Henderson County	Outer	Lower	25,718	3
TN	Henry County	Outer	Lower	30,940	4
TN	Hickman County	Outer	Lower	22,494	3
TN	Houston County	Outer	Lower	8,088	1
TN	Humphreys County	Outer	Lower	17,929	2
TN	Lake County	Outer	Lower	7,954	1
TN	Lauderdale County	Outer	Lower	26,799	3
TN	Macon County	Outer	Lower	20,275	2
TN	Madison County	Outer	Lower	92,474	11
TN	Montgomery County	Outer	Lower	139,802	21
TN	Obion County	Outer	Lower	32,075	4
TN	Perry County	Outer	Lower	7,631	1
TN	Robertson County	Outer	Lower	55,883	6
TN	Stewart County	Outer	Lower	12,370	2
TN	Sumner County	Outer	Lower	132,762	15
TN	Tipton County	Outer	Lower	50,977	6
TN	Trousdale County	Outer	Lower	7,259	1
TN	Weakley County	Outer	Lower	34,383	4

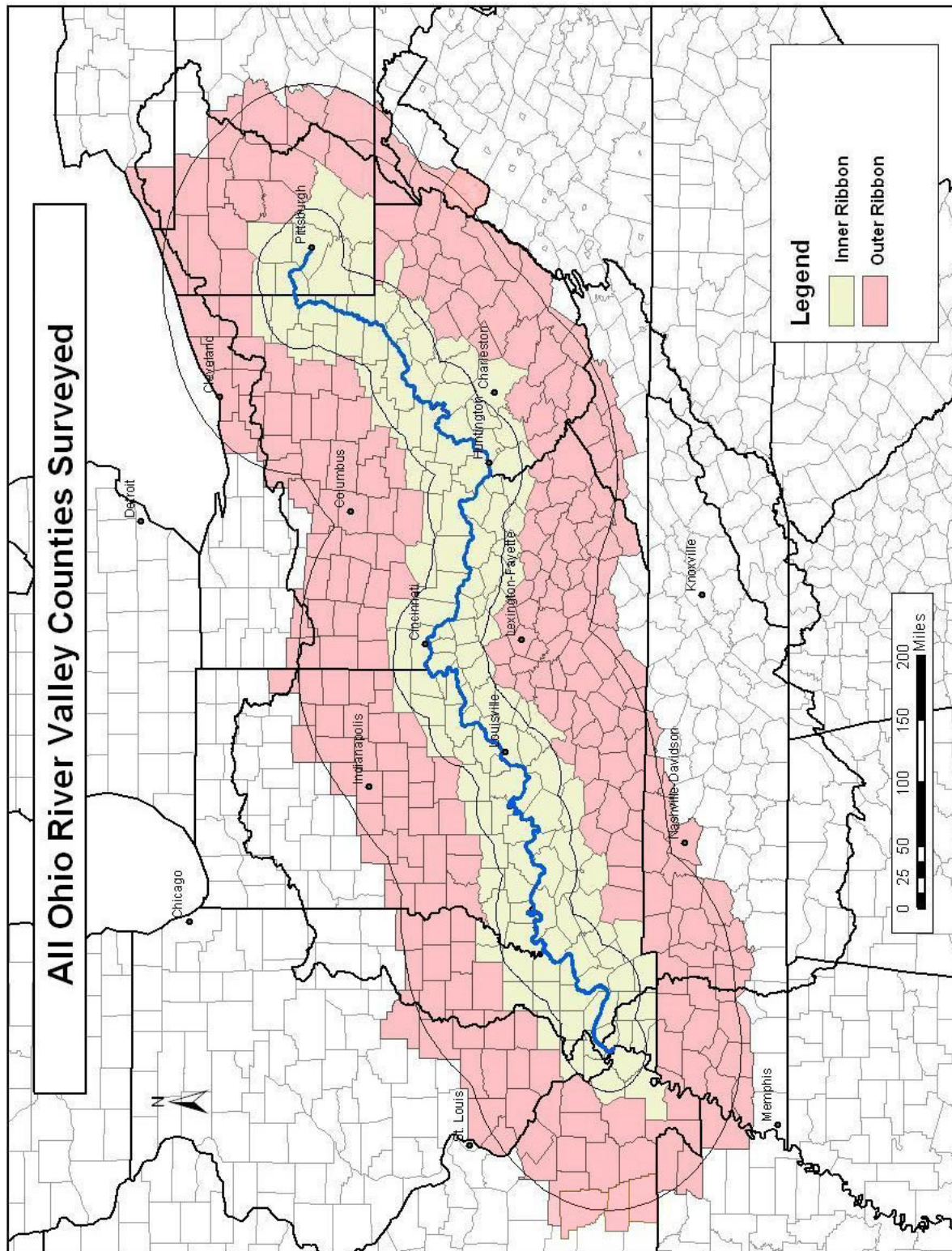
Figure 1. All Ohio River Valley Counties Surveyed

Figure 2. Arkansas Counties Surveyed

Figure 3. Illinois Counties Surveyed

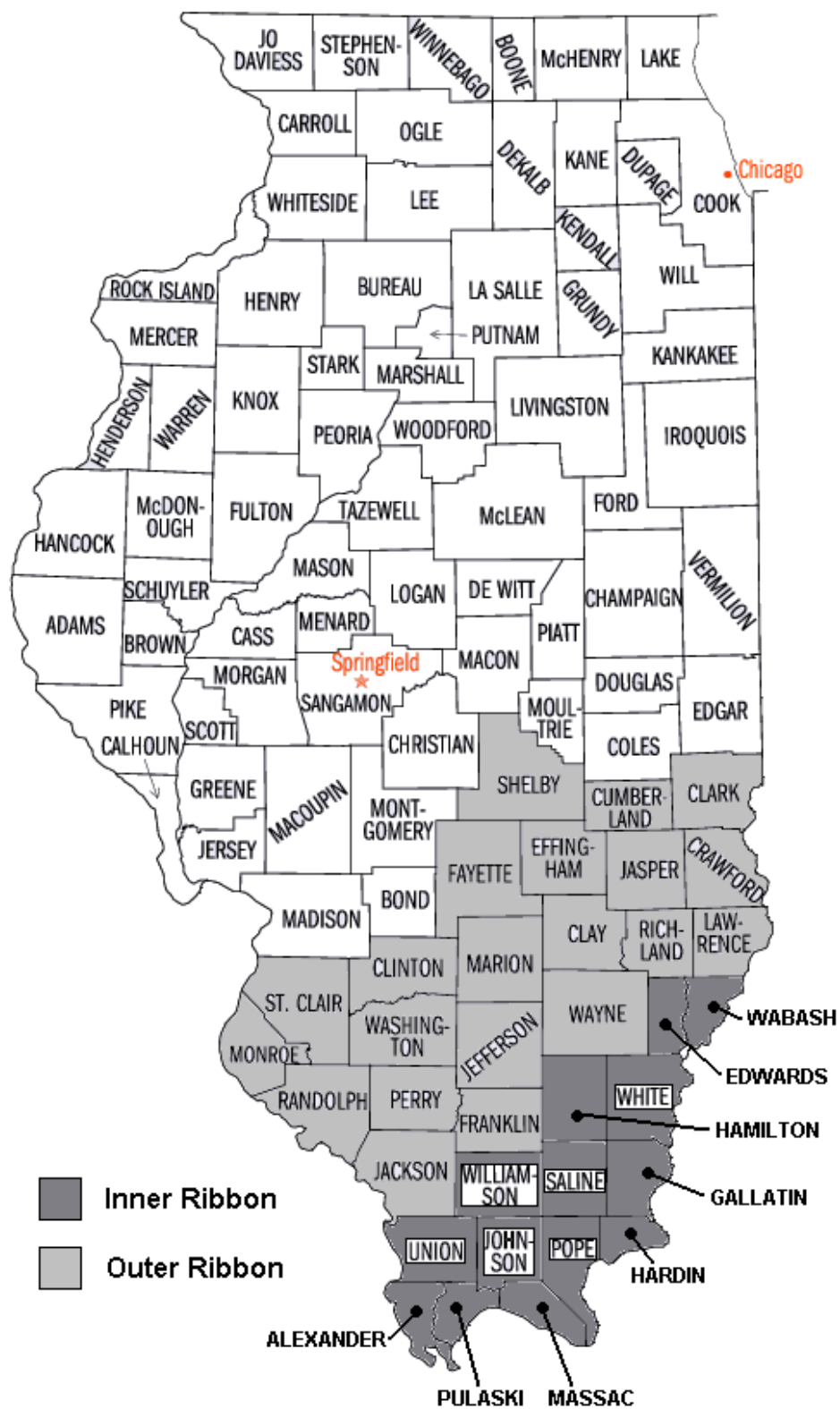


Figure 5. Kentucky Counties Surveyed

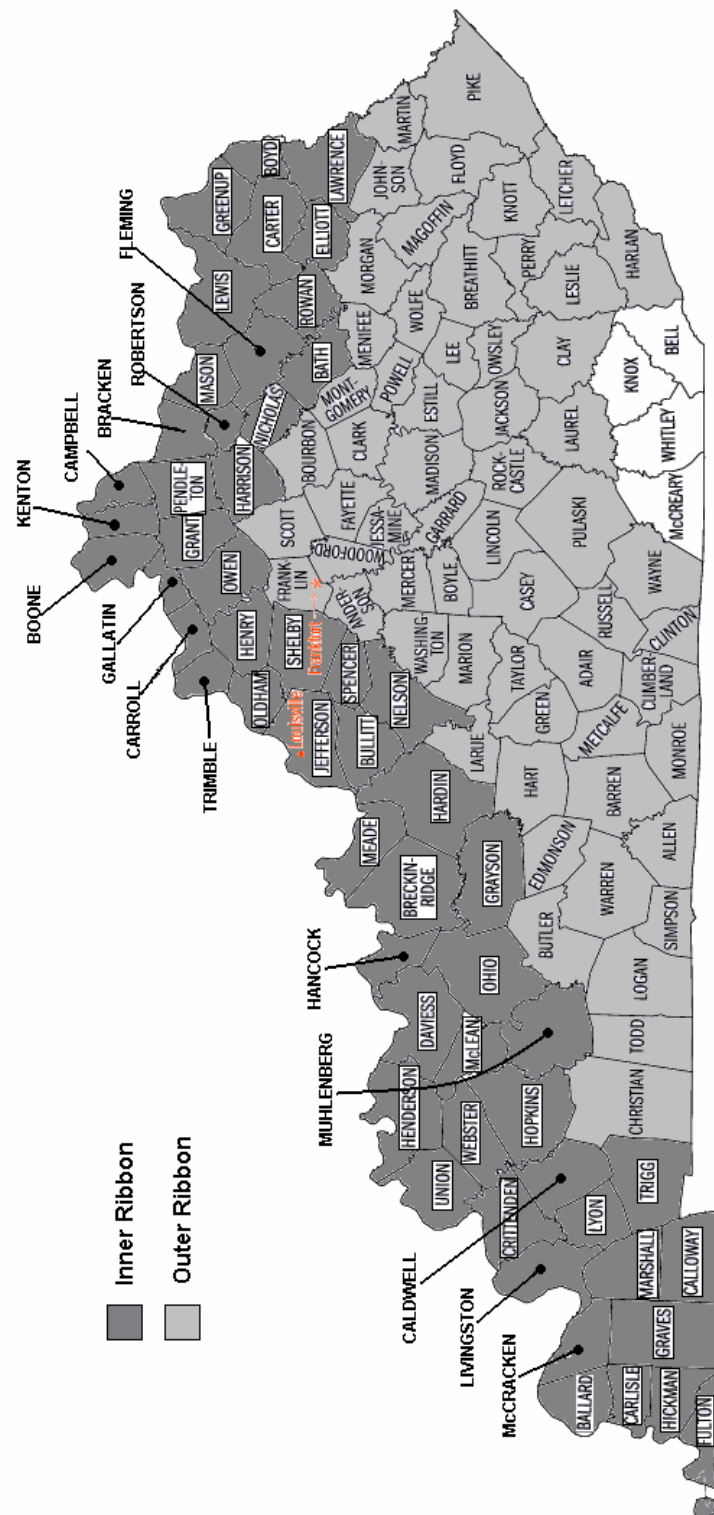


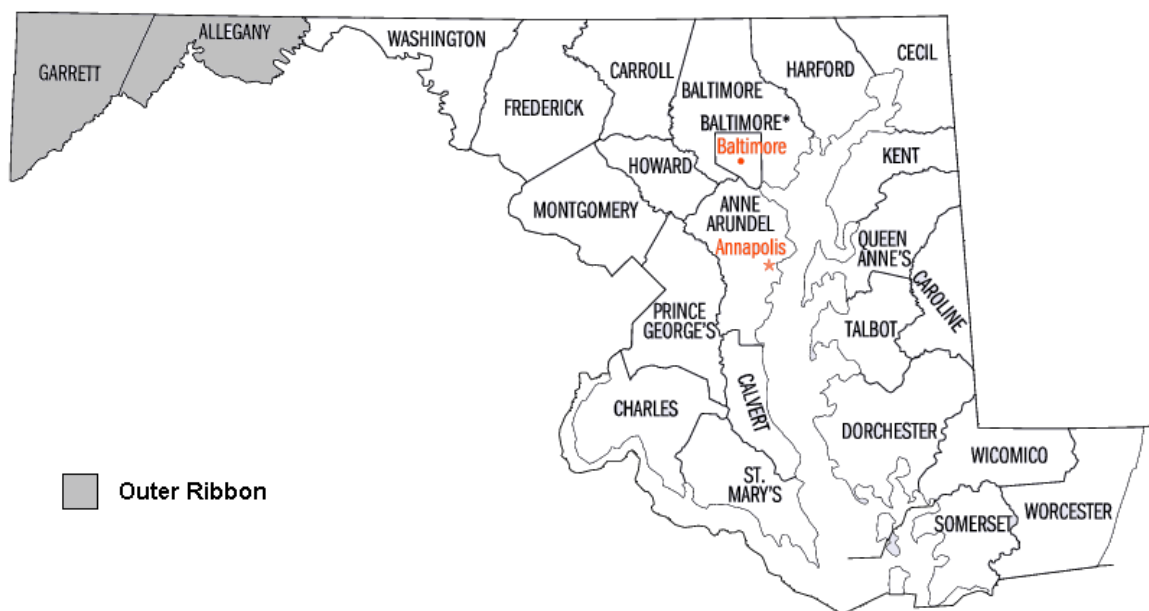
Figure 6. Maryland Counties Surveyed

Figure 7. Missouri Counties Surveyed

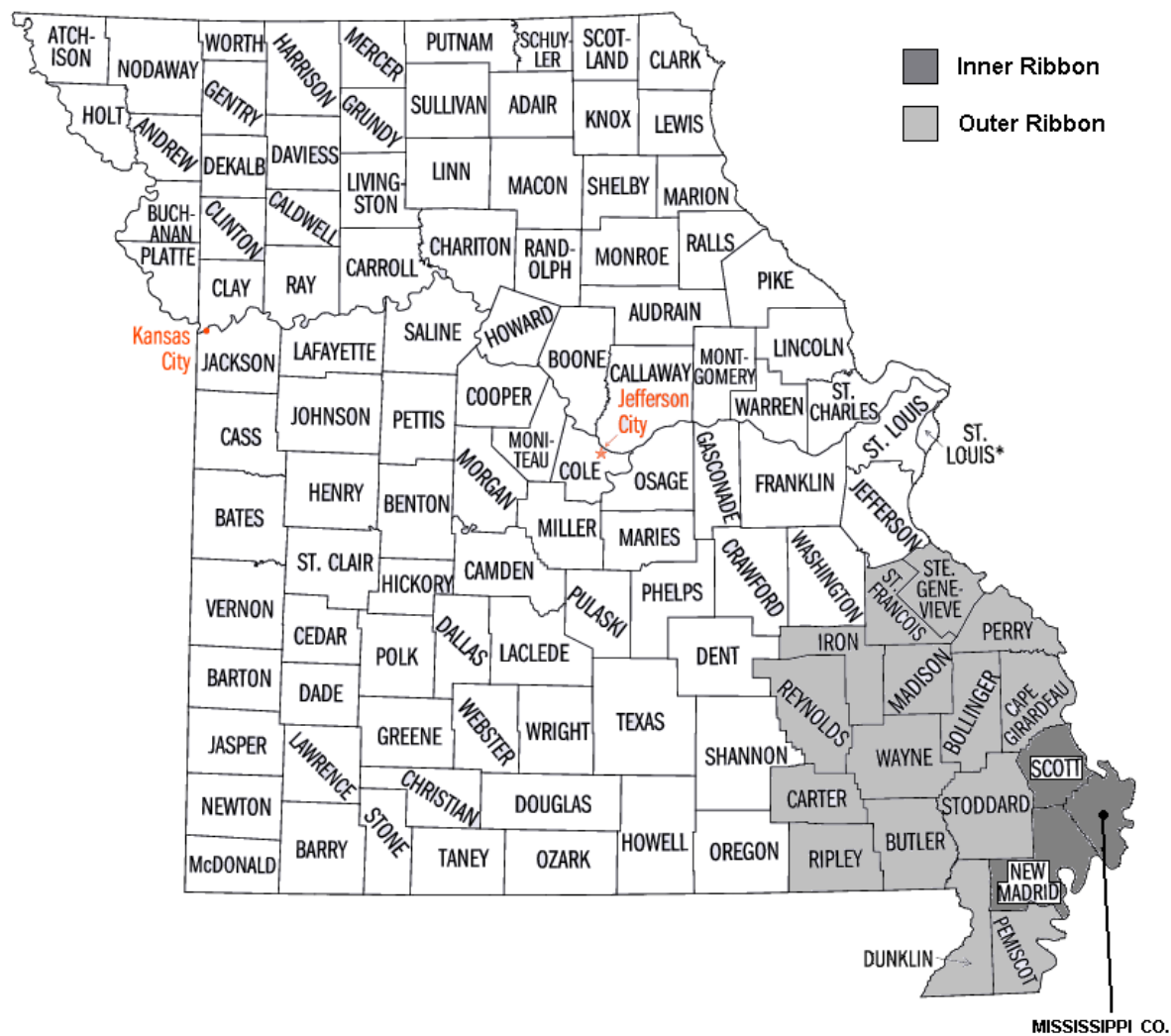


Figure 9. Ohio Counties Surveyed



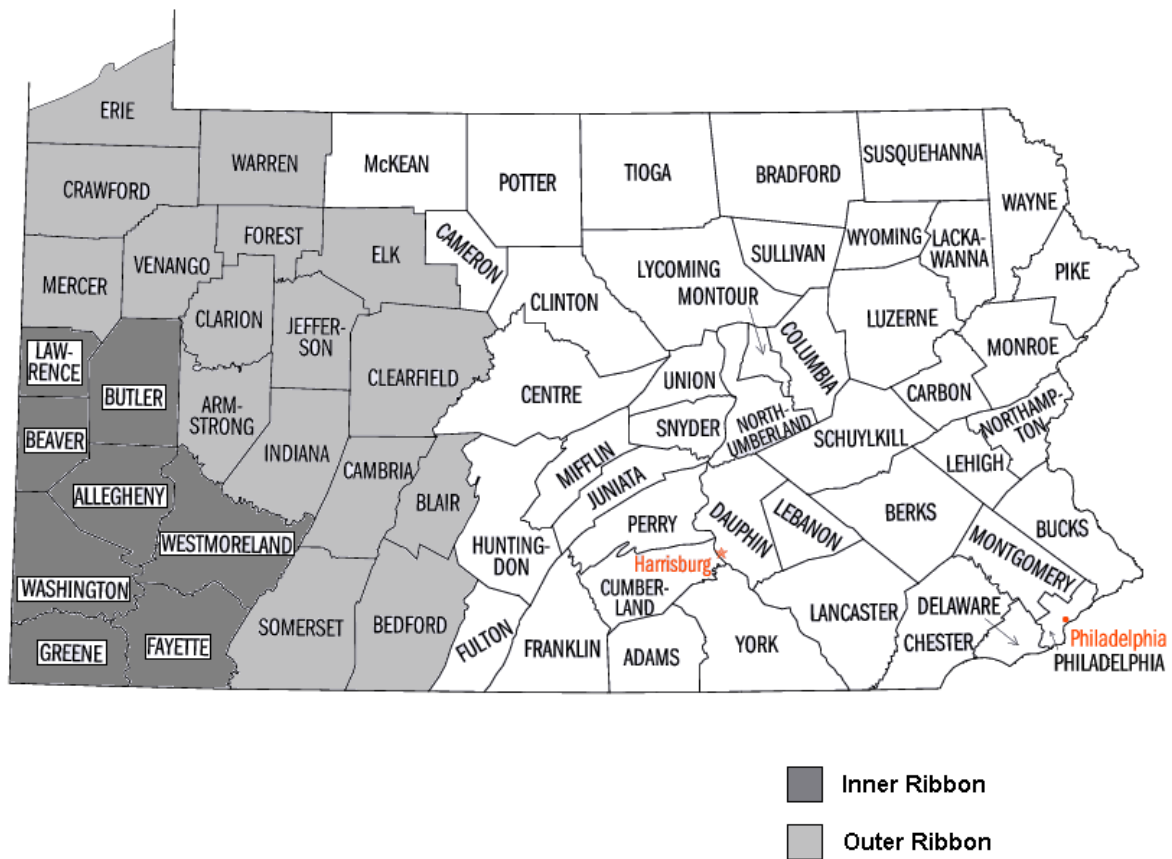
Figure 10. Pennsylvania Counties Surveyed

Figure 11. Tennessee Counties Surveyed

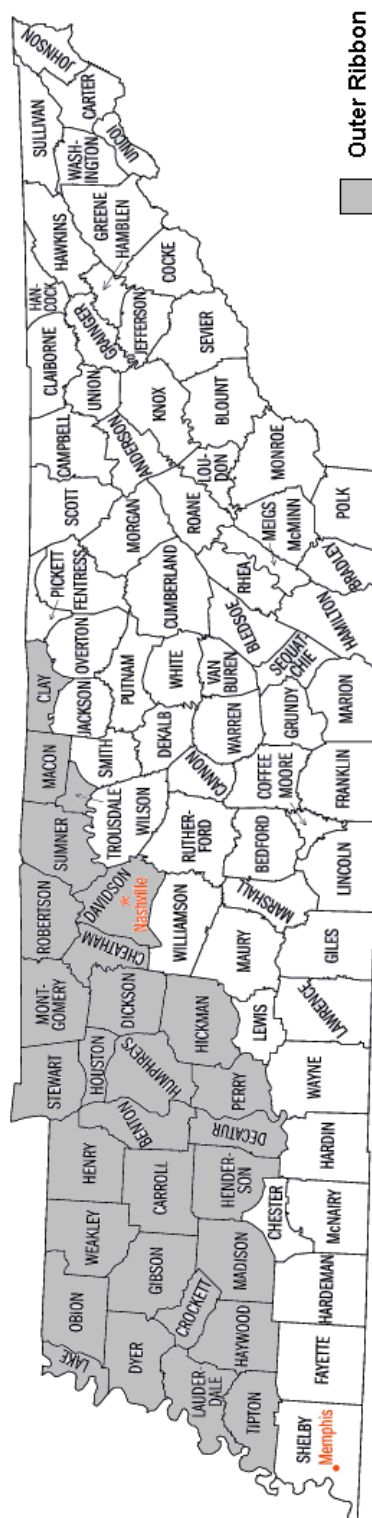
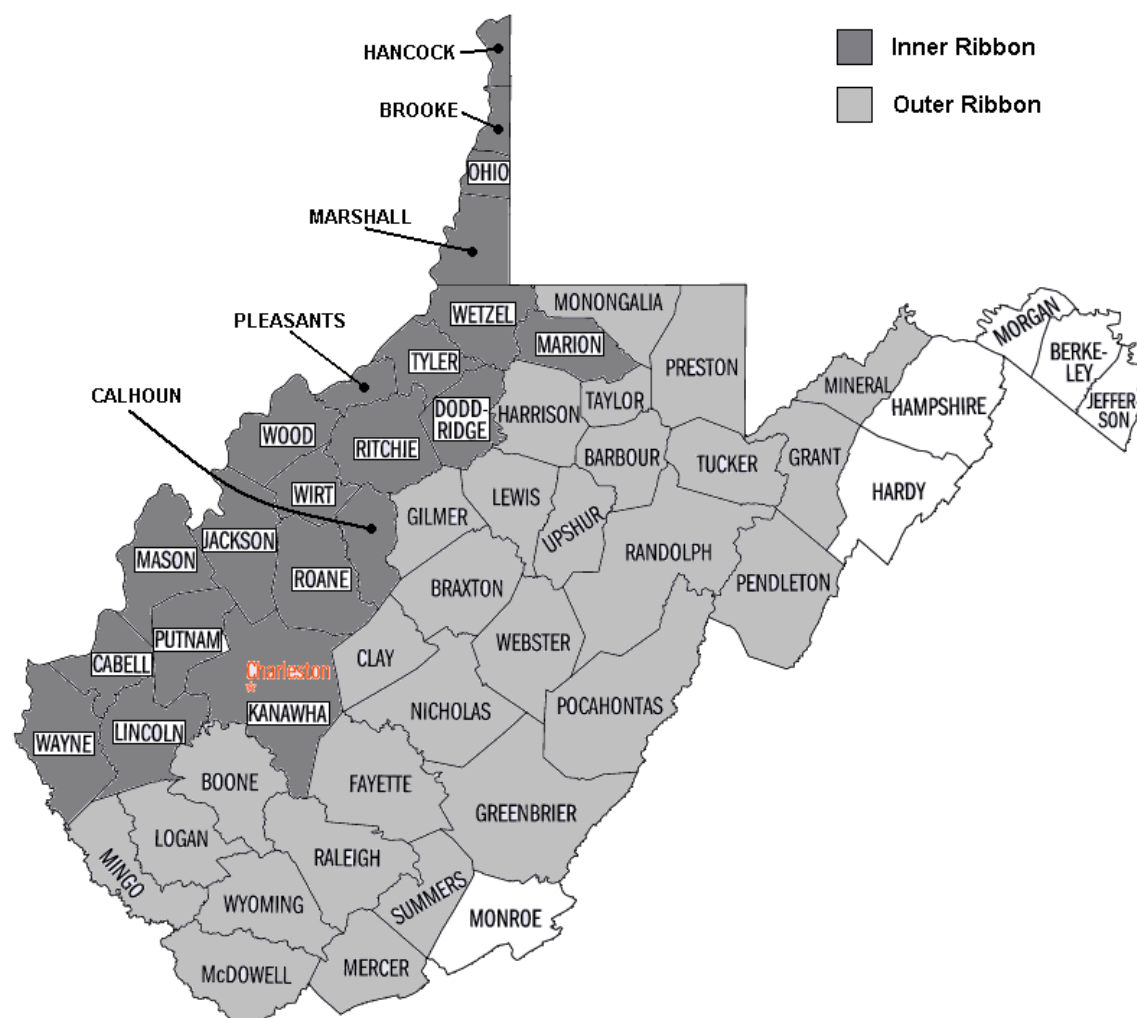


Figure 13. West Virginia Counties Surveyed

Telephone Interviewing Procedures and Facilities

Responsive Management maintains its own in-house telephone interviewing facilities. These facilities are staffed by interviewers with experience conducting computer-assisted telephone interviews on the subjects of natural resources and outdoor recreation. To ensure the integrity of the telephone survey data, Responsive Management's interviewers have been trained according to the standards established by the Council of American Survey Research Organizations. Methods of instruction included lecture and role-playing.

Telephone Survey Questionnaire Design

The telephone survey questionnaire was developed cooperatively by Responsive Management and ORSANCO. The survey had a main questionnaire and then separate questionnaires for each activity. The main telephone survey questionnaire and the power boating questionnaire (the latter of which is representative of each telephone survey questionnaire administered for all other individual contact recreation activities) are shown in Appendix D.

The questionnaire included several types of questions:

- Open-ended questions are those in which no answer set is read to the respondents; rather, they can respond with anything that comes to mind from the question.
- Closed-ended questions have an answer set from which to choose.
- Some questions allow only a single response, while other questions allow respondents to choose all that apply. Those that allow more than a single response are indicated on the graphs with the label, "Multiple Responses Allowed."
- Some closed-ended questions (but not all) use a scaled response set, such as strongly influenced, moderately influenced, or did not influence.

- Some questions are part of a series, and the results are primarily intended to be examined relative to the other questions in that series (although results of the questions individually can also be valuable).

Responsive Management conducted a pre-test of the questionnaire to ensure proper wording, flow, and logic in the survey.

Contact Procedures, Data Collection, and Questionnaire Programming Language

The Survey Center Managers and other professional staff conducted project briefings with the interviewers prior to the administration of this survey. Interviewers were instructed on study goals and objectives, handling of survey questions, interview length, termination points and qualifiers for participation, interviewer instructions within the survey instrument, reading of the survey instrument, skip patterns, and probing and clarifying techniques necessary for specific questions on the survey instrument.

Telephone survey interviews were conducted Monday through Friday from 9:00 a.m. to 9:00 p.m., Saturday from noon to 5:00 p.m., and Sunday from 5:00 p.m. to 9:00 p.m., local time. A five-callback design was used to maintain the representativeness of the sample, to avoid bias toward people easy to reach by telephone, and to provide an equal opportunity for all to participate. When a respondent could not be reached on the first call, subsequent calls were placed on different days of the week and at different times of the day.

The software used for data collection was QPL. The telephone survey data were entered into the computer as each interview was being conducted. The survey instrument was programmed so that QPL branched, coded, and substituted phrases in the survey based on previous responses to ensure the integrity and consistency of the data collection.

The Survey Center Managers and statisticians monitored the data collection, including monitoring of the actual telephone interviews without the interviewers' knowledge, to evaluate the performance of each interviewer and ensure the integrity of the data.

The survey was conducted from December 2008 through February 2009. Responsive Management obtained a total of 5,102 completed interviews, broken down as follows:

- 3,865 interviews of residents of counties within 25 miles of the Ohio River (the Inner Ribbon)
- 1,237 interviews of residents of counties that are located between 26 and 100 miles from the Ohio River (the Outer Ribbon)
- Of the 3,865 interviews of Inner Ribbon residents, 499 interviews were conducted with Inner Ribbon residents who participated in contact recreation activities on or in the Ohio River in the past 12 months
- Of the 1,237 interviews of Outer Ribbon residents, 8 interviews were conducted with Outer Ribbon residents who participated in contact recreation activities on or in the Ohio River in the past 12 months

After the surveys were obtained by the interviewers, the Survey Center Managers and/or statisticians checked each completed survey to ensure clarity and completeness.

Telephone Survey Sampling Error

Throughout this report, findings of the telephone survey are reported at a 95% confidence interval. For the entire sample of adult residents of the 200-mile-wide study area, the sampling error is at most plus or minus 1.37 percentage points. This means that if the survey were conducted 100 times on different samples that were selected in the same way, the findings of 95 out of the 100 surveys would fall within plus or minus 1.37 percentage points of each other. Sampling error was calculated using the formula that follows, with a sample size of 5,102 and a population size of 19,842,405 study area adult residents.

Sampling Error Equation

$$B = \left(\sqrt{\frac{N_p(.25)}{N_s} - .25} \right) \left(\frac{1.96}{N_p - 1} \right)$$

Where: B = maximum sampling error (as decimal)
 N_p = population size (i.e., total number who could be surveyed)
 N_s = sample size (i.e., total number of respondents surveyed)

Derived from formula: p. 206 in Dillman, D. A. 2000. *Mail and Internet Surveys*. John Wiley & Sons, NY.

Note: This is a simplified version of the formula that calculates the maximum sampling error using a 50:50 split (the most conservative calculation because a 50:50 split would give maximum variation).

The sampling error (+/- 1.37 percentage points) for this study applies to the entire adult sample for the 200-mile wide study area along the entire length of the Ohio River and is not applicable to any of the smaller segments of the river for all or specific recreation activities in the smaller segment. The sampling error for specific smaller segments of the river and for specific activities at a specific segment would be greater than 1.37 percentage points due to the smaller sample sizes for the smaller segments and would vary from segment to segment given the differing sample sizes for each segment. The sampling error is also not applicable to child participation or adult and child participation combined at any of the smaller segments of the river for all or specific recreation activities in the smaller segment.

ANALYSIS OF DATA

The analysis of data was performed using Statistical Package for the Social Sciences software as well as proprietary software developed by Responsive Management.

The telephone survey data were weighted by gender and age to match actual population proportions in the sampled counties. Weighting is an accepted statistical method used to increase the accuracy of the data and to ensure that data sets and populations match so the results of the data can be applied to the population being studied. For example, the telephone survey data for Athens County, Ohio, prior to being weighted had a gender distribution of 45% male and 55% female. The data for Athens County was weighted, or multiplied by the appropriate factor, to ensure that 48% of the adult sample for the county is male and 52% is female, matching the distribution of males and females in the adult population of that county according to the U.S. Census Bureau. The weight is applied to all data collected for the county. After weighting data to obtain the correct gender distribution by county, the data also yielded the correct gender

distribution by region and for the entire adult population for this study. The data were also weighted for age so the sample matched the age distribution of the population.

For the analysis of participation in contact recreation activities, Ohio River activities were categorized into the following:

- Primary contact recreation activities: operating a personal watercraft, kayaking, waterskiing/wakeboarding, tubing, swimming, and diving.
- Secondary contact recreation activities: power boating, sailing, canoeing, wading, fishing, and hunting.

The telephone survey obtained data about river users' participation at up to five access sites for each individual activity for an entire year. This differs from the intercepts and observations, which provide data about that single day only and were limited to that particular site.

Extrapolation of Contact Recreation Participation Data

The telephone survey was administered to a representative sample of adults (i.e., 18 years old or older) within the study population (please see the previous discussion in this section on the telephone survey sampling plan and sampling error). Because the sample is representative of the adult study population, it is acceptable to project the results of the telephone survey onto the adult population as a whole. For example, if 13% of survey respondents indicated they had personally participated in at least one of the primary or secondary contact recreation activities on or in the Ohio River in the past 12 months; this may also be referred to as a participation rate of 13%. The participation rate was then applied to the entire adult population, and it was reasonably concluded that approximately 13% of the adult population personally participated in at least one of the activities in the past 12 months. This type of projection is the most common purpose and application of survey research.

For this study, data analysis was taken one step further to calculate not only participation rates but to use the participation rates to extrapolate data for the entire population and calculate the total number of participants and the total number of contact recreation events that occurred in the past 12 months. The calculations of total numbers of participants and events were accomplished

by applying the participation rates (as well as other survey results where appropriate) to the U.S. Census Bureau population data so that the totals could be projected for the entire adult population. The extrapolations and calculations were also performed at the region and county levels. The equations used for the calculations follow.

Equation to Determine Total Number of Participants

$X = \left(\frac{\text{Number of Adult Respondents Who Participated in Contact Recreation}}{N_s} \right) (N_p)$	<p>Where:</p> <p>X = total number of participants</p> <p>N_p = population size (i.e., total number who could be surveyed)</p> <p>N_s = sample size (i.e., total number of respondents surveyed)</p>
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Equation To Determine Total Number of Contact Recreation Events

$Y = \left(\frac{\text{Number of Contact Recreation Events}}{N_s} \right) (X)$	<p>Where:</p> <p>Y = total number of events</p> <p>X = total number of participants (determined in equation above)</p> <p>N_s = sample size (i.e., total number</p>
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The telephone survey of adults asked respondents about the participation in contact recreation activities on or in the Ohio River among children age 17 or younger living in the household. Respondents with children living in the household who had participated in contact recreation activities were asked how many of the children had participated, in what events, and how many days the children participated in each activity. The calculations for the total numbers of participants and events were calculated using survey data, U.S. Census Bureau population data for children, and the same equations used to calculate the total numbers for adults (shown above) but using participant, population, and sample sizes for children. For the purposes of this study, the total number of children reported as living in households of respondents was used as the sample size.

The total numbers of participants and events among the adult and child populations were calculated and were then combined to achieve total numbers of participants and events for the entire study population (all ages). Although total numbers of participants and events were calculated using the same methods for adults and children and then combined for results for the entire study population, it is important to note that adult data and child data differed in two ways: data collection method and assumptions used for data extrapolation.

Extrapolation of Children's Participation Data

Data on child participation was collected by proxy. Data collection by proxy regarding children is an accepted survey technique. While adults were asked directly about their participation in contact recreation on or in the river, children were not interviewed but rather adult survey respondents reported child participation.

The survey asked about which contact recreation events children participated in and how many days they participated in the past 12 months; however, these questions were not asked for each individual child in the household who had participated in contact recreation but for all children participants as a group. Therefore, it was necessary to apply some assumptions to the data on children's participation so that data could be extrapolated and total numbers of participants and events among children could be calculated using the same methods used to calculate total numbers for adults.

As a result of the proxy surveys and assumptions for data extrapolation, total numbers for participants and events among children, as well as among adults and children combined, should be considered estimations. The assumptions used include the following:

- If a respondent had more than one child living in the household who participated in contact recreation and indicated that the children collectively participated in more than one activity, it was assumed that *not* all children participated in all activities named. For example, if a household had three children who participated in contact recreation and reported three activities in which the children participated, it is known that at least one child participated in each of the three activities (otherwise the activity would not have been named by the respondent); however, it is unknown if more than one child participated in each or any of the three activities. To estimate the number of children in the household who participated in each activity, the number of children who participated was calculated as one plus half the remaining number of children for each activity. Using the example already given of three children and three activities, an estimation was made based on the assumption that each of the remaining two children may or may not have participated. Therefore, a value of 0.5 was assigned for each child to the activity so that the estimation of total participation among the

three children was less likely to be overestimated or underestimated. Thus, in the example household with three children, the assigned estimation of the number of children who participated per activity is 2 (i.e., $1 + 0.5 + 0.5 = 2$).

- The survey asked about the number of days of children's participation collectively per activity; however, the number of days per child per activity is unknown. If the number of days reported for an activity was 10 or less, it was assumed that each child who participated in the activity participated for the total number of days. However, if the number of days reported for an activity was greater than 10 and the respondent had more than one child living in the household who participated in contact recreation, it was assumed that not all children participated in the activity for the total number of days. For example, if a household had three children who participated in contact recreation and reported having participated in swimming for a total of 12 days, it is unknown, and perhaps unlikely, that each child participated in swimming 12 days (for a total of 36 swimming days and/or events). Therefore, when the number of days reported was greater than 10, the total number of days was divided by the number of children living in the household who participated in contact recreation. Using the same example as above with three children who participated in contact recreation and participated in swimming for a total of 12 days, each child was assigned a value of 4 (i.e., $12 / 3 = 4$) days of swimming.
- The survey did not ask the location or access point at which the children participated in contact recreation activities. Therefore, it was assumed that children participated in activities at the same locations or access points at which the parent or guardian (i.e., adult survey respondent) participated in his/her reported activities. If the parent or guardian did not know the location of his/her activities or did not participate in any activities, the respondent's county of residence was assigned to the children's participation if it bordered the Ohio River (i.e., was within the Inner Ribbon of the sample).
- The survey did not ask when the children participated in contact recreation activities. Therefore, it was assumed that children participated in an activity at approximately the same time at which the parent or guardian participated in the same activity. Each child's days of

participation were allocated to months proportionately to the distribution of the parent or guardian's allocation of days of participation among the months. If a child's parent or guardian did not participate in an activity in which the child participated, then allocation of the child's days of participation was proportionate to the parent or guardian's overall distribution of participation in all activities. If a child's parent or guardian did not participate in any activities at all, the child's allocation of days of participation was proportionate to the distribution of days of participation in that activity among adult participants overall for the study.

Calculation of Fish Consumption Data

Calculations to determine typical fish consumption among Ohio River Valley residents were performed using the following steps:

- Each adult survey respondent age 18 years old or older and residing in the Inner Ribbon was included in the calculations, including those who did not eat any freshwater fish at all in the past 12 months. Although some estimates are shown for the entire adult study population (labeled as "Inner and Outer Ribbon Combined") in the section titled, "Fish Consumption," it is important to note that the sample size for fish consumption among outer ribbon residents is too small to report reliably. Therefore, unless otherwise noted, reported fish consumption data and estimates are among Inner Ribbon residents only.
- In the survey, each adult survey respondent who ate freshwater fish was asked how many meals with freshwater fish he/she typically ate per month in the past 12 months. The typical number of meals per month per person was multiplied by 12 to calculate the typical number of meals per person for the year.
- In the survey, each adult survey respondent who ate freshwater fish was asked if he/she usually ate a portion that was "smaller," "about the same," or "larger" than 8 ounces. (Note that 8 ounces was described to respondents as the size of a thin paperback book, a description used by the American Cancer Society.)

- Next, a number was assigned to represent the responses for portion size. Those who reported that they usually ate a portion about the same as 8 ounces were assigned a value of 8 (note that those who previously indicated they did not eat any freshwater fish in the past 12 months were assigned a value of 0). Numeric values for “smaller” and “larger” responses were assigned using SPSS, computer data analysis software used for this study, which assigned a random number between 2 and 7 ounces for “smaller” responses and between 9 and 14 for “larger” responses.
 - A range beginning with 2 ounces was chosen for “smaller” portions because it was assumed very few people would eat 1 ounce or less for a serving of fish; this range resulted in six whole numbers less than 8 ounces that the computer could randomly assign. Thus, six whole numbers with a value higher than 8 (beginning with 9 for a continuum) were made available (i.e., 9 to 14) to randomly assign values for “larger” portions.
- To estimate the total amount of fish consumed annually, the typical number of meals for the past 12 months was multiplied by the usual portion size value to obtain the total number of ounces consumed by each respondent in the past 12 months. These calculations were used to extrapolate data for the adult study population.
- The totals, which were initially calculated in ounces, were converted into grams (1 ounce = 28.3495231 grams).
- After converting the total amount of fish consumed by each respondent to grams, these totals were compiled to estimate the total number of grams of freshwater fish eaten annually. These calculations were used to extrapolate data and estimate the total number of grams of freshwater fish eaten annually for the adult population (see Table 41 in the section of this report titled, “Fish Consumption”).
- The totals eaten annually per person and for the adult population were divided by 365 to obtain the estimated number of grams eaten daily (see Table 41).

- After calculating the estimated number of grams of freshwater fish eaten daily per respondent, the 90th percentile was determined (see Table 42).
- These estimates were also used to calculate the mean and median number of grams of freshwater fish eaten daily per person (see Table 43).
- The calculations for overall freshwater fish consumption were repeated for Ohio River fish consumption (see Tables 41 – 43). It is important to note, however, that respondents were not asked about the usual portion size of Ohio River fish and the valued assigned to respondents' usual portion size for *all* freshwater fish consumption was used in the calculations for the portion size for Ohio River fish consumption.

PRESENTATION OF DATA AND RESULTS

Although the methodologies for the three phases of the study—intercepts, observations, and telephone survey—are discussed in chronological order of implementation, note that in the following presentation and discussion of data and results the telephone survey data are presented and discussed first. The telephone survey data are presented first in the following discussion of results because the population size and sampling error are known for this phase of the study, ensuring the representativeness of the sample. The telephone survey data are followed by a discussion of the triangulation of the three methods used and comparison of results across methods. Finally, the intercept survey and field observation results are presented.

TELEPHONE SURVEY RESULTS

SUMMARY TABLES

Some of the most important results of the telephone survey are presented in Tables 4 – 6 that follow.

Table 4.1. Summary of Adult Participation Data in 2008

Ohio River Recreation - Adults						
		Number of Participants	Number of Participants: All Activities	Number of Events	Mean Number of Activities Per Person	Mean Number of Events Per Person
Total Contact Recreation		918,430	2,664,761	37,689,869	2.90	14.14
Total Primary Contact Recreation		353,079	833,522	12,309,119	2.36	14.77
Total Secondary Contact Recreation		750,867	1,831,239	25,380,749	2.44	13.86
Upper River Region	Region Total	374,224	716,502	9,554,829	1.91	13.34
	Primary Contact	133,343	192,663	2,243,811	1.44	11.65
	Secondary Contact	314,436	523,839	7,311,018	1.67	13.96
Middle River Region	Region Total	422,600	915,650	11,247,782	2.17	12.28
	Primary Contact	167,142	314,021	3,667,571	1.88	11.68
	Secondary Contact	319,809	601,629	7,580,211	1.88	12.60
Lower River Region	Region Total	121,606	408,528	7,573,102	3.36	18.54
	Primary Contact	52,594	137,707	3,347,199	2.62	24.31
	Secondary Contact	116,622	270,821	4,225,903	2.32	15.60
Unknown		--	624,080	9,202,482	--	14.75

Table 4.2. Summary of Child Participation Data in 2008

Ohio River Recreation - Children						
		Number of Participants	Number of Participants: All Activities	Number of Events	Mean Number of Activities Per Person	Mean Number of Events Per Person
Total Contact Recreation		288,937	482,982	3,741,679	1.67	7.75
Total Primary Contact Recreation		130,129	180,996	1,395,266	1.39	7.71
Total Secondary Contact Recreation		226,609	301,985	2,346,413	1.33	7.77
Upper River Region	Region Total	125,388	145,870	1,050,518	1.16	7.20
	Primary Contact	45,072	53,101	304,964	1.18	5.74
	Secondary Contact	106,232	92,769	745,555	0.87	8.04
Middle River Region	Region Total	135,137	284,866	2,226,724	2.11	7.82
	Primary Contact	57,657	112,066	916,688	1.94	8.18
	Secondary Contact	108,581	172,800	1,310,035	1.59	7.58
Lower River Region	Region Total	28,412	52,245	464,437	1.84	8.89
	Primary Contact	11,796	15,829	173,613	1.34	10.97
	Secondary Contact	27,400	36,416	290,823	1.33	7.99
Unknown		--	0	0	--	0

Table 4.3. Summary of Adult and Child Participation Data Combined in 2008

Ohio River Recreation - Adults and Children Combined						
		Number of Participants	Number of Participants: All Activities	Number of Events	Mean Number of Activities Per Person	Mean Number of Events Per Person
Total Contact Recreation		1,207,367	3,147,743	41,431,547	2.61	13.16
Total Primary Contact Recreation		483,208	1,014,519	13,704,385	2.10	13.51
Total Secondary Contact Recreation		977,476	2,133,224	27,727,163	2.18	13.00
Upper River Region	Region Total	499,612	862,373	10,605,347	1.73	12.30
	Primary Contact	178,415	245,765	2,548,774	1.38	10.37
	Secondary Contact	420,668	616,608	8,056,573	1.47	13.07
Middle River Region	Region Total	557,737	1,200,516	13,474,505	2.15	11.22
	Primary Contact	224,799	426,087	4,584,259	1.90	10.76
	Secondary Contact	428,390	774,429	8,890,246	1.81	11.48
Lower River Region	Region Total	150,018	460,773	8,037,539	3.07	17.44
	Primary Contact	64,390	153,536	3,520,812	2.38	22.93
	Secondary Contact	144,022	307,237	4,516,726	2.13	14.70
Unknown		--	624,080	9,202,482	--	14.75

When using Tables 4.1, 4.2, and 4.3 above and the presentation of telephone survey participation data for the remainder of this report, it is important to note the following:

- “Number of Participants” includes people who may have participated in more than a single activity; a person who participated in more than one activity are counted as only 1 participant. “Number of Participants: All Activities” counts each person in each activity and then sums them (e.g., a person participating in 3 activities is counted as 3 participants).
- The “Number of Participants” for “Total Primary Contact Recreation” and the “Number of Participants” for “Total Secondary Contact Recreation” does not equal the overall “Number of Participants” for “Total Contact Recreation” because individuals could participate in more than one type of contact recreation.
- The estimated “Number of Participants” for the Upper, Middle, and Lower River Regions were determined using the respondent’s county of residence. The “Number of Participants: All Activities,” “Numbers of Events,” and “Mean Number of Events” for the Upper, Middle, and Lower River Regions are based on the region in which the respondent participated. The calculations of the “Mean Number of Activities Per Person” for the Upper, Middle, and

Lower River Regions assumes that individuals participated in the same region in which they live.

- The “Mean Number of Events Per Person” for the Upper, Middle, and Lower River Regions includes participation in all activities for the recreation category (i.e., total, primary, or secondary). Based on the mean number of events and activities, the assumption was made that, if a participant used the Ohio River for 3 activities for a total of 15 times, this individual participates in each activity 5 times a year.

Table 5. Estimated Total Grams of Freshwater Fish Consumption in 2008

	All Freshwater Fish (in grams)		Ohio River Freshwater Fish (in grams)	
	Inner Ribbon	Inner and Outer Ribbon Combined*	Inner Ribbon	Inner and Outer Ribbon Combined*
Estimated total grams eaten <i>annually</i>	38,293,917,082	48,408,361,065	4,712,166,082	5,985,916,976
Estimated total grams eaten <i>daily</i>	104,914,841	132,625,647	12,910,044	16,399,773
Mean number of grams eaten <i>daily</i>	14.97	--	1.63	--

*Sample size for Outer Ribbon too small to report data for fish consumption reliably.

Table 6. Estimated Mean, Median, and 90th Percentile of Fish Consumed Daily Per Person in 2008 Among Inner Ribbon Residents

Inner Ribbon	All Freshwater Fish (in grams)			Ohio River Freshwater Fish (in grams)		
	Mean	Median	90th Percentile*	Mean	Median	90th Percentile*
Upper Region	13.19	2.80	33.55	0.90	0	0
Middle Region	15.94	7.46	37.28	1.50	0	0
Lower Region	15.39	7.46	39.15	3.07	0	9.32
Inner Ribbon Total	14.97	6.52	37.28	1.63	0	1.86

*90th Percentile: 90% of those who reside within 25 miles of the Ohio River consumed the number of grams indicated or less per person per day in 2008.

PARTICIPATION IN OHIO RIVER-BASED RECREATION

Numbers of Events and Participants

The number of participants for each activity and within each section of the river was estimated for 2008 by determining the ratio of number of participants from a particular county to the total number of individuals within the sample from that county and multiplying that ratio by the county's population. This provides an estimate of the number of participants from that county for that activity; these individual county estimates were then summed for the various sections of river. All data pertain to participation in 2008. The data are shown in Tables 7 to 40.

Again, please note that the telephone survey data for both adults and children presented in the tables on the following pages were weighted by gender and age to match actual population proportions in the sampled states (please see the discussion on weighting in the section of this report titled, "Analysis of Data").

Because the survey asked respondents about their activities at up to five different access points within each activity and within each month, participation estimates required approximately 10,000 data runs. The results were then compiled into the tables that are presented on the following pages.

A monthly breakdown of participation is also included. Note that the totals from each month will not equal the overall total number of events because some individuals did not know in which months they participated in a given activity. If an individual was unsure of the month in which he/she participated, he/she was assigned the average number of events for the year for the activity, and these totals are included within the total number of events.

If an individual indicated that he/she participated in a particular month but was unsure of the total number of days of participation for that month, the individual was assigned the average number of events for that month. This value is then reflected in both the annual and monthly data.

The overall number of participants includes individuals who participated in more than one activity.

The telephone survey examined participation in specific activities that were most likely to result in primary or secondary contact with water from the Ohio River. For the purposes of this study, primary contact recreation consists of the following activities that may result in full body immersion in and/or ingestion of water: swimming, waterskiing or wakeboarding, tubing, diving, operating a personal watercraft (PWC), and kayaking. Secondary contact recreation consists of the following activities that may result in incidental contact with water but not full body immersion in nor ingestion of water: wading, fishing, hunting, power boating (not including PWC), canoeing, and sailing.

In Tables 7 and 8, if the survey only sampled a single individual from the county and that person participated in Ohio River-based recreation, the assumption was made that 100% of the county did *not* participate in Ohio River-based recreation, despite that extrapolation of the data would result in a 100% participation rate, or all individuals participating, for that county. For such cases, the number of participants from that county was instead assigned based on the proportion of participants in the overall ribbon and region in which that county was located. There were nine such cases in which the survey only sampled a single individual from the county and a participation rate for that county was assigned based on the proportion of participants in the overall ribbon and region.

Some of the findings from the following data include:

- Secondary contact recreation activities appear to be more popular with more total participants and more total events than for primary contact recreation activities among adults and children. However, the average (mean) number of activities per person and the average number of events per person are similar for primary contact recreation and secondary contact recreation with approximately 2 activities per person and approximately 13 events per person for either type of recreation (see Table 4.3 in the section titled, “Summary Tables”).
- The Middle River Region is the most popular portion of the river for recreation activities overall. However, the Lower River Region has the highest average (mean) number of activities per person and average number of events per person for adults and children

combined with approximately 3 activities per person and 17 events per person for all contact recreation (see Table 4.3 in the section titled, “Summary Tables”).

- Inner Ribbon counties with the highest rates of participation in contact recreation on or in the Ohio River in the past 12 months (50% participation rate or higher) among adult and children combined are Jackson County, Ohio, Upper Region (71.3%), Jefferson County, Indiana, Middle Region (71.0%), and Calhoun County, West Virginia, Upper Region (70.2%). Several other Inner Ribbon counties also have participation rates of 50% or greater: Ritchie County, West Virginia, Upper Region (56.4%), Noble County, Ohio, Upper Region (54.7%), and Crawford County, Indiana, Middle Region (51.9%). Not including Inner Ribbon counties with a participation rate of 0%, Inner Ribbon counties most commonly have a participation rate of less than 30% (see Table 8.3). (Note that these are counties of residence among participants and not location where participation occurred.)
- The Outer Ribbon county with the highest rate of participation in contact recreation on or in the Ohio River in the past 12 months is Shelby County, Indiana, Middle Region, with a participation rate of 13.4%. Several other Outer Ribbon counties have participation rates of approximately 9%: Barren County, Kentucky, Lower Region (9.6%), Cape Girardeau County, Missouri, Lower Region (9.6%), and Adair County, Kentucky, Middle Region (8.8%). Otherwise, participation rates for counties in the Outer Ribbon were very low (see Table 8.3). (Note that these are counties of residence among participants and not location where participation occurred.)
- Mile segments 0 to 50 and 451 to 500 have the highest rates of contact recreation among all 50-mile segments: 11.2% of all contact recreation participation among adult and child participants combined occurred between miles 0 and 50 and 12.1% occurred between miles 451 and 500 (see Table 9.3). These two segments also have the highest rates of activity when examining primary contact recreation and secondary contact recreation separately (see Table 10.3).

- Fishing is the most popular activity with the greatest number of participants among adult and children combined, followed by power boating and swimming. Hunting is by far the least popular activity on or in the Ohio River with the least number of participants; not including hunting, sailing and diving are the least popular contact recreation activities (see Tables 11 – 23).
- Swimming most commonly occurred in the Middle River Region. Mile segments with the greatest number of participants in swimming are mile segments 451 to 500 and 551 to 600 (see Table 11.3).
- Waterskiing / wakeboarding most commonly occurred in the Middle River Region. Mile segments with the greatest number of participants in waterskiing / wakeboarding is fairly evenly split between mile segment 0 to 50 and 451 to 500 (see Table 12.3).
- Tubing most commonly occurred in the Middle River Region. Mile segments with the greatest number of participants in tubing are mile segments 0 to 50 and 451 to 500 (see Table 13.3).
- Diving most commonly occurred in the Middle River Region with the greatest number of diving participants on mile segment 451 to 500 (see Table 14.3).
- Operating a personal watercraft most commonly occurred in the Middle River Region with the greatest number of participants on mile segment 451 to 500 (see Table 15.3).
- The majority of kayaking activity took place in the Upper River Region with over half of the total number of participants kayaking on mile segment 0 to 50. (See Table 16.3).
- Wading most commonly occurred in the Middle River Region. Mile segments with the greatest number of participants in wading are mile segments 351 to 400 and 551 to 600 (see Table 17.3).

- Fishing activity was fairly evenly split between the Upper and Middle River Regions with about a third of all fishing participants each in both regions. The greatest number of fishing participants fished on mile segment 0 to 50 (see Table 18.3).
- The majority of hunting took place in the Lower River Region with the greatest number of participants hunting on mile segment 901 to 950 (see Table 19.3).
- Power boating most commonly occurred in the Middle River Region with a substantial portion also having occurred in the Upper River Region. Mile segments with the greatest number of participants in power boating are mile segments 0 to 50 and 451 to 500 (see Table 20.3).
- Canoeing most commonly occurred in the Middle River Region. Slightly more than a third of all canoeing participants canoed on mile segment 451 to 500 (see Table 21.3).
- The overwhelming majority of sailing activities took place in the Middle River Region with no sailing participation in the Upper River Region at all. Slightly more than half of all sailing participants sailed on mile segment 451 to 500, and a nearly a third sailed on mile segment 551 to 600. Most of the remaining sailing participants sailed on mile segment 751 to 800 (see Table 22.3).
- Not including hunting, participation in all contact recreation activities peaked substantially from June to August. For all recreation, primary recreation, secondary recreation and most named activities, the greatest total number of events occurred during the month of July. However, peak activity varied slightly for a few activities: operating a personal watercraft (the greatest number of events occurred in June), diving (August), and canoeing (August). While sailing did peak in June and July with the greatest number of events in July, total number of sailing events fell substantially in August but increased again in September. Hunting peaked from November to December.

Table 7.1 All Adult River-Based Recreation: Numbers of Participants and Participation Rates

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Allegheny Co., PA	Inner	Upper	23	294	1,000,490	78,382	7.8%
Athens Co., OH	Inner	Upper	5	20	50,812	12,615	24.8%
Beaver Co., PA	Inner	Upper	12	59	140,350	28,657	20.4%
Belmont Co., OH	Inner	Upper	7	25	54,942	15,558	28.3%
Brooke Co., WV	Inner	Upper	3	11	20,247	5,300	26.2%
Butler Co., PA	Inner	Upper	3	35	131,235	11,385	8.7%
Cabell Co., WV	Inner	Upper	6	33	77,382	14,044	18.1%
Calhoun Co., WV	Inner	Upper	4	6	5,884	4,086	69.4%
Carroll Co., OH	Inner	Upper	1	7	21,584	3,040	14.1%
Columbiana Co., OH	Inner	Upper	2	40	84,807	4,230	5.0%
Doddridge Co., WV	Inner	Upper	0	2	5,550	0	0.0%
Fayette Co., PA	Inner	Upper	2	39	114,910	5,922	5.2%
Gallia Co., OH	Inner	Upper	3	15	23,298	4,723	20.3%
Greene Co., PA	Inner	Upper	0	18	31,693	0	0.0%
Hancock Co., WV	Inner	Upper	1	13	25,865	2,033	7.9%
Harrison Co., OH	Inner	Upper	2	6	12,209	4,083	33.4%
Jackson Co., OH	Inner	Upper	0	3	24,160	0	0.0%
Jackson Co., WV	Inner	Upper	3	16	21,243	3,934	18.5%
Jefferson Co., OH	Inner	Upper	7	30	58,073	13,780	23.7%
Kanawha Co., WV	Inner	Upper	1	36	157,435	4,354	2.8%
Lawrence Co., OH	Inner	Upper	8	30	47,049	12,588	26.8%
Lawrence Co., PA	Inner	Upper	1	28	72,763	2,611	3.6%
Lincoln Co., WV	Inner	Upper	3	19	16,899	2,688	15.9%
Mahoning Co., OH	Inner	Upper	7	80	196,406	17,281	8.8%
Marion Co., WV	Inner	Upper	3	25	44,927	5,419	12.1%
Marshall Co., WV	Inner	Upper	7	27	27,407	7,221	26.3%
Mason Co., WV	Inner	Upper	5	14	20,056	7,314	36.5%
Meigs Co., OH	Inner	Upper	6	13	17,554	7,895	45.0%
Monroe Co., OH	Inner	Upper	0	2	11,599	0	0.0%
Morgan Co., OH	Inner	Upper	0	2	11,129	0	0.0%
Noble Co., OH	Inner	Upper	3	4	10,878	7,697	70.8%
Ohio Co., WV	Inner	Upper	1	14	37,331	2,737	7.3%
Pleasants Co., WV	Inner	Upper	0	2	5,728	0	0.0%
Putnam Co., WV	Inner	Upper	0	13	38,708	0	0.0%
Ritchie Co., WV	Inner	Upper	2	3	7,967	5,042	63.3%
Roane Co., WV	Inner	Upper	1	3	11,834	4,715	39.8%
Tyler Co., WV	Inner	Upper	1	13	7,361	552	7.5%
Vinton Co., OH	Inner	Upper	0	2	9,360	0	0.0%
Washington Co., OH	Inner	Upper	7	25	48,360	13,601	28.1%
Washington Co., PA	Inner	Upper	2	56	157,900	5,616	3.6%
Wayne Co., WV	Inner	Upper	4	20	32,881	6,609	20.1%
Westmoreland Co., PA	Inner	Upper	6	112	288,763	15,490	5.4%
Wetzel Co., WV	Inner	Upper	1	7	13,489	1,828	13.6%
Wirt Co., WV	Inner	Upper	1	2	4,381	2,191	50.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Wood Co., WV	Inner	Upper	8	32	67,758	16,892	24.9%
Adams Co., OH	Inner	Middle	3	16	20,128	3,891	19.3%
Bath Co., KY	Inner	Middle	0	1	8,407	0	0.0%
Boone Co., KY	Inner	Middle	10	30	61,347	20,160	32.9%
Boyd Co., KY	Inner	Middle	0	16	38,912	0	0.0%
Bracken Co., KY	Inner	Middle	0	5	6,164	0	0.0%
Brown Co., OH	Inner	Middle	0	7	30,617	0	0.0%
Bullitt Co., KY	Inner	Middle	12	32	44,596	16,548	37.1%
Butler Co., OH	Inner	Middle	17	100	246,511	42,092	17.1%
Campbell Co., KY	Inner	Middle	4	31	65,899	8,597	13.0%
Carroll Co., KY	Inner	Middle	0	1	7,585	0	0.0%
Carter Co., KY	Inner	Middle	7	16	20,306	8,688	42.8%
Clark Co., IN	Inner	Middle	8	32	73,096	18,071	24.7%
Clermont Co., OH	Inner	Middle	15	71	128,281	27,251	21.2%
Crawford Co., IN	Inner	Middle	6	9	7,995	5,158	64.5%
Dearborn Co., IN	Inner	Middle	6	24	33,375	8,372	25.1%
Elliott Co., KY	Inner	Middle	0	2	5,036	0	0.0%
Fleming Co., KY	Inner	Middle	0	2	10,292	0	0.0%
Floyd Co., IN	Inner	Middle	7	27	52,535	13,747	26.2%
Franklin Co., IN	Inner	Middle	0	10	15,924	0	0.0%
Gallatin Co., KY	Inner	Middle	0	2	5,623	0	0.0%
Grant Co., KY	Inner	Middle	2	14	15,959	2,321	14.5%
Greenup Co., KY	Inner	Middle	4	10	28,192	11,154	39.6%
Hamilton Co., OH	Inner	Middle	29	262	627,129	69,423	11.1%
Hardin Co., KY	Inner	Middle	5	39	68,211	8,723	12.8%
Harrison Co., IN	Inner	Middle	1	12	25,419	2,042	8.0%
Harrison Co., KY	Inner	Middle	0	6	13,486	0	0.0%
Henry Co., KY	Inner	Middle	0	1	11,240	0	0.0%
Highland Co., OH	Inner	Middle	2	19	29,845	3,127	10.5%
Jefferson Co., IN	Inner	Middle	11	16	23,980	16,952	70.7%
Jefferson Co., KY	Inner	Middle	31	165	525,333	98,819	18.8%
Jennings Co., IN	Inner	Middle	1	4	19,929	4,468	22.4%
Kenton Co., KY	Inner	Middle	7	47	111,565	16,766	15.0%
Lawrence Co., KY	Inner	Middle	1	7	11,633	1,726	14.8%
Lewis Co., KY	Inner	Middle	0	1	10,522	0	0.0%
Mason Co., KY	Inner	Middle	1	7	12,747	1,831	14.4%
Meade Co., KY	Inner	Middle	1	4	18,510	5,289	28.6%
Nelson Co., KY	Inner	Middle	1	6	27,105	4,351	16.1%
Nicholas Co., KY	Inner	Middle	0	2	5,205	0	0.0%
Ohio Co., IN	Inner	Middle	1	4	4,226	1,177	27.9%
Oldham Co., KY	Inner	Middle	4	19	33,534	7,052	21.0%
Orange Co., IN	Inner	Middle	0	9	14,346	0	0.0%
Owen Co., KY	Inner	Middle	2	8	7,853	1,988	25.3%
Pendleton Co., KY	Inner	Middle	5	8	10,306	6,300	61.1%
Pike Co., OH	Inner	Middle	0	6	20,173	0	0.0%
Ripley Co., IN	Inner	Middle	0	5	19,077	0	0.0%

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Robertson Co., KY	Inner	Middle	2	4	1,727	954	55.2%
Rowan Co., KY	Inner	Middle	0	14	17,619	0	0.0%
Scioto Co., OH	Inner	Middle	8	20	59,847	23,725	39.6%
Scott Co., IN	Inner	Middle	5	14	16,932	5,912	34.9%
Shelby Co., KY	Inner	Middle	3	6	24,946	13,533	54.2%
Spencer Co., KY	Inner	Middle	0	4	8,595	0	0.0%
Switzerland Co., IN	Inner	Middle	0	3	6,681	0	0.0%
Trimble Co., KY	Inner	Middle	2	7	5,980	1,840	30.8%
Warren Co., OH	Inner	Middle	11	55	114,465	22,935	20.0%
Washington Co., IN	Inner	Middle	1	13	20,007	1,521	7.6%
Alexander Co., IL	Inner	Lower	3	9	7,114	2,268	31.9%
Ballard Co., KY	Inner	Lower	1	5	6,375	1,165	18.3%
Breckinridge Co., KY	Inner	Lower	1	24	14,001	581	4.1%
Caldwell Co., KY	Inner	Lower	0	10	10,133	0	0.0%
Calloway Co., KY	Inner	Lower	11	35	27,771	8,721	31.4%
Carlisle Co., KY	Inner	Lower	2	3	4,100	2,384	58.1%
Crittenden Co., KY	Inner	Lower	0	9	7,206	0	0.0%
Daviess Co., KY	Inner	Lower	16	83	67,925	13,028	19.2%
Dubois Co., IN	Inner	Lower	4	47	28,816	2,472	8.6%
Edwards Co., IL	Inner	Lower	0	8	5,364	0	0.0%
Fulton Co., KY	Inner	Lower	2	7	5,824	1,559	26.8%
Gallatin Co., IL	Inner	Lower	3	6	5,014	2,466	49.2%
Gibson Co., IN	Inner	Lower	1	34	24,440	711	2.9%
Graves Co., KY	Inner	Lower	4	40	27,960	2,775	9.9%
Grayson Co., KY	Inner	Lower	1	17	18,177	1,053	5.8%
Hamilton Co., IL	Inner	Lower	4	10	6,554	2,585	39.4%
Hancock Co., KY	Inner	Lower	1	7	6,151	831	13.5%
Hardin Co., IL	Inner	Lower	0	14	3,819	0	0.0%
Henderson Co., KY	Inner	Lower	14	50	33,786	9,460	28.0%
Hickman Co., KY	Inner	Lower	0	4	4,100	0	0.0%
Hopkins Co., KY	Inner	Lower	4	39	35,279	3,597	10.2%
Johnson Co., IL	Inner	Lower	1	9	10,515	1,143	10.9%
Livingston Co., KY	Inner	Lower	1	11	7,616	669	8.8%
Lyon Co., KY	Inner	Lower	1	8	6,805	864	12.7%
Marshall Co., KY	Inner	Lower	5	30	23,565	3,949	16.8%
Massac Co., IL	Inner	Lower	2	17	11,669	1,357	11.6%
McCracken Co., KY	Inner	Lower	4	63	50,199	3,198	6.4%
McLean Co., KY	Inner	Lower	1	5	7,533	1,466	19.5%
Mississippi Co., MO	Inner	Lower	0	7	9,893	0	0.0%
Muhlenberg Co., KY	Inner	Lower	1	33	24,633	738	3.0%
New Madrid Co., MO	Inner	Lower	0	11	14,537	0	0.0%
Ohio Co., KY	Inner	Lower	1	22	17,212	789	4.6%
Perry Co., IN	Inner	Lower	12	36	14,574	4,842	33.2%
Pike Co., IN	Inner	Lower	1	14	9,767	676	6.9%
Pope Co., IL	Inner	Lower	0	3	3,464	0	0.0%
Posey Co., IN	Inner	Lower	5	31	19,670	3,134	15.9%

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Pulaski Co., IL	Inner	Lower	0	11	5,352	0	0.0%
Saline Co., IL	Inner	Lower	5	15	20,319	6,563	32.3%
Scott Co., MO	Inner	Lower	0	29	29,337	0	0.0%
Spencer Co., IN	Inner	Lower	2	23	14,994	1,294	8.6%
Trigg Co., KY	Inner	Lower	0	10	9,711	0	0.0%
Union Co., IL	Inner	Lower	1	11	14,056	1,332	9.5%
Union Co., KY	Inner	Lower	2	12	11,680	2,007	17.2%
Vanderburgh Co., IN	Inner	Lower	42	231	132,143	23,997	18.2%
Wabash Co., IL	Inner	Lower	1	12	9,804	819	8.4%
Warrick Co., IN	Inner	Lower	8	67	38,309	4,584	12.0%
Webster Co., KY	Inner	Lower	0	11	10,714	0	0.0%
White Co., IL	Inner	Lower	1	8	12,060	1,451	12.0%
Williamson Co., IL	Inner	Lower	3	46	47,245	3,059	6.5%
Allegany Co., MD	Outer	Upper	0	4	59,524	0	0.0%
Armstrong Co., PA	Outer	Upper	0	4	55,818	0	0.0%
Ashland Co., OH	Outer	Upper	0	3	39,001	0	0.0%
Ashtabula Co., OH	Outer	Upper	0	6	75,863	0	0.0%
Barbour Co., WV	Outer	Upper	0	1	11,980	0	0.0%
Bedford Co., PA	Outer	Upper	0	3	38,210	0	0.0%
Blair Co., PA	Outer	Upper	0	8	99,862	0	0.0%
Boone Co., WV	Outer	Upper	0	1	19,610	0	0.0%
Braxton Co., WV	Outer	Upper	0	1	11,356	0	0.0%
Buchanan Co., VA	Outer	Upper	0	2	21,205	0	0.0%
Cambria Co., PA	Outer	Upper	0	9	120,523	0	0.0%
Chautauqua Co., NY	Outer	Upper	0	8	105,519	0	0.0%
Clarion Co., PA	Outer	Upper	0	2	32,730	0	0.0%
Clay Co., WV	Outer	Upper	0	1	7,686	0	0.0%
Clearfield Co., PA	Outer	Upper	0	5	64,460	0	0.0%
Coshocton Co., OH	Outer	Upper	0	2	27,038	0	0.0%
Crawford Co., PA	Outer	Upper	0	5	68,046	0	0.0%
Cuyahoga Co., OH	Outer	Upper	1	79	1,045,988	13,283	1.3%
Elk Co., PA	Outer	Upper	0	2	26,669	0	0.0%
Erie Co., PA	Outer	Upper	0	16	210,532	0	0.0%
Fairfield Co., OH	Outer	Upper	0	7	89,884	0	0.0%
Fayette Co., WV	Outer	Upper	0	3	37,239	0	0.0%
Forest Co., PA	Outer	Upper	0	0	3,825	0	0.0%
Garrett Co., MD	Outer	Upper	0	2	22,362	0	0.0%
Geauga Co., OH	Outer	Upper	0	5	65,112	0	0.0%
Gilmer Co., WV	Outer	Upper	0	0	5,708	0	0.0%
Grant Co., WV	Outer	Upper	0	1	8,737	0	0.0%
Greenbrier Co., WV	Outer	Upper	0	2	26,996	0	0.0%
Guernsey Co., OH	Outer	Upper	0	2	30,117	0	0.0%
Harrison Co., WV	Outer	Upper	0	4	52,794	0	0.0%
Hocking Co., OH	Outer	Upper	0	2	21,052	0	0.0%
Holmes Co., OH	Outer	Upper	0	2	25,086	0	0.0%
Indiana Co., PA	Outer	Upper	0	5	70,740	0	0.0%

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Jefferson Co., PA	Outer	Upper	0	3	35,113	0	0.0%
Knox Co., OH	Outer	Upper	0	3	40,988	0	0.0%
Lake Co., OH	Outer	Upper	0	13	172,475	0	0.0%
Lewis Co., WV	Outer	Upper	0	1	13,180	0	0.0%
Licking Co., OH	Outer	Upper	0	8	107,657	0	0.0%
Logan Co., WV	Outer	Upper	0	2	29,374	0	0.0%
Lorain Co., OH	Outer	Upper	0	16	210,114	0	0.0%
McDowell Co., WV	Outer	Upper	0	2	20,995	0	0.0%
Medina Co., OH	Outer	Upper	0	8	109,564	0	0.0%
Mercer Co., PA	Outer	Upper	0	7	92,109	0	0.0%
Mercer Co., WV	Outer	Upper	1	4	49,710	2,801	5.6%
Mineral Co., WV	Outer	Upper	0	2	20,747	0	0.0%
Mingo Co., WV	Outer	Upper	0	2	21,414	0	0.0%
Monongalia Co., WV	Outer	Upper	0	3	66,950	0	0.0%
Morrow Co., OH	Outer	Upper	0	2	22,987	0	0.0%
Muskingum Co., OH	Outer	Upper	0	3	62,655	0	0.0%
Nicholas Co., WV	Outer	Upper	0	2	20,374	0	0.0%
Pendleton Co., WV	Outer	Upper	0	0	6,407	0	0.0%
Perry Co., OH	Outer	Upper	0	2	24,494	0	0.0%
Pocahontas Co., WV	Outer	Upper	0	1	7,227	0	0.0%
Portage Co., OH	Outer	Upper	0	9	115,952	0	0.0%
Preston Co., WV	Outer	Upper	0	2	22,390	0	0.0%
Raleigh Co., WV	Outer	Upper	0	5	62,150	0	0.0%
Randolph Co., WV	Outer	Upper	0	2	21,952	0	0.0%
Richland Co., OH	Outer	Upper	0	7	96,839	0	0.0%
Somerset Co., PA	Outer	Upper	0	5	62,180	0	0.0%
Stark Co., OH	Outer	Upper	0	21	284,162	0	0.0%
Summers Co., WV	Outer	Upper	0	1	10,330	0	0.0%
Summit Co., OH	Outer	Upper	0	31	406,913	0	0.0%
Taylor Co., WV	Outer	Upper	0	1	12,403	0	0.0%
Tazewell Co., VA	Outer	Upper	0	3	35,033	0	0.0%
Trumbull Co., OH	Outer	Upper	0	6	170,296	0	0.0%
Tucker Co., WV	Outer	Upper	0	0	5,764	0	0.0%
Tuscarawas Co., OH	Outer	Upper	0	5	67,819	0	0.0%
Upshur Co., WV	Outer	Upper	0	1	18,126	0	0.0%
Venango Co., PA	Outer	Upper	0	3	43,618	0	0.0%
Warren Co., PA	Outer	Upper	0	3	33,276	0	0.0%
Wayne Co., OH	Outer	Upper	0	6	80,941	0	0.0%
Webster Co., WV	Outer	Upper	0	1	7,487	0	0.0%
Wyoming Co., WV	Outer	Upper	0	2	19,950	0	0.0%
Adair Co., KY	Outer	Middle	0	1	13,191	0	0.0%
Adams Co., IN	Outer	Middle	0	2	23,171	0	0.0%
Anderson Co., KY	Outer	Middle	0	1	14,034	0	0.0%
Auglaize Co., OH	Outer	Middle	0	3	33,738	0	0.0%
Bartholomew Co., IN	Outer	Middle	0	4	52,484	0	0.0%
Blackford Co., IN	Outer	Middle	0	1	10,583	0	0.0%

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Bourbon Co., KY	Outer	Middle	0	1	14,517	0	0.0%
Boyle Co., KY	Outer	Middle	0	2	21,421	0	0.0%
Breathitt Co., KY	Outer	Middle	0	1	11,994	0	0.0%
Brown Co., IN	Outer	Middle	0	1	11,471	0	0.0%
Casey Co., KY	Outer	Middle	0	1	11,661	0	0.0%
Champaign Co., OH	Outer	Middle	0	2	28,713	0	0.0%
Clark Co., KY	Outer	Middle	0	2	24,921	0	0.0%
Clark Co., OH	Outer	Middle	0	9	108,389	0	0.0%
Clay Co., IN	Outer	Middle	0	2	19,626	0	0.0%
Clay Co., KY	Outer	Middle	0	1	18,324	0	0.0%
Clinton Co., KY	Outer	Middle	0	1	7,450	0	0.0%
Clinton Co., OH	Outer	Middle	0	2	29,840	0	0.0%
Cumberland Co., KY	Outer	Middle	0	0	5,458	0	0.0%
Darke Co., OH	Outer	Middle	0	3	39,296	0	0.0%
Decatur Co., IN	Outer	Middle	0	1	18,104	0	0.0%
Delaware Co., IN	Outer	Middle	0	7	92,521	0	0.0%
Delaware Co., OH	Outer	Middle	1	6	78,928	11,275	14.3%
Dickenson Co., VA	Outer	Middle	0	1	12,776	0	0.0%
Estill Co., KY	Outer	Middle	0	1	11,610	0	0.0%
Fayette Co., IN	Outer	Middle	0	2	19,365	0	0.0%
Fayette Co., KY	Outer	Middle	0	16	204,979	0	0.0%
Fayette Co., OH	Outer	Middle	0	2	21,225	0	0.0%
Floyd Co., KY	Outer	Middle	0	3	32,407	0	0.0%
Franklin Co., KY	Outer	Middle	0	3	36,911	0	0.0%
Franklin Co., OH	Outer	Middle	0	64	800,657	0	0.0%
Garrard Co., KY	Outer	Middle	0	1	11,190	0	0.0%
Grant Co., IN	Outer	Middle	0	4	56,065	0	0.0%
Green Co., KY	Outer	Middle	0	1	8,904	0	0.0%
Greene Co., IN	Outer	Middle	0	2	24,958	0	0.0%
Greene Co., OH	Outer	Middle	0	9	112,527	0	0.0%
Hamilton Co., IN	Outer	Middle	0	10	126,479	0	0.0%
Hancock Co., IN	Outer	Middle	0	3	40,694	0	0.0%
Harlan Co., KY	Outer	Middle	0	2	24,905	0	0.0%
Hart Co., KY	Outer	Middle	0	1	12,957	0	0.0%
Hendricks Co., IN	Outer	Middle	0	6	74,927	0	0.0%
Henry Co., IN	Outer	Middle	0	3	36,789	0	0.0%
Jackson Co., IN	Outer	Middle	0	2	30,786	0	0.0%
Jackson Co., KY	Outer	Middle	0	1	9,979	0	0.0%
Jay Co., IN	Outer	Middle	1	1	15,921	770	4.8%
Jessamine Co., KY	Outer	Middle	0	2	28,741	0	0.0%
Johnson Co., IN	Outer	Middle	0	7	83,876	0	0.0%
Johnson Co., KY	Outer	Middle	0	1	17,817	0	0.0%
Knott Co., KY	Outer	Middle	0	1	13,330	0	0.0%
Larue Co., KY	Outer	Middle	0	1	10,025	0	0.0%
Laurel Co., KY	Outer	Middle	0	3	39,314	0	0.0%
Lawrence Co., IN	Outer	Middle	0	3	34,648	0	0.0%

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Lee Co., KY	Outer	Middle	0	0	6,119	0	0.0%
Leslie Co., KY	Outer	Middle	0	1	9,350	0	0.0%
Letcher Co., KY	Outer	Middle	0	2	19,281	0	0.0%
Lincoln Co., KY	Outer	Middle	0	1	17,364	0	0.0%
Logan Co., OH	Outer	Middle	0	3	33,729	0	0.0%
Madison Co., IN	Outer	Middle	0	8	101,582	0	0.0%
Madison Co., KY	Outer	Middle	0	4	55,360	0	0.0%
Madison Co., OH	Outer	Middle	0	2	30,287	0	0.0%
Magoffin Co., KY	Outer	Middle	0	1	9,762	0	0.0%
Marion Co., IN	Outer	Middle	0	51	638,705	0	0.0%
Marion Co., KY	Outer	Middle	0	1	13,616	0	0.0%
Martin Co., IN	Outer	Middle	0	1	7,754	0	0.0%
Martin Co., KY	Outer	Middle	0	1	9,039	0	0.0%
Menifee Co., KY	Outer	Middle	0	0	4,922	0	0.0%
Mercer Co., KY	Outer	Middle	0	1	15,737	0	0.0%
Mercer Co., OH	Outer	Middle	0	2	28,808	0	0.0%
Metcalfe Co., KY	Outer	Middle	0	1	7,566	0	0.0%
Miami Co., OH	Outer	Middle	1	6	73,230	4,380	6.0%
Monroe Co., IN	Outer	Middle	0	8	98,899	0	0.0%
Montgomery Co., KY	Outer	Middle	0	1	16,939	0	0.0%
Montgomery Co., OH	Outer	Middle	0	34	421,083	0	0.0%
Morgan Co., IN	Outer	Middle	0	4	48,536	0	0.0%
Morgan Co., KY	Outer	Middle	0	1	10,830	0	0.0%
Norton city, VA	Outer	Middle	0	0	3,054	0	0.0%
Owen Co., IN	Outer	Middle	0	1	15,992	0	0.0%
Owsley Co., KY	Outer	Middle	0	0	3,664	0	0.0%
Perry Co., KY	Outer	Middle	0	2	22,229	0	0.0%
Pickaway Co., OH	Outer	Middle	0	3	39,940	0	0.0%
Pike Co., KY	Outer	Middle	0	4	52,451	0	0.0%
Powell Co., KY	Outer	Middle	0	1	9,713	0	0.0%
Preble Co., OH	Outer	Middle	0	3	31,310	0	0.0%
Pulaski Co., KY	Outer	Middle	0	3	43,061	0	0.0%
Putnam Co., IN	Outer	Middle	0	2	27,524	0	0.0%
Randolph Co., IN	Outer	Middle	0	2	20,496	0	0.0%
Rockcastle Co., KY	Outer	Middle	0	1	12,528	0	0.0%
Ross Co., OH	Outer	Middle	0	4	55,747	0	0.0%
Rush Co., IN	Outer	Middle	0	1	13,384	0	0.0%
Russell Co., KY	Outer	Middle	0	1	12,640	0	0.0%
Russell Co., VA	Outer	Middle	0	2	23,887	0	0.0%
Scott Co., KY	Outer	Middle	0	2	24,376	0	0.0%
Shelby Co., IN	Outer	Middle	1	3	31,862	5,722	18.0%
Shelby Co., OH	Outer	Middle	0	3	34,224	0	0.0%
Taylor Co., KY	Outer	Middle	0	1	17,562	0	0.0%
Union Co., IN	Outer	Middle	0	0	5,344	0	0.0%
Union Co., OH	Outer	Middle	0	2	29,612	0	0.0%
Washington Co., KY	Outer	Middle	0	1	8,159	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Wayne Co., IN	Outer	Middle	0	4	53,882	0	0.0%
Wayne Co., KY	Outer	Middle	0	1	14,874	0	0.0%
Wise Co., VA	Outer	Middle	0	2	30,889	0	0.0%
Wolfe Co., KY	Outer	Middle	0	0	5,234	0	0.0%
Woodford Co., KY	Outer	Middle	0	1	17,317	0	0.0%
Allen Co., KY	Outer	Lower	1	2	13,199	879	6.7%
Barren Co., KY	Outer	Lower	1	5	28,823	3,149	10.9%
Benton Co., TN	Outer	Lower	0	2	12,896	0	0.0%
Bollinger Co., MO	Outer	Lower	0	1	8,878	0	0.0%
Butler Co., KY	Outer	Lower	0	2	9,722	0	0.0%
Butler Co., MO	Outer	Lower	0	5	30,981	0	0.0%
Cape Girardeau Co., MO	Outer	Lower	1	8	52,596	6,575	12.5%
Carroll Co., TN	Outer	Lower	0	4	22,635	0	0.0%
Carter Co., MO	Outer	Lower	0	1	4,448	0	0.0%
Cheatham Co., TN	Outer	Lower	0	4	25,982	0	0.0%
Christian Co., KY	Outer	Lower	0	8	51,806	0	0.0%
Clark Co., IL	Outer	Lower	0	2	12,775	0	0.0%
Clay Co., AR	Outer	Lower	0	2	13,541	0	0.0%
Clay Co., IL	Outer	Lower	0	2	11,077	0	0.0%
Clay Co., TN	Outer	Lower	0	1	6,262	0	0.0%
Clinton Co., IL	Outer	Lower	0	4	26,699	0	0.0%
Crawford Co., IL	Outer	Lower	0	3	15,788	0	0.0%
Crockett Co., TN	Outer	Lower	0	2	10,878	0	0.0%
Cumberland Co., IL	Outer	Lower	0	1	8,277	0	0.0%
Davidson Co., TN	Outer	Lower	0	71	443,444	0	0.0%
Daviess Co., IN	Outer	Lower	0	3	21,186	0	0.0%
Decatur Co., TN	Outer	Lower	0	1	9,182	0	0.0%
Dickson Co., TN	Outer	Lower	0	5	31,670	0	0.0%
Dunklin Co., MO	Outer	Lower	0	4	24,542	0	0.0%
Dyer Co., TN	Outer	Lower	0	4	27,682	0	0.0%
Edmonson Co., KY	Outer	Lower	0	1	8,899	0	0.0%
Effingham Co., IL	Outer	Lower	0	4	24,480	0	0.0%
Fayette Co., IL	Outer	Lower	0	3	16,614	0	0.0%
Franklin Co., IL	Outer	Lower	0	5	30,060	0	0.0%
Gibson Co., TN	Outer	Lower	0	6	36,614	0	0.0%
Greene Co., AR	Outer	Lower	0	4	27,920	0	0.0%
Haywood Co., TN	Outer	Lower	0	2	14,417	0	0.0%
Henderson Co., TN	Outer	Lower	0	3	19,310	0	0.0%
Henry Co., TN	Outer	Lower	0	4	24,202	0	0.0%
Hickman Co., TN	Outer	Lower	0	3	16,792	0	0.0%
Houston Co., TN	Outer	Lower	0	1	6,118	0	0.0%
Humphreys Co., TN	Outer	Lower	0	2	13,647	0	0.0%
Iron Co., MO	Outer	Lower	0	1	8,024	0	0.0%
Jackson Co., IL	Outer	Lower	0	8	48,130	0	0.0%
Jasper Co., IL	Outer	Lower	0	1	7,497	0	0.0%
Jefferson Co., IL	Outer	Lower	0	5	30,349	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Knox Co., IN	Outer	Lower	0	5	30,255	0	0.0%
Lake Co., TN	Outer	Lower	0	1	6,543	0	0.0%
Lauderdale Co., TN	Outer	Lower	0	3	20,382	0	0.0%
Lawrence Co., IL	Outer	Lower	0	2	11,942	0	0.0%
Logan Co., KY	Outer	Lower	0	3	19,748	0	0.0%
Macon Co., TN	Outer	Lower	0	2	15,072	0	0.0%
Madison Co., MO	Outer	Lower	0	1	8,896	0	0.0%
Madison Co., TN	Outer	Lower	0	11	68,120	0	0.0%
Marion Co., IL	Outer	Lower	0	5	31,069	0	0.0%
Mississippi Co., AR	Outer	Lower	0	6	36,572	0	0.0%
Monroe Co., IL	Outer	Lower	0	3	20,315	0	0.0%
Monroe Co., KY	Outer	Lower	0	1	8,945	0	0.0%
Montgomery Co., TN	Outer	Lower	1	16	96,439	6,205	6.4%
Obion Co., TN	Outer	Lower	0	4	24,844	0	0.0%
Pemiscot Co., MO	Outer	Lower	0	2	14,032	0	0.0%
Perry Co., IL	Outer	Lower	0	3	18,011	0	0.0%
Perry Co., MO	Outer	Lower	0	2	13,417	0	0.0%
Perry Co., TN	Outer	Lower	0	1	5,769	0	0.0%
Randolph Co., IL	Outer	Lower	0	4	26,386	0	0.0%
Reynolds Co., MO	Outer	Lower	0	1	5,081	0	0.0%
Richland Co., IL	Outer	Lower	0	2	12,185	0	0.0%
Ripley Co., MO	Outer	Lower	0	2	10,157	0	0.0%
Robertson Co., TN	Outer	Lower	0	6	39,851	0	0.0%
Shelby Co., IL	Outer	Lower	1	3	17,165	6,205	36.2%
Simpson Co., KY	Outer	Lower	0	2	12,100	0	0.0%
St. Clair Co., IL	Outer	Lower	0	30	185,157	0	0.0%
St. Francois Co., MO	Outer	Lower	0	7	42,306	0	0.0%
Ste. Genevieve Co., MO	Outer	Lower	0	2	13,093	0	0.0%
Stewart Co., TN	Outer	Lower	0	2	9,410	0	0.0%
Stoddard Co., MO	Outer	Lower	0	4	22,612	0	0.0%
Sullivan Co., IN	Outer	Lower	0	3	16,839	0	0.0%
Sumner Co., TN	Outer	Lower	0	15	96,112	0	0.0%
Tipton Co., TN	Outer	Lower	0	6	36,246	0	0.0%
Todd Co., KY	Outer	Lower	0	1	8,788	0	0.0%
Trousdale Co., TN	Outer	Lower	0	1	5,502	0	0.0%
Vigo Co., IN	Outer	Lower	0	13	81,632	0	0.0%
Warren Co., KY	Outer	Lower	0	11	71,124	0	0.0%
Washington Co., IL	Outer	Lower	0	2	11,311	0	0.0%
Wayne Co., IL	Outer	Lower	0	2	13,079	0	0.0%
Wayne Co., MO	Outer	Lower	0	2	10,180	0	0.0%
Weakley Co., TN	Outer	Lower	0	4	27,344	0	0.0%

Table 7.2 All Child River-Based Recreation: Numbers of Participants and Participation Rates

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Allegheny Co., PA	Inner	Upper	22	146	257,497	37,919	14.7%
Athens Co., OH	Inner	Upper	2	11	10,755	1,955	18.2%
Beaver Co., PA	Inner	Upper	3	26	36,406	4,201	11.5%
Belmont Co., OH	Inner	Upper	6	18	13,663	4,554	33.3%
Brooke Co., WV	Inner	Upper	2	11	4,321	786	18.2%
Butler Co., PA	Inner	Upper	5	29	41,830	7,212	17.2%
Cabell Co., WV	Inner	Upper	0	7	19,260	0	0.0%
Calhoun Co., WV	Inner	Upper	8	11	1,698	1,235	72.7%
Carroll Co., OH	Inner	Upper	2	12	6,465	1,078	16.7%
Columbiana Co., OH	Inner	Upper	0	10	24,131	0	0.0%
Doddridge Co., WV	Inner	Upper	0	0	1,853	0	0.0%
Fayette Co., PA	Inner	Upper	4	33	30,297	3,672	12.1%
Gallia Co., OH	Inner	Upper	6	10	7,225	3,974	55.0%
Greene Co., PA	Inner	Upper	0	18	8,182	0	0.0%
Hancock Co., WV	Inner	Upper	0	11	6,181	0	0.0%
Harrison Co., OH	Inner	Upper	0	10	3,647	0	0.0%
Jackson Co., OH	Inner	Upper	0	8	8,123	0	0.0%
Jackson Co., WV	Inner	Upper	3	14	6,333	1,131	17.9%
Jefferson Co., OH	Inner	Upper	3	16	13,955	2,617	18.8%
Kanawha Co., WV	Inner	Upper	5	9	40,908	22,727	55.6%
Lawrence Co., OH	Inner	Upper	2	11	14,458	2,629	18.2%
Lawrence Co., PA	Inner	Upper	0	9	19,663	0	0.0%
Lincoln Co., WV	Inner	Upper	3	10	5,091	1,527	30.0%
Mahoning Co., OH	Inner	Upper	0	45	54,010	0	0.0%
Marion Co., WV	Inner	Upper	9	24	11,366	4,262	37.5%
Marshall Co., WV	Inner	Upper	6	40	7,039	1,056	15.0%
Mason Co., WV	Inner	Upper	7	25	5,444	1,524	28.0%
Meigs Co., OH	Inner	Upper	1	10	5,193	519	10.0%
Monroe Co., OH	Inner	Upper	1	10	3,581	358	10.0%
Morgan Co., OH	Inner	Upper	0	0	3,768	0	0.0%
Noble Co., OH	Inner	Upper	0	0	3,180	0	0.0%
Ohio Co., WV	Inner	Upper	2	12	9,066	1,133	12.5%
Pleasants Co., WV	Inner	Upper	2	8	1,786	335	18.8%
Putnam Co., WV	Inner	Upper	0	10	12,793	0	0.0%
Ritchie Co., WV	Inner	Upper	3	9	2,376	792	33.3%
Roane Co., WV	Inner	Upper	0	0	3,612	0	0.0%
Tyler Co., WV	Inner	Upper	0	10	2,231	0	0.0%
Vinton Co., OH	Inner	Upper	0	0	3,446	0	0.0%
Washington Co., OH	Inner	Upper	4	23	13,467	2,342	17.4%
Washington Co., PA	Inner	Upper	5	57	42,703	3,371	7.9%
Wayne Co., WV	Inner	Upper	3	29	9,143	946	10.3%
Westmoreland Co., PA	Inner	Upper	3	61	73,061	2,994	4.1%
Wetzel Co., WV	Inner	Upper	1	11	4,204	382	9.1%
Wirt Co., WV	Inner	Upper	0	0	1,492	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Wood Co., WV	Inner	Upper	8	20	18,909	7,564	40.0%
Adams Co., OH	Inner	Middle	6	9	7,079	4,719	66.7%
Bath Co., KY	Inner	Middle	0	0	2,678	0	0.0%
Boone Co., KY	Inner	Middle	3	22	30,323	4,135	13.6%
Boyd Co., KY	Inner	Middle	0	10	10,609	0	0.0%
Bracken Co., KY	Inner	Middle	1	7	2,115	302	14.3%
Brown Co., OH	Inner	Middle	0	9	11,217	0	0.0%
Bullitt Co., KY	Inner	Middle	3	28	18,129	1,942	10.7%
Butler Co., OH	Inner	Middle	11	118	88,681	8,267	9.3%
Campbell Co., KY	Inner	Middle	0	4	20,943	0	0.0%
Carroll Co., KY	Inner	Middle	0	0	2,570	0	0.0%
Carter Co., KY	Inner	Middle	3	14	6,439	1,380	21.4%
Clark Co., IN	Inner	Middle	3	12	24,818	6,205	25.0%
Clermont Co., OH	Inner	Middle	7	49	50,499	7,214	14.3%
Crawford Co., IN	Inner	Middle	2	10	2,748	412	15.0%
Dearborn Co., IN	Inner	Middle	6	18	12,547	4,182	33.3%
Elliott Co., KY	Inner	Middle	0	2	1,712	0	0.0%
Fleming Co., KY	Inner	Middle	0	0	3,500	0	0.0%
Floyd Co., IN	Inner	Middle	6	26	17,527	4,045	23.1%
Franklin Co., IN	Inner	Middle	0	0	5,886	0	0.0%
Gallatin Co., KY	Inner	Middle	0	0	2,247	0	0.0%
Grant Co., KY	Inner	Middle	0	12	6,646	0	0.0%
Greenup Co., KY	Inner	Middle	0	0	8,054	0	0.0%
Hamilton Co., OH	Inner	Middle	23	154	208,029	31,069	14.9%
Hardin Co., KY	Inner	Middle	2	31	25,490	1,644	6.5%
Harrison Co., IN	Inner	Middle	3	17	8,682	1,532	17.6%
Harrison Co., KY	Inner	Middle	0	4	4,497	0	0.0%
Henry Co., KY	Inner	Middle	0	0	3,820	0	0.0%
Highland Co., OH	Inner	Middle	0	3	11,038	0	0.0%
Jefferson Co., IN	Inner	Middle	12	16	7,632	5,486	71.9%
Jefferson Co., KY	Inner	Middle	15	107	169,820	23,013	13.6%
Jennings Co., IN	Inner	Middle	0	0	7,377	0	0.0%
Kenton Co., KY	Inner	Middle	5	14	40,017	14,292	35.7%
Lawrence Co., KY	Inner	Middle	2	10	3,936	590	15.0%
Lewis Co., KY	Inner	Middle	0	0	3,570	0	0.0%
Mason Co., KY	Inner	Middle	0	0	4,053	0	0.0%
Meade Co., KY	Inner	Middle	2	18	7,192	799	11.1%
Nelson Co., KY	Inner	Middle	0	9	10,929	0	0.0%
Nicholas Co., KY	Inner	Middle	0	0	1,608	0	0.0%
Ohio Co., IN	Inner	Middle	0	0	1,397	0	0.0%
Oldham Co., KY	Inner	Middle	4	22	13,327	2,120	15.9%
Orange Co., IN	Inner	Middle	0	10	4,960	0	0.0%
Owen Co., KY	Inner	Middle	2	9	2,694	599	22.2%
Pendleton Co., KY	Inner	Middle	0	11	4,084	0	0.0%
Pike Co., OH	Inner	Middle	0	0	7,143	0	0.0%
Ripley Co., IN	Inner	Middle	0	2	7,251	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Robertson Co., KY	Inner	Middle	3	10	539	162	30.0%
Rowan Co., KY	Inner	Middle	0	8	4,968	0	0.0%
Scioto Co., OH	Inner	Middle	0	10	17,501	0	0.0%
Scott Co., IN	Inner	Middle	3	23	5,792	630	10.9%
Shelby Co., KY	Inner	Middle	4	18	9,856	2,190	22.2%
Spencer Co., KY	Inner	Middle	0	0	3,171	0	0.0%
Switzerland Co., IN	Inner	Middle	0	10	2,384	0	0.0%
Trimble Co., KY	Inner	Middle	0	0	2,145	0	0.0%
Warren Co., OH	Inner	Middle	6	48	53,500	6,688	12.5%
Washington Co., IN	Inner	Middle	0	6	6,839	0	0.0%
Alexander Co., IL	Inner	Lower	5	8	2,476	1,548	62.5%
Ballard Co., KY	Inner	Lower	0	0	1,911	0	0.0%
Breckinridge Co., KY	Inner	Lower	0	26	4,647	0	0.0%
Caldwell Co., KY	Inner	Lower	0	0	2,927	0	0.0%
Calloway Co., KY	Inner	Lower	0	14	6,570	0	0.0%
Carlisle Co., KY	Inner	Lower	0	0	1,251	0	0.0%
Crittenden Co., KY	Inner	Lower	0	17	2,178	0	0.0%
Daviess Co., KY	Inner	Lower	6	43	23,093	3,222	14.0%
Dubois Co., IN	Inner	Lower	0	12	10,458	0	0.0%
Edwards Co., IL	Inner	Lower	1	8	1,607	201	12.5%
Fulton Co., KY	Inner	Lower	0	12	1,928	0	0.0%
Gallatin Co., IL	Inner	Lower	0	0	1,431	0	0.0%
Gibson Co., IN	Inner	Lower	1	21	7,828	373	4.8%
Graves Co., KY	Inner	Lower	2	29	8,898	614	6.9%
Grayson Co., KY	Inner	Lower	0	19	5,878	0	0.0%
Hamilton Co., IL	Inner	Lower	0	0	2,067	0	0.0%
Hancock Co., KY	Inner	Lower	1	6	2,241	374	16.7%
Hardin Co., IL	Inner	Lower	0	9	25,490	0	0.0%
Henderson Co., KY	Inner	Lower	9	22	10,670	4,123	38.6%
Hickman Co., KY	Inner	Lower	0	6	1,162	0	0.0%
Hopkins Co., KY	Inner	Lower	0	34	10,739	0	0.0%
Johnson Co., IL	Inner	Lower	3	9	2,363	788	33.3%
Livingston Co., KY	Inner	Lower	0	2	2,188	0	0.0%
Lyon Co., KY	Inner	Lower	0	2	1,275	0	0.0%
Marshall Co., KY	Inner	Lower	1	19	6,232	328	5.3%
Massac Co., IL	Inner	Lower	0	10	3,492	0	0.0%
McCracken Co., KY	Inner	Lower	4	43	14,529	1,352	9.3%
McLean Co., KY	Inner	Lower	1	9	2,405	267	11.1%
Mississippi Co., MO	Inner	Lower	0	0	3,534	0	0.0%
Muhlenberg Co., KY	Inner	Lower	0	23	6,811	0	0.0%
New Madrid Co., MO	Inner	Lower	0	6	5,223	0	0.0%
Ohio Co., KY	Inner	Lower	0	14	5,561	0	0.0%
Perry Co., IN	Inner	Lower	10	24	4,325	1,712	39.6%
Pike Co., IN	Inner	Lower	0	25	3,070	0	0.0%
Pope Co., IL	Inner	Lower	0	0	949	0	0.0%
Posey Co., IN	Inner	Lower	4	29	6,148	848	13.8%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Pulaski Co., IL	Inner	Lower	0	2	1,996	0	0.0%
Saline Co., IL	Inner	Lower	5	12	5,882	2,451	41.7%
Scott Co., MO	Inner	Lower	0	3	10,580	0	0.0%
Spencer Co., IN	Inner	Lower	1	10	4,776	478	10.0%
Trigg Co., KY	Inner	Lower	0	0	2,886	0	0.0%
Union Co., IL	Inner	Lower	0	0	4,237	0	0.0%
Union Co., KY	Inner	Lower	0	2	3,957	0	0.0%
Vanderburgh Co., IN	Inner	Lower	24	171	40,354	5,546	13.7%
Wabash Co., IL	Inner	Lower	2	10	3,133	470	15.0%
Warrick Co., IN	Inner	Lower	7	41	13,851	2,365	17.1%
Webster Co., KY	Inner	Lower	0	11	3,406	0	0.0%
White Co., IL	Inner	Lower	2	8	3,311	828	25.0%
Williamson Co., IL	Inner	Lower	0	30	13,942	0	0.0%
Allegany Co., MD	Outer	Upper	0	0	13,878	0	0.0%
Armstrong Co., PA	Outer	Upper	0	0	14,232	0	0.0%
Ashland Co., OH	Outer	Upper	0	0	12,956	0	0.0%
Ashtabula Co., OH	Outer	Upper	0	0	24,378	0	0.0%
Barbour Co., WV	Outer	Upper	0	0	3,577	0	0.0%
Bedford Co., PA	Outer	Upper	0	0	10,824	0	0.0%
Blair Co., PA	Outer	Upper	0	0	26,776	0	0.0%
Boone Co., WV	Outer	Upper	0	0	5,652	0	0.0%
Braxton Co., WV	Outer	Upper	0	0	3,346	0	0.0%
Buchanan Co., VA	Outer	Upper	0	0	4,570	0	0.0%
Cambria Co., PA	Outer	Upper	0	0	28,613	0	0.0%
Chautauqua Co., NY	Outer	Upper	0	0	29,315	0	0.0%
Clarion Co., PA	Outer	Upper	0	0	8,060	0	0.0%
Clay Co., WV	Outer	Upper	0	0	2,644	0	0.0%
Clearfield Co., PA	Outer	Upper	0	0	16,360	0	0.0%
Coshocton Co., OH	Outer	Upper	0	0	8,839	0	0.0%
Crawford Co., PA	Outer	Upper	0	0	19,999	0	0.0%
Cuyahoga Co., OH	Outer	Upper	0	0	314,617	0	0.0%
Elk Co., PA	Outer	Upper	0	0	6,945	0	0.0%
Erie Co., PA	Outer	Upper	0	0	65,345	0	0.0%
Fairfield Co., OH	Outer	Upper	0	0	35,298	0	0.0%
Fayette Co., WV	Outer	Upper	0	0	9,918	0	0.0%
Forest Co., PA	Outer	Upper	0	0	1,121	0	0.0%
Garrett Co., MD	Outer	Upper	0	0	6,582	0	0.0%
Geauga Co., OH	Outer	Upper	0	0	23,681	0	0.0%
Gilmer Co., WV	Outer	Upper	0	0	1,452	0	0.0%
Grant Co., WV	Outer	Upper	0	0	2,562	0	0.0%
Greenbrier Co., WV	Outer	Upper	0	0	7,226	0	0.0%
Guernsey Co., OH	Outer	Upper	0	0	10,045	0	0.0%
Harrison Co., WV	Outer	Upper	0	0	15,090	0	0.0%
Hocking Co., OH	Outer	Upper	0	0	6,914	0	0.0%
Holmes Co., OH	Outer	Upper	0	0	14,142	0	0.0%
Indiana Co., PA	Outer	Upper	0	0	16,171	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Jefferson Co., PA	Outer	Upper	0	0	9,707	0	0.0%
Knox Co., OH	Outer	Upper	0	0	13,452	0	0.0%
Lake Co., OH	Outer	Upper	0	0	52,595	0	0.0%
Lewis Co., WV	Outer	Upper	0	0	3,739	0	0.0%
Licking Co., OH	Outer	Upper	0	0	38,409	0	0.0%
Logan Co., WV	Outer	Upper	0	0	7,750	0	0.0%
Lorain Co., OH	Outer	Upper	0	0	73,962	0	0.0%
McDowell Co., WV	Outer	Upper	0	0	4,982	0	0.0%
Medina Co., OH	Outer	Upper	0	0	42,477	0	0.0%
Mercer Co., PA	Outer	Upper	0	0	25,619	0	0.0%
Mercer Co., WV	Outer	Upper	1	22	13,044	593	4.5%
Mineral Co., WV	Outer	Upper	0	0	5,727	0	0.0%
Mingo Co., WV	Outer	Upper	0	0	5,990	0	0.0%
Monongalia Co., WV	Outer	Upper	0	6	15,552	0	0.0%
Morrow Co., OH	Outer	Upper	0	0	8,531	0	0.0%
Muskingum Co., OH	Outer	Upper	0	9	20,825	0	0.0%
Nicholas Co., WV	Outer	Upper	0	0	5,466	0	0.0%
Pendleton Co., WV	Outer	Upper	0	0	1,789	0	0.0%
Perry Co., OH	Outer	Upper	0	0	9,056	0	0.0%
Pocahontas Co., WV	Outer	Upper	0	0	1,904	0	0.0%
Portage Co., OH	Outer	Upper	0	0	33,561	0	0.0%
Preston Co., WV	Outer	Upper	0	0	6,404	0	0.0%
Raleigh Co., WV	Outer	Upper	0	0	16,478	0	0.0%
Randolph Co., WV	Outer	Upper	0	0	6,122	0	0.0%
Richland Co., OH	Outer	Upper	0	0	29,191	0	0.0%
Somerset Co., PA	Outer	Upper	0	0	15,482	0	0.0%
Stark Co., OH	Outer	Upper	0	0	88,235	0	0.0%
Summers Co., WV	Outer	Upper	0	0	2,669	0	0.0%
Summit Co., OH	Outer	Upper	0	0	130,743	0	0.0%
Taylor Co., WV	Outer	Upper	0	0	3,686	0	0.0%
Tazewell Co., VA	Outer	Upper	0	0	8,821	0	0.0%
Trumbull Co., OH	Outer	Upper	0	4	48,249	0	0.0%
Tucker Co., WV	Outer	Upper	0	0	1,557	0	0.0%
Tuscarawas Co., OH	Outer	Upper	0	0	21,554	0	0.0%
Upshur Co., WV	Outer	Upper	0	0	5,020	0	0.0%
Venango Co., PA	Outer	Upper	0	0	12,080	0	0.0%
Warren Co., PA	Outer	Upper	0	0	8,828	0	0.0%
Wayne Co., OH	Outer	Upper	0	0	28,935	0	0.0%
Webster Co., WV	Outer	Upper	0	0	2,232	0	0.0%
Wyoming Co., WV	Outer	Upper	0	0	4,972	0	0.0%
Adair Co., KY	Outer	Middle	3	8	4,053	1,520	37.5%
Adams Co., IN	Outer	Middle	0	0	10,199	0	0.0%
Anderson Co., KY	Outer	Middle	0	0	5,184	0	0.0%
Auglaize Co., OH	Outer	Middle	0	0	11,722	0	0.0%
Bartholomew Co., IN	Outer	Middle	0	0	18,941	0	0.0%
Blackford Co., IN	Outer	Middle	0	0	3,465	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Bourbon Co., KY	Outer	Middle	0	0	4,843	0	0.0%
Boyle Co., KY	Outer	Middle	0	0	6,207	0	0.0%
Breathitt Co., KY	Outer	Middle	0	0	4,106	0	0.0%
Brown Co., IN	Outer	Middle	0	0	3,486	0	0.0%
Casey Co., KY	Outer	Middle	0	0	3,786	0	0.0%
Champaign Co., OH	Outer	Middle	0	0	9,571	0	0.0%
Clark Co., KY	Outer	Middle	0	0	8,143	0	0.0%
Clark Co., OH	Outer	Middle	0	0	33,446	0	0.0%
Clay Co., IN	Outer	Middle	0	0	6,553	0	0.0%
Clay Co., KY	Outer	Middle	0	0	5,814	0	0.0%
Clinton Co., KY	Outer	Middle	0	0	2,184	0	0.0%
Clinton Co., OH	Outer	Middle	0	0	10,757	0	0.0%
Cumberland Co., KY	Outer	Middle	0	0	1,689	0	0.0%
Darke Co., OH	Outer	Middle	0	0	12,785	0	0.0%
Decatur Co., IN	Outer	Middle	0	0	6,527	0	0.0%
Delaware Co., IN	Outer	Middle	0	0	24,115	0	0.0%
Delaware Co., OH	Outer	Middle	0	2	42,999	0	0.0%
Dickenson Co., VA	Outer	Middle	0	0	3,619	0	0.0%
Estill Co., KY	Outer	Middle	0	0	3,697	0	0.0%
Fayette Co., IN	Outer	Middle	0	0	5,665	0	0.0%
Fayette Co., KY	Outer	Middle	0	0	60,108	0	0.0%
Fayette Co., OH	Outer	Middle	0	0	6,896	0	0.0%
Floyd Co., KY	Outer	Middle	0	0	9,368	0	0.0%
Franklin Co., KY	Outer	Middle	0	0	10,605	0	0.0%
Franklin Co., OH	Outer	Middle	0	0	282,931	0	0.0%
Garrard Co., KY	Outer	Middle	0	0	3,602	0	0.0%
Grant Co., IN	Outer	Middle	0	0	15,214	0	0.0%
Green Co., KY	Outer	Middle	0	0	11,013	0	0.0%
Greene Co., IN	Outer	Middle	0	0	7,731	0	0.0%
Greene Co., OH	Outer	Middle	0	0	34,017	0	0.0%
Hamilton Co., IN	Outer	Middle	0	0	75,562	0	0.0%
Hancock Co., IN	Outer	Middle	0	0	16,302	0	0.0%
Harlan Co., KY	Outer	Middle	0	0	7,087	0	0.0%
Hart Co., KY	Outer	Middle	0	0	4,488	0	0.0%
Hendricks Co., IN	Outer	Middle	0	3	34,571	0	0.0%
Henry Co., IN	Outer	Middle	0	0	10,365	0	0.0%
Jackson Co., IN	Outer	Middle	0	0	10,472	0	0.0%
Jackson Co., KY	Outer	Middle	0	0	3,516	0	0.0%
Jay Co., IN	Outer	Middle	0	0	5,708	0	0.0%
Jessamine Co., KY	Outer	Middle	0	0	11,245	0	0.0%
Johnson Co., IN	Outer	Middle	0	0	34,209	0	0.0%
Johnson Co., KY	Outer	Middle	0	0	5,523	0	0.0%
Knott Co., KY	Outer	Middle	0	0	4,319	0	0.0%
Larue Co., KY	Outer	Middle	0	0	3,348	0	0.0%
Laurel Co., KY	Outer	Middle	0	0	13,951	0	0.0%
Lawrence Co., IN	Outer	Middle	0	0	10,711	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Lee Co., KY	Outer	Middle	0	0	1,797	0	0.0%
Leslie Co., KY	Outer	Middle	0	0	3,051	0	0.0%
Letcher Co., KY	Outer	Middle	0	0	5,184	0	0.0%
Lincoln Co., KY	Outer	Middle	0	0	6,223	0	0.0%
Logan Co., OH	Outer	Middle	0	0	11,605	0	0.0%
Madison Co., IN	Outer	Middle	0	0	30,018	0	0.0%
Madison Co., KY	Outer	Middle	0	0	17,845	0	0.0%
Madison Co., OH	Outer	Middle	0	0	9,502	0	0.0%
Magoffin Co., KY	Outer	Middle	0	0	3,570	0	0.0%
Marion Co., IN	Outer	Middle	0	0	233,049	0	0.0%
Marion Co., KY	Outer	Middle	0	0	4,596	0	0.0%
Martin Co., IN	Outer	Middle	0	0	2,615	0	0.0%
Martin Co., KY	Outer	Middle	0	0	3,539	0	0.0%
Menifee Co., KY	Outer	Middle	0	0	1,634	0	0.0%
Mercer Co., KY	Outer	Middle	0	0	5,092	0	0.0%
Mercer Co., OH	Outer	Middle	0	0	10,945	0	0.0%
Metcalfe Co., KY	Outer	Middle	0	0	2,471	0	0.0%
Miami Co., OH	Outer	Middle	0	0	24,113	0	0.0%
Monroe Co., IN	Outer	Middle	0	0	22,247	0	0.0%
Montgomery Co., KY	Outer	Middle	0	0	6,092	0	0.0%
Montgomery Co., OH	Outer	Middle	0	0	128,877	0	0.0%
Morgan Co., IN	Outer	Middle	0	3	17,529	0	0.0%
Morgan Co., KY	Outer	Middle	0	0	3,118	0	0.0%
Norton city, VA	Outer	Middle	0	0	850	0	0.0%
Owen Co., IN	Outer	Middle	0	0	5,301	0	0.0%
Owsley Co., KY	Outer	Middle	0	0	1,194	0	0.0%
Perry Co., KY	Outer	Middle	0	0	6,918	0	0.0%
Pickaway Co., OH	Outer	Middle	0	0	12,488	0	0.0%
Pike Co., KY	Outer	Middle	0	0	14,444	0	0.0%
Powell Co., KY	Outer	Middle	0	0	3,524	0	0.0%
Preble Co., OH	Outer	Middle	0	0	9,877	0	0.0%
Pulaski Co., KY	Outer	Middle	0	0	13,460	0	0.0%
Putnam Co., IN	Outer	Middle	0	0	8,010	0	0.0%
Randolph Co., IN	Outer	Middle	0	0	6,023	0	0.0%
Rockcastle Co., KY	Outer	Middle	0	0	4,054	0	0.0%
Ross Co., OH	Outer	Middle	0	0	16,756	0	0.0%
Rush Co., IN	Outer	Middle	0	0	4,877	0	0.0%
Russell Co., KY	Outer	Middle	0	0	3,675	0	0.0%
Russell Co., VA	Outer	Middle	0	0	5,965	0	0.0%
Scott Co., KY	Outer	Middle	0	0	11,008	0	0.0%
Shelby Co., IN	Outer	Middle	0	0	10,765	0	0.0%
Shelby Co., OH	Outer	Middle	0	0	13,181	0	0.0%
Taylor Co., KY	Outer	Middle	0	0	5,230	0	0.0%
Union Co., IN	Outer	Middle	0	0	2,005	0	0.0%
Union Co., OH	Outer	Middle	0	0	12,527	0	0.0%
Washington Co., KY	Outer	Middle	0	0	2,757	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Wayne Co., IN	Outer	Middle	0	0	15,771	0	0.0%
Wayne Co., KY	Outer	Middle	0	0	4,884	0	0.0%
Wise Co., VA	Outer	Middle	0	0	8,630	0	0.0%
Wolfe Co., KY	Outer	Middle	0	0	1,831	0	0.0%
Woodford Co., KY	Outer	Middle	0	0	5,725	0	0.0%
Allen Co., KY	Outer	Lower	0	2	4,601	0	0.0%
Barren Co., KY	Outer	Lower	1	18	9,502	528	5.6%
Benton Co., TN	Outer	Lower	0	0	3,641	0	0.0%
Bollinger Co., MO	Outer	Lower	0	0	3,151	0	0.0%
Butler Co., KY	Outer	Lower	0	0	3,288	0	0.0%
Butler Co., MO	Outer	Lower	0	0	9,841	0	0.0%
Cape Girardeau Co., MO	Outer	Lower	0	3	16,139	0	0.0%
Carroll Co., TN	Outer	Lower	0	0	6,371	0	0.0%
Carter Co., MO	Outer	Lower	0	0	1,493	0	0.0%
Cheatham Co., TN	Outer	Lower	0	0	9,873	0	0.0%
Christian Co., KY	Outer	Lower	0	0	24,856	0	0.0%
Clark Co., IL	Outer	Lower	0	0	4,233	0	0.0%
Clay Co., AR	Outer	Lower	0	4	4,068	0	0.0%
Clay Co., IL	Outer	Lower	0	0	3,483	0	0.0%
Clay Co., TN	Outer	Lower	0	0	1,714	0	0.0%
Clinton Co., IL	Outer	Lower	0	0	8,054	0	0.0%
Crawford Co., IL	Outer	Lower	0	0	4,664	0	0.0%
Crockett Co., TN	Outer	Lower	0	0	3,654	0	0.0%
Cumberland Co., IL	Outer	Lower	0	0	2,976	0	0.0%
Davidson Co., TN	Outer	Lower	0	0	143,590	0	0.0%
Daviess Co., IN	Outer	Lower	0	0	8,519	0	0.0%
Decatur Co., TN	Outer	Lower	0	0	2,549	0	0.0%
Dickson Co., TN	Outer	Lower	0	0	11,852	0	0.0%
Dunklin Co., MO	Outer	Lower	0	0	8,151	0	0.0%
Dyer Co., TN	Outer	Lower	0	0	9,414	0	0.0%
Edmonson Co., KY	Outer	Lower	0	0	2,745	0	0.0%
Effingham Co., IL	Outer	Lower	0	0	8,819	0	0.0%
Fayette Co., IL	Outer	Lower	0	0	4,706	0	0.0%
Franklin Co., IL	Outer	Lower	0	0	8,920	0	0.0%
Gibson Co., TN	Outer	Lower	0	0	11,229	0	0.0%
Greene Co., AR	Outer	Lower	0	0	9,958	0	0.0%
Haywood Co., TN	Outer	Lower	0	0	5,380	0	0.0%
Henderson Co., TN	Outer	Lower	0	0	6,408	0	0.0%
Henry Co., TN	Outer	Lower	0	0	6,738	0	0.0%
Hickman Co., TN	Outer	Lower	0	0	5,702	0	0.0%
Houston Co., TN	Outer	Lower	0	0	1,970	0	0.0%
Humphreys Co., TN	Outer	Lower	0	0	4,282	0	0.0%
Iron Co., MO	Outer	Lower	0	0	2,673	0	0.0%
Jackson Co., IL	Outer	Lower	0	0	10,736	0	0.0%
Jasper Co., IL	Outer	Lower	0	0	2,620	0	0.0%
Jefferson Co., IL	Outer	Lower	0	0	8,874	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Knox Co., IN	Outer	Lower	0	0	8,105	0	0.0%
Lake Co., TN	Outer	Lower	0	0	1,411	0	0.0%
Lauderdale Co., TN	Outer	Lower	0	0	6,417	0	0.0%
Lawrence Co., IL	Outer	Lower	0	0	3,510	0	0.0%
Logan Co., KY	Outer	Lower	0	0	6,127	0	0.0%
Macon Co., TN	Outer	Lower	0	0	5,203	0	0.0%
Madison Co., MO	Outer	Lower	0	0	2,904	0	0.0%
Madison Co., TN	Outer	Lower	0	0	24,354	0	0.0%
Marion Co., IL	Outer	Lower	0	0	9,329	0	0.0%
Mississippi Co., AR	Outer	Lower	0	0	13,320	0	0.0%
Monroe Co., IL	Outer	Lower	0	0	7,488	0	0.0%
Monroe Co., KY	Outer	Lower	0	0	2,811	0	0.0%
Montgomery Co., TN	Outer	Lower	0	5	43,363	0	0.0%
Obion Co., TN	Outer	Lower	0	0	7,231	0	0.0%
Pemiscot Co., MO	Outer	Lower	0	0	6,015	0	0.0%
Perry Co., IL	Outer	Lower	0	0	4,459	0	0.0%
Perry Co., MO	Outer	Lower	0	0	4,715	0	0.0%
Perry Co., TN	Outer	Lower	0	0	1,862	0	0.0%
Randolph Co., IL	Outer	Lower	0	0	6,807	0	0.0%
Reynolds Co., MO	Outer	Lower	0	0	1,608	0	0.0%
Richland Co., IL	Outer	Lower	0	0	3,964	0	0.0%
Ripley Co., MO	Outer	Lower	0	0	3,352	0	0.0%
Robertson Co., TN	Outer	Lower	0	0	16,032	0	0.0%
Shelby Co., IL	Outer	Lower	0	0	4,841	0	0.0%
Simpson Co., KY	Outer	Lower	0	0	4,305	0	0.0%
St. Clair Co., IL	Outer	Lower	0	0	67,908	0	0.0%
St. Francois Co., MO	Outer	Lower	0	0	13,685	0	0.0%
Ste. Genevieve Co., MO	Outer	Lower	0	0	4,749	0	0.0%
Stewart Co., TN	Outer	Lower	0	0	2,960	0	0.0%
Stoddard Co., MO	Outer	Lower	0	0	6,700	0	0.0%
Sullivan Co., IN	Outer	Lower	0	0	4,520	0	0.0%
Sumner Co., TN	Outer	Lower	0	0	36,650	0	0.0%
Tipton Co., TN	Outer	Lower	0	0	14,731	0	0.0%
Todd Co., KY	Outer	Lower	0	0	3,183	0	0.0%
Trousdale Co., TN	Outer	Lower	0	0	1,757	0	0.0%
Vigo Co., IN	Outer	Lower	0	0	23,264	0	0.0%
Warren Co., KY	Outer	Lower	0	0	23,454	0	0.0%
Washington Co., IL	Outer	Lower	0	0	3,837	0	0.0%
Wayne Co., IL	Outer	Lower	0	0	4,072	0	0.0%
Wayne Co., MO	Outer	Lower	0	0	3,079	0	0.0%
Weakley Co., TN	Outer	Lower	0	0	7,039	0	0.0%

Table 7.3 All Adult and Child (Combined) River-Based Recreation: Numbers of Participants and Participation Rates

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Allegheny Co., PA	Inner	Upper	45	440	1,257,987	116,301	9.2%
Athens Co., OH	Inner	Upper	7	31	61,567	14,570	23.7%
Beaver Co., PA	Inner	Upper	15	85	176,756	130,871	74.0%
Belmont Co., OH	Inner	Upper	13	43	68,605	20,112	29.3%
Brooke Co., WV	Inner	Upper	5	22	24,568	6,086	24.8%
Butler Co., PA	Inner	Upper	8	64	173,065	26,198	15.1%
Cabell Co., WV	Inner	Upper	6	40	96,642	14,044	14.5%
Calhoun Co., WV	Inner	Upper	12	17	7,582	5,321	70.2%
Carroll Co., OH	Inner	Upper	3	19	28,049	19,365	69.0%
Columbiana Co., OH	Inner	Upper	2	50	108,938	4,230	3.9%
Doddridge Co., WV	Inner	Upper	0	2	7,403	0	0.0%
Fayette Co., PA	Inner	Upper	6	72	145,207	4,230	2.9%
Gallia Co., OH	Inner	Upper	9	25	30,523	8,696	28.5%
Greene Co., PA	Inner	Upper	0	36	39,875	0	0.0%
Hancock Co., WV	Inner	Upper	1	24	32,046	8,696	27.1%
Harrison Co., OH	Inner	Upper	2	16	15,856	4,083	25.8%
Jackson Co., OH	Inner	Upper	0	11	32,283	0	0.0%
Jackson Co., WV	Inner	Upper	6	30	27,576	4,083	14.8%
Jefferson Co., OH	Inner	Upper	10	46	72,028	16,397	22.8%
Kanawha Co., WV	Inner	Upper	6	45	198,343	27,081	13.7%
Lawrence Co., OH	Inner	Upper	10	41	61,507	43,477	70.7%
Lawrence Co., PA	Inner	Upper	1	37	92,426	2,611	2.8%
Lincoln Co., WV	Inner	Upper	6	29	21,990	4,215	19.2%
Mahoning Co., OH	Inner	Upper	7	125	250,416	6,826	2.7%
Marion Co., WV	Inner	Upper	12	49	56,293	9,682	17.2%
Marshall Co., WV	Inner	Upper	13	67	34,446	8,276	24.0%
Mason Co., WV	Inner	Upper	12	39	25,500	17,958	70.4%
Meigs Co., OH	Inner	Upper	7	23	22,747	8,415	37.0%
Monroe Co., OH	Inner	Upper	1	12	15,180	358	2.4%
Morgan Co., OH	Inner	Upper	0	2	14,897	8,773	58.9%
Noble Co., OH	Inner	Upper	3	4	14,058	7,697	54.7%
Ohio Co., WV	Inner	Upper	3	26	46,397	3,870	8.3%
Pleasants Co., WV	Inner	Upper	2	10	7,514	11,567	153.9%
Putnam Co., WV	Inner	Upper	0	23	51,501	0	0.0%
Ritchie Co., WV	Inner	Upper	5	12	10,343	5,834	56.4%
Roane Co., WV	Inner	Upper	1	3	15,446	5,834	37.8%
Tyler Co., WV	Inner	Upper	1	23	9,592	552	5.8%
Vinton Co., OH	Inner	Upper	0	2	12,806	0	0.0%
Washington Co., OH	Inner	Upper	11	48	61,827	552	0.9%
Washington Co., PA	Inner	Upper	7	113	200,603	8,988	4.5%
Wayne Co., WV	Inner	Upper	7	49	42,024	7,555	18.0%
Westmoreland Co., PA	Inner	Upper	9	173	361,824	16,543	4.6%
Wetzel Co., WV	Inner	Upper	2	18	17,693	2,210	12.5%
Wirt Co., WV	Inner	Upper	1	2	5,873	2,191	37.3%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Wood Co., WV	Inner	Upper	16	52	86,667	4,400	5.1%
Adams Co., OH	Inner	Middle	9	25	27,207	8,610	31.6%
Bath Co., KY	Inner	Middle	0	1	11,085	0	0.0%
Boone Co., KY	Inner	Middle	13	52	91,670	8,610	9.4%
Boyd Co., KY	Inner	Middle	0	26	49,521	0	0.0%
Bracken Co., KY	Inner	Middle	1	12	8,279	302	3.6%
Brown Co., OH	Inner	Middle	0	16	41,834	302	0.7%
Bullitt Co., KY	Inner	Middle	15	60	62,725	18,490	29.5%
Butler Co., OH	Inner	Middle	28	218	335,192	50,359	15.0%
Campbell Co., KY	Inner	Middle	4	35	86,842	68,849	79.3%
Carroll Co., KY	Inner	Middle	0	1	10,155	0	0.0%
Carter Co., KY	Inner	Middle	10	30	26,745	10,068	37.6%
Clark Co., IN	Inner	Middle	11	44	97,914	10,068	10.3%
Clermont Co., OH	Inner	Middle	22	120	178,780	34,465	19.3%
Crawford Co., IN	Inner	Middle	8	19	10,743	5,570	51.9%
Dearborn Co., IN	Inner	Middle	12	42	45,922	40,036	87.2%
Elliott Co., KY	Inner	Middle	0	4	6,748	0	0.0%
Fleming Co., KY	Inner	Middle	0	2	13,792	0	0.0%
Floyd Co., IN	Inner	Middle	13	53	70,062	0	0.0%
Franklin Co., IN	Inner	Middle	0	10	21,810	0	0.0%
Gallatin Co., KY	Inner	Middle	0	2	7,870	0	0.0%
Grant Co., KY	Inner	Middle	2	26	22,605	0	0.0%
Greenup Co., KY	Inner	Middle	4	10	36,246	11,154	30.8%
Hamilton Co., OH	Inner	Middle	52	416	835,158	100,492	12.0%
Hardin Co., KY	Inner	Middle	7	70	93,701	111,646	119.2%
Harrison Co., IN	Inner	Middle	4	29	34,101	3,574	10.5%
Harrison Co., KY	Inner	Middle	0	10	17,983	0	0.0%
Henry Co., KY	Inner	Middle	0	1	15,060	3,574	23.7%
Highland Co., OH	Inner	Middle	2	22	40,883	3,127	7.6%
Jefferson Co., IN	Inner	Middle	23	32	31,612	22,438	71.0%
Jefferson Co., KY	Inner	Middle	46	272	695,153	25,565	3.7%
Jennings Co., IN	Inner	Middle	1	4	27,306	4,468	16.4%
Kenton Co., KY	Inner	Middle	12	61	151,582	31,058	20.5%
Lawrence Co., KY	Inner	Middle	3	17	15,569	35,526	228.2%
Lewis Co., KY	Inner	Middle	0	1	14,092	0	0.0%
Mason Co., KY	Inner	Middle	1	7	16,800	1,831	10.9%
Meade Co., KY	Inner	Middle	3	22	25,702	1,831	7.1%
Nelson Co., KY	Inner	Middle	1	15	38,034	4,351	11.4%
Nicholas Co., KY	Inner	Middle	0	2	6,813	0	0.0%
Ohio Co., IN	Inner	Middle	1	4	5,623	4,351	77.4%
Oldham Co., KY	Inner	Middle	8	41	46,861	9,173	19.6%
Orange Co., IN	Inner	Middle	0	19	19,306	0	0.0%
Owen Co., KY	Inner	Middle	4	17	10,547	9,173	87.0%
Pendleton Co., KY	Inner	Middle	5	19	14,390	6,300	43.8%
Pike Co., OH	Inner	Middle	0	6	27,316	0	0.0%
Ripley Co., IN	Inner	Middle	0	7	26,328	6,300	23.9%

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Robertson Co., KY	Inner	Middle	5	14	2,266	1,116	49.2%
Rowan Co., KY	Inner	Middle	0	22	22,587	0	0.0%
Scioto Co., OH	Inner	Middle	8	30	77,348	1,116	1.4%
Scott Co., IN	Inner	Middle	8	37	22,724	6,542	28.8%
Shelby Co., KY	Inner	Middle	7	24	34,802	15,723	45.2%
Spencer Co., KY	Inner	Middle	0	4	11,766	22,265	189.2%
Switzerland Co., IN	Inner	Middle	0	13	9,065	0	0.0%
Trimble Co., KY	Inner	Middle	2	7	8,125	1,840	22.6%
Warren Co., OH	Inner	Middle	17	103	167,965	1,840	1.1%
Washington Co., IN	Inner	Middle	1	19	26,846	1,521	5.7%
Alexander Co., IL	Inner	Lower	8	17	9,590	3,816	39.8%
Ballard Co., KY	Inner	Lower	1	5	8,286	1,165	14.1%
Breckinridge Co., KY	Inner	Lower	1	50	18,648	4,981	26.7%
Caldwell Co., KY	Inner	Lower	0	10	13,060	0	0.0%
Calloway Co., KY	Inner	Lower	11	49	34,341	8,721	25.4%
Carlisle Co., KY	Inner	Lower	2	3	5,351	8,721	163.0%
Crittenden Co., KY	Inner	Lower	0	26	9,384	0	0.0%
Daviess Co., KY	Inner	Lower	22	126	91,018	16,250	17.9%
Dubois Co., IN	Inner	Lower	4	59	39,274	16,250	41.4%
Edwards Co., IL	Inner	Lower	1	16	6,971	201	2.9%
Fulton Co., KY	Inner	Lower	2	19	7,752	1,559	20.1%
Gallatin Co., IL	Inner	Lower	3	6	6,445	1,760	27.3%
Gibson Co., IN	Inner	Lower	2	55	32,268	1,084	3.4%
Graves Co., KY	Inner	Lower	6	69	36,858	3,389	9.2%
Grayson Co., KY	Inner	Lower	1	36	24,055	4,472	18.6%
Hamilton Co., IL	Inner	Lower	4	10	8,621	2,585	30.0%
Hancock Co., KY	Inner	Lower	2	13	8,392	1,205	14.4%
Hardin Co., IL	Inner	Lower	0	23	29,309	3,790	12.9%
Henderson Co., KY	Inner	Lower	23	72	44,456	13,583	30.6%
Hickman Co., KY	Inner	Lower	0	10	5,262	0	0.0%
Hopkins Co., KY	Inner	Lower	4	73	46,018	13,583	29.5%
Johnson Co., IL	Inner	Lower	4	18	12,878	1,931	15.0%
Livingston Co., KY	Inner	Lower	1	13	9,804	669	6.8%
Lyon Co., KY	Inner	Lower	1	10	8,080	2,599	32.2%
Marshall Co., KY	Inner	Lower	6	49	29,797	4,277	14.4%
Massac Co., IL	Inner	Lower	2	27	15,161	1,357	8.9%
McCracken Co., KY	Inner	Lower	8	106	64,728	5,633	8.7%
McLean Co., KY	Inner	Lower	2	14	9,938	1,733	17.4%
Mississippi Co., MO	Inner	Lower	0	7	13,427	0	0.0%
Muhlenberg Co., KY	Inner	Lower	1	56	31,444	1,733	5.5%
New Madrid Co., MO	Inner	Lower	0	17	19,760	0	0.0%
Ohio Co., KY	Inner	Lower	1	36	22,773	789	3.5%
Perry Co., IN	Inner	Lower	22	60	18,899	789	4.2%
Pike Co., IN	Inner	Lower	1	39	12,837	676	5.3%
Pope Co., IL	Inner	Lower	0	3	4,413	0	0.0%
Posey Co., IN	Inner	Lower	9	60	25,818	676	2.6%

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Pulaski Co., IL	Inner	Lower	0	13	7,348	0	0.0%
Saline Co., IL	Inner	Lower	10	27	26,201	9,014	34.4%
Scott Co., MO	Inner	Lower	0	32	39,917	9,014	22.6%
Spencer Co., IN	Inner	Lower	3	33	19,770	1,772	9.0%
Trigg Co., KY	Inner	Lower	0	10	12,597	0	0.0%
Union Co., IL	Inner	Lower	1	11	18,293	1,772	9.7%
Union Co., KY	Inner	Lower	2	14	15,637	2,007	12.8%
Vanderburgh Co., IN	Inner	Lower	66	402	172,497	29,543	17.1%
Wabash Co., IL	Inner	Lower	3	22	12,937	31,550	243.9%
Warrick Co., IN	Inner	Lower	15	108	52,160	6,949	13.3%
Webster Co., KY	Inner	Lower	0	22	14,120	0	0.0%
White Co., IL	Inner	Lower	3	16	15,371	6,949	45.2%
Williamson Co., IL	Inner	Lower	3	76	61,187	3,059	5.0%
Allegany Co., MD	Outer	Upper	0	4	73,402	0	0.0%
Armstrong Co., PA	Outer	Upper	0	4	70,050	0	0.0%
Ashland Co., OH	Outer	Upper	0	3	51,957	0	0.0%
Ashtabula Co., OH	Outer	Upper	0	6	100,241	0	0.0%
Barbour Co., WV	Outer	Upper	0	1	15,557	0	0.0%
Bedford Co., PA	Outer	Upper	0	3	49,034	0	0.0%
Blair Co., PA	Outer	Upper	0	8	126,638	0	0.0%
Boone Co., WV	Outer	Upper	0	1	25,262	0	0.0%
Braxton Co., WV	Outer	Upper	0	1	14,702	0	0.0%
Buchanan Co., VA	Outer	Upper	0	2	25,775	0	0.0%
Cambria Co., PA	Outer	Upper	0	9	149,136	0	0.0%
Chautauqua Co., NY	Outer	Upper	0	8	134,834	0	0.0%
Clarion Co., PA	Outer	Upper	0	2	40,790	0	0.0%
Clay Co., WV	Outer	Upper	0	1	10,330	0	0.0%
Clearfield Co., PA	Outer	Upper	0	5	80,820	0	0.0%
Coshocton Co., OH	Outer	Upper	0	2	35,877	0	0.0%
Crawford Co., PA	Outer	Upper	0	5	88,045	0	0.0%
Cuyahoga Co., OH	Outer	Upper	1	79	1,360,605	0	0.0%
Elk Co., PA	Outer	Upper	0	2	33,614	0	0.0%
Erie Co., PA	Outer	Upper	0	16	275,877	0	0.0%
Fairfield Co., OH	Outer	Upper	0	7	125,182	0	0.0%
Fayette Co., WV	Outer	Upper	0	3	47,157	0	0.0%
Forest Co., PA	Outer	Upper	0	0	4,946	0	0.0%
Garrett Co., MD	Outer	Upper	0	2	28,944	0	0.0%
Geauga Co., OH	Outer	Upper	0	5	88,793	0	0.0%
Gilmer Co., WV	Outer	Upper	0	0	7,160	0	0.0%
Grant Co., WV	Outer	Upper	0	1	11,299	0	0.0%
Greenbrier Co., WV	Outer	Upper	0	2	34,222	0	0.0%
Guernsey Co., OH	Outer	Upper	0	2	40,162	0	0.0%
Harrison Co., WV	Outer	Upper	0	4	67,884	0	0.0%
Hocking Co., OH	Outer	Upper	0	2	27,966	0	0.0%
Holmes Co., OH	Outer	Upper	0	2	39,228	0	0.0%
Indiana Co., PA	Outer	Upper	0	5	86,911	0	0.0%

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Jefferson Co., PA	Outer	Upper	0	3	44,820	0	0.0%
Knox Co., OH	Outer	Upper	0	3	54,440	0	0.0%
Lake Co., OH	Outer	Upper	0	13	225,070	0	0.0%
Lewis Co., WV	Outer	Upper	0	1	16,919	0	0.0%
Licking Co., OH	Outer	Upper	0	8	146,066	0	0.0%
Logan Co., WV	Outer	Upper	0	2	37,124	0	0.0%
Lorain Co., OH	Outer	Upper	0	16	284,076	0	0.0%
McDowell Co., WV	Outer	Upper	0	2	25,977	0	0.0%
Medina Co., OH	Outer	Upper	0	8	152,041	0	0.0%
Mercer Co., PA	Outer	Upper	0	7	117,728	0	0.0%
Mercer Co., WV	Outer	Upper	2	26	62,754	3,394	5.4%
Mineral Co., WV	Outer	Upper	0	2	26,474	3,394	12.8%
Mingo Co., WV	Outer	Upper	0	2	27,404	0	0.0%
Monongalia Co., WV	Outer	Upper	0	9	82,502	0	0.0%
Morrow Co., OH	Outer	Upper	0	2	31,518	0	0.0%
Muskingum Co., OH	Outer	Upper	0	12	83,480	0	0.0%
Nicholas Co., WV	Outer	Upper	0	2	25,840	0	0.0%
Pendleton Co., WV	Outer	Upper	0	0	8,196	0	0.0%
Perry Co., OH	Outer	Upper	0	2	33,550	0	0.0%
Pocahontas Co., WV	Outer	Upper	0	1	9,131	0	0.0%
Portage Co., OH	Outer	Upper	0	9	149,513	0	0.0%
Preston Co., WV	Outer	Upper	0	2	28,794	0	0.0%
Raleigh Co., WV	Outer	Upper	0	5	78,628	0	0.0%
Randolph Co., WV	Outer	Upper	0	2	28,074	0	0.0%
Richland Co., OH	Outer	Upper	0	7	126,030	0	0.0%
Somerset Co., PA	Outer	Upper	0	5	77,662	0	0.0%
Stark Co., OH	Outer	Upper	0	21	372,397	0	0.0%
Summers Co., WV	Outer	Upper	0	1	12,999	0	0.0%
Summit Co., OH	Outer	Upper	0	31	537,656	0	0.0%
Taylor Co., WV	Outer	Upper	0	1	16,089	0	0.0%
Tazewell Co., VA	Outer	Upper	0	3	43,854	0	0.0%
Trumbull Co., OH	Outer	Upper	0	10	218,545	0	0.0%
Tucker Co., WV	Outer	Upper	0	0	7,321	0	0.0%
Tuscarawas Co., OH	Outer	Upper	0	5	89,373	0	0.0%
Upshur Co., WV	Outer	Upper	0	1	23,146	0	0.0%
Venango Co., PA	Outer	Upper	0	3	55,698	0	0.0%
Warren Co., PA	Outer	Upper	0	3	42,104	0	0.0%
Wayne Co., OH	Outer	Upper	0	6	109,876	0	0.0%
Webster Co., WV	Outer	Upper	0	1	9,719	0	0.0%
Wyoming Co., WV	Outer	Upper	0	2	24,922	0	0.0%
Adair Co., KY	Outer	Middle	3	9	17,244	1,520	8.8%
Adams Co., IN	Outer	Middle	0	2	33,370	0	0.0%
Anderson Co., KY	Outer	Middle	0	1	19,218	1,520	7.9%
Auglaize Co., OH	Outer	Middle	0	3	45,460	0	0.0%
Bartholomew Co., IN	Outer	Middle	0	4	71,425	0	0.0%
Blackford Co., IN	Outer	Middle	0	1	14,048	0	0.0%

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Bourbon Co., KY	Outer	Middle	0	1	19,360	0	0.0%
Boyle Co., KY	Outer	Middle	0	2	27,628	0	0.0%
Breathitt Co., KY	Outer	Middle	0	1	16,100	0	0.0%
Brown Co., IN	Outer	Middle	0	1	14,957	0	0.0%
Casey Co., KY	Outer	Middle	0	1	15,447	0	0.0%
Champaign Co., OH	Outer	Middle	0	2	38,284	0	0.0%
Clark Co., KY	Outer	Middle	0	2	33,064	0	0.0%
Clark Co., OH	Outer	Middle	0	9	141,835	0	0.0%
Clay Co., IN	Outer	Middle	0	2	26,179	0	0.0%
Clay Co., KY	Outer	Middle	0	1	24,138	0	0.0%
Clinton Co., KY	Outer	Middle	0	1	9,634	0	0.0%
Clinton Co., OH	Outer	Middle	0	2	40,597	0	0.0%
Cumberland Co., KY	Outer	Middle	0	0	7,147	0	0.0%
Darke Co., OH	Outer	Middle	0	3	52,081	0	0.0%
Decatur Co., IN	Outer	Middle	0	1	24,631	0	0.0%
Delaware Co., IN	Outer	Middle	0	7	116,636	0	0.0%
Delaware Co., OH	Outer	Middle	1	8	121,927	11,275	9.2%
Dickenson Co., VA	Outer	Middle	0	1	16,395	11,275	68.8%
Estill Co., KY	Outer	Middle	0	1	15,307	0	0.0%
Fayette Co., IN	Outer	Middle	0	2	25,030	0	0.0%
Fayette Co., KY	Outer	Middle	0	16	265,087	0	0.0%
Fayette Co., OH	Outer	Middle	0	2	28,121	0	0.0%
Floyd Co., KY	Outer	Middle	0	3	41,775	0	0.0%
Franklin Co., KY	Outer	Middle	0	3	47,516	0	0.0%
Franklin Co., OH	Outer	Middle	0	64	1,083,588	0	0.0%
Garrard Co., KY	Outer	Middle	0	1	14,792	0	0.0%
Grant Co., IN	Outer	Middle	0	4	71,279	0	0.0%
Green Co., KY	Outer	Middle	0	1	19,917	0	0.0%
Greene Co., IN	Outer	Middle	0	2	32,689	0	0.0%
Greene Co., OH	Outer	Middle	0	9	146,544	0	0.0%
Hamilton Co., IN	Outer	Middle	0	10	202,041	0	0.0%
Hancock Co., IN	Outer	Middle	0	3	56,996	0	0.0%
Harlan Co., KY	Outer	Middle	0	2	31,992	0	0.0%
Hart Co., KY	Outer	Middle	0	1	17,445	0	0.0%
Hendricks Co., IN	Outer	Middle	0	9	109,498	0	0.0%
Henry Co., IN	Outer	Middle	0	3	47,154	0	0.0%
Jackson Co., IN	Outer	Middle	0	2	41,258	0	0.0%
Jackson Co., KY	Outer	Middle	0	1	13,495	0	0.0%
Jay Co., IN	Outer	Middle	1	1	21,629	0	0.0%
Jessamine Co., KY	Outer	Middle	0	2	39,986	0	0.0%
Johnson Co., IN	Outer	Middle	0	7	118,085	0	0.0%
Johnson Co., KY	Outer	Middle	0	1	23,340	0	0.0%
Knott Co., KY	Outer	Middle	0	1	17,649	0	0.0%
Larue Co., KY	Outer	Middle	0	1	13,373	0	0.0%
Laurel Co., KY	Outer	Middle	0	3	53,265	0	0.0%
Lawrence Co., IN	Outer	Middle	0	3	45,359	0	0.0%

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Lee Co., KY	Outer	Middle	0	0	7,916	0	0.0%
Leslie Co., KY	Outer	Middle	0	1	12,401	0	0.0%
Letcher Co., KY	Outer	Middle	0	2	24,465	0	0.0%
Lincoln Co., KY	Outer	Middle	0	1	23,587	0	0.0%
Logan Co., OH	Outer	Middle	0	3	45,334	0	0.0%
Madison Co., IN	Outer	Middle	0	8	131,600	0	0.0%
Madison Co., KY	Outer	Middle	0	4	73,205	0	0.0%
Madison Co., OH	Outer	Middle	0	2	39,789	0	0.0%
Magoffin Co., KY	Outer	Middle	0	1	13,332	0	0.0%
Marion Co., IN	Outer	Middle	0	51	871,754	0	0.0%
Marion Co., KY	Outer	Middle	0	1	18,212	0	0.0%
Martin Co., IN	Outer	Middle	0	1	10,369	0	0.0%
Martin Co., KY	Outer	Middle	0	1	12,578	0	0.0%
Menifee Co., KY	Outer	Middle	0	0	6,556	0	0.0%
Mercer Co., KY	Outer	Middle	0	1	20,829	0	0.0%
Mercer Co., OH	Outer	Middle	0	2	39,753	0	0.0%
Metcalfe Co., KY	Outer	Middle	0	1	10,037	0	0.0%
Miami Co., OH	Outer	Middle	1	6	97,343	4,380	4.5%
Monroe Co., IN	Outer	Middle	0	8	121,146	0	0.0%
Montgomery Co., KY	Outer	Middle	0	1	23,031	4,380	19.0%
Montgomery Co., OH	Outer	Middle	0	34	549,960	0	0.0%
Morgan Co., IN	Outer	Middle	0	7	66,065	0	0.0%
Morgan Co., KY	Outer	Middle	0	1	13,948	0	0.0%
Norton city, VA	Outer	Middle	0	0	3,904	0	0.0%
Owen Co., IN	Outer	Middle	0	1	21,293	0	0.0%
Owsley Co., KY	Outer	Middle	0	0	4,858	0	0.0%
Perry Co., KY	Outer	Middle	0	2	29,147	0	0.0%
Pickaway Co., OH	Outer	Middle	0	3	52,428	0	0.0%
Pike Co., KY	Outer	Middle	0	4	66,895	0	0.0%
Powell Co., KY	Outer	Middle	0	1	13,237	0	0.0%
Preble Co., OH	Outer	Middle	0	3	41,187	0	0.0%
Pulaski Co., KY	Outer	Middle	0	3	56,521	0	0.0%
Putnam Co., IN	Outer	Middle	0	2	35,534	0	0.0%
Randolph Co., IN	Outer	Middle	0	2	26,519	0	0.0%
Rockcastle Co., KY	Outer	Middle	0	1	16,582	0	0.0%
Ross Co., OH	Outer	Middle	0	4	72,503	0	0.0%
Rush Co., IN	Outer	Middle	0	1	18,261	0	0.0%
Russell Co., KY	Outer	Middle	0	1	16,315	0	0.0%
Russell Co., VA	Outer	Middle	0	2	29,852	0	0.0%
Scott Co., KY	Outer	Middle	0	2	35,384	0	0.0%
Shelby Co., IN	Outer	Middle	1	3	42,627	0	0.0%
Shelby Co., OH	Outer	Middle	0	3	47,405	0	0.0%
Taylor Co., KY	Outer	Middle	0	1	22,792	0	0.0%
Union Co., IN	Outer	Middle	0	0	7,349	0	0.0%
Union Co., OH	Outer	Middle	0	2	42,139	0	0.0%
Washington Co., KY	Outer	Middle	0	1	10,916	0	0.0%

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Wayne Co., IN	Outer	Middle	0	4	69,653	0	0.0%
Wayne Co., KY	Outer	Middle	0	1	19,758	0	0.0%
Wise Co., VA	Outer	Middle	0	2	39,519	0	0.0%
Wolfe Co., KY	Outer	Middle	0	0	7,065	0	0.0%
Woodford Co., KY	Outer	Middle	0	1	23,042	0	0.0%
Allen Co., KY	Outer	Lower	1	4	17,800	879	4.9%
Barren Co., KY	Outer	Lower	2	23	38,325	3,677	9.6%
Benton Co., TN	Outer	Lower	0	2	16,537	4,556	27.5%
Bollinger Co., MO	Outer	Lower	0	1	12,029	0	0.0%
Butler Co., KY	Outer	Lower	0	2	13,010	0	0.0%
Butler Co., MO	Outer	Lower	0	5	40,822	0	0.0%
Cape Girardeau Co., MO	Outer	Lower	1	11	68,735	6,575	9.6%
Carroll Co., TN	Outer	Lower	0	4	29,006	0	0.0%
Carter Co., MO	Outer	Lower	0	1	5,941	0	0.0%
Cheatham Co., TN	Outer	Lower	0	4	35,855	0	0.0%
Christian Co., KY	Outer	Lower	0	8	76,662	0	0.0%
Clark Co., IL	Outer	Lower	0	2	17,008	0	0.0%
Clay Co., AR	Outer	Lower	0	6	17,609	0	0.0%
Clay Co., IL	Outer	Lower	0	2	14,560	0	0.0%
Clay Co., TN	Outer	Lower	0	1	7,976	0	0.0%
Clinton Co., IL	Outer	Lower	0	4	34,753	0	0.0%
Crawford Co., IL	Outer	Lower	0	3	20,452	0	0.0%
Crockett Co., TN	Outer	Lower	0	2	14,532	0	0.0%
Cumberland Co., IL	Outer	Lower	0	1	11,253	0	0.0%
Davidson Co., TN	Outer	Lower	0	71	587,034	0	0.0%
Daviess Co., IN	Outer	Lower	0	3	29,705	0	0.0%
Decatur Co., TN	Outer	Lower	0	1	11,731	0	0.0%
Dickson Co., TN	Outer	Lower	0	5	43,522	0	0.0%
Dunklin Co., MO	Outer	Lower	0	4	32,693	0	0.0%
Dyer Co., TN	Outer	Lower	0	4	37,096	0	0.0%
Edmonson Co., KY	Outer	Lower	0	1	11,644	0	0.0%
Effingham Co., IL	Outer	Lower	0	4	33,299	0	0.0%
Fayette Co., IL	Outer	Lower	0	3	21,320	0	0.0%
Franklin Co., IL	Outer	Lower	0	5	38,980	0	0.0%
Gibson Co., TN	Outer	Lower	0	6	47,843	0	0.0%
Greene Co., AR	Outer	Lower	0	4	37,878	0	0.0%
Haywood Co., TN	Outer	Lower	0	2	19,797	0	0.0%
Henderson Co., TN	Outer	Lower	0	3	25,718	0	0.0%
Henry Co., TN	Outer	Lower	0	4	30,940	0	0.0%
Hickman Co., TN	Outer	Lower	0	3	22,494	0	0.0%
Houston Co., TN	Outer	Lower	0	1	8,088	0	0.0%
Humphreys Co., TN	Outer	Lower	0	2	17,929	0	0.0%
Iron Co., MO	Outer	Lower	0	1	10,697	0	0.0%
Jackson Co., IL	Outer	Lower	0	8	58,866	0	0.0%
Jasper Co., IL	Outer	Lower	0	1	10,117	0	0.0%
Jefferson Co., IL	Outer	Lower	0	5	39,223	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Knox Co., IN	Outer	Lower	0	5	38,360	0	0.0%
Lake Co., TN	Outer	Lower	0	1	7,954	0	0.0%
Lauderdale Co., TN	Outer	Lower	0	3	26,799	0	0.0%
Lawrence Co., IL	Outer	Lower	0	2	15,452	0	0.0%
Logan Co., KY	Outer	Lower	0	3	25,875	0	0.0%
Macon Co., TN	Outer	Lower	0	2	20,275	0	0.0%
Madison Co., MO	Outer	Lower	0	1	11,800	0	0.0%
Madison Co., TN	Outer	Lower	0	11	92,474	0	0.0%
Marion Co., IL	Outer	Lower	0	5	40,398	0	0.0%
Mississippi Co., AR	Outer	Lower	0	6	49,892	0	0.0%
Monroe Co., IL	Outer	Lower	0	3	27,803	0	0.0%
Monroe Co., KY	Outer	Lower	0	1	11,756	0	0.0%
Montgomery Co., TN	Outer	Lower	1	21	139,802	0	0.0%
Obion Co., TN	Outer	Lower	0	4	32,075	0	0.0%
Pemiscot Co., MO	Outer	Lower	0	2	20,047	0	0.0%
Perry Co., IL	Outer	Lower	0	3	22,470	0	0.0%
Perry Co., MO	Outer	Lower	0	2	18,132	0	0.0%
Perry Co., TN	Outer	Lower	0	1	7,631	0	0.0%
Randolph Co., IL	Outer	Lower	0	4	33,193	0	0.0%
Reynolds Co., MO	Outer	Lower	0	1	6,689	0	0.0%
Richland Co., IL	Outer	Lower	0	2	16,149	0	0.0%
Ripley Co., MO	Outer	Lower	0	2	13,509	0	0.0%
Robertson Co., TN	Outer	Lower	0	6	55,883	0	0.0%
Shelby Co., IL	Outer	Lower	1	3	22,006	6,205	28.2%
Simpson Co., KY	Outer	Lower	0	2	16,405	6,205	37.8%
St. Clair Co., IL	Outer	Lower	0	30	253,065	0	0.0%
St. Francois Co., MO	Outer	Lower	0	7	55,991	0	0.0%
Ste. Genevieve Co., MO	Outer	Lower	0	2	17,842	0	0.0%
Stewart Co., TN	Outer	Lower	0	2	12,370	0	0.0%
Stoddard Co., MO	Outer	Lower	0	4	29,312	0	0.0%
Sullivan Co., IN	Outer	Lower	0	3	21,359	0	0.0%
Sumner Co., TN	Outer	Lower	0	15	132,762	0	0.0%
Tipton Co., TN	Outer	Lower	0	6	50,977	0	0.0%
Todd Co., KY	Outer	Lower	0	1	11,971	0	0.0%
Trousdale Co., TN	Outer	Lower	0	1	7,259	0	0.0%
Vigo Co., IN	Outer	Lower	0	13	104,896	0	0.0%
Warren Co., KY	Outer	Lower	0	11	94,578	0	0.0%
Washington Co., IL	Outer	Lower	0	2	15,148	0	0.0%
Wayne Co., IL	Outer	Lower	0	2	17,151	0	0.0%
Wayne Co., MO	Outer	Lower	0	2	13,259	0	0.0%
Weakley Co., TN	Outer	Lower	0	4	34,383	0	0.0%

Table 8.1. Adult River-Contact Recreation: Numbers of Participants and Participation Rates

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Allegheny Co., PA	Inner	Upper	19	294	1,000,490	64,750	6.5%
Athens Co., OH	Inner	Upper	5	20	50,812	12,615	24.8%
Beaver Co., PA	Inner	Upper	11	59	140,350	26,269	18.7%
Belmont Co., OH	Inner	Upper	7	25	54,942	15,558	28.3%
Brooke Co., WV	Inner	Upper	3	11	20,247	5,300	26.2%
Butler Co., PA	Inner	Upper	3	35	131,235	11,385	8.7%
Cabell Co., WV	Inner	Upper	6	33	77,382	14,044	18.1%
Calhoun Co., WV	Inner	Upper	4	6	5,884	4,086	69.4%
Carroll Co., OH	Inner	Upper	1	7	21,584	3,040	14.1%
Columbiana Co., OH	Inner	Upper	2	40	84,807	4,230	5.0%
Doddridge Co., WV	Inner	Upper	0	2	5,550	0	0.0%
Fayette Co., PA	Inner	Upper	2	39	114,910	5,922	5.2%
Gallia Co., OH	Inner	Upper	3	15	23,298	4,723	20.3%
Greene Co., PA	Inner	Upper	0	18	31,693	0	0.0%
Hancock Co., WV	Inner	Upper	1	13	25,865	2,033	7.9%
Harrison Co., OH	Inner	Upper	2	6	12,209	4,083	33.4%
Jackson Co., OH	Inner	Upper	3	3	24,160	23,010	95.2%
Jackson Co., WV	Inner	Upper	0	16	21,243	0	0.0%
Jefferson Co., OH	Inner	Upper	7	30	58,073	13,780	23.7%
Kanawha Co., WV	Inner	Upper	1	36	157,435	4,354	2.8%
Lawrence Co., OH	Inner	Upper	8	30	47,049	12,588	26.8%
Lawrence Co., PA	Inner	Upper	1	28	72,763	2,611	3.6%
Lincoln Co., WV	Inner	Upper	3	19	16,899	2,688	15.9%
Mahoning Co., OH	Inner	Upper	7	80	196,406	17,281	8.8%
Marion Co., WV	Inner	Upper	3	25	44,927	5,419	12.1%
Marshall Co., WV	Inner	Upper	6	27	27,407	6,189	22.6%
Mason Co., WV	Inner	Upper	5	14	20,056	7,314	36.5%
Meigs Co., OH	Inner	Upper	6	13	17,554	7,895	45.0%
Monroe Co., OH	Inner	Upper	0	2	11,599	0	0.0%
Morgan Co., OH	Inner	Upper	0	2	11,129	0	0.0%
Noble Co., OH	Inner	Upper	3	4	10,878	7,697	70.8%
Ohio Co., WV	Inner	Upper	1	14	37,331	2,737	7.3%
Pleasants Co., WV	Inner	Upper	0	2	5,728	0	0.0%
Putnam Co., WV	Inner	Upper	0	13	38,708	0	0.0%
Ritchie Co., WV	Inner	Upper	2	3	7,967	5,042	63.3%
Roane Co., WV	Inner	Upper	1	3	11,834	4,715	39.8%
Tyler Co., WV	Inner	Upper	1	13	7,361	552	7.5%
Vinton Co., OH	Inner	Upper	0	2	9,360	0	0.0%
Washington Co., OH	Inner	Upper	5	25	48,360	9,715	20.1%
Washington Co., PA	Inner	Upper	2	56	157,900	5,616	3.6%
Wayne Co., WV	Inner	Upper	4	20	32,881	6,609	20.1%
Westmoreland Co., PA	Inner	Upper	6	112	288,763	15,490	5.4%
Wetzel Co., WV	Inner	Upper	1	7	13,489	1,828	13.6%
Wirt Co., WV	Inner	Upper	1	2	4,381	2,191	50.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Wood Co., WV	Inner	Upper	7	32	67,758	14,780	21.8%
Adams Co., OH	Inner	Middle	3	16	20,128	3,891	19.3%
Bath Co., KY	Inner	Middle	0	1	8,407	0	0.0%
Boone Co., KY	Inner	Middle	10	30	61,347	20,160	32.9%
Boyd Co., KY	Inner	Middle	0	16	38,912	0	0.0%
Bracken Co., KY	Inner	Middle	0	5	6,164	0	0.0%
Brown Co., OH	Inner	Middle	0	7	30,617	0	0.0%
Bullitt Co., KY	Inner	Middle	5	32	44,596	6,895	15.5%
Butler Co., OH	Inner	Middle	0	100	246,511	0	0.0%
Campbell Co., KY	Inner	Middle	3	31	65,899	6,448	9.8%
Carroll Co., KY	Inner	Middle	0	1	7,585	0	0.0%
Carter Co., KY	Inner	Middle	7	16	20,306	8,688	42.8%
Clark Co., IN	Inner	Middle	7	32	73,096	15,812	21.6%
Clermont Co., OH	Inner	Middle	11	71	128,281	19,984	15.6%
Crawford Co., IN	Inner	Middle	6	9	7,995	5,158	64.5%
Dearborn Co., IN	Inner	Middle	6	24	33,375	8,372	25.1%
Elliott Co., KY	Inner	Middle	0	2	5,036	0	0.0%
Fleming Co., KY	Inner	Middle	0	2	10,292	0	0.0%
Floyd Co., IN	Inner	Middle	7	27	52,535	13,747	26.2%
Franklin Co., IN	Inner	Middle	0	10	15,924	0	0.0%
Gallatin Co., KY	Inner	Middle	0	2	5,623	0	0.0%
Grant Co., KY	Inner	Middle	1	14	15,959	1,161	7.3%
Greenup Co., KY	Inner	Middle	4	10	28,192	11,154	39.6%
Hamilton Co., OH	Inner	Middle	27	262	627,129	64,635	10.3%
Hardin Co., KY	Inner	Middle	0	39	68,211	0	0.0%
Harrison Co., IN	Inner	Middle	1	12	25,419	2,042	8.0%
Harrison Co., KY	Inner	Middle	0	6	13,486	0	0.0%
Henry Co., KY	Inner	Middle	0	1	11,240	0	0.0%
Highland Co., OH	Inner	Middle	1	19	29,845	1,563	5.2%
Jefferson Co., IN	Inner	Middle	11	16	23,980	16,952	70.7%
Jefferson Co., KY	Inner	Middle	28	165	525,333	89,256	17.0%
Jennings Co., IN	Inner	Middle	0	4	19,929	0	0.0%
Kenton Co., KY	Inner	Middle	6	47	111,565	14,371	12.9%
Lawrence Co., KY	Inner	Middle	1	7	11,633	1,726	14.8%
Lewis Co., KY	Inner	Middle	0	1	10,522	0	0.0%
Mason Co., KY	Inner	Middle	1	7	12,747	1,831	14.4%
Meade Co., KY	Inner	Middle	1	4	18,510	5,289	28.6%
Nelson Co., KY	Inner	Middle	0	6	27,105	0	0.0%
Nicholas Co., KY	Inner	Middle	0	2	5,205	0	0.0%
Ohio Co., IN	Inner	Middle	1	4	4,226	1,177	27.9%
Oldham Co., KY	Inner	Middle	4	19	33,534	7,052	21.0%
Orange Co., IN	Inner	Middle	0	9	14,346	0	0.0%
Owen Co., KY	Inner	Middle	2	8	7,853	1,988	25.3%
Pendleton Co., KY	Inner	Middle	5	8	10,306	6,300	61.1%
Pike Co., OH	Inner	Middle	0	6	20,173	0	0.0%
Ripley Co., IN	Inner	Middle	0	5	19,077	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Robertson Co., KY	Inner	Middle	2	4	1,727	954	55.2%
Rowan Co., KY	Inner	Middle	0	14	17,619	0	0.0%
Scioto Co., OH	Inner	Middle	7	20	59,847	20,760	34.7%
Scott Co., IN	Inner	Middle	3	14	16,932	3,547	20.9%
Shelby Co., KY	Inner	Middle	3	6	24,946	13,533	54.2%
Spencer Co., KY	Inner	Middle	2	4	8,595	3,880	45.1%
Switzerland Co., IN	Inner	Middle	0	3	6,681	0	0.0%
Trimble Co., KY	Inner	Middle	2	7	5,980	1,840	30.8%
Warren Co., OH	Inner	Middle	9	55	114,465	18,765	16.4%
Washington Co., IN	Inner	Middle	0	13	20,007	0	0.0%
Alexander Co., IL	Inner	Lower	3	9	7,114	2,268	31.9%
Ballard Co., KY	Inner	Lower	1	5	6,375	1,165	18.3%
Breckinridge Co., KY	Inner	Lower	1	24	14,001	581	4.1%
Caldwell Co., KY	Inner	Lower	0	10	10,133	0	0.0%
Calloway Co., KY	Inner	Lower	11	35	27,771	8,721	31.4%
Carlisle Co., KY	Inner	Lower	2	3	4,100	2,384	58.1%
Crittenden Co., KY	Inner	Lower	0	9	7,206	0	0.0%
Daviess Co., KY	Inner	Lower	13	83	67,925	10,585	15.6%
Dubois Co., IN	Inner	Lower	2	47	28,816	1,236	4.3%
Edwards Co., IL	Inner	Lower	0	8	5,364	0	0.0%
Fulton Co., KY	Inner	Lower	2	7	5,824	1,559	26.8%
Gallatin Co., IL	Inner	Lower	3	6	5,014	2,466	49.2%
Gibson Co., IN	Inner	Lower	1	34	24,440	711	2.9%
Graves Co., KY	Inner	Lower	5	40	27,960	3,469	12.4%
Grayson Co., KY	Inner	Lower	1	17	18,177	1,053	5.8%
Hamilton Co., IL	Inner	Lower	4	10	6,554	2,585	39.4%
Hancock Co., KY	Inner	Lower	1	7	6,151	831	13.5%
Hardin Co., IL	Inner	Lower	4	14	3,819	1,086	28.4%
Henderson Co., KY	Inner	Lower	13	50	33,786	8,784	26.0%
Hickman Co., KY	Inner	Lower	0	4	4,100	0	0.0%
Hopkins Co., KY	Inner	Lower	4	39	35,279	3,597	10.2%
Johnson Co., IL	Inner	Lower	1	9	10,515	1,143	10.9%
Livingston Co., KY	Inner	Lower	1	11	7,616	669	8.8%
Lyon Co., KY	Inner	Lower	1	8	6,805	864	12.7%
Marshall Co., KY	Inner	Lower	4	30	23,565	3,159	13.4%
Massac Co., IL	Inner	Lower	2	17	11,669	1,357	11.6%
McCracken Co., KY	Inner	Lower	2	63	50,199	1,599	3.2%
McLean Co., KY	Inner	Lower	1	5	7,533	1,466	19.5%
Mississippi Co., MO	Inner	Lower	0	7	9,893	0	0.0%
Muhlenberg Co., KY	Inner	Lower	1	33	24,633	738	3.0%
New Madrid Co., MO	Inner	Lower	0	11	14,537	0	0.0%
Ohio Co., KY	Inner	Lower	1	22	17,212	789	4.6%
Perry Co., IN	Inner	Lower	11	36	14,574	4,438	30.5%
Pike Co., IN	Inner	Lower	0	14	9,767	0	0.0%
Pope Co., IL	Inner	Lower	0	3	3,464	0	0.0%
Posey Co., IN	Inner	Lower	4	31	19,670	2,507	12.7%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Pulaski Co., IL	Inner	Lower	0	11	5,352	0	0.0%
Saline Co., IL	Inner	Lower	4	15	20,319	5,250	25.8%
Scott Co., MO	Inner	Lower	0	29	29,337	0	0.0%
Spencer Co., IN	Inner	Lower	0	23	14,994	0	0.0%
Trigg Co., KY	Inner	Lower	0	10	9,711	0	0.0%
Union Co., IL	Inner	Lower	1	11	14,056	1,332	9.5%
Union Co., KY	Inner	Lower	2	12	11,680	2,007	17.2%
Vanderburgh Co., IN	Inner	Lower	38	231	132,143	21,711	16.4%
Wabash Co., IL	Inner	Lower	1	12	9,804	819	8.4%
Warrick Co., IN	Inner	Lower	8	67	38,309	4,584	12.0%
Webster Co., KY	Inner	Lower	0	11	10,714	0	0.0%
White Co., IL	Inner	Lower	1	8	12,060	1,451	12.0%
Williamson Co., IL	Inner	Lower	2	46	47,245	2,039	4.3%
Allegany Co., MD	Outer	Upper	0	4	59,524	0	0.0%
Armstrong Co., PA	Outer	Upper	0	4	55,818	0	0.0%
Ashland Co., OH	Outer	Upper	0	3	39,001	0	0.0%
Ashtabula Co., OH	Outer	Upper	0	6	75,863	0	0.0%
Barbour Co., WV	Outer	Upper	0	1	11,980	0	0.0%
Bedford Co., PA	Outer	Upper	0	3	38,210	0	0.0%
Blair Co., PA	Outer	Upper	0	8	99,862	0	0.0%
Boone Co., WV	Outer	Upper	0	1	19,610	0	0.0%
Braxton Co., WV	Outer	Upper	0	1	11,356	0	0.0%
Buchanan Co., VA	Outer	Upper	0	2	21,205	0	0.0%
Cambria Co., PA	Outer	Upper	0	9	120,523	0	0.0%
Chautauqua Co., NY	Outer	Upper	0	8	105,519	0	0.0%
Clarion Co., PA	Outer	Upper	0	2	32,730	0	0.0%
Clay Co., WV	Outer	Upper	0	1	7,686	0	0.0%
Clearfield Co., PA	Outer	Upper	0	5	64,460	0	0.0%
Coshocton Co., OH	Outer	Upper	0	2	27,038	0	0.0%
Crawford Co., PA	Outer	Upper	0	5	68,046	0	0.0%
Cuyahoga Co., OH	Outer	Upper	1	79	1,045,988	13,283	1.3%
Elk Co., PA	Outer	Upper	0	2	26,669	0	0.0%
Erie Co., PA	Outer	Upper	0	16	210,532	0	0.0%
Fairfield Co., OH	Outer	Upper	0	7	89,884	0	0.0%
Fayette Co., WV	Outer	Upper	0	3	37,239	0	0.0%
Forest Co., PA	Outer	Upper	0	0	3,825	0	0.0%
Garrett Co., MD	Outer	Upper	0	2	22,362	0	0.0%
Geauga Co., OH	Outer	Upper	0	5	65,112	0	0.0%
Gilmer Co., WV	Outer	Upper	0	0	5,708	0	0.0%
Grant Co., WV	Outer	Upper	0	1	8,737	0	0.0%
Greenbrier Co., WV	Outer	Upper	0	2	26,996	0	0.0%
Guernsey Co., OH	Outer	Upper	0	2	30,117	0	0.0%
Harrison Co., WV	Outer	Upper	0	4	52,794	0	0.0%
Hocking Co., OH	Outer	Upper	0	2	21,052	0	0.0%
Holmes Co., OH	Outer	Upper	0	2	25,086	0	0.0%
Indiana Co., PA	Outer	Upper	0	5	70,740	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Jefferson Co., PA	Outer	Upper	0	3	35,113	0	0.0%
Knox Co., OH	Outer	Upper	0	3	40,988	0	0.0%
Lake Co., OH	Outer	Upper	0	13	172,475	0	0.0%
Lewis Co., WV	Outer	Upper	0	1	13,180	0	0.0%
Licking Co., OH	Outer	Upper	0	8	107,657	0	0.0%
Logan Co., WV	Outer	Upper	0	2	29,374	0	0.0%
Lorain Co., OH	Outer	Upper	0	16	210,114	0	0.0%
McDowell Co., WV	Outer	Upper	0	2	20,995	0	0.0%
Medina Co., OH	Outer	Upper	0	8	109,564	0	0.0%
Mercer Co., PA	Outer	Upper	0	7	92,109	0	0.0%
Mercer Co., WV	Outer	Upper	1	4	49,710	2,801	5.6%
Mineral Co., WV	Outer	Upper	0	2	20,747	0	0.0%
Mingo Co., WV	Outer	Upper	0	2	21,414	0	0.0%
Monongalia Co., WV	Outer	Upper	0	3	66,950	0	0.0%
Morrow Co., OH	Outer	Upper	0	2	22,987	0	0.0%
Muskingum Co., OH	Outer	Upper	0	3	62,655	0	0.0%
Nicholas Co., WV	Outer	Upper	0	2	20,374	0	0.0%
Pendleton Co., WV	Outer	Upper	0	0	6,407	0	0.0%
Perry Co., OH	Outer	Upper	0	2	24,494	0	0.0%
Pocahontas Co., WV	Outer	Upper	0	1	7,227	0	0.0%
Portage Co., OH	Outer	Upper	0	9	115,952	0	0.0%
Preston Co., WV	Outer	Upper	0	2	22,390	0	0.0%
Raleigh Co., WV	Outer	Upper	0	5	62,150	0	0.0%
Randolph Co., WV	Outer	Upper	0	2	21,952	0	0.0%
Richland Co., OH	Outer	Upper	0	7	96,839	0	0.0%
Somerset Co., PA	Outer	Upper	0	5	62,180	0	0.0%
Stark Co., OH	Outer	Upper	0	21	284,162	0	0.0%
Summers Co., WV	Outer	Upper	0	1	10,330	0	0.0%
Summit Co., OH	Outer	Upper	0	31	406,913	0	0.0%
Taylor Co., WV	Outer	Upper	0	1	12,403	0	0.0%
Tazewell Co., VA	Outer	Upper	0	3	35,033	0	0.0%
Trumbull Co., OH	Outer	Upper	0	6	170,296	0	0.0%
Tucker Co., WV	Outer	Upper	0	0	5,764	0	0.0%
Tuscarawas Co., OH	Outer	Upper	0	5	67,819	0	0.0%
Upshur Co., WV	Outer	Upper	0	1	18,126	0	0.0%
Venango Co., PA	Outer	Upper	0	3	43,618	0	0.0%
Warren Co., PA	Outer	Upper	0	3	33,276	0	0.0%
Wayne Co., OH	Outer	Upper	0	6	80,941	0	0.0%
Webster Co., WV	Outer	Upper	0	1	7,487	0	0.0%
Wyoming Co., WV	Outer	Upper	0	2	19,950	0	0.0%
Adair Co., KY	Outer	Middle	0	1	13,191	0	0.0%
Adams Co., IN	Outer	Middle	0	2	23,171	0	0.0%
Anderson Co., KY	Outer	Middle	0	1	14,034	0	0.0%
Auglaize Co., OH	Outer	Middle	0	3	33,738	0	0.0%
Bartholomew Co., IN	Outer	Middle	0	4	52,484	0	0.0%
Blackford Co., IN	Outer	Middle	0	1	10,583	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Bourbon Co., KY	Outer	Middle	0	1	14,517	0	0.0%
Boyle Co., KY	Outer	Middle	0	2	21,421	0	0.0%
Breathitt Co., KY	Outer	Middle	0	1	11,994	0	0.0%
Brown Co., IN	Outer	Middle	0	1	11,471	0	0.0%
Casey Co., KY	Outer	Middle	0	1	11,661	0	0.0%
Champaign Co., OH	Outer	Middle	0	2	28,713	0	0.0%
Clark Co., KY	Outer	Middle	0	2	24,921	0	0.0%
Clark Co., OH	Outer	Middle	0	9	108,389	0	0.0%
Clay Co., IN	Outer	Middle	0	2	19,626	0	0.0%
Clay Co., KY	Outer	Middle	0	1	18,324	0	0.0%
Clinton Co., KY	Outer	Middle	0	1	7,450	0	0.0%
Clinton Co., OH	Outer	Middle	0	2	29,840	0	0.0%
Cumberland Co., KY	Outer	Middle	0	0	5,458	0	0.0%
Darke Co., OH	Outer	Middle	0	3	39,296	0	0.0%
Decatur Co., IN	Outer	Middle	0	1	18,104	0	0.0%
Delaware Co., IN	Outer	Middle	0	7	92,521	0	0.0%
Delaware Co., OH	Outer	Middle	1	6	78,928	11,275	14.3%
Dickenson Co., VA	Outer	Middle	0	1	12,776	0	0.0%
Estill Co., KY	Outer	Middle	0	1	11,610	0	0.0%
Fayette Co., IN	Outer	Middle	0	2	19,365	0	0.0%
Fayette Co., KY	Outer	Middle	0	16	204,979	0	0.0%
Fayette Co., OH	Outer	Middle	0	2	21,225	0	0.0%
Floyd Co., KY	Outer	Middle	0	3	32,407	0	0.0%
Franklin Co., KY	Outer	Middle	0	3	36,911	0	0.0%
Franklin Co., OH	Outer	Middle	0	64	800,657	0	0.0%
Garrard Co., KY	Outer	Middle	0	1	11,190	0	0.0%
Grant Co., IN	Outer	Middle	0	4	56,065	0	0.0%
Green Co., KY	Outer	Middle	0	1	8,904	0	0.0%
Greene Co., IN	Outer	Middle	0	2	24,958	0	0.0%
Greene Co., OH	Outer	Middle	0	9	112,527	0	0.0%
Hamilton Co., IN	Outer	Middle	0	10	126,479	0	0.0%
Hancock Co., IN	Outer	Middle	0	3	40,694	0	0.0%
Harlan Co., KY	Outer	Middle	0	2	24,905	0	0.0%
Hart Co., KY	Outer	Middle	0	1	12,957	0	0.0%
Hendricks Co., IN	Outer	Middle	0	6	74,927	0	0.0%
Henry Co., IN	Outer	Middle	0	3	36,789	0	0.0%
Jackson Co., IN	Outer	Middle	0	2	30,786	0	0.0%
Jackson Co., KY	Outer	Middle	0	1	9,979	0	0.0%
Jay Co., IN	Outer	Middle	1	1	15,921	770	4.8%
Jessamine Co., KY	Outer	Middle	0	2	28,741	0	0.0%
Johnson Co., IN	Outer	Middle	0	7	83,876	0	0.0%
Johnson Co., KY	Outer	Middle	0	1	17,817	0	0.0%
Knott Co., KY	Outer	Middle	0	1	13,330	0	0.0%
Larue Co., KY	Outer	Middle	0	1	10,025	0	0.0%
Laurel Co., KY	Outer	Middle	0	3	39,314	0	0.0%
Lawrence Co., IN	Outer	Middle	0	3	34,648	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Lee Co., KY	Outer	Middle	0	0	6,119	0	0.0%
Leslie Co., KY	Outer	Middle	0	1	9,350	0	0.0%
Letcher Co., KY	Outer	Middle	0	2	19,281	0	0.0%
Lincoln Co., KY	Outer	Middle	0	1	17,364	0	0.0%
Logan Co., OH	Outer	Middle	0	3	33,729	0	0.0%
Madison Co., IN	Outer	Middle	0	8	101,582	0	0.0%
Madison Co., KY	Outer	Middle	0	4	55,360	0	0.0%
Madison Co., OH	Outer	Middle	0	2	30,287	0	0.0%
Magoffin Co., KY	Outer	Middle	0	1	9,762	0	0.0%
Marion Co., IN	Outer	Middle	0	51	638,705	0	0.0%
Marion Co., KY	Outer	Middle	0	1	13,616	0	0.0%
Martin Co., IN	Outer	Middle	0	1	7,754	0	0.0%
Martin Co., KY	Outer	Middle	0	1	9,039	0	0.0%
Menifee Co., KY	Outer	Middle	0	0	4,922	0	0.0%
Mercer Co., KY	Outer	Middle	0	1	15,737	0	0.0%
Mercer Co., OH	Outer	Middle	0	2	28,808	0	0.0%
Metcalfe Co., KY	Outer	Middle	0	1	7,566	0	0.0%
Miami Co., OH	Outer	Middle	1	6	73,230	4,380	6.0%
Monroe Co., IN	Outer	Middle	0	8	98,899	0	0.0%
Montgomery Co., KY	Outer	Middle	0	1	16,939	0	0.0%
Montgomery Co., OH	Outer	Middle	0	34	421,083	0	0.0%
Morgan Co., IN	Outer	Middle	0	4	48,536	0	0.0%
Morgan Co., KY	Outer	Middle	0	1	10,830	0	0.0%
Norton city, VA	Outer	Middle	0	0	3,054	0	0.0%
Owen Co., IN	Outer	Middle	0	1	15,992	0	0.0%
Owsley Co., KY	Outer	Middle	0	0	3,664	0	0.0%
Perry Co., KY	Outer	Middle	0	2	22,229	0	0.0%
Pickaway Co., OH	Outer	Middle	0	3	39,940	0	0.0%
Pike Co., KY	Outer	Middle	0	4	52,451	0	0.0%
Powell Co., KY	Outer	Middle	0	1	9,713	0	0.0%
Preble Co., OH	Outer	Middle	0	3	31,310	0	0.0%
Pulaski Co., KY	Outer	Middle	0	3	43,061	0	0.0%
Putnam Co., IN	Outer	Middle	0	2	27,524	0	0.0%
Randolph Co., IN	Outer	Middle	0	2	20,496	0	0.0%
Rockcastle Co., KY	Outer	Middle	0	1	12,528	0	0.0%
Ross Co., OH	Outer	Middle	0	4	55,747	0	0.0%
Rush Co., IN	Outer	Middle	0	1	13,384	0	0.0%
Russell Co., KY	Outer	Middle	0	1	12,640	0	0.0%
Russell Co., VA	Outer	Middle	0	2	23,887	0	0.0%
Scott Co., KY	Outer	Middle	0	2	24,376	0	0.0%
Shelby Co., IN	Outer	Middle	1	3	31,862	5,722	18.0%
Shelby Co., OH	Outer	Middle	0	3	34,224	0	0.0%
Taylor Co., KY	Outer	Middle	0	1	17,562	0	0.0%
Union Co., IN	Outer	Middle	0	0	5,344	0	0.0%
Union Co., OH	Outer	Middle	0	2	29,612	0	0.0%
Washington Co., KY	Outer	Middle	0	1	8,159	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Wayne Co., IN	Outer	Middle	0	4	53,882	0	0.0%
Wayne Co., KY	Outer	Middle	0	1	14,874	0	0.0%
Wise Co., VA	Outer	Middle	0	2	30,889	0	0.0%
Wolfe Co., KY	Outer	Middle	0	0	5,234	0	0.0%
Woodford Co., KY	Outer	Middle	0	1	17,317	0	0.0%
Allen Co., KY	Outer	Lower	1	2	13,199	879	6.7%
Barren Co., KY	Outer	Lower	1	5	28,823	3,149	10.9%
Benton Co., TN	Outer	Lower	0	2	12,896	0	0.0%
Bollinger Co., MO	Outer	Lower	0	1	8,878	0	0.0%
Butler Co., KY	Outer	Lower	0	2	9,722	0	0.0%
Butler Co., MO	Outer	Lower	0	5	30,981	0	0.0%
Cape Girardeau Co., MO	Outer	Lower	1	8	52,596	6,575	12.5%
Carroll Co., TN	Outer	Lower	0	4	22,635	0	0.0%
Carter Co., MO	Outer	Lower	0	1	4,448	0	0.0%
Cheatham Co., TN	Outer	Lower	0	4	25,982	0	0.0%
Christian Co., KY	Outer	Lower	0	8	51,806	0	0.0%
Clark Co., IL	Outer	Lower	0	2	12,775	0	0.0%
Clay Co., AR	Outer	Lower	0	2	13,541	0	0.0%
Clay Co., IL	Outer	Lower	0	2	11,077	0	0.0%
Clay Co., TN	Outer	Lower	0	1	6,262	0	0.0%
Clinton Co., IL	Outer	Lower	0	4	26,699	0	0.0%
Crawford Co., IL	Outer	Lower	0	3	15,788	0	0.0%
Crockett Co., TN	Outer	Lower	0	2	10,878	0	0.0%
Cumberland Co., IL	Outer	Lower	0	1	8,277	0	0.0%
Davidson Co., TN	Outer	Lower	0	71	443,444	0	0.0%
Daviess Co., IN	Outer	Lower	0	3	21,186	0	0.0%
Decatur Co., TN	Outer	Lower	0	1	9,182	0	0.0%
Dickson Co., TN	Outer	Lower	0	5	31,670	0	0.0%
Dunklin Co., MO	Outer	Lower	0	4	24,542	0	0.0%
Dyer Co., TN	Outer	Lower	0	4	27,682	0	0.0%
Edmonson Co., KY	Outer	Lower	0	1	8,899	0	0.0%
Effingham Co., IL	Outer	Lower	0	4	24,480	0	0.0%
Fayette Co., IL	Outer	Lower	0	3	16,614	0	0.0%
Franklin Co., IL	Outer	Lower	0	5	30,060	0	0.0%
Gibson Co., TN	Outer	Lower	0	6	36,614	0	0.0%
Greene Co., AR	Outer	Lower	0	4	27,920	0	0.0%
Haywood Co., TN	Outer	Lower	0	2	14,417	0	0.0%
Henderson Co., TN	Outer	Lower	0	3	19,310	0	0.0%
Henry Co., TN	Outer	Lower	0	4	24,202	0	0.0%
Hickman Co., TN	Outer	Lower	0	3	16,792	0	0.0%
Houston Co., TN	Outer	Lower	0	1	6,118	0	0.0%
Humphreys Co., TN	Outer	Lower	0	2	13,647	0	0.0%
Iron Co., MO	Outer	Lower	0	1	8,024	0	0.0%
Jackson Co., IL	Outer	Lower	0	8	48,130	0	0.0%
Jasper Co., IL	Outer	Lower	0	1	7,497	0	0.0%
Jefferson Co., IL	Outer	Lower	0	5	30,349	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Knox Co., IN	Outer	Lower	0	5	30,255	0	0.0%
Lake Co., TN	Outer	Lower	0	1	6,543	0	0.0%
Lauderdale Co., TN	Outer	Lower	0	3	20,382	0	0.0%
Lawrence Co., IL	Outer	Lower	0	2	11,942	0	0.0%
Logan Co., KY	Outer	Lower	0	3	19,748	0	0.0%
Macon Co., TN	Outer	Lower	0	2	15,072	0	0.0%
Madison Co., MO	Outer	Lower	0	1	8,896	0	0.0%
Madison Co., TN	Outer	Lower	0	11	68,120	0	0.0%
Marion Co., IL	Outer	Lower	0	5	31,069	0	0.0%
Mississippi Co., AR	Outer	Lower	0	6	36,572	0	0.0%
Monroe Co., IL	Outer	Lower	0	3	20,315	0	0.0%
Monroe Co., KY	Outer	Lower	0	1	8,945	0	0.0%
Montgomery Co., TN	Outer	Lower	0	16	96,439	0	0.0%
Obion Co., TN	Outer	Lower	0	4	24,844	0	0.0%
Pemiscot Co., MO	Outer	Lower	0	2	14,032	0	0.0%
Perry Co., IL	Outer	Lower	0	3	18,011	0	0.0%
Perry Co., MO	Outer	Lower	0	2	13,417	0	0.0%
Perry Co., TN	Outer	Lower	0	1	5,769	0	0.0%
Randolph Co., IL	Outer	Lower	0	4	26,386	0	0.0%
Reynolds Co., MO	Outer	Lower	0	1	5,081	0	0.0%
Richland Co., IL	Outer	Lower	0	2	12,185	0	0.0%
Ripley Co., MO	Outer	Lower	0	2	10,157	0	0.0%
Robertson Co., TN	Outer	Lower	0	6	39,851	0	0.0%
Shelby Co., IL	Outer	Lower	0	3	17,165	0	0.0%
Simpson Co., KY	Outer	Lower	0	2	12,100	0	0.0%
St. Clair Co., IL	Outer	Lower	0	30	185,157	0	0.0%
St. Francois Co., MO	Outer	Lower	0	7	42,306	0	0.0%
Ste. Genevieve Co., MO	Outer	Lower	0	2	13,093	0	0.0%
Stewart Co., TN	Outer	Lower	0	2	9,410	0	0.0%
Stoddard Co., MO	Outer	Lower	0	4	22,612	0	0.0%
Sullivan Co., IN	Outer	Lower	0	3	16,839	0	0.0%
Sumner Co., TN	Outer	Lower	0	15	96,112	0	0.0%
Tipton Co., TN	Outer	Lower	0	6	36,246	0	0.0%
Todd Co., KY	Outer	Lower	0	1	8,788	0	0.0%
Trousdale Co., TN	Outer	Lower	0	1	5,502	0	0.0%
Vigo Co., IN	Outer	Lower	0	13	81,632	0	0.0%
Warren Co., KY	Outer	Lower	0	11	71,124	0	0.0%
Washington Co., IL	Outer	Lower	0	2	11,311	0	0.0%
Wayne Co., IL	Outer	Lower	0	2	13,079	0	0.0%
Wayne Co., MO	Outer	Lower	0	2	10,180	0	0.0%
Weakley Co., TN	Outer	Lower	0	4	27,344	0	0.0%

Table 8.2. Child River-Contact Recreation: Numbers of Participants and Participation Rates

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Allegheny Co., PA	Inner	Upper	22	146	257,497	37,919	14.7%
Athens Co., OH	Inner	Upper	2	11	10,755	1,955	18.2%
Beaver Co., PA	Inner	Upper	3	26	36,406	4,201	11.5%
Belmont Co., OH	Inner	Upper	6	18	13,663	4,554	33.3%
Brooke Co., WV	Inner	Upper	2	11	4,321	786	18.2%
Butler Co., PA	Inner	Upper	5	29	41,830	7,212	17.2%
Cabell Co., WV	Inner	Upper	0	7	19,260	0	0.0%
Calhoun Co., WV	Inner	Upper	8	11	1,698	1,235	72.7%
Carroll Co., OH	Inner	Upper	2	12	6,465	1,078	16.7%
Columbiana Co., OH	Inner	Upper	0	10	24,131	0	0.0%
Doddridge Co., WV	Inner	Upper	0	0	1,853	0	0.0%
Fayette Co., PA	Inner	Upper	4	33	30,297	3,672	12.1%
Gallia Co., OH	Inner	Upper	6	10	7,225	3,974	55.0%
Greene Co., PA	Inner	Upper	0	18	8,182	0	0.0%
Hancock Co., WV	Inner	Upper	0	11	6,181	0	0.0%
Harrison Co., OH	Inner	Upper	0	10	3,647	0	0.0%
Jackson Co., OH	Inner	Upper	0	8	8,123	0	0.0%
Jackson Co., WV	Inner	Upper	3	14	6,333	1,131	17.9%
Jefferson Co., OH	Inner	Upper	3	16	13,955	2,617	18.8%
Kanawha Co., WV	Inner	Upper	5	9	40,908	22,727	55.6%
Lawrence Co., OH	Inner	Upper	2	11	14,458	2,629	18.2%
Lawrence Co., PA	Inner	Upper	0	9	19,663	0	0.0%
Lincoln Co., WV	Inner	Upper	3	10	5,091	1,527	30.0%
Mahoning Co., OH	Inner	Upper	0	45	54,010	0	0.0%
Marion Co., WV	Inner	Upper	9	24	11,366	4,262	37.5%
Marshall Co., WV	Inner	Upper	6	40	7,039	1,056	15.0%
Mason Co., WV	Inner	Upper	7	25	5,444	1,524	28.0%
Meigs Co., OH	Inner	Upper	1	10	5,193	519	10.0%
Monroe Co., OH	Inner	Upper	1	10	3,581	358	10.0%
Morgan Co., OH	Inner	Upper	0	0	3,768	0	0.0%
Noble Co., OH	Inner	Upper	0	0	3,180	0	0.0%
Ohio Co., WV	Inner	Upper	2	12	9,066	1,133	12.5%
Pleasants Co., WV	Inner	Upper	2	8	1,786	335	18.8%
Putnam Co., WV	Inner	Upper	0	10	12,793	0	0.0%
Ritchie Co., WV	Inner	Upper	3	9	2,376	792	33.3%
Roane Co., WV	Inner	Upper	0	0	3,612	0	0.0%
Tyler Co., WV	Inner	Upper	0	10	2,231	0	0.0%
Vinton Co., OH	Inner	Upper	0	0	3,446	0	0.0%
Washington Co., OH	Inner	Upper	4	23	13,467	2,342	17.4%
Washington Co., PA	Inner	Upper	5	57	42,703	3,371	7.9%
Wayne Co., WV	Inner	Upper	3	29	9,143	946	10.3%
Westmoreland Co., PA	Inner	Upper	3	61	73,061	2,994	4.1%
Wetzel Co., WV	Inner	Upper	1	11	4,204	382	9.1%
Wirt Co., WV	Inner	Upper	0	0	1,492	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Wood Co., WV	Inner	Upper	8	20	18,909	7,564	40.0%
Adams Co., OH	Inner	Middle	6	9	7,079	4,719	66.7%
Bath Co., KY	Inner	Middle	0	0	2,678	0	0.0%
Boone Co., KY	Inner	Middle	0	22	30,323	0	0.0%
Boyd Co., KY	Inner	Middle	0	10	10,609	0	0.0%
Bracken Co., KY	Inner	Middle	1	7	2,115	302	14.3%
Brown Co., OH	Inner	Middle	0	9	11,217	0	0.0%
Bullitt Co., KY	Inner	Middle	3	28	18,129	1,942	10.7%
Butler Co., OH	Inner	Middle	11	118	88,681	8,267	9.3%
Campbell Co., KY	Inner	Middle	0	4	20,943	0	0.0%
Carroll Co., KY	Inner	Middle	0	0	2,570	0	0.0%
Carter Co., KY	Inner	Middle	3	14	6,439	1,380	21.4%
Clark Co., IN	Inner	Middle	3	12	24,818	6,205	25.0%
Clermont Co., OH	Inner	Middle	7	49	50,499	7,214	14.3%
Crawford Co., IN	Inner	Middle	2	10	2,748	412	15.0%
Dearborn Co., IN	Inner	Middle	6	18	12,547	4,182	33.3%
Elliott Co., KY	Inner	Middle	0	2	1,712	0	0.0%
Fleming Co., KY	Inner	Middle	0	0	3,500	0	0.0%
Floyd Co., IN	Inner	Middle	6	26	17,527	4,045	23.1%
Franklin Co., IN	Inner	Middle	0	0	5,886	0	0.0%
Gallatin Co., KY	Inner	Middle	0	0	2,247	0	0.0%
Grant Co., KY	Inner	Middle	0	12	6,646	0	0.0%
Greenup Co., KY	Inner	Middle	0	0	8,054	0	0.0%
Hamilton Co., OH	Inner	Middle	21	154	208,029	28,368	13.6%
Hardin Co., KY	Inner	Middle	2	31	25,490	1,644	6.5%
Harrison Co., IN	Inner	Middle	3	17	8,682	1,532	17.6%
Harrison Co., KY	Inner	Middle	0	4	4,497	0	0.0%
Henry Co., KY	Inner	Middle	0	0	3,820	0	0.0%
Highland Co., OH	Inner	Middle	0	3	11,038	0	0.0%
Jefferson Co., IN	Inner	Middle	12	16	7,632	5,486	71.9%
Jefferson Co., KY	Inner	Middle	15	107	169,820	23,013	13.6%
Jennings Co., IN	Inner	Middle	0	0	7,377	0	0.0%
Kenton Co., KY	Inner	Middle	5	14	40,017	14,292	35.7%
Lawrence Co., KY	Inner	Middle	2	10	3,936	590	15.0%
Lewis Co., KY	Inner	Middle	0	0	3,570	0	0.0%
Mason Co., KY	Inner	Middle	0	0	4,053	0	0.0%
Meade Co., KY	Inner	Middle	2	18	7,192	799	11.1%
Nelson Co., KY	Inner	Middle	0	9	10,929	0	0.0%
Nicholas Co., KY	Inner	Middle	0	0	1,608	0	0.0%
Ohio Co., IN	Inner	Middle	0	0	1,397	0	0.0%
Oldham Co., KY	Inner	Middle	4	22	13,327	2,120	15.9%
Orange Co., IN	Inner	Middle	0	10	4,960	0	0.0%
Owen Co., KY	Inner	Middle	2	9	2,694	599	22.2%
Pendleton Co., KY	Inner	Middle	0	11	4,084	0	0.0%
Pike Co., OH	Inner	Middle	0	0	7,143	0	0.0%
Ripley Co., IN	Inner	Middle	0	2	7,251	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Robertson Co., KY	Inner	Middle	3	10	539	162	30.0%
Rowan Co., KY	Inner	Middle	0	8	4,968	0	0.0%
Scioto Co., OH	Inner	Middle	0	10	17,501	0	0.0%
Scott Co., IN	Inner	Middle	3	23	5,792	630	10.9%
Shelby Co., KY	Inner	Middle	4	18	9,856	2,190	22.2%
Spencer Co., KY	Inner	Middle	0	0	3,171	0	0.0%
Switzerland Co., IN	Inner	Middle	0	10	2,384	0	0.0%
Trimble Co., KY	Inner	Middle	0	0	2,145	0	0.0%
Warren Co., OH	Inner	Middle	6	48	53,500	6,688	12.5%
Washington Co., IN	Inner	Middle	0	6	6,839	0	0.0%
Alexander Co., IL	Inner	Lower	5	8	2,476	1,548	62.5%
Ballard Co., KY	Inner	Lower	0	0	1,911	0	0.0%
Breckinridge Co., KY	Inner	Lower	0	26	4,647	0	0.0%
Caldwell Co., KY	Inner	Lower	0	0	2,927	0	0.0%
Calloway Co., KY	Inner	Lower	0	14	6,570	0	0.0%
Carlisle Co., KY	Inner	Lower	0	0	1,251	0	0.0%
Crittenden Co., KY	Inner	Lower	0	17	2,178	0	0.0%
Daviess Co., KY	Inner	Lower	6	43	23,093	3,222	14.0%
Dubois Co., IN	Inner	Lower	0	12	10,458	0	0.0%
Edwards Co., IL	Inner	Lower	1	8	1,607	201	12.5%
Fulton Co., KY	Inner	Lower	0	12	1,928	0	0.0%
Gallatin Co., IL	Inner	Lower	0	0	1,431	0	0.0%
Gibson Co., IN	Inner	Lower	1	21	7,828	373	4.8%
Graves Co., KY	Inner	Lower	2	29	8,898	614	6.9%
Grayson Co., KY	Inner	Lower	0	19	5,878	0	0.0%
Hamilton Co., IL	Inner	Lower	0	0	2,067	0	0.0%
Hancock Co., KY	Inner	Lower	1	6	2,241	374	16.7%
Hardin Co., IL	Inner	Lower	0	9	25,490	0	0.0%
Henderson Co., KY	Inner	Lower	9	22	10,670	4,123	38.6%
Hickman Co., KY	Inner	Lower	0	6	1,162	0	0.0%
Hopkins Co., KY	Inner	Lower	0	34	10,739	0	0.0%
Johnson Co., IL	Inner	Lower	3	9	2,363	788	33.3%
Livingston Co., KY	Inner	Lower	0	2	2,188	0	0.0%
Lyon Co., KY	Inner	Lower	0	2	1,275	0	0.0%
Marshall Co., KY	Inner	Lower	1	19	6,232	328	5.3%
Massac Co., IL	Inner	Lower	0	10	3,492	0	0.0%
McCracken Co., KY	Inner	Lower	3	43	14,529	1,014	7.0%
McLean Co., KY	Inner	Lower	1	9	2,405	267	11.1%
Mississippi Co., MO	Inner	Lower	0	0	3,534	0	0.0%
Muhlenberg Co., KY	Inner	Lower	0	23	6,811	0	0.0%
New Madrid Co., MO	Inner	Lower	0	6	5,223	0	0.0%
Ohio Co., KY	Inner	Lower	0	14	5,561	0	0.0%
Perry Co., IN	Inner	Lower	9	24	4,325	1,532	35.4%
Pike Co., IN	Inner	Lower	0	25	3,070	0	0.0%
Pope Co., IL	Inner	Lower	0	0	949	0	0.0%
Posey Co., IN	Inner	Lower	4	29	6,148	848	13.8%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Pulaski Co., IL	Inner	Lower	0	2	1,996	0	0.0%
Saline Co., IL	Inner	Lower	5	12	5,882	2,451	41.7%
Scott Co., MO	Inner	Lower	0	3	10,580	0	0.0%
Spencer Co., IN	Inner	Lower	1	10	4,776	478	10.0%
Trigg Co., KY	Inner	Lower	0	0	2,886	0	0.0%
Union Co., IL	Inner	Lower	0	0	4,237	0	0.0%
Union Co., KY	Inner	Lower	0	2	3,957	0	0.0%
Vanderburgh Co., IN	Inner	Lower	22	171	40,354	5,074	12.6%
Wabash Co., IL	Inner	Lower	2	10	3,133	470	15.0%
Warrick Co., IN	Inner	Lower	7	41	13,851	2,365	17.1%
Webster Co., KY	Inner	Lower	0	11	3,406	0	0.0%
White Co., IL	Inner	Lower	2	8	3,311	828	25.0%
Williamson Co., IL	Inner	Lower	0	30	13,942	0	0.0%
Allegany Co., MD	Outer	Upper	0	0	13,878	0	0.0%
Armstrong Co., PA	Outer	Upper	0	0	14,232	0	0.0%
Ashland Co., OH	Outer	Upper	0	0	12,956	0	0.0%
Ashtabula Co., OH	Outer	Upper	0	0	24,378	0	0.0%
Barbour Co., WV	Outer	Upper	0	0	3,577	0	0.0%
Bedford Co., PA	Outer	Upper	0	0	10,824	0	0.0%
Blair Co., PA	Outer	Upper	0	0	26,776	0	0.0%
Boone Co., WV	Outer	Upper	0	0	5,652	0	0.0%
Braxton Co., WV	Outer	Upper	0	0	3,346	0	0.0%
Buchanan Co., VA	Outer	Upper	0	0	4,570	0	0.0%
Cambria Co., PA	Outer	Upper	0	0	28,613	0	0.0%
Chautauqua Co., NY	Outer	Upper	0	0	29,315	0	0.0%
Clarion Co., PA	Outer	Upper	0	0	8,060	0	0.0%
Clay Co., WV	Outer	Upper	0	0	2,644	0	0.0%
Clearfield Co., PA	Outer	Upper	0	0	16,360	0	0.0%
Coshocton Co., OH	Outer	Upper	0	0	8,839	0	0.0%
Crawford Co., PA	Outer	Upper	0	0	19,999	0	0.0%
Cuyahoga Co., OH	Outer	Upper	0	0	314,617	0	0.0%
Elk Co., PA	Outer	Upper	0	0	6,945	0	0.0%
Erie Co., PA	Outer	Upper	0	0	65,345	0	0.0%
Fairfield Co., OH	Outer	Upper	0	0	35,298	0	0.0%
Fayette Co., WV	Outer	Upper	0	0	9,918	0	0.0%
Forest Co., PA	Outer	Upper	0	0	1,121	0	0.0%
Garrett Co., MD	Outer	Upper	0	0	6,582	0	0.0%
Geauga Co., OH	Outer	Upper	0	0	23,681	0	0.0%
Gilmer Co., WV	Outer	Upper	0	0	1,452	0	0.0%
Grant Co., WV	Outer	Upper	0	0	2,562	0	0.0%
Greenbrier Co., WV	Outer	Upper	0	0	7,226	0	0.0%
Guernsey Co., OH	Outer	Upper	0	0	10,045	0	0.0%
Harrison Co., WV	Outer	Upper	0	0	15,090	0	0.0%
Hocking Co., OH	Outer	Upper	0	0	6,914	0	0.0%
Holmes Co., OH	Outer	Upper	0	0	14,142	0	0.0%
Indiana Co., PA	Outer	Upper	0	0	16,171	0	0.0%

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Jefferson Co., PA	Outer	Upper	0	0	9,707	0	0.0%
Knox Co., OH	Outer	Upper	0	0	13,452	0	0.0%
Lake Co., OH	Outer	Upper	0	0	52,595	0	0.0%
Lewis Co., WV	Outer	Upper	0	0	3,739	0	0.0%
Licking Co., OH	Outer	Upper	0	0	38,409	0	0.0%
Logan Co., WV	Outer	Upper	0	0	7,750	0	0.0%
Lorain Co., OH	Outer	Upper	0	0	73,962	0	0.0%
McDowell Co., WV	Outer	Upper	0	0	4,982	0	0.0%
Medina Co., OH	Outer	Upper	0	0	42,477	0	0.0%
Mercer Co., PA	Outer	Upper	0	0	25,619	0	0.0%
Mercer Co., WV	Outer	Upper	1	22	13,044	593	4.5%
Mineral Co., WV	Outer	Upper	0	0	5,727	0	0.0%
Mingo Co., WV	Outer	Upper	0	0	5,990	0	0.0%
Monongalia Co., WV	Outer	Upper	0	6	15,552	0	0.0%
Morrow Co., OH	Outer	Upper	0	0	8,531	0	0.0%
Muskingum Co., OH	Outer	Upper	0	9	20,825	0	0.0%
Nicholas Co., WV	Outer	Upper	0	0	5,466	0	0.0%
Pendleton Co., WV	Outer	Upper	0	0	1,789	0	0.0%
Perry Co., OH	Outer	Upper	0	0	9,056	0	0.0%
Pocahontas Co., WV	Outer	Upper	0	0	1,904	0	0.0%
Portage Co., OH	Outer	Upper	0	0	33,561	0	0.0%
Preston Co., WV	Outer	Upper	0	0	6,404	0	0.0%
Raleigh Co., WV	Outer	Upper	0	0	16,478	0	0.0%
Randolph Co., WV	Outer	Upper	0	0	6,122	0	0.0%
Richland Co., OH	Outer	Upper	0	0	29,191	0	0.0%
Somerset Co., PA	Outer	Upper	0	0	15,482	0	0.0%
Stark Co., OH	Outer	Upper	0	0	88,235	0	0.0%
Summers Co., WV	Outer	Upper	0	0	2,669	0	0.0%
Summit Co., OH	Outer	Upper	0	0	130,743	0	0.0%
Taylor Co., WV	Outer	Upper	0	0	3,686	0	0.0%
Tazewell Co., VA	Outer	Upper	0	0	8,821	0	0.0%
Trumbull Co., OH	Outer	Upper	0	4	48,249	0	0.0%
Tucker Co., WV	Outer	Upper	0	0	1,557	0	0.0%
Tuscarawas Co., OH	Outer	Upper	0	0	21,554	0	0.0%
Upshur Co., WV	Outer	Upper	0	0	5,020	0	0.0%
Venango Co., PA	Outer	Upper	0	0	12,080	0	0.0%
Warren Co., PA	Outer	Upper	0	0	8,828	0	0.0%
Wayne Co., OH	Outer	Upper	0	0	28,935	0	0.0%
Webster Co., WV	Outer	Upper	0	0	2,232	0	0.0%
Wyoming Co., WV	Outer	Upper	0	0	4,972	0	0.0%
Adair Co., KY	Outer	Middle	3	8	4,053	1,520	37.5%
Adams Co., IN	Outer	Middle	0	0	10,199	0	0.0%
Anderson Co., KY	Outer	Middle	0	0	5,184	0	0.0%
Auglaize Co., OH	Outer	Middle	0	0	11,722	0	0.0%
Bartholomew Co., IN	Outer	Middle	0	0	18,941	0	0.0%
Blackford Co., IN	Outer	Middle	0	0	3,465	0	0.0%

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Bourbon Co., KY	Outer	Middle	0	0	4,843	0	0.0%
Boyle Co., KY	Outer	Middle	0	0	6,207	0	0.0%
Breathitt Co., KY	Outer	Middle	0	0	4,106	0	0.0%
Brown Co., IN	Outer	Middle	0	0	3,486	0	0.0%
Casey Co., KY	Outer	Middle	0	0	3,786	0	0.0%
Champaign Co., OH	Outer	Middle	0	0	9,571	0	0.0%
Clark Co., KY	Outer	Middle	0	0	8,143	0	0.0%
Clark Co., OH	Outer	Middle	0	0	33,446	0	0.0%
Clay Co., IN	Outer	Middle	0	0	6,553	0	0.0%
Clay Co., KY	Outer	Middle	0	0	5,814	0	0.0%
Clinton Co., KY	Outer	Middle	0	0	2,184	0	0.0%
Clinton Co., OH	Outer	Middle	0	0	10,757	0	0.0%
Cumberland Co., KY	Outer	Middle	0	0	1,689	0	0.0%
Darke Co., OH	Outer	Middle	0	0	12,785	0	0.0%
Decatur Co., IN	Outer	Middle	0	0	6,527	0	0.0%
Delaware Co., IN	Outer	Middle	0	0	24,115	0	0.0%
Delaware Co., OH	Outer	Middle	0	2	42,999	0	0.0%
Dickenson Co., VA	Outer	Middle	0	0	3,619	0	0.0%
Estill Co., KY	Outer	Middle	0	0	3,697	0	0.0%
Fayette Co., IN	Outer	Middle	0	0	5,665	0	0.0%
Fayette Co., KY	Outer	Middle	0	0	60,108	0	0.0%
Fayette Co., OH	Outer	Middle	0	0	6,896	0	0.0%
Floyd Co., KY	Outer	Middle	0	0	9,368	0	0.0%
Franklin Co., KY	Outer	Middle	0	0	10,605	0	0.0%
Franklin Co., OH	Outer	Middle	0	0	282,931	0	0.0%
Garrard Co., KY	Outer	Middle	0	0	3,602	0	0.0%
Grant Co., IN	Outer	Middle	0	0	15,214	0	0.0%
Green Co., KY	Outer	Middle	0	0	11,013	0	0.0%
Greene Co., IN	Outer	Middle	0	0	7,731	0	0.0%
Greene Co., OH	Outer	Middle	0	0	34,017	0	0.0%
Hamilton Co., IN	Outer	Middle	0	0	75,562	0	0.0%
Hancock Co., IN	Outer	Middle	0	0	16,302	0	0.0%
Harlan Co., KY	Outer	Middle	0	0	7,087	0	0.0%
Hart Co., KY	Outer	Middle	0	0	4,488	0	0.0%
Hendricks Co., IN	Outer	Middle	0	3	34,571	0	0.0%
Henry Co., IN	Outer	Middle	0	0	10,365	0	0.0%
Jackson Co., IN	Outer	Middle	0	0	10,472	0	0.0%
Jackson Co., KY	Outer	Middle	0	0	3,516	0	0.0%
Jay Co., IN	Outer	Middle	0	0	5,708	0	0.0%
Jessamine Co., KY	Outer	Middle	0	0	11,245	0	0.0%
Johnson Co., IN	Outer	Middle	0	0	34,209	0	0.0%
Johnson Co., KY	Outer	Middle	0	0	5,523	0	0.0%
Knott Co., KY	Outer	Middle	0	0	4,319	0	0.0%
Larue Co., KY	Outer	Middle	0	0	3,348	0	0.0%
Laurel Co., KY	Outer	Middle	0	0	13,951	0	0.0%
Lawrence Co., IN	Outer	Middle	0	0	10,711	0	0.0%

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Lee Co., KY	Outer	Middle	0	0	1,797	0	0.0%
Leslie Co., KY	Outer	Middle	0	0	3,051	0	0.0%
Letcher Co., KY	Outer	Middle	0	0	5,184	0	0.0%
Lincoln Co., KY	Outer	Middle	0	0	6,223	0	0.0%
Logan Co., OH	Outer	Middle	0	0	11,605	0	0.0%
Madison Co., IN	Outer	Middle	0	0	30,018	0	0.0%
Madison Co., KY	Outer	Middle	0	0	17,845	0	0.0%
Madison Co., OH	Outer	Middle	0	0	9,502	0	0.0%
Magoffin Co., KY	Outer	Middle	0	0	3,570	0	0.0%
Marion Co., IN	Outer	Middle	0	0	233,049	0	0.0%
Marion Co., KY	Outer	Middle	0	0	4,596	0	0.0%
Martin Co., IN	Outer	Middle	0	0	2,615	0	0.0%
Martin Co., KY	Outer	Middle	0	0	3,539	0	0.0%
Menifee Co., KY	Outer	Middle	0	0	1,634	0	0.0%
Mercer Co., KY	Outer	Middle	0	0	5,092	0	0.0%
Mercer Co., OH	Outer	Middle	0	0	10,945	0	0.0%
Metcalfe Co., KY	Outer	Middle	0	0	2,471	0	0.0%
Miami Co., OH	Outer	Middle	0	0	24,113	0	0.0%
Monroe Co., IN	Outer	Middle	0	0	22,247	0	0.0%
Montgomery Co., KY	Outer	Middle	0	0	6,092	0	0.0%
Montgomery Co., OH	Outer	Middle	0	0	128,877	0	0.0%
Morgan Co., IN	Outer	Middle	0	3	17,529	0	0.0%
Morgan Co., KY	Outer	Middle	0	0	3,118	0	0.0%
Norton city, VA	Outer	Middle	0	0	850	0	0.0%
Owen Co., IN	Outer	Middle	0	0	5,301	0	0.0%
Owsley Co., KY	Outer	Middle	0	0	1,194	0	0.0%
Perry Co., KY	Outer	Middle	0	0	6,918	0	0.0%
Pickaway Co., OH	Outer	Middle	0	0	12,488	0	0.0%
Pike Co., KY	Outer	Middle	0	0	14,444	0	0.0%
Powell Co., KY	Outer	Middle	0	0	3,524	0	0.0%
Preble Co., OH	Outer	Middle	0	0	9,877	0	0.0%
Pulaski Co., KY	Outer	Middle	0	0	13,460	0	0.0%
Putnam Co., IN	Outer	Middle	0	0	8,010	0	0.0%
Randolph Co., IN	Outer	Middle	0	0	6,023	0	0.0%
Rockcastle Co., KY	Outer	Middle	0	0	4,054	0	0.0%
Ross Co., OH	Outer	Middle	0	0	16,756	0	0.0%
Rush Co., IN	Outer	Middle	0	0	4,877	0	0.0%
Russell Co., KY	Outer	Middle	0	0	3,675	0	0.0%
Russell Co., VA	Outer	Middle	0	0	5,965	0	0.0%
Scott Co., KY	Outer	Middle	0	0	11,008	0	0.0%
Shelby Co., IN	Outer	Middle	0	0	10,765	0	0.0%
Shelby Co., OH	Outer	Middle	0	0	13,181	0	0.0%
Taylor Co., KY	Outer	Middle	0	0	5,230	0	0.0%
Union Co., IN	Outer	Middle	0	0	2,005	0	0.0%
Union Co., OH	Outer	Middle	0	0	12,527	0	0.0%
Washington Co., KY	Outer	Middle	0	0	2,757	0	0.0%

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Wayne Co., IN	Outer	Middle	0	0	15,771	0	0.0%
Wayne Co., KY	Outer	Middle	0	0	4,884	0	0.0%
Wise Co., VA	Outer	Middle	0	0	8,630	0	0.0%
Wolfe Co., KY	Outer	Middle	0	0	1,831	0	0.0%
Woodford Co., KY	Outer	Middle	0	0	5,725	0	0.0%
Allen Co., KY	Outer	Lower	0	2	4,601	0	0.0%
Barren Co., KY	Outer	Lower	1	18	9,502	528	5.6%
Benton Co., TN	Outer	Lower	0	0	3,641	0	0.0%
Bollinger Co., MO	Outer	Lower	0	0	3,151	0	0.0%
Butler Co., KY	Outer	Lower	0	0	3,288	0	0.0%
Butler Co., MO	Outer	Lower	0	0	9,841	0	0.0%
Cape Girardeau Co., MO	Outer	Lower	0	3	16,139	0	0.0%
Carroll Co., TN	Outer	Lower	0	0	6,371	0	0.0%
Carter Co., MO	Outer	Lower	0	0	1,493	0	0.0%
Cheatham Co., TN	Outer	Lower	0	0	9,873	0	0.0%
Christian Co., KY	Outer	Lower	0	0	24,856	0	0.0%
Clark Co., IL	Outer	Lower	0	0	4,233	0	0.0%
Clay Co., AR	Outer	Lower	0	4	4,068	0	0.0%
Clay Co., IL	Outer	Lower	0	0	3,483	0	0.0%
Clay Co., TN	Outer	Lower	0	0	1,714	0	0.0%
Clinton Co., IL	Outer	Lower	0	0	8,054	0	0.0%
Crawford Co., IL	Outer	Lower	0	0	4,664	0	0.0%
Crockett Co., TN	Outer	Lower	0	0	3,654	0	0.0%
Cumberland Co., IL	Outer	Lower	0	0	2,976	0	0.0%
Davidson Co., TN	Outer	Lower	0	0	143,590	0	0.0%
Daviess Co., IN	Outer	Lower	0	0	8,519	0	0.0%
Decatur Co., TN	Outer	Lower	0	0	2,549	0	0.0%
Dickson Co., TN	Outer	Lower	0	0	11,852	0	0.0%
Dunklin Co., MO	Outer	Lower	0	0	8,151	0	0.0%
Dyer Co., TN	Outer	Lower	0	0	9,414	0	0.0%
Edmonson Co., KY	Outer	Lower	0	0	2,745	0	0.0%
Effingham Co., IL	Outer	Lower	0	0	8,819	0	0.0%
Fayette Co., IL	Outer	Lower	0	0	4,706	0	0.0%
Franklin Co., IL	Outer	Lower	0	0	8,920	0	0.0%
Gibson Co., TN	Outer	Lower	0	0	11,229	0	0.0%
Greene Co., AR	Outer	Lower	0	0	9,958	0	0.0%
Haywood Co., TN	Outer	Lower	0	0	5,380	0	0.0%
Henderson Co., TN	Outer	Lower	0	0	6,408	0	0.0%
Henry Co., TN	Outer	Lower	0	0	6,738	0	0.0%
Hickman Co., TN	Outer	Lower	0	0	5,702	0	0.0%
Houston Co., TN	Outer	Lower	0	0	1,970	0	0.0%
Humphreys Co., TN	Outer	Lower	0	0	4,282	0	0.0%
Iron Co., MO	Outer	Lower	0	0	2,673	0	0.0%
Jackson Co., IL	Outer	Lower	0	0	10,736	0	0.0%
Jasper Co., IL	Outer	Lower	0	0	2,620	0	0.0%
Jefferson Co., IL	Outer	Lower	0	0	8,874	0	0.0%

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Knox Co., IN	Outer	Lower	0	0	8,105	0	0.0%
Lake Co., TN	Outer	Lower	0	0	1,411	0	0.0%
Lauderdale Co., TN	Outer	Lower	0	0	6,417	0	0.0%
Lawrence Co., IL	Outer	Lower	0	0	3,510	0	0.0%
Logan Co., KY	Outer	Lower	0	0	6,127	0	0.0%
Macon Co., TN	Outer	Lower	0	0	5,203	0	0.0%
Madison Co., MO	Outer	Lower	0	0	2,904	0	0.0%
Madison Co., TN	Outer	Lower	0	0	24,354	0	0.0%
Marion Co., IL	Outer	Lower	0	0	9,329	0	0.0%
Mississippi Co., AR	Outer	Lower	0	0	13,320	0	0.0%
Monroe Co., IL	Outer	Lower	0	0	7,488	0	0.0%
Monroe Co., KY	Outer	Lower	0	0	2,811	0	0.0%
Montgomery Co., TN	Outer	Lower	0	5	43,363	0	0.0%
Obion Co., TN	Outer	Lower	0	0	7,231	0	0.0%
Pemiscot Co., MO	Outer	Lower	0	0	6,015	0	0.0%
Perry Co., IL	Outer	Lower	0	0	4,459	0	0.0%
Perry Co., MO	Outer	Lower	0	0	4,715	0	0.0%
Perry Co., TN	Outer	Lower	0	0	1,862	0	0.0%
Randolph Co., IL	Outer	Lower	0	0	6,807	0	0.0%
Reynolds Co., MO	Outer	Lower	0	0	1,608	0	0.0%
Richland Co., IL	Outer	Lower	0	0	3,964	0	0.0%
Ripley Co., MO	Outer	Lower	0	0	3,352	0	0.0%
Robertson Co., TN	Outer	Lower	0	0	16,032	0	0.0%
Shelby Co., IL	Outer	Lower	0	0	4,841	0	0.0%
Simpson Co., KY	Outer	Lower	0	0	4,305	0	0.0%
St. Clair Co., IL	Outer	Lower	0	0	67,908	0	0.0%
St. Francois Co., MO	Outer	Lower	0	0	13,685	0	0.0%
Ste. Genevieve Co., MO	Outer	Lower	0	0	4,749	0	0.0%
Stewart Co., TN	Outer	Lower	0	0	2,960	0	0.0%
Stoddard Co., MO	Outer	Lower	0	0	6,700	0	0.0%
Sullivan Co., IN	Outer	Lower	0	0	4,520	0	0.0%
Sumner Co., TN	Outer	Lower	0	0	36,650	0	0.0%
Tipton Co., TN	Outer	Lower	0	0	14,731	0	0.0%
Todd Co., KY	Outer	Lower	0	0	3,183	0	0.0%
Trousdale Co., TN	Outer	Lower	0	0	1,757	0	0.0%
Vigo Co., IN	Outer	Lower	0	0	23,264	0	0.0%
Warren Co., KY	Outer	Lower	0	0	23,454	0	0.0%
Washington Co., IL	Outer	Lower	0	0	3,837	0	0.0%
Wayne Co., IL	Outer	Lower	0	0	4,072	0	0.0%
Wayne Co., MO	Outer	Lower	0	0	3,079	0	0.0%
Weakley Co., TN	Outer	Lower	0	0	7,039	0	0.0%

Table 8.3. Adult and Child (Combined) River-Contact Recreation: Numbers of Participants and Participation Rates

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Allegheny Co., PA	Inner	Upper	41	440	1,257,987	102,669	8.2%
Athens Co., OH	Inner	Upper	7	31	61,567	14,570	23.7%
Beaver Co., PA	Inner	Upper	14	85	176,756	30,470	17.2%
Belmont Co., OH	Inner	Upper	13	43	68,605	20,112	29.3%
Brooke Co., WV	Inner	Upper	5	22	24,568	6,086	24.8%
Butler Co., PA	Inner	Upper	8	64	173,065	18,597	10.7%
Cabell Co., WV	Inner	Upper	6	40	96,642	14,044	14.5%
Calhoun Co., WV	Inner	Upper	12	17	7,582	5,321	70.2%
Carroll Co., OH	Inner	Upper	3	19	28,049	4,118	14.7%
Columbiana Co., OH	Inner	Upper	2	50	108,938	4,230	3.9%
Doddridge Co., WV	Inner	Upper	0	2	7,403	0	0.0%
Fayette Co., PA	Inner	Upper	6	72	145,207	9,594	6.6%
Gallia Co., OH	Inner	Upper	9	25	30,523	8,696	28.5%
Greene Co., PA	Inner	Upper	0	36	39,875	0	0.0%
Hancock Co., WV	Inner	Upper	1	24	32,046	2,033	6.3%
Harrison Co., OH	Inner	Upper	2	16	15,856	4,083	25.8%
Jackson Co., OH	Inner	Upper	3	11	32,283	23,010	71.3%
Jackson Co., WV	Inner	Upper	3	30	27,576	1,131	4.1%
Jefferson Co., OH	Inner	Upper	10	46	72,028	16,397	22.8%
Kanawha Co., WV	Inner	Upper	6	45	198,343	27,081	13.7%
Lawrence Co., OH	Inner	Upper	10	41	61,507	15,217	24.7%
Lawrence Co., PA	Inner	Upper	1	37	92,426	2,611	2.8%
Lincoln Co., WV	Inner	Upper	6	29	21,990	4,215	19.2%
Mahoning Co., OH	Inner	Upper	7	125	250,416	17,281	6.9%
Marion Co., WV	Inner	Upper	12	49	56,293	9,682	17.2%
Marshall Co., WV	Inner	Upper	12	67	34,446	7,245	21.0%
Mason Co., WV	Inner	Upper	12	39	25,500	8,839	34.7%
Meigs Co., OH	Inner	Upper	7	23	22,747	8,415	37.0%
Monroe Co., OH	Inner	Upper	1	12	15,180	358	2.4%
Morgan Co., OH	Inner	Upper	0	2	14,897	0	0.0%
Noble Co., OH	Inner	Upper	3	4	14,058	7,697	54.7%
Ohio Co., WV	Inner	Upper	3	26	46,397	3,870	8.3%
Pleasants Co., WV	Inner	Upper	2	10	7,514	335	4.5%
Putnam Co., WV	Inner	Upper	0	23	51,501	0	0.0%
Ritchie Co., WV	Inner	Upper	5	12	10,343	5,834	56.4%
Roane Co., WV	Inner	Upper	1	3	15,446	4,715	30.5%
Tyler Co., WV	Inner	Upper	1	23	9,592	552	5.8%
Vinton Co., OH	Inner	Upper	0	2	12,806	0	0.0%
Washington Co., OH	Inner	Upper	9	48	61,827	12,057	19.5%
Washington Co., PA	Inner	Upper	7	113	200,603	8,988	4.5%
Wayne Co., WV	Inner	Upper	7	49	42,024	7,555	18.0%
Westmoreland Co., PA	Inner	Upper	9	173	361,824	18,484	5.1%
Wetzel Co., WV	Inner	Upper	2	18	17,693	2,210	12.5%
Wirt Co., WV	Inner	Upper	1	2	5,873	2,191	37.3%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Wood Co., WV	Inner	Upper	15	52	86,667	22,344	25.8%
Adams Co., OH	Inner	Middle	9	25	27,207	8,610	31.6%
Bath Co., KY	Inner	Middle	0	1	11,085	0	0.0%
Boone Co., KY	Inner	Middle	10	52	91,670	20,160	22.0%
Boyd Co., KY	Inner	Middle	0	26	49,521	0	0.0%
Bracken Co., KY	Inner	Middle	1	12	8,279	302	3.6%
Brown Co., OH	Inner	Middle	0	16	41,834	0	0.0%
Bullitt Co., KY	Inner	Middle	8	60	62,725	8,837	14.1%
Butler Co., OH	Inner	Middle	11	218	335,192	8,267	2.5%
Campbell Co., KY	Inner	Middle	3	35	86,842	6,448	7.4%
Carroll Co., KY	Inner	Middle	0	1	10,155	0	0.0%
Carter Co., KY	Inner	Middle	10	30	26,745	10,068	37.6%
Clark Co., IN	Inner	Middle	10	44	97,914	22,016	22.5%
Clermont Co., OH	Inner	Middle	18	120	178,780	27,198	15.2%
Crawford Co., IN	Inner	Middle	8	19	10,743	5,570	51.9%
Dearborn Co., IN	Inner	Middle	12	42	45,922	12,554	27.3%
Elliott Co., KY	Inner	Middle	0	4	6,748	0	0.0%
Fleming Co., KY	Inner	Middle	0	2	13,792	0	0.0%
Floyd Co., IN	Inner	Middle	13	53	70,062	17,792	25.4%
Franklin Co., IN	Inner	Middle	0	10	21,810	0	0.0%
Gallatin Co., KY	Inner	Middle	0	2	7,870	0	0.0%
Grant Co., KY	Inner	Middle	1	26	22,605	1,161	5.1%
Greenup Co., KY	Inner	Middle	4	10	36,246	11,154	30.8%
Hamilton Co., OH	Inner	Middle	48	416	835,158	93,003	11.1%
Hardin Co., KY	Inner	Middle	2	70	93,701	1,644	1.8%
Harrison Co., IN	Inner	Middle	4	29	34,101	3,574	10.5%
Harrison Co., KY	Inner	Middle	0	10	17,983	0	0.0%
Henry Co., KY	Inner	Middle	0	1	15,060	0	0.0%
Highland Co., OH	Inner	Middle	1	22	40,883	1,563	3.8%
Jefferson Co., IN	Inner	Middle	23	32	31,612	22,438	71.0%
Jefferson Co., KY	Inner	Middle	43	272	695,153	112,269	16.2%
Jennings Co., IN	Inner	Middle	0	4	27,306	0	0.0%
Kenton Co., KY	Inner	Middle	11	61	151,582	28,663	18.9%
Lawrence Co., KY	Inner	Middle	3	17	15,569	2,316	14.9%
Lewis Co., KY	Inner	Middle	0	1	14,092	0	0.0%
Mason Co., KY	Inner	Middle	1	7	16,800	1,831	10.9%
Meade Co., KY	Inner	Middle	3	22	25,702	6,088	23.7%
Nelson Co., KY	Inner	Middle	0	15	38,034	0	0.0%
Nicholas Co., KY	Inner	Middle	0	2	6,813	0	0.0%
Ohio Co., IN	Inner	Middle	1	4	5,623	1,177	20.9%
Oldham Co., KY	Inner	Middle	8	41	46,861	9,173	19.6%
Orange Co., IN	Inner	Middle	0	19	19,306	0	0.0%
Owen Co., KY	Inner	Middle	4	17	10,547	2,587	24.5%
Pendleton Co., KY	Inner	Middle	5	19	14,390	6,300	43.8%
Pike Co., OH	Inner	Middle	0	6	27,316	0	0.0%
Ripley Co., IN	Inner	Middle	0	7	26,328	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Robertson Co., KY	Inner	Middle	5	14	2,266	1,116	49.2%
Rowan Co., KY	Inner	Middle	0	22	22,587	0	0.0%
Scioto Co., OH	Inner	Middle	7	30	77,348	20,760	26.8%
Scott Co., IN	Inner	Middle	6	37	22,724	4,177	18.4%
Shelby Co., KY	Inner	Middle	7	24	34,802	15,723	45.2%
Spencer Co., KY	Inner	Middle	2	4	11,766	3,880	33.0%
Switzerland Co., IN	Inner	Middle	0	13	9,065	0	0.0%
Trimble Co., KY	Inner	Middle	2	7	8,125	1,840	22.6%
Warren Co., OH	Inner	Middle	15	103	167,965	25,452	15.2%
Washington Co., IN	Inner	Middle	0	19	26,846	0	0.0%
Alexander Co., IL	Inner	Lower	8	17	9,590	3,816	39.8%
Ballard Co., KY	Inner	Lower	1	5	8,286	1,165	14.1%
Breckinridge Co., KY	Inner	Lower	1	50	18,648	581	3.1%
Caldwell Co., KY	Inner	Lower	0	10	13,060	0	0.0%
Calloway Co., KY	Inner	Lower	11	49	34,341	8,721	25.4%
Carlisle Co., KY	Inner	Lower	2	3	5,351	2,384	44.5%
Crittenden Co., KY	Inner	Lower	0	26	9,384	0	0.0%
Daviess Co., KY	Inner	Lower	19	126	91,018	13,808	15.2%
Dubois Co., IN	Inner	Lower	2	59	39,274	1,236	3.1%
Edwards Co., IL	Inner	Lower	1	16	6,971	201	2.9%
Fulton Co., KY	Inner	Lower	2	19	7,752	1,559	20.1%
Gallatin Co., IL	Inner	Lower	3	6	6,445	2,466	38.3%
Gibson Co., IN	Inner	Lower	2	55	32,268	1,084	3.4%
Graves Co., KY	Inner	Lower	7	69	36,858	4,083	11.1%
Grayson Co., KY	Inner	Lower	1	36	24,055	1,053	4.4%
Hamilton Co., IL	Inner	Lower	4	10	8,621	2,585	30.0%
Hancock Co., KY	Inner	Lower	2	13	8,392	1,205	14.4%
Hardin Co., IL	Inner	Lower	4	23	29,309	1,086	3.7%
Henderson Co., KY	Inner	Lower	22	72	44,456	12,907	29.0%
Hickman Co., KY	Inner	Lower	0	10	5,262	0	0.0%
Hopkins Co., KY	Inner	Lower	4	73	46,018	3,597	7.8%
Johnson Co., IL	Inner	Lower	4	18	12,878	1,931	15.0%
Livingston Co., KY	Inner	Lower	1	13	9,804	669	6.8%
Lyon Co., KY	Inner	Lower	1	10	8,080	864	10.7%
Marshall Co., KY	Inner	Lower	5	49	29,797	3,487	11.7%
Massac Co., IL	Inner	Lower	2	27	15,161	1,357	8.9%
McCracken Co., KY	Inner	Lower	5	106	64,728	2,613	4.0%
McLean Co., KY	Inner	Lower	2	14	9,938	1,733	17.4%
Mississippi Co., MO	Inner	Lower	0	7	13,427	0	0.0%
Muhlenberg Co., KY	Inner	Lower	1	56	31,444	738	2.3%
New Madrid Co., MO	Inner	Lower	0	17	19,760	0	0.0%
Ohio Co., KY	Inner	Lower	1	36	22,773	789	3.5%
Perry Co., IN	Inner	Lower	20	60	18,899	5,970	31.6%
Pike Co., IN	Inner	Lower	0	39	12,837	0	0.0%
Pope Co., IL	Inner	Lower	0	3	4,413	0	0.0%
Posey Co., IN	Inner	Lower	8	60	25,818	3,355	13.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Pulaski Co., IL	Inner	Lower	0	13	7,348	0	0.0%
Saline Co., IL	Inner	Lower	9	27	26,201	7,701	29.4%
Scott Co., MO	Inner	Lower	0	32	39,917	0	0.0%
Spencer Co., IN	Inner	Lower	1	33	19,770	478	2.4%
Trigg Co., KY	Inner	Lower	0	10	12,597	0	0.0%
Union Co., IL	Inner	Lower	1	11	18,293	1,332	7.3%
Union Co., KY	Inner	Lower	2	14	15,637	2,007	12.8%
Vanderburgh Co., IN	Inner	Lower	60	402	172,497	26,785	15.5%
Wabash Co., IL	Inner	Lower	3	22	12,937	1,289	10.0%
Warrick Co., IN	Inner	Lower	15	108	52,160	6,949	13.3%
Webster Co., KY	Inner	Lower	0	22	14,120	0	0.0%
White Co., IL	Inner	Lower	3	16	15,371	2,279	14.8%
Williamson Co., IL	Inner	Lower	2	76	61,187	2,039	3.3%
Allegany Co., MD	Outer	Upper	0	4	73,402	0	0.0%
Armstrong Co., PA	Outer	Upper	0	4	70,050	0	0.0%
Ashland Co., OH	Outer	Upper	0	3	51,957	0	0.0%
Ashtabula Co., OH	Outer	Upper	0	6	100,241	0	0.0%
Barbour Co., WV	Outer	Upper	0	1	15,557	0	0.0%
Bedford Co., PA	Outer	Upper	0	3	49,034	0	0.0%
Blair Co., PA	Outer	Upper	0	8	126,638	0	0.0%
Boone Co., WV	Outer	Upper	0	1	25,262	0	0.0%
Braxton Co., WV	Outer	Upper	0	1	14,702	0	0.0%
Buchanan Co., VA	Outer	Upper	0	2	25,775	0	0.0%
Cambria Co., PA	Outer	Upper	0	9	149,136	0	0.0%
Chautauqua Co., NY	Outer	Upper	0	8	134,834	0	0.0%
Clarion Co., PA	Outer	Upper	0	2	40,790	0	0.0%
Clay Co., WV	Outer	Upper	0	1	10,330	0	0.0%
Clearfield Co., PA	Outer	Upper	0	5	80,820	0	0.0%
Coshocton Co., OH	Outer	Upper	0	2	35,877	0	0.0%
Crawford Co., PA	Outer	Upper	0	5	88,045	0	0.0%
Cuyahoga Co., OH	Outer	Upper	1	79	1,360,605	13,283	1.0%
Elk Co., PA	Outer	Upper	0	2	33,614	0	0.0%
Erie Co., PA	Outer	Upper	0	16	275,877	0	0.0%
Fairfield Co., OH	Outer	Upper	0	7	125,182	0	0.0%
Fayette Co., WV	Outer	Upper	0	3	47,157	0	0.0%
Forest Co., PA	Outer	Upper	0	0	4,946	0	0.0%
Garrett Co., MD	Outer	Upper	0	2	28,944	0	0.0%
Geauga Co., OH	Outer	Upper	0	5	88,793	0	0.0%
Gilmer Co., WV	Outer	Upper	0	0	7,160	0	0.0%
Grant Co., WV	Outer	Upper	0	1	11,299	0	0.0%
Greenbrier Co., WV	Outer	Upper	0	2	34,222	0	0.0%
Guernsey Co., OH	Outer	Upper	0	2	40,162	0	0.0%
Harrison Co., WV	Outer	Upper	0	4	67,884	0	0.0%
Hocking Co., OH	Outer	Upper	0	2	27,966	0	0.0%
Holmes Co., OH	Outer	Upper	0	2	39,228	0	0.0%
Indiana Co., PA	Outer	Upper	0	5	86,911	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Jefferson Co., PA	Outer	Upper	0	3	44,820	0	0.0%
Knox Co., OH	Outer	Upper	0	3	54,440	0	0.0%
Lake Co., OH	Outer	Upper	0	13	225,070	0	0.0%
Lewis Co., WV	Outer	Upper	0	1	16,919	0	0.0%
Licking Co., OH	Outer	Upper	0	8	146,066	0	0.0%
Logan Co., WV	Outer	Upper	0	2	37,124	0	0.0%
Lorain Co., OH	Outer	Upper	0	16	284,076	0	0.0%
McDowell Co., WV	Outer	Upper	0	2	25,977	0	0.0%
Medina Co., OH	Outer	Upper	0	8	152,041	0	0.0%
Mercer Co., PA	Outer	Upper	0	7	117,728	0	0.0%
Mercer Co., WV	Outer	Upper	2	26	62,754	3,394	5.4%
Mineral Co., WV	Outer	Upper	0	2	26,474	0	0.0%
Mingo Co., WV	Outer	Upper	0	2	27,404	0	0.0%
Monongalia Co., WV	Outer	Upper	0	9	82,502	0	0.0%
Morrow Co., OH	Outer	Upper	0	2	31,518	0	0.0%
Muskingum Co., OH	Outer	Upper	0	12	83,480	0	0.0%
Nicholas Co., WV	Outer	Upper	0	2	25,840	0	0.0%
Pendleton Co., WV	Outer	Upper	0	0	8,196	0	0.0%
Perry Co., OH	Outer	Upper	0	2	33,550	0	0.0%
Pocahontas Co., WV	Outer	Upper	0	1	9,131	0	0.0%
Portage Co., OH	Outer	Upper	0	9	149,513	0	0.0%
Preston Co., WV	Outer	Upper	0	2	28,794	0	0.0%
Raleigh Co., WV	Outer	Upper	0	5	78,628	0	0.0%
Randolph Co., WV	Outer	Upper	0	2	28,074	0	0.0%
Richland Co., OH	Outer	Upper	0	7	126,030	0	0.0%
Somerset Co., PA	Outer	Upper	0	5	77,662	0	0.0%
Stark Co., OH	Outer	Upper	0	21	372,397	0	0.0%
Summers Co., WV	Outer	Upper	0	1	12,999	0	0.0%
Summit Co., OH	Outer	Upper	0	31	537,656	0	0.0%
Taylor Co., WV	Outer	Upper	0	1	16,089	0	0.0%
Tazewell Co., VA	Outer	Upper	0	3	43,854	0	0.0%
Trumbull Co., OH	Outer	Upper	0	10	218,545	0	0.0%
Tucker Co., WV	Outer	Upper	0	0	7,321	0	0.0%
Tuscarawas Co., OH	Outer	Upper	0	5	89,373	0	0.0%
Upshur Co., WV	Outer	Upper	0	1	23,146	0	0.0%
Venango Co., PA	Outer	Upper	0	3	55,698	0	0.0%
Warren Co., PA	Outer	Upper	0	3	42,104	0	0.0%
Wayne Co., OH	Outer	Upper	0	6	109,876	0	0.0%
Webster Co., WV	Outer	Upper	0	1	9,719	0	0.0%
Wyoming Co., WV	Outer	Upper	0	2	24,922	0	0.0%
Adair Co., KY	Outer	Middle	3	9	17,244	1,520	8.8%
Adams Co., IN	Outer	Middle	0	2	33,370	0	0.0%
Anderson Co., KY	Outer	Middle	0	1	19,218	0	0.0%
Auglaize Co., OH	Outer	Middle	0	3	45,460	0	0.0%
Bartholomew Co., IN	Outer	Middle	0	4	71,425	0	0.0%
Blackford Co., IN	Outer	Middle	0	1	14,048	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Bourbon Co., KY	Outer	Middle	0	1	19,360	0	0.0%
Boyle Co., KY	Outer	Middle	0	2	27,628	0	0.0%
Breathitt Co., KY	Outer	Middle	0	1	16,100	0	0.0%
Brown Co., IN	Outer	Middle	0	1	14,957	0	0.0%
Casey Co., KY	Outer	Middle	0	1	15,447	0	0.0%
Champaign Co., OH	Outer	Middle	0	2	38,284	0	0.0%
Clark Co., KY	Outer	Middle	0	2	33,064	0	0.0%
Clark Co., OH	Outer	Middle	0	9	141,835	0	0.0%
Clay Co., IN	Outer	Middle	0	2	26,179	0	0.0%
Clay Co., KY	Outer	Middle	0	1	24,138	0	0.0%
Clinton Co., KY	Outer	Middle	0	1	9,634	0	0.0%
Clinton Co., OH	Outer	Middle	0	2	40,597	0	0.0%
Cumberland Co., KY	Outer	Middle	0	0	7,147	0	0.0%
Darke Co., OH	Outer	Middle	0	3	52,081	0	0.0%
Decatur Co., IN	Outer	Middle	0	1	24,631	0	0.0%
Delaware Co., IN	Outer	Middle	0	7	116,636	0	0.0%
Delaware Co., OH	Outer	Middle	1	8	121,927	11,275	9.2%
Dickenson Co., VA	Outer	Middle	0	1	16,395	0	0.0%
Estill Co., KY	Outer	Middle	0	1	15,307	0	0.0%
Fayette Co., IN	Outer	Middle	0	2	25,030	0	0.0%
Fayette Co., KY	Outer	Middle	0	16	265,087	0	0.0%
Fayette Co., OH	Outer	Middle	0	2	28,121	0	0.0%
Floyd Co., KY	Outer	Middle	0	3	41,775	0	0.0%
Franklin Co., KY	Outer	Middle	0	3	47,516	0	0.0%
Franklin Co., OH	Outer	Middle	0	64	1,083,588	0	0.0%
Garrard Co., KY	Outer	Middle	0	1	14,792	0	0.0%
Grant Co., IN	Outer	Middle	0	4	71,279	0	0.0%
Green Co., KY	Outer	Middle	0	1	19,917	0	0.0%
Greene Co., IN	Outer	Middle	0	2	32,689	0	0.0%
Greene Co., OH	Outer	Middle	0	9	146,544	0	0.0%
Hamilton Co., IN	Outer	Middle	0	10	202,041	0	0.0%
Hancock Co., IN	Outer	Middle	0	3	56,996	0	0.0%
Harlan Co., KY	Outer	Middle	0	2	31,992	0	0.0%
Hart Co., KY	Outer	Middle	0	1	17,445	0	0.0%
Hendricks Co., IN	Outer	Middle	0	9	109,498	0	0.0%
Henry Co., IN	Outer	Middle	0	3	47,154	0	0.0%
Jackson Co., IN	Outer	Middle	0	2	41,258	0	0.0%
Jackson Co., KY	Outer	Middle	0	1	13,495	0	0.0%
Jay Co., IN	Outer	Middle	1	1	21,629	770	3.6%
Jessamine Co., KY	Outer	Middle	0	2	39,986	0	0.0%
Johnson Co., IN	Outer	Middle	0	7	118,085	0	0.0%
Johnson Co., KY	Outer	Middle	0	1	23,340	0	0.0%
Knott Co., KY	Outer	Middle	0	1	17,649	0	0.0%
Larue Co., KY	Outer	Middle	0	1	13,373	0	0.0%
Laurel Co., KY	Outer	Middle	0	3	53,265	0	0.0%
Lawrence Co., IN	Outer	Middle	0	3	45,359	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Lee Co., KY	Outer	Middle	0	0	7,916	0	0.0%
Leslie Co., KY	Outer	Middle	0	1	12,401	0	0.0%
Letcher Co., KY	Outer	Middle	0	2	24,465	0	0.0%
Lincoln Co., KY	Outer	Middle	0	1	23,587	0	0.0%
Logan Co., OH	Outer	Middle	0	3	45,334	0	0.0%
Madison Co., IN	Outer	Middle	0	8	131,600	0	0.0%
Madison Co., KY	Outer	Middle	0	4	73,205	0	0.0%
Madison Co., OH	Outer	Middle	0	2	39,789	0	0.0%
Magoffin Co., KY	Outer	Middle	0	1	13,332	0	0.0%
Marion Co., IN	Outer	Middle	0	51	871,754	0	0.0%
Marion Co., KY	Outer	Middle	0	1	18,212	0	0.0%
Martin Co., IN	Outer	Middle	0	1	10,369	0	0.0%
Martin Co., KY	Outer	Middle	0	1	12,578	0	0.0%
Menifee Co., KY	Outer	Middle	0	0	6,556	0	0.0%
Mercer Co., KY	Outer	Middle	0	1	20,829	0	0.0%
Mercer Co., OH	Outer	Middle	0	2	39,753	0	0.0%
Metcalfe Co., KY	Outer	Middle	0	1	10,037	0	0.0%
Miami Co., OH	Outer	Middle	1	6	97,343	4,380	4.5%
Monroe Co., IN	Outer	Middle	0	8	121,146	0	0.0%
Montgomery Co., KY	Outer	Middle	0	1	23,031	0	0.0%
Montgomery Co., OH	Outer	Middle	0	34	549,960	0	0.0%
Morgan Co., IN	Outer	Middle	0	7	66,065	0	0.0%
Morgan Co., KY	Outer	Middle	0	1	13,948	0	0.0%
Norton city, VA	Outer	Middle	0	0	3,904	0	0.0%
Owen Co., IN	Outer	Middle	0	1	21,293	0	0.0%
Owsley Co., KY	Outer	Middle	0	0	4,858	0	0.0%
Perry Co., KY	Outer	Middle	0	2	29,147	0	0.0%
Pickaway Co., OH	Outer	Middle	0	3	52,428	0	0.0%
Pike Co., KY	Outer	Middle	0	4	66,895	0	0.0%
Powell Co., KY	Outer	Middle	0	1	13,237	0	0.0%
Preble Co., OH	Outer	Middle	0	3	41,187	0	0.0%
Pulaski Co., KY	Outer	Middle	0	3	56,521	0	0.0%
Putnam Co., IN	Outer	Middle	0	2	35,534	0	0.0%
Randolph Co., IN	Outer	Middle	0	2	26,519	0	0.0%
Rockcastle Co., KY	Outer	Middle	0	1	16,582	0	0.0%
Ross Co., OH	Outer	Middle	0	4	72,503	0	0.0%
Rush Co., IN	Outer	Middle	0	1	18,261	0	0.0%
Russell Co., KY	Outer	Middle	0	1	16,315	0	0.0%
Russell Co., VA	Outer	Middle	0	2	29,852	0	0.0%
Scott Co., KY	Outer	Middle	0	2	35,384	0	0.0%
Shelby Co., IN	Outer	Middle	1	3	42,627	5,722	13.4%
Shelby Co., OH	Outer	Middle	0	3	47,405	0	0.0%
Taylor Co., KY	Outer	Middle	0	1	22,792	0	0.0%
Union Co., IN	Outer	Middle	0	0	7,349	0	0.0%
Union Co., OH	Outer	Middle	0	2	42,139	0	0.0%
Washington Co., KY	Outer	Middle	0	1	10,916	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Wayne Co., IN	Outer	Middle	0	4	69,653	0	0.0%
Wayne Co., KY	Outer	Middle	0	1	19,758	0	0.0%
Wise Co., VA	Outer	Middle	0	2	39,519	0	0.0%
Wolfe Co., KY	Outer	Middle	0	0	7,065	0	0.0%
Woodford Co., KY	Outer	Middle	0	1	23,042	0	0.0%
Allen Co., KY	Outer	Lower	1	4	17,800	879	4.9%
Barren Co., KY	Outer	Lower	2	23	38,325	3,677	9.6%
Benton Co., TN	Outer	Lower	0	2	16,537	0	0.0%
Bollinger Co., MO	Outer	Lower	0	1	12,029	0	0.0%
Butler Co., KY	Outer	Lower	0	2	13,010	0	0.0%
Butler Co., MO	Outer	Lower	0	5	40,822	0	0.0%
Cape Girardeau Co., MO	Outer	Lower	1	11	68,735	6,575	9.6%
Carroll Co., TN	Outer	Lower	0	4	29,006	0	0.0%
Carter Co., MO	Outer	Lower	0	1	5,941	0	0.0%
Cheatham Co., TN	Outer	Lower	0	4	35,855	0	0.0%
Christian Co., KY	Outer	Lower	0	8	76,662	0	0.0%
Clark Co., IL	Outer	Lower	0	2	17,008	0	0.0%
Clay Co., AR	Outer	Lower	0	6	17,609	0	0.0%
Clay Co., IL	Outer	Lower	0	2	14,560	0	0.0%
Clay Co., TN	Outer	Lower	0	1	7,976	0	0.0%
Clinton Co., IL	Outer	Lower	0	4	34,753	0	0.0%
Crawford Co., IL	Outer	Lower	0	3	20,452	0	0.0%
Crockett Co., TN	Outer	Lower	0	2	14,532	0	0.0%
Cumberland Co., IL	Outer	Lower	0	1	11,253	0	0.0%
Davidson Co., TN	Outer	Lower	0	71	587,034	0	0.0%
Daviess Co., IN	Outer	Lower	0	3	29,705	0	0.0%
Decatur Co., TN	Outer	Lower	0	1	11,731	0	0.0%
Dickson Co., TN	Outer	Lower	0	5	43,522	0	0.0%
Dunklin Co., MO	Outer	Lower	0	4	32,693	0	0.0%
Dyer Co., TN	Outer	Lower	0	4	37,096	0	0.0%
Edmonson Co., KY	Outer	Lower	0	1	11,644	0	0.0%
Effingham Co., IL	Outer	Lower	0	4	33,299	0	0.0%
Fayette Co., IL	Outer	Lower	0	3	21,320	0	0.0%
Franklin Co., IL	Outer	Lower	0	5	38,980	0	0.0%
Gibson Co., TN	Outer	Lower	0	6	47,843	0	0.0%
Greene Co., AR	Outer	Lower	0	4	37,878	0	0.0%
Haywood Co., TN	Outer	Lower	0	2	19,797	0	0.0%
Henderson Co., TN	Outer	Lower	0	3	25,718	0	0.0%
Henry Co., TN	Outer	Lower	0	4	30,940	0	0.0%
Hickman Co., TN	Outer	Lower	0	3	22,494	0	0.0%
Houston Co., TN	Outer	Lower	0	1	8,088	0	0.0%
Humphreys Co., TN	Outer	Lower	0	2	17,929	0	0.0%
Iron Co., MO	Outer	Lower	0	1	10,697	0	0.0%
Jackson Co., IL	Outer	Lower	0	8	58,866	0	0.0%
Jasper Co., IL	Outer	Lower	0	1	10,117	0	0.0%
Jefferson Co., IL	Outer	Lower	0	5	39,223	0	0.0%

County / State	Ribbon	Region	Number of Participants (Weighted)	Number Within Sample (Weighted)	County Population	Estimated Number of Participants	Percent of Co. Participating in Ohio River Recreation
Knox Co., IN	Outer	Lower	0	5	38,360	0	0.0%
Lake Co., TN	Outer	Lower	0	1	7,954	0	0.0%
Lauderdale Co., TN	Outer	Lower	0	3	26,799	0	0.0%
Lawrence Co., IL	Outer	Lower	0	2	15,452	0	0.0%
Logan Co., KY	Outer	Lower	0	3	25,875	0	0.0%
Macon Co., TN	Outer	Lower	0	2	20,275	0	0.0%
Madison Co., MO	Outer	Lower	0	1	11,800	0	0.0%
Madison Co., TN	Outer	Lower	0	11	92,474	0	0.0%
Marion Co., IL	Outer	Lower	0	5	40,398	0	0.0%
Mississippi Co., AR	Outer	Lower	0	6	49,892	0	0.0%
Monroe Co., IL	Outer	Lower	0	3	27,803	0	0.0%
Monroe Co., KY	Outer	Lower	0	1	11,756	0	0.0%
Montgomery Co., TN	Outer	Lower	0	21	139,802	0	0.0%
Obion Co., TN	Outer	Lower	0	4	32,075	0	0.0%
Pemiscot Co., MO	Outer	Lower	0	2	20,047	0	0.0%
Perry Co., IL	Outer	Lower	0	3	22,470	0	0.0%
Perry Co., MO	Outer	Lower	0	2	18,132	0	0.0%
Perry Co., TN	Outer	Lower	0	1	7,631	0	0.0%
Randolph Co., IL	Outer	Lower	0	4	33,193	0	0.0%
Reynolds Co., MO	Outer	Lower	0	1	6,689	0	0.0%
Richland Co., IL	Outer	Lower	0	2	16,149	0	0.0%
Ripley Co., MO	Outer	Lower	0	2	13,509	0	0.0%
Robertson Co., TN	Outer	Lower	0	6	55,883	0	0.0%
Shelby Co., IL	Outer	Lower	0	3	22,006	0	0.0%
Simpson Co., KY	Outer	Lower	0	2	16,405	0	0.0%
St. Clair Co., IL	Outer	Lower	0	30	253,065	0	0.0%
St. Francois Co., MO	Outer	Lower	0	7	55,991	0	0.0%
Ste. Genevieve Co., MO	Outer	Lower	0	2	17,842	0	0.0%
Stewart Co., TN	Outer	Lower	0	2	12,370	0	0.0%
Stoddard Co., MO	Outer	Lower	0	4	29,312	0	0.0%
Sullivan Co., IN	Outer	Lower	0	3	21,359	0	0.0%
Sumner Co., TN	Outer	Lower	0	15	132,762	0	0.0%
Tipton Co., TN	Outer	Lower	0	6	50,977	0	0.0%
Todd Co., KY	Outer	Lower	0	1	11,971	0	0.0%
Trousdale Co., TN	Outer	Lower	0	1	7,259	0	0.0%
Vigo Co., IN	Outer	Lower	0	13	104,896	0	0.0%
Warren Co., KY	Outer	Lower	0	11	94,578	0	0.0%
Washington Co., IL	Outer	Lower	0	2	15,148	0	0.0%
Wayne Co., IL	Outer	Lower	0	2	17,151	0	0.0%
Wayne Co., MO	Outer	Lower	0	2	13,259	0	0.0%
Weakley Co., TN	Outer	Lower	0	4	34,383	0	0.0%

Table 9.1. Recreation: Numbers of Adult Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: All Activities	Percent of Total River-Recreation Participation in This Section	Percent of Total River-Recreation Participation in This Section (Excluding Unknown)
Mile 0-50	270,313	10.1%	13.2%
Mile 51-100	55,111	2.1%	2.7%
Mile 101-150	76,553	2.9%	3.7%
Mile 151-200	102,156	3.8%	5.0%
Mile 201-250	63,205	2.4%	3.1%
Mile 251-300	63,261	2.4%	3.1%
Mile 301-350	143,586	5.4%	7.0%
Mile 351-400	99,857	3.7%	4.9%
Mile 401-450	84,613	3.2%	4.1%
Mile 451-500	283,607	10.6%	13.8%
Mile 501-550	48,646	1.8%	2.4%
Mile 551-600	161,330	6.0%	7.9%
Mile 601-650	117,500	4.4%	5.7%
Mile 651-700	64,735	2.4%	3.2%
Mile 701-750	53,633	2.0%	2.6%
Mile 751-800	99,119	3.7%	4.8%
Mile 801-850	37,819	1.4%	1.8%
Mile 851-900	70,229	2.6%	3.4%
Mile 901-950	126,282	4.7%	6.2%
Mile 951-980	27,648	1.0%	1.3%
Unknown	624,080	23.3%	
Total - excluding unknowns	2,049,204		
Total	2,673,284		
Upper Region	716,502	26.8%	35.0%
Middle Region	915,650	34.3%	44.7%
Lower Region	417,051	15.6%	20.4%
Unknown	624,080	23.3%	
Total - excluding unknowns	2,049,204		
Total	2,673,284		

Table 9.2. Recreation: Numbers of Child Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: All Activities	Percent of Total River- Recreation Participation in This Section
Mile 0-50	82,220	17.0%
Mile 51-100	7,569	1.6%
Mile 101-150	4,832	1.0%
Mile 151-200	23,462	4.9%
Mile 201-250	2,329	0.5%
Mile 251-300	20,099	4.2%
Mile 301-350	9,186	1.9%
Mile 351-400	41,810	8.7%
Mile 401-450	47,532	9.8%
Mile 451-500	98,302	20.4%
Mile 501-550	11,426	2.4%
Mile 551-600	34,132	7.1%
Mile 601-650	46,885	9.7%
Mile 651-700	5,781	1.2%
Mile 701-750	3,567	0.7%
Mile 751-800	19,316	4.0%
Mile 801-850	10,218	2.1%
Mile 851-900	6,472	1.3%
Mile 901-950	5,059	1.0%
Mile 951-980	2,786	0.6%
Unknown	0	0.0%
Total - excluding unknowns	482,982	
Total	482,982	
Upper Region	145,870	30.2%
Middle Region	284,866	59.0%
Lower Region	52,245	10.8%
Unknown	0	0.0%
Total - excluding unknowns	482,982	
Total	482,982	

Table 9.3. Recreation: Numbers of Adult and Child Participants (Combined) and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: All Activities	Percent of Total River-Recreation Participation in This Section	Percent of Total River-Recreation Participation in This Section (Excluding Unknown)
Mile 0-50	352,533	11.2%	14.0%
Mile 51-100	62,680	2.0%	2.5%
Mile 101-150	81,385	2.6%	3.2%
Mile 151-200	125,618	4.0%	5.0%
Mile 201-250	65,534	2.1%	2.6%
Mile 251-300	83,360	2.6%	3.3%
Mile 301-350	152,772	4.9%	6.1%
Mile 351-400	141,667	4.5%	5.6%
Mile 401-450	132,145	4.2%	5.2%
Mile 451-500	381,910	12.1%	15.1%
Mile 501-550	60,071	1.9%	2.4%
Mile 551-600	195,462	6.2%	7.7%
Mile 601-650	164,385	5.2%	6.5%
Mile 651-700	70,516	2.2%	2.8%
Mile 701-750	57,200	1.8%	2.3%
Mile 751-800	118,435	3.8%	4.7%
Mile 801-850	48,037	1.5%	1.9%
Mile 851-900	76,701	2.4%	3.0%
Mile 901-950	122,818	3.9%	4.9%
Mile 951-980	30,434	1.0%	1.2%
Unknown	624,080	19.8%	
Total - excluding unknowns	2,523,662		
Total	3,147,743		
Upper Region	862,373	27.4%	34.2%
Middle Region	1,200,516	38.1%	47.6%
Lower Region	460,773	14.6%	18.3%
Unknown	624,080	19.8%	
Total - excluding unknowns	2,523,662		
Total	3,147,743		

Table 10.1. Primary and Secondary Recreation: Numbers of Adult Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Primary Events	Percent of Total Primary River-Recreation Participation in This Section	Percent of Total Primary River-Recreation Participation in This Section (Excluding Unknown)	Total Number of Participants: Secondary Events	Percent of Total Secondary River-Recreation Participation in This Section	Percent of Total Secondary River-Recreation Participation in This Section (Excluding Unknown)
Mile 0-50	105,683	12.7%	16.4%	164,630	9.0%	11.8%
Mile 51-100	0	0.0%	0.0%	55,111	3.0%	3.9%
Mile 101-150	13,998	1.7%	2.2%	62,554	3.4%	4.5%
Mile 151-200	36,094	4.3%	5.6%	66,062	3.6%	4.7%
Mile 201-250	8,042	1.0%	1.2%	55,164	3.0%	4.0%
Mile 251-300	10,906	1.3%	1.7%	52,356	2.9%	3.7%
Mile 301-350	37,771	4.5%	5.9%	105,816	5.8%	7.6%
Mile 351-400	24,940	3.0%	3.9%	74,917	4.1%	5.4%
Mile 401-450	15,562	1.9%	2.4%	69,050	3.8%	4.9%
Mile 451-500	110,271	13.2%	17.1%	173,336	9.5%	12.4%
Mile 501-550	25,958	3.1%	4.0%	22,687	1.2%	1.6%
Mile 551-600	47,390	5.7%	7.4%	113,940	6.2%	8.2%
Mile 601-650	28,440	3.4%	4.4%	89,060	4.9%	6.4%
Mile 651-700	41,629	5.0%	6.5%	23,106	1.3%	1.7%
Mile 701-750	22,366	2.7%	3.5%	31,267	1.7%	2.2%
Mile 751-800	40,266	4.8%	6.2%	58,853	3.2%	4.2%
Mile 801-850	14,989	1.8%	2.3%	22,830	1.2%	1.6%
Mile 851-900	20,073	2.4%	3.1%	50,156	2.7%	3.6%
Mile 901-950	32,819	3.9%	5.1%	84,940	4.6%	6.1%
Mile 951-980	7,194	0.9%	1.1%	20,454	1.1%	1.5%
Unknown	189,131	22.7%		434,949	23.8%	
Total - excluding unknowns	644,392			1,396,289		
Total	833,522			1,831,239		
Upper Region	192,663	23.1%	29.9%	523,839	28.6%	37.5%
Middle Region	314,021	37.7%	48.7%	601,629	32.9%	43.1%
Lower Region	137,707	16.5%	21.4%	270,821	14.8%	19.4%
Unknown	189,131	22.7%		434,949	23.8%	
Total - excluding unknowns	644,392			1,396,289		
Total	833,522			1,831,239		

Table 10.2. Primary and Secondary Recreation: Numbers of Child Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Primary Events	Percent of Total Primary River-Recreation Participation in This Section	Total Number of Participants: Secondary Events	Percent of Total Secondary River-Recreation Participation in This Section
Mile 0-50	28,127	15.5%	54,092	17.9%
Mile 51-100	2,267	1.3%	5,303	1.8%
Mile 101-150	382	0.2%	4,450	1.5%
Mile 151-200	11,259	6.2%	12,203	4.0%
Mile 201-250	0	0.0%	2,329	0.8%
Mile 251-300	10,476	5.8%	9,623	3.2%
Mile 301-350	1,788	1.0%	7,398	2.4%
Mile 351-400	5,673	3.1%	36,137	12.0%
Mile 401-450	20,269	11.2%	27,263	9.0%
Mile 451-500	38,231	21.1%	60,072	19.9%
Mile 501-550	5,403	3.0%	6,022	2.0%
Mile 551-600	20,682	11.4%	13,450	4.5%
Mile 601-650	20,070	11.1%	26,816	8.9%
Mile 651-700	541	0.3%	5,240	1.7%
Mile 701-750	1,365	0.8%	2,203	0.7%
Mile 751-800	5,752	3.2%	13,564	4.5%
Mile 801-850	4,077	2.3%	6,141	2.0%
Mile 851-900	2,724	1.5%	3,749	1.2%
Mile 901-950	984	0.5%	4,075	1.3%
Mile 951-980	929	0.5%	1,857	0.6%
Unknown	0	0.0%	0	0.0%
Total - excluding unknowns	180,996		301,985	
Total	180,996		301,985	
Upper Region	53,101	29.3%	92,769	30.7%
Middle Region	112,066	61.9%	172,800	57.2%
Lower Region	15,829	8.7%	36,416	12.1%
Unknown	0	0.0%	0	0.0%
Total - excluding unknowns	180,996		301,985	
Total	180,996		301,985	

Table 10.3. Primary and Secondary Recreation: Numbers of Adult and Child Participants (Combined) and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Primary Events	Percent of Total Primary River-Recreation Participation in This Section	Percent of Total Primary River-Recreation Participation in This Section (Excluding Unknown)	Total Number of Participants: Secondary Events	Percent of Total Secondary River-Recreation Participation in This Section	Percent of Total Secondary River-Recreation Participation in This Section (Excluding Unknown)
Mile 0-50	133,811	13.2%	16.2%	218,722	10.3%	12.9%
Mile 51-100	2,267	0.2%	0.3%	60,414	2.8%	3.6%
Mile 101-150	14,381	1.4%	1.7%	67,004	3.1%	3.9%
Mile 151-200	47,353	4.7%	5.7%	78,265	3.7%	4.6%
Mile 201-250	8,042	0.8%	1.0%	57,493	2.7%	3.4%
Mile 251-300	21,382	2.1%	2.6%	61,978	2.9%	3.6%
Mile 301-350	39,559	3.9%	4.8%	113,213	5.3%	6.7%
Mile 351-400	30,613	3.0%	3.7%	111,054	5.2%	6.5%
Mile 401-450	35,832	3.5%	4.3%	96,313	4.5%	5.7%
Mile 451-500	148,502	14.6%	18.0%	233,408	10.9%	13.7%
Mile 501-550	31,362	3.1%	3.8%	28,710	1.3%	1.7%
Mile 551-600	68,072	6.7%	8.2%	127,390	6.0%	7.5%
Mile 601-650	48,510	4.8%	5.9%	115,875	5.4%	6.8%
Mile 651-700	42,169	4.2%	5.1%	28,347	1.3%	1.7%
Mile 701-750	23,731	2.3%	2.9%	33,469	1.6%	2.0%
Mile 751-800	46,017	4.5%	5.6%	72,417	3.4%	4.3%
Mile 801-850	19,066	1.9%	2.3%	28,971	1.4%	1.7%
Mile 851-900	22,796	2.2%	2.8%	53,905	2.5%	3.2%
Mile 901-950	33,803	3.3%	4.1%	89,015	4.2%	5.2%
Mile 951-980	8,122	0.8%	1.0%	22,311	1.0%	1.3%
Unknown	189,131	18.6%		434,949	20.4%	
Total - excluding unknowns	825,388			1,698,274		
Total	1,014,519			2,133,224		
Upper Region	245,765	24.2%	29.8%	616,608	28.9%	36.3%
Middle Region	426,087	42.0%	51.6%	774,429	36.3%	45.6%
Lower Region	153,536	15.1%	18.6%	307,237	14.4%	18.1%
Unknown	189,131	18.6%		434,949	20.4%	
Total - excluding unknowns	825,388			1,698,274		
Total	1,014,519			2,133,224		

Table 11.1. Swimming: Numbers of Adult Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Swimming	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	13,632	4.5%	6.4%
Mile 51-100	0	0.0%	0.0%
Mile 101-150	2,617	0.9%	1.2%
Mile 151-200	16,244	5.4%	7.7%
Mile 201-250	1,463	0.5%	0.7%
Mile 251-300	1,463	0.5%	0.7%
Mile 301-350	16,017	5.3%	7.6%
Mile 351-400	11,865	3.9%	5.6%
Mile 401-450	3,898	1.3%	1.8%
Mile 451-500	24,987	8.2%	11.8%
Mile 501-550	9,828	3.2%	4.6%
Mile 551-600	30,018	9.9%	14.2%
Mile 601-650	5,376	1.8%	2.5%
Mile 651-700	14,631	4.8%	6.9%
Mile 701-750	19,131	6.3%	9.0%
Mile 751-800	15,999	5.3%	7.6%
Mile 801-850	5,684	1.9%	2.7%
Mile 851-900	8,878	2.9%	4.2%
Mile 901-950	8,523	2.8%	4.0%
Mile 951-980	1,512	0.5%	0.7%
Unknown	91,300	30.1%	
Total - excluding unknowns	211,767		
Total	303,068		
Upper Region	40,505	13.4%	19.1%
Middle Region	111,937	36.9%	52.9%
Lower Region	59,325	19.6%	28.0%
Unknown	91,300	30.1%	
Total - excluding unknowns	211,767		
Total	303,068		

Table 11.2. Swimming: Numbers of Child Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Swimming	Percent of Total in This Section
Mile 0-50	7,927	13.3%
Mile 51-100	1,133	1.9%
Mile 101-150	0	0.0%
Mile 151-200	749	1.3%
Mile 201-250	0	0.0%
Mile 251-300	218	0.4%
Mile 301-350	0	0.0%
Mile 351-400	5,673	9.5%
Mile 401-450	6,676	11.2%
Mile 451-500	9,033	15.1%
Mile 501-550	2,702	4.5%
Mile 551-600	10,022	16.8%
Mile 601-650	5,632	9.4%
Mile 651-700	541	0.9%
Mile 701-750	374	0.6%
Mile 751-800	3,474	5.8%
Mile 801-850	2,322	3.9%
Mile 851-900	1,940	3.3%
Mile 901-950	328	0.5%
Mile 951-980	929	1.6%
Unknown	0	0.0%
Total - excluding unknowns	59,670	
Total	59,670	
Upper Region	10,027	16.8%
Middle Region	40,276	67.5%
Lower Region	9,367	15.7%
Unknown	0	0.0%
Total - excluding unknowns	59,670	
Total	59,670	

Table 11.3. Swimming: Numbers of Adult and Child Participants (Combined) and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Swimming	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	21,559	5.9%	7.9%
Mile 51-100	1,133	0.3%	0.4%
Mile 101-150	2,617	0.7%	1.0%
Mile 151-200	16,993	4.7%	6.3%
Mile 201-250	1,463	0.4%	0.5%
Mile 251-300	1,681	0.5%	0.6%
Mile 301-350	16,017	4.4%	5.9%
Mile 351-400	17,538	4.8%	6.5%
Mile 401-450	10,574	2.9%	3.9%
Mile 451-500	34,019	9.4%	12.5%
Mile 501-550	12,530	3.5%	4.6%
Mile 551-600	40,039	11.0%	14.8%
Mile 601-650	11,008	3.0%	4.1%
Mile 651-700	15,172	4.2%	5.6%
Mile 701-750	19,505	5.4%	7.2%
Mile 751-800	19,473	5.4%	7.2%
Mile 801-850	8,007	2.2%	2.9%
Mile 851-900	10,819	3.0%	4.0%
Mile 901-950	8,851	2.4%	3.3%
Mile 951-980	2,440	0.7%	0.9%
Unknown	91,300	25.2%	
Total - excluding unknowns	271,437		
Total	362,738		
Upper Region	50,532	13.9%	18.6%
Middle Region	152,214	42.0%	56.1%
Lower Region	68,691	18.9%	25.3%
Unknown	91,300	25.2%	
Total - excluding unknowns	271,437		
Total	362,738		

Table 12.1. Waterskiing / Wakeboarding: Numbers of Adult Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Waterskiing / Wakeboarding	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	32,668	19.8%	22.7%
Mile 51-100	0	0.0%	0.0%
Mile 101-150	3,890	2.4%	2.7%
Mile 151-200	5,830	3.5%	4.1%
Mile 201-250	0	0.0%	0.0%
Mile 251-300	4,721	2.9%	3.3%
Mile 301-350	2,966	1.8%	2.1%
Mile 351-400	2,966	1.8%	2.1%
Mile 401-450	0	0.0%	0.0%
Mile 451-500	32,216	19.5%	22.4%
Mile 501-550	0	0.0%	0.0%
Mile 551-600	3,958	2.4%	2.8%
Mile 601-650	6,376	3.9%	4.4%
Mile 651-700	15,653	9.5%	10.9%
Mile 701-750	807	0.5%	0.6%
Mile 751-800	9,633	5.8%	6.7%
Mile 801-850	3,881	2.4%	2.7%
Mile 851-900	8,878	5.4%	6.2%
Mile 901-950	9,386	5.7%	6.5%
Mile 951-980	0	0.0%	0.0%
Unknown	21,079	12.8%	
Total - excluding unknowns	143,829		
Total	164,909		
Upper Region	47,110	28.6%	32.8%
Middle Region	63,731	38.6%	44.3%
Lower Region	32,988	20.0%	22.9%
Unknown	21,079	12.8%	
Total - excluding unknowns	143,829		
Total	164,909		

Table 12.2. Waterskiing / Wakeboarding: Numbers of Child Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Waterskiing / Wakeboarding	Percent of Total in This Section
Mile 0-50	7,855	20.7%
Mile 51-100	0	0.0%
Mile 101-150	382	1.0%
Mile 151-200	4,880	12.9%
Mile 201-250	0	0.0%
Mile 251-300	3,469	9.2%
Mile 301-350	0	0.0%
Mile 351-400	0	0.0%
Mile 401-450	1,013	2.7%
Mile 451-500	8,151	21.5%
Mile 501-550	0	0.0%
Mile 551-600	4,495	11.9%
Mile 601-650	5,632	14.9%
Mile 651-700	0	0.0%
Mile 701-750	270	0.7%
Mile 751-800	1,081	2.9%
Mile 801-850	201	0.5%
Mile 851-900	470	1.2%
Mile 901-950	0	0.0%
Mile 951-980	0	0.0%
Unknown	0	0.0%
Total - excluding unknowns	37,899	
Total	37,899	
Upper Region	16,586	43.8%
Middle Region	19,292	50.9%
Lower Region	2,022	5.3%
Unknown	0	0.0%
Total - excluding unknowns	37,899	
Total	37,899	

Table 12.3. Waterskiing / Wakeboarding: Numbers of Adult and Child Participants (Combined) and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Waterskiing / Wakeboarding	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	40,523	20.0%	22.3%
Mile 51-100	0	0.0%	0.0%
Mile 101-150	4,273	2.1%	2.4%
Mile 151-200	10,710	5.3%	5.9%
Mile 201-250	0	0.0%	0.0%
Mile 251-300	8,190	4.0%	4.5%
Mile 301-350	2,966	1.5%	1.6%
Mile 351-400	2,966	1.5%	1.6%
Mile 401-450	1,013	0.5%	0.6%
Mile 451-500	40,367	19.9%	22.2%
Mile 501-550	0	0.0%	0.0%
Mile 551-600	8,453	4.2%	4.7%
Mile 601-650	12,007	5.9%	6.6%
Mile 651-700	15,653	7.7%	8.6%
Mile 701-750	1,077	0.5%	0.6%
Mile 751-800	10,713	5.3%	5.9%
Mile 801-850	4,082	2.0%	2.2%
Mile 851-900	9,348	4.6%	5.1%
Mile 901-950	9,386	4.6%	5.2%
Mile 951-980	0	0.0%	0.0%
Unknown	21,079	10.4%	
Total - excluding unknowns	181,728		
Total	202,808		
Upper Region	63,696	31.4%	35.0%
Middle Region	83,023	40.9%	45.7%
Lower Region	35,010	17.3%	19.3%
Unknown	21,079	10.4%	
Total - excluding unknowns	181,728		
Total	202,808		

Table 13.1. Tubing: Numbers of Adult Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Tubing	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	19,856	16.9%	19.6%
Mile 51-100	0	0.0%	0.0%
Mile 101-150	5,548	4.7%	5.5%
Mile 151-200	0	0.0%	0.0%
Mile 201-250	3,947	3.4%	3.9%
Mile 251-300	4,721	4.0%	4.7%
Mile 301-350	4,693	4.0%	4.6%
Mile 351-400	2,966	2.5%	2.9%
Mile 401-450	1,910	1.6%	1.9%
Mile 451-500	13,155	11.2%	13.0%
Mile 501-550	8,065	6.9%	8.0%
Mile 551-600	10,333	8.8%	10.2%
Mile 601-650	3,188	2.7%	3.1%
Mile 651-700	7,855	6.7%	7.7%
Mile 701-750	0	0.0%	0.0%
Mile 751-800	11,123	9.5%	11.0%
Mile 801-850	1,003	0.9%	1.0%
Mile 851-900	1,003	0.9%	1.0%
Mile 901-950	2,053	1.7%	2.0%
Mile 951-980	0	0.0%	0.0%
Unknown	16,199	13.8%	
Total - excluding unknowns	101,420		
Total	117,619		
Upper Region	35,798	30.4%	35.3%
Middle Region	50,439	42.9%	49.7%
Lower Region	15,183	12.9%	15.0%
Unknown	16,199	13.8%	
Total - excluding unknowns	101,420		
Total	117,619		

Table 13.2. Tubing: Numbers of Child Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Tubing	Percent of Total in This Section
Mile 0-50	5,291	12.0%
Mile 51-100	1,133	2.6%
Mile 101-150	0	0.0%
Mile 151-200	4,880	11.1%
Mile 201-250	0	0.0%
Mile 251-300	6,354	14.5%
Mile 301-350	0	0.0%
Mile 351-400	0	0.0%
Mile 401-450	6,805	15.5%
Mile 451-500	7,672	17.5%
Mile 501-550	2,702	6.1%
Mile 551-600	1,321	3.0%
Mile 601-650	5,632	12.8%
Mile 651-700	0	0.0%
Mile 701-750	0	0.0%
Mile 751-800	1,197	2.7%
Mile 801-850	625	1.4%
Mile 851-900	0	0.0%
Mile 901-950	328	0.7%
Mile 951-980	0	0.0%
Unknown	0	0.0%
Total - excluding unknowns	43,940	
Total	43,940	
Upper Region	17,658	40.2%
Middle Region	24,132	54.9%
Lower Region	2,150	4.9%
Unknown	0	0.0%
Total - excluding unknowns	43,940	
Total	43,940	

Table 13.3. Tubing: Numbers of Adult and Child Participants (Combined) and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Tubing	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	25,147	15.6%	17.3%
Mile 51-100	1,133	0.7%	0.8%
Mile 101-150	5,548	3.4%	3.8%
Mile 151-200	4,880	3.0%	3.4%
Mile 201-250	3,947	2.4%	2.7%
Mile 251-300	11,075	6.9%	7.6%
Mile 301-350	4,693	2.9%	3.2%
Mile 351-400	2,966	1.8%	2.0%
Mile 401-450	8,716	5.4%	6.0%
Mile 451-500	20,827	12.9%	14.3%
Mile 501-550	10,767	6.7%	7.4%
Mile 551-600	11,655	7.2%	8.0%
Mile 601-650	8,820	5.5%	6.1%
Mile 651-700	7,855	4.9%	5.4%
Mile 701-750	0	0.0%	0.0%
Mile 751-800	12,320	7.6%	8.5%
Mile 801-850	1,628	1.0%	1.1%
Mile 851-900	1,003	0.6%	0.7%
Mile 901-950	2,381	1.5%	1.6%
Mile 951-980	0	0.0%	0.0%
Unknown	16,199	10.0%	
Total - excluding unknowns	145,361		
Total	161,560		
Upper Region	53,457	33.1%	36.8%
Middle Region	74,571	46.2%	51.3%
Lower Region	17,333	10.7%	11.9%
Unknown	16,199	10.0%	
Total - excluding unknowns	145,361		
Total	161,560		

Table 14.1. Diving: Numbers of Adult Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Diving	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	0	0.0%	0.0%
Mile 51-100	0	0.0%	0.0%
Mile 101-150	0	0.0%	0.0%
Mile 151-200	0	0.0%	0.0%
Mile 201-250	0	0.0%	0.0%
Mile 251-300	0	0.0%	0.0%
Mile 301-350	0	0.0%	0.0%
Mile 351-400	0	0.0%	0.0%
Mile 401-450	0	0.0%	0.0%
Mile 451-500	10,459	36.3%	54.2%
Mile 501-550	0	0.0%	0.0%
Mile 551-600	0	0.0%	0.0%
Mile 601-650	0	0.0%	0.0%
Mile 651-700	0	0.0%	0.0%
Mile 701-750	0	0.0%	0.0%
Mile 751-800	2,292	8.0%	11.9%
Mile 801-850	0	0.0%	0.0%
Mile 851-900	0	0.0%	0.0%
Mile 901-950	863	3.0%	4.5%
Mile 951-980	5,682	19.7%	29.4%
Unknown	9,486	33.0%	
Total - excluding unknowns	19,296		
Total	28,782		
Upper Region	0	0.0%	0.0%
Middle Region	10,459	36.3%	54.2%
Lower Region	8,837	30.7%	45.8%
Unknown	9,486	33.0%	
Total - excluding unknowns	19,296		
Total	28,782		

Table 14.2. Diving: Numbers of Child Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Diving	Percent of Total in This Section
Mile 0-50	0	0.0%
Mile 51-100	0	0.0%
Mile 101-150	0	0.0%
Mile 151-200	0	0.0%
Mile 201-250	0	0.0%
Mile 251-300	218	3.5%
Mile 301-350	0	0.0%
Mile 351-400	0	0.0%
Mile 401-450	5,775	91.6%
Mile 451-500	0	0.0%
Mile 501-550	0	0.0%
Mile 551-600	0	0.0%
Mile 601-650	0	0.0%
Mile 651-700	0	0.0%
Mile 701-750	0	0.0%
Mile 751-800	0	0.0%
Mile 801-850	0	0.0%
Mile 851-900	313	5.0%
Mile 901-950	0	0.0%
Mile 951-980	0	0.0%
Unknown	0	0.0%
Total - excluding unknowns	6,306	
Total	6,306	
Upper Region	218	3.5%
Middle Region	5,775	91.6%
Lower Region	313	5.0%
Unknown	0	0.0%
Total - excluding unknowns	6,306	
Total	6,306	

Table 14.3. Diving: Numbers of Adult and Child Participants (Combined) and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Diving	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	0	0.0%	0.0%
Mile 51-100	0	0.0%	0.0%
Mile 101-150	0	0.0%	0.0%
Mile 151-200	0	0.0%	0.0%
Mile 201-250	0	0.0%	0.0%
Mile 251-300	218	0.6%	0.9%
Mile 301-350	0	0.0%	0.0%
Mile 351-400	0	0.0%	0.0%
Mile 401-450	5,775	16.5%	22.6%
Mile 451-500	10,459	29.8%	40.9%
Mile 501-550	0	0.0%	0.0%
Mile 551-600	0	0.0%	0.0%
Mile 601-650	0	0.0%	0.0%
Mile 651-700	0	0.0%	0.0%
Mile 701-750	0	0.0%	0.0%
Mile 751-800	2,292	6.5%	9.0%
Mile 801-850	0	0.0%	0.0%
Mile 851-900	313	0.9%	1.2%
Mile 901-950	863	2.5%	3.4%
Mile 951-980	5,682	16.2%	22.2%
Unknown	9,486	27.0%	
Total - excluding unknowns	25,602		
Total	35,088		
Upper Region	218	0.6%	0.9%
Middle Region	16,234	46.3%	63.4%
Lower Region	9,150	26.1%	35.7%
Unknown	9,486	27.0%	
Total - excluding unknowns	25,602		
Total	35,088		

Table 15.1. Operating Personal Watercraft: Numbers of Adult Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Operating a Personal Watercraft	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	10,124	5.8%	8.1%
Mile 51-100	0	0.0%	0.0%
Mile 101-150	1,943	1.1%	1.6%
Mile 151-200	14,020	8.0%	11.3%
Mile 201-250	2,631	1.5%	2.1%
Mile 251-300	0	0.0%	0.0%
Mile 301-350	10,948	6.2%	8.8%
Mile 351-400	4,177	2.4%	3.4%
Mile 401-450	7,360	4.2%	5.9%
Mile 451-500	24,667	14.1%	19.8%
Mile 501-550	8,065	4.6%	6.5%
Mile 551-600	3,082	1.8%	2.5%
Mile 601-650	13,501	7.7%	10.9%
Mile 651-700	3,489	2.0%	2.8%
Mile 701-750	2,025	1.2%	1.6%
Mile 751-800	571	0.3%	0.5%
Mile 801-850	4,421	2.5%	3.6%
Mile 851-900	1,313	0.7%	1.1%
Mile 901-950	11,994	6.8%	9.6%
Mile 951-980	0	0.0%	0.0%
Unknown	51,066	29.1%	
Total - excluding unknowns	124,331		
Total	175,397		
Upper Region	36,700	20.9%	29.5%
Middle Region	67,307	38.4%	54.1%
Lower Region	20,323	11.6%	16.3%
Unknown	51,066	29.1%	
Total - excluding unknowns	124,331		
Total	175,397		

Table 15.2. Operating Personal Watercraft: Numbers of Child Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Operating a Personal Watercraft	Percent of Total in This Section
Mile 0-50	0	0.0%
Mile 51-100	0	0.0%
Mile 101-150	0	0.0%
Mile 151-200	749	3.3%
Mile 201-250	0	0.0%
Mile 251-300	218	1.0%
Mile 301-350	590	2.6%
Mile 351-400	0	0.0%
Mile 401-450	0	0.0%
Mile 451-500	11,349	50.1%
Mile 501-550	0	0.0%
Mile 551-600	4,844	21.4%
Mile 601-650	3,174	14.0%
Mile 651-700	0	0.0%
Mile 701-750	451	2.0%
Mile 751-800	0	0.0%
Mile 801-850	928	4.1%
Mile 851-900	0	0.0%
Mile 901-950	328	1.4%
Mile 951-980	0	0.0%
Unknown	0	0.0%
Total - excluding unknowns	22,631	
Total	22,631	
Upper Region	1,557	6.9%
Middle Region	19,367	85.6%
Lower Region	1,707	7.5%
Unknown	0	0.0%
Total - excluding unknowns	22,631	
Total	22,631	

Table 15.3. Operating Personal Watercraft: Numbers of Adult and Child Participants (Combined) and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Operating a Personal Watercraft	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	10,124	5.1%	6.9%
Mile 51-100	0	0.0%	0.0%
Mile 101-150	1,943	1.0%	1.3%
Mile 151-200	14,769	7.5%	10.0%
Mile 201-250	2,631	1.3%	1.8%
Mile 251-300	218	0.1%	0.1%
Mile 301-350	11,538	5.8%	7.9%
Mile 351-400	4,177	2.1%	2.8%
Mile 401-450	7,360	3.7%	5.0%
Mile 451-500	36,016	18.2%	24.5%
Mile 501-550	8,065	4.1%	5.5%
Mile 551-600	7,925	4.0%	5.4%
Mile 601-650	16,675	8.4%	11.3%
Mile 651-700	3,489	1.8%	2.4%
Mile 701-750	2,475	1.2%	1.7%
Mile 751-800	571	0.3%	0.4%
Mile 801-850	5,349	2.7%	3.6%
Mile 851-900	1,313	0.7%	0.9%
Mile 901-950	12,322	6.2%	8.4%
Mile 951-980	0	0.0%	0.0%
Unknown	51,066	25.8%	
Total - excluding unknowns	146,962		
Total	198,028		
Upper Region	38,258	19.3%	26.0%
Middle Region	86,674	43.8%	59.0%
Lower Region	22,030	11.1%	15.0%
Unknown	51,066	25.8%	
Total - excluding unknowns	146,962		
Total	198,028		

Table 16.1. Kayaking: Numbers of Adult Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Kayaking	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	29,403	67.2%	67.2%
Mile 51-100	0	0.0%	0.0%
Mile 101-150	0	0.0%	0.0%
Mile 151-200	0	0.0%	0.0%
Mile 201-250	0	0.0%	0.0%
Mile 251-300	0	0.0%	0.0%
Mile 301-350	3,147	7.2%	7.2%
Mile 351-400	2,966	6.8%	6.8%
Mile 401-450	2,394	5.5%	5.5%
Mile 451-500	4,788	10.9%	10.9%
Mile 501-550	0	0.0%	0.0%
Mile 551-600	0	0.0%	0.0%
Mile 601-650	0	0.0%	0.0%
Mile 651-700	0	0.0%	0.0%
Mile 701-750	403	0.9%	0.9%
Mile 751-800	647	1.5%	1.5%
Mile 801-850	0	0.0%	0.0%
Mile 851-900	0	0.0%	0.0%
Mile 901-950	0	0.0%	0.0%
Mile 951-980	0	0.0%	0.0%
Unknown	0	0.0%	
Total - excluding unknowns	43,748		
Total	43,748		
Upper Region	32,550	74.4%	74.4%
Middle Region	10,148	23.2%	23.2%
Lower Region	1,051	2.4%	2.4%
Unknown	0	0.0%	
Total - excluding unknowns	43,748		
Total	43,748		

Table 16.2. Kayaking: Numbers of Child Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Kayaking	Percent of Total in This Section
Mile 0-50	7,055	66.9%
Mile 51-100	0	0.0%
Mile 101-150	0	0.0%
Mile 151-200	0	0.0%
Mile 201-250	0	0.0%
Mile 251-300	0	0.0%
Mile 301-350	1,198	11.4%
Mile 351-400	0	0.0%
Mile 401-450	0	0.0%
Mile 451-500	2,026	19.2%
Mile 501-550	0	0.0%
Mile 551-600	0	0.0%
Mile 601-650	0	0.0%
Mile 651-700	0	0.0%
Mile 701-750	270	2.6%
Mile 751-800	0	0.0%
Mile 801-850	0	0.0%
Mile 851-900	0	0.0%
Mile 901-950	0	0.0%
Mile 951-980	0	0.0%
Unknown	0	0.0%
Total - excluding unknowns	10,549	
Total	10,549	
Upper Region	7,055	66.9%
Middle Region	3,224	30.6%
Lower Region	270	2.6%
Unknown	0	0.0%
Total - excluding unknowns	10,549	
Total	10,549	

Table 16.3. Kayaking: Numbers of Adult and Child Participants (Combined) and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Kayaking	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	36,458	67.1%	67.1%
Mile 51-100	0	0.0%	0.0%
Mile 101-150	0	0.0%	0.0%
Mile 151-200	0	0.0%	0.0%
Mile 201-250	0	0.0%	0.0%
Mile 251-300	0	0.0%	0.0%
Mile 301-350	4,345	8.0%	8.0%
Mile 351-400	2,966	5.5%	5.5%
Mile 401-450	2,394	4.4%	4.4%
Mile 451-500	6,814	12.5%	12.5%
Mile 501-550	0	0.0%	0.0%
Mile 551-600	0	0.0%	0.0%
Mile 601-650	0	0.0%	0.0%
Mile 651-700	0	0.0%	0.0%
Mile 701-750	674	1.2%	1.2%
Mile 751-800	647	1.2%	1.2%
Mile 801-850	0	0.0%	0.0%
Mile 851-900	0	0.0%	0.0%
Mile 901-950	0	0.0%	0.0%
Mile 951-980	0	0.0%	0.0%
Unknown	0	0.0%	
Total - excluding unknowns	54,297		
Total	54,297		
Upper Region	39,604	72.9%	72.9%
Middle Region	13,372	24.6%	24.6%
Lower Region	1,321	2.4%	2.4%
Unknown	0	0.0%	
Total - excluding unknowns	54,297		
Total	43,748		

Table 17.1. Wading: Numbers of Adult Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Wading	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	6,816	3.1%	5.8%
Mile 51-100	0	0.0%	0.0%
Mile 101-150	8,891	4.1%	7.6%
Mile 151-200	2,593	1.2%	2.2%
Mile 201-250	0	0.0%	0.0%
Mile 251-300	6,731	3.1%	5.8%
Mile 301-350	6,113	2.8%	5.2%
Mile 351-400	11,865	5.4%	10.2%
Mile 401-450	1,910	0.9%	1.6%
Mile 451-500	16,183	7.4%	13.9%
Mile 501-550	0	0.0%	0.0%
Mile 551-600	20,668	9.4%	17.7%
Mile 601-650	6,396	2.9%	5.5%
Mile 651-700	859	0.4%	0.7%
Mile 701-750	2,193	1.0%	1.9%
Mile 751-800	9,076	4.1%	7.8%
Mile 801-850	1,679	0.8%	1.4%
Mile 851-900	3,397	1.5%	2.9%
Mile 901-950	9,714	4.4%	8.3%
Mile 951-980	1,512	0.7%	1.3%
Unknown	102,898	46.9%	
Total - excluding unknowns	116,595		
Total	219,493		
Upper Region	28,178	12.8%	24.2%
Middle Region	60,847	27.7%	52.2%
Lower Region	27,570	12.6%	23.6%
Unknown	102,898	46.9%	
Total - excluding unknowns	116,595		
Total	219,493		

Table 17.2. Wading: Numbers of Child Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Wading	Percent of Total in This Section
Mile 0-50	8,729	17.1%
Mile 51-100	1,133	2.2%
Mile 101-150	1,518	3.0%
Mile 151-200	0	0.0%
Mile 201-250	0	0.0%
Mile 251-300	218	0.4%
Mile 301-350	0	0.0%
Mile 351-400	18,181	35.6%
Mile 401-450	5,775	11.3%
Mile 451-500	162	0.3%
Mile 501-550	2,702	5.3%
Mile 551-600	4,844	9.5%
Mile 601-650	2,217	4.3%
Mile 651-700	1,546	3.0%
Mile 701-750	180	0.4%
Mile 751-800	590	1.2%
Mile 801-850	1,110	2.2%
Mile 851-900	980	1.9%
Mile 901-950	328	0.6%
Mile 951-980	929	1.8%
Unknown	0	0.0%
Total - excluding unknowns	51,140	
Total	51,140	
Upper Region	11,598	22.7%
Middle Region	33,880	66.2%
Lower Region	5,663	11.1%
Unknown	0	0.0%
Total - excluding unknowns	51,140	
Total	51,140	

Table 17.3. Wading: Numbers of Adult and Child Participants (Combined) and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Wading	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	15,544	5.7%	9.3%
Mile 51-100	1,133	0.4%	0.7%
Mile 101-150	10,409	3.8%	6.2%
Mile 151-200	2,593	1.0%	1.5%
Mile 201-250	0	0.0%	0.0%
Mile 251-300	6,949	2.6%	4.1%
Mile 301-350	6,113	2.3%	3.6%
Mile 351-400	30,046	11.1%	17.9%
Mile 401-450	7,685	2.8%	4.6%
Mile 451-500	16,345	6.0%	9.7%
Mile 501-550	2,702	1.0%	1.6%
Mile 551-600	25,511	9.4%	15.2%
Mile 601-650	8,613	3.2%	5.1%
Mile 651-700	2,405	0.9%	1.4%
Mile 701-750	2,373	0.9%	1.4%
Mile 751-800	9,666	3.6%	5.8%
Mile 801-850	2,789	1.0%	1.7%
Mile 851-900	4,377	1.6%	2.6%
Mile 901-950	10,042	3.7%	6.0%
Mile 951-980	2,440	0.9%	1.5%
Unknown	102,898	38.0%	
Total - excluding unknowns	167,736		
Total	270,634		
Upper Region	39,776	14.7%	23.7%
Middle Region	94,727	35.0%	56.5%
Lower Region	33,233	12.3%	19.8%
Unknown	102,898	38.0%	
Total - excluding unknowns	167,736		
Total	270,634		

Table 18.1. Fishing: Numbers of Adult Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Fishing	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	79,178	8.2%	10.6%
Mile 51-100	34,140	3.6%	4.6%
Mile 101-150	43,301	4.5%	5.8%
Mile 151-200	37,720	3.9%	5.0%
Mile 201-250	40,891	4.3%	5.5%
Mile 251-300	35,583	3.7%	4.8%
Mile 301-350	69,337	7.2%	9.3%
Mile 351-400	40,915	4.3%	5.5%
Mile 401-450	42,617	4.4%	5.7%
Mile 451-500	52,108	5.4%	7.0%
Mile 501-550	20,293	2.1%	2.7%
Mile 551-600	52,918	5.5%	7.1%
Mile 601-650	64,277	6.7%	8.6%
Mile 651-700	9,171	1.0%	1.2%
Mile 701-750	22,998	2.4%	3.1%
Mile 751-800	18,439	1.9%	2.5%
Mile 801-850	10,513	1.1%	1.4%
Mile 851-900	20,107	2.1%	2.7%
Mile 901-950	42,504	4.4%	5.7%
Mile 951-980	10,584	1.1%	1.4%
Unknown	212,652	22.1%	
Total - excluding unknowns	747,595		
Total	960,246		
Upper Region	316,495	33.0%	42.3%
Middle Region	304,483	31.7%	40.7%
Lower Region	126,617	13.2%	16.9%
Unknown	212,652	22.1%	
Total - excluding unknowns	747,595		
Total	960,246		

Table 18.2. Fishing: Numbers of Child Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Fishing	Percent of Total in This Section
Mile 0-50	23,607	21.3%
Mile 51-100	3,036	2.7%
Mile 101-150	2,932	2.7%
Mile 151-200	7,934	7.2%
Mile 201-250	1,650	1.5%
Mile 251-300	5,936	5.4%
Mile 301-350	3,758	3.4%
Mile 351-400	10,392	9.4%
Mile 401-450	11,550	10.4%
Mile 451-500	12,369	11.2%
Mile 501-550	619	0.6%
Mile 551-600	4,423	4.0%
Mile 601-650	12,603	11.4%
Mile 651-700	2,483	2.2%
Mile 701-750	1,198	1.1%
Mile 751-800	605	0.5%
Mile 801-850	2,122	1.9%
Mile 851-900	828	0.7%
Mile 901-950	1,627	1.5%
Mile 951-980	929	0.8%
Unknown	0	0.0%
Total - excluding unknowns	110,601	
Total	110,601	
Upper Region	46,224	41.8%
Middle Region	54,997	49.7%
Lower Region	9,379	8.5%
Unknown	0	0.0%
Total - excluding unknowns	110,601	
Total	110,601	

Table 18.3. Fishing: Numbers of Adult and Child Participants (Combined) and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Fishing	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	102,785	9.6%	12.0%
Mile 51-100	37,176	3.5%	4.3%
Mile 101-150	46,233	4.3%	5.4%
Mile 151-200	45,653	4.3%	5.3%
Mile 201-250	42,541	4.0%	5.0%
Mile 251-300	41,519	3.9%	4.8%
Mile 301-350	73,095	6.8%	8.5%
Mile 351-400	51,307	4.8%	6.0%
Mile 401-450	54,167	5.1%	6.3%
Mile 451-500	64,477	6.0%	7.5%
Mile 501-550	20,912	2.0%	2.4%
Mile 551-600	57,341	5.4%	6.7%
Mile 601-650	76,880	7.2%	9.0%
Mile 651-700	11,654	1.1%	1.4%
Mile 701-750	24,197	2.3%	2.8%
Mile 751-800	19,044	1.8%	2.2%
Mile 801-850	12,635	1.2%	1.5%
Mile 851-900	20,934	2.0%	2.4%
Mile 901-950	44,131	4.1%	5.1%
Mile 951-980	11,512	1.1%	1.3%
Unknown	212,652	19.9%	
Total - excluding unknowns	858,196		
Total	1,070,847		
Upper Region	362,719	33.9%	42.3%
Middle Region	359,480	33.6%	41.9%
Lower Region	135,996	12.7%	15.8%
Unknown	212,652	19.9%	
Total - excluding unknowns	858,196		
Total	1,070,847		

Table 19.1. Hunting: Numbers of Adult Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Hunting	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	0	0.0%	0.0%
Mile 51-100	0	0.0%	0.0%
Mile 101-150	0	0.0%	0.0%
Mile 151-200	0	0.0%	0.0%
Mile 201-250	0	0.0%	0.0%
Mile 251-300	0	0.0%	0.0%
Mile 301-350	1,573	18.6%	18.6%
Mile 351-400	0	0.0%	0.0%
Mile 401-450	0	0.0%	0.0%
Mile 451-500	1,560	18.5%	18.5%
Mile 501-550	0	0.0%	0.0%
Mile 551-600	0	0.0%	0.0%
Mile 601-650	0	0.0%	0.0%
Mile 651-700	0	0.0%	0.0%
Mile 701-750	807	9.5%	9.5%
Mile 751-800	0	0.0%	0.0%
Mile 801-850	0	0.0%	0.0%
Mile 851-900	1,351	16.0%	16.0%
Mile 901-950	3,159	37.4%	37.4%
Mile 951-980	0	0.0%	0.0%
Unknown	0	0.0%	
Total - excluding unknowns	8,450		
Total	8,450		
Upper Region	1,573	18.6%	18.6%
Middle Region	1,560	18.5%	18.5%
Lower Region	5,317	62.9%	62.9%
Unknown	0	0.0%	
Total - excluding unknowns	8,450		
Total	8,450		

Table 19.2. Hunting: Numbers of Child Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Hunting	Percent of Total in This Section
Mile 0-50	0	0.0%
Mile 51-100	0	0.0%
Mile 101-150	0	0.0%
Mile 151-200	335	49.8%
Mile 201-250	0	0.0%
Mile 251-300	0	0.0%
Mile 301-350	0	0.0%
Mile 351-400	0	0.0%
Mile 401-450	0	0.0%
Mile 451-500	0	0.0%
Mile 501-550	0	0.0%
Mile 551-600	0	0.0%
Mile 601-650	0	0.0%
Mile 651-700	0	0.0%
Mile 701-750	0	0.0%
Mile 751-800	0	0.0%
Mile 801-850	0	0.0%
Mile 851-900	0	0.0%
Mile 901-950	338	50.2%
Mile 951-980	0	0.0%
Unknown	0	0.0%
Total - excluding unknowns	673	
Total	673	
Upper Region	335	49.8%
Middle Region	0	0.0%
Lower Region	338	50.2%
Unknown	0	0.0%
Total - excluding unknowns	673	
Total	673	

Table 19.3. Hunting: Numbers of Adult and Child Participants (Combined) and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Hunting	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	0	0.0%	0.0%
Mile 51-100	0	0.0%	0.0%
Mile 101-150	0	0.0%	0.0%
Mile 151-200	335	3.7%	3.7%
Mile 201-250	0	0.0%	0.0%
Mile 251-300	0	0.0%	0.0%
Mile 301-350	1,573	17.2%	17.2%
Mile 351-400	0	0.0%	0.0%
Mile 401-450	0	0.0%	0.0%
Mile 451-500	1,560	17.1%	17.1%
Mile 501-550	0	0.0%	0.0%
Mile 551-600	0	0.0%	0.0%
Mile 601-650	0	0.0%	0.0%
Mile 651-700	0	0.0%	0.0%
Mile 701-750	807	8.8%	8.8%
Mile 751-800	0	0.0%	0.0%
Mile 801-850	0	0.0%	0.0%
Mile 851-900	1,351	14.8%	14.8%
Mile 901-950	3,497	38.3%	38.3%
Mile 951-980	0	0.0%	0.0%
Unknown	0	0.0%	
Total - excluding unknowns	9,123		
Total	9,123		
Upper Region	1,908	20.9%	20.9%
Middle Region	1,560	17.1%	17.1%
Lower Region	5,655	62.0%	62.0%
Unknown	0	0.0%	
Total - excluding unknowns	9,123		
Total	9,123		

Table 20.1. Power Boating: Numbers of Adult Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Power Boating	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	78,636	13.6%	16.7%
Mile 51-100	14,596	2.5%	3.1%
Mile 101-150	9,573	1.7%	2.0%
Mile 151-200	17,303	3.0%	3.7%
Mile 201-250	14,273	2.5%	3.0%
Mile 251-300	10,042	1.7%	2.1%
Mile 301-350	28,791	5.0%	6.1%
Mile 351-400	19,170	3.3%	4.1%
Mile 401-450	24,523	4.3%	5.2%
Mile 451-500	85,863	14.9%	18.2%
Mile 501-550	2,394	0.4%	0.5%
Mile 551-600	33,979	5.9%	7.2%
Mile 601-650	18,387	3.2%	3.9%
Mile 651-700	12,217	2.1%	2.6%
Mile 701-750	2,107	0.4%	0.4%
Mile 751-800	29,611	5.1%	6.3%
Mile 801-850	10,011	1.7%	2.1%
Mile 851-900	25,301	4.4%	5.4%
Mile 901-950	26,722	4.6%	5.7%
Mile 951-980	8,359	1.4%	1.8%
Unknown	104,827	18.2%	
Total - excluding unknowns	471,857		
Total	576,685		
Upper Region	161,982	28.1%	34.3%
Middle Region	206,916	35.9%	43.9%
Lower Region	102,960	17.9%	21.8%
Unknown	104,827	18.2%	
Total - excluding unknowns	471,857		
Total	576,685		

Table 20.2. Power Boating: Numbers of Child Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Power Boating	Percent of Total in This Section
Mile 0-50	16,393	15.5%
Mile 51-100	1,133	1.1%
Mile 101-150	0	0.0%
Mile 151-200	3,935	3.7%
Mile 201-250	679	0.6%
Mile 251-300	3,469	3.3%
Mile 301-350	3,640	3.4%
Mile 351-400	1,891	1.8%
Mile 401-450	9,938	9.4%
Mile 451-500	30,450	28.8%
Mile 501-550	2,702	2.6%
Mile 551-600	4,183	4.0%
Mile 601-650	11,744	11.1%
Mile 651-700	799	0.8%
Mile 701-750	374	0.4%
Mile 751-800	8,267	7.8%
Mile 801-850	2,910	2.8%
Mile 851-900	1,940	1.8%
Mile 901-950	1,116	1.1%
Mile 951-980	0	0.0%
Unknown	0	0.0%
Total - excluding unknowns	105,561	
Total	105,561	
Upper Region	29,249	27.7%
Middle Region	60,907	57.7%
Lower Region	15,406	14.6%
Unknown	0	0.0%
Total - excluding unknowns	105,561	
Total	105,561	

Table 20.3. Power Boating: Numbers of Adult and Child Participants (Combined) and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Power Boating	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	95,029	13.9%	16.5%
Mile 51-100	15,729	2.3%	2.7%
Mile 101-150	9,573	1.4%	1.7%
Mile 151-200	21,238	3.1%	3.7%
Mile 201-250	14,952	2.2%	2.6%
Mile 251-300	13,511	2.0%	2.3%
Mile 301-350	32,431	4.8%	5.6%
Mile 351-400	21,061	3.1%	3.6%
Mile 401-450	34,461	5.1%	6.0%
Mile 451-500	116,313	17.0%	20.1%
Mile 501-550	5,096	0.7%	0.9%
Mile 551-600	38,162	5.6%	6.6%
Mile 601-650	30,130	4.4%	5.2%
Mile 651-700	13,016	1.9%	2.3%
Mile 701-750	2,480	0.4%	0.4%
Mile 751-800	37,878	5.6%	6.6%
Mile 801-850	12,921	1.9%	2.2%
Mile 851-900	27,242	4.0%	4.7%
Mile 901-950	27,838	4.1%	4.8%
Mile 951-980	8,359	1.2%	1.4%
Unknown	104,827	15.4%	
Total - excluding unknowns	577,419		
Total	682,246		
Upper Region	191,230	28.0%	33.1%
Middle Region	267,823	39.3%	46.4%
Lower Region	118,366	17.3%	20.5%
Unknown	104,827	15.4%	
Total - excluding unknowns	577,419		
Total	682,246		

Table 21.1. Canoeing: Numbers of Adult Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Canoeing	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	0	0.0%	0.0%
Mile 51-100	0	0.0%	0.0%
Mile 101-150	790	2.7%	4.8%
Mile 151-200	0	0.0%	0.0%
Mile 201-250	0	0.0%	0.0%
Mile 251-300	0	0.0%	0.0%
Mile 301-350	0	0.0%	0.0%
Mile 351-400	2,966	10.3%	18.1%
Mile 401-450	0	0.0%	0.0%
Mile 451-500	7,266	25.2%	44.3%
Mile 501-550	0	0.0%	0.0%
Mile 551-600	0	0.0%	0.0%
Mile 601-650	0	0.0%	0.0%
Mile 651-700	0	0.0%	0.0%
Mile 701-750	1,464	5.1%	8.9%
Mile 751-800	1,079	3.7%	6.6%
Mile 801-850	0	0.0%	0.0%
Mile 851-900	0	0.0%	0.0%
Mile 901-950	2,841	9.9%	17.3%
Mile 951-980	0	0.0%	0.0%
Unknown	12,393	43.0%	
Total - excluding unknowns	16,407		
Total	28,799		
Upper Region	790	2.7%	4.8%
Middle Region	10,232	35.5%	62.4%
Lower Region	5,385	18.7%	32.8%
Unknown	12,393	43.0%	
Total - excluding unknowns	16,407		
Total	28,799		

Table 21.2. Canoeing: Numbers of Child Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Canoeing	Percent of Total in This Section
Mile 0-50	5,364	34.7%
Mile 51-100	0	0.0%
Mile 101-150	0	0.0%
Mile 151-200	0	0.0%
Mile 201-250	0	0.0%
Mile 251-300	0	0.0%
Mile 301-350	0	0.0%
Mile 351-400	0	0.0%
Mile 401-450	0	0.0%
Mile 451-500	8,228	53.3%
Mile 501-550	0	0.0%
Mile 551-600	0	0.0%
Mile 601-650	0	0.0%
Mile 651-700	0	0.0%
Mile 701-750	270	1.8%
Mile 751-800	1,249	8.1%
Mile 801-850	0	0.0%
Mile 851-900	0	0.0%
Mile 901-950	328	2.1%
Mile 951-980	0	0.0%
Unknown	0	0.0%
Total - excluding unknowns	15,440	
Total	15,440	
Upper Region	5,364	34.7%
Middle Region	8,228	53.3%
Lower Region	1,848	12.0%
Unknown	0	0.0%
Total - excluding unknowns	15,440	
Total	15,440	

Table 21.3. Canoeing: Numbers of Adult and Child Participants (Combined) and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Canoeing	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	5,364	12.1%	16.8%
Mile 51-100	0	0.0%	0.0%
Mile 101-150	790	1.8%	2.5%
Mile 151-200	0	0.0%	0.0%
Mile 201-250	0	0.0%	0.0%
Mile 251-300	0	0.0%	0.0%
Mile 301-350	0	0.0%	0.0%
Mile 351-400	2,966	6.7%	9.3%
Mile 401-450	0	0.0%	0.0%
Mile 451-500	15,494	35.0%	48.7%
Mile 501-550	0	0.0%	0.0%
Mile 551-600	0	0.0%	0.0%
Mile 601-650	0	0.0%	0.0%
Mile 651-700	0	0.0%	0.0%
Mile 701-750	1,735	3.9%	5.4%
Mile 751-800	2,329	5.3%	7.3%
Mile 801-850	0	0.0%	0.0%
Mile 851-900	0	0.0%	0.0%
Mile 901-950	3,169	7.2%	10.0%
Mile 951-980	0	0.0%	0.0%
Unknown	12,393	28.0%	
Total - excluding unknowns	31,846		
Total	44,239		
Upper Region	6,153	13.9%	19.3%
Middle Region	18,461	41.7%	58.0%
Lower Region	7,232	16.3%	22.7%
Unknown	12,393	28.0%	
Total - excluding unknowns	31,846		
Total	44,239		

Table 22.1. Sailing: Numbers of Adult Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Sailing	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	0	0.0%	0.0%
Mile 51-100	0	0.0%	0.0%
Mile 101-150	0	0.0%	0.0%
Mile 151-200	0	0.0%	0.0%
Mile 201-250	0	0.0%	0.0%
Mile 251-300	0	0.0%	0.0%
Mile 301-350	0	0.0%	0.0%
Mile 351-400	0	0.0%	0.0%
Mile 401-450	0	0.0%	0.0%
Mile 451-500	8,340	53.8%	56.7%
Mile 501-550	0	0.0%	0.0%
Mile 551-600	6,376	41.1%	43.3%
Mile 601-650	0	0.0%	0.0%
Mile 651-700	0	0.0%	0.0%
Mile 701-750	0	0.0%	0.0%
Mile 751-800	0	0.0%	0.0%
Mile 801-850	0	0.0%	0.0%
Mile 851-900	0	0.0%	0.0%
Mile 901-950	0	0.0%	0.0%
Mile 951-980	0	0.0%	0.0%
Unknown	801	5.2%	
Total - excluding unknowns	14,716		
Total	15,517		
Upper Region	0	0.0%	0.0%
Middle Region	14,716	94.8%	100.0%
Lower Region	0	0.0%	0.0%
Unknown	801	5.2%	
Total - excluding unknowns	14,716		
Total	15,517		

Table 22.2. Sailing: Numbers of Child Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Sailing	Percent of Total in This Section
Mile 0-50	0	0.0%
Mile 51-100	0	0.0%
Mile 101-150	0	0.0%
Mile 151-200	0	0.0%
Mile 201-250	0	0.0%
Mile 251-300	0	0.0%
Mile 301-350	0	0.0%
Mile 351-400	0	0.0%
Mile 401-450	0	0.0%
Mile 451-500	2,026	46.0%
Mile 501-550	0	0.0%
Mile 551-600	0	0.0%
Mile 601-650	0	0.0%
Mile 651-700	0	0.0%
Mile 701-750	0	0.0%
Mile 751-800	2,381	54.0%
Mile 801-850	0	0.0%
Mile 851-900	0	0.0%
Mile 901-950	0	0.0%
Mile 951-980	0	0.0%
Unknown	0	0.0%
Total - excluding unknowns	4,407	
Total	4,407	
Upper Region	0	0.0%
Middle Region	2,026	46.0%
Lower Region	2,381	54.0%
Unknown	0	0.0%
Total - excluding unknowns	4,407	
Total	4,407	

Table 22.3. Sailing: Numbers of Adult and Child Participants (Combined) and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Sailing	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	0	0.0%	0.0%
Mile 51-100	0	0.0%	0.0%
Mile 101-150	0	0.0%	0.0%
Mile 151-200	0	0.0%	0.0%
Mile 201-250	0	0.0%	0.0%
Mile 251-300	0	0.0%	0.0%
Mile 301-350	0	0.0%	0.0%
Mile 351-400	0	0.0%	0.0%
Mile 401-450	0	0.0%	0.0%
Mile 451-500	10,367	52.0%	54.2%
Mile 501-550	0	0.0%	0.0%
Mile 551-600	6,376	32.0%	33.3%
Mile 601-650	0	0.0%	0.0%
Mile 651-700	0	0.0%	0.0%
Mile 701-750	0	0.0%	0.0%
Mile 751-800	2,381	11.9%	12.4%
Mile 801-850	0	0.0%	0.0%
Mile 851-900	0	0.0%	0.0%
Mile 901-950	0	0.0%	0.0%
Mile 951-980	0	0.0%	0.0%
Unknown	801	4.0%	
Total - excluding unknowns	19,123		
Total	19,924		
Upper Region	0	0.0%	0.0%
Middle Region	16,742	84.0%	87.6%
Lower Region	2,381	11.9%	12.4%
Unknown	801	4.0%	
Total - excluding unknowns	19,123		
Total	19,924		

Table 23.1. Other Activities: Numbers of Adult Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Other Activities (With Likely Contact)	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	0	0.0%	0.0%
Mile 51-100	6,376	28.9%	30.8%
Mile 101-150	0	0.0%	0.0%
Mile 151-200	8,446	38.3%	40.9%
Mile 201-250	0	0.0%	0.0%
Mile 251-300	0	0.0%	0.0%
Mile 301-350	0	0.0%	0.0%
Mile 351-400	0	0.0%	0.0%
Mile 401-450	0	0.0%	0.0%
Mile 451-500	2,016	9.1%	9.8%
Mile 501-550	0	0.0%	0.0%
Mile 551-600	0	0.0%	0.0%
Mile 601-650	0	0.0%	0.0%
Mile 651-700	859	3.9%	4.2%
Mile 701-750	1,698	7.7%	8.2%
Mile 751-800	647	2.9%	3.1%
Mile 801-850	627	2.8%	3.0%
Mile 851-900	0	0.0%	0.0%
Mile 901-950	0	0.0%	0.0%
Mile 951-980	0	0.0%	0.0%
Unknown	1,379	6.3%	
Total - excluding unknowns	20,669		
Total	22,048		
Upper Region	14,821	67.2%	71.7%
Middle Region	2,876	13.0%	13.9%
Lower Region	2,972	13.5%	14.4%
Unknown	1,379	6.3%	
Total - excluding unknowns	20,669		
Total	22,048		

Table 23.2. Other Activities: Numbers of Child Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Other Activities (With Likely Contact)	Percent of Total in This Section
Mile 0-50	0	0.0%
Mile 51-100	0	0.0%
Mile 101-150	0	0.0%
Mile 151-200	0	0.0%
Mile 201-250	0	0.0%
Mile 251-300	0	0.0%
Mile 301-350	0	0.0%
Mile 351-400	5,673	40.1%
Mile 401-450	0	0.0%
Mile 451-500	6,837	48.3%
Mile 501-550	0	0.0%
Mile 551-600	0	0.0%
Mile 601-650	252	1.8%
Mile 651-700	412	2.9%
Mile 701-750	180	1.3%
Mile 751-800	472	3.3%
Mile 801-850	0	0.0%
Mile 851-900	0	0.0%
Mile 901-950	338	2.4%
Mile 951-980	0	0.0%
Unknown	0	0.0%
Total - excluding unknowns	14,163	
Total	14,163	
Upper Region	0	0.0%
Middle Region	12,761	90.1%
Lower Region	1,402	9.9%
Unknown	0	0.0%
Total - excluding unknowns	14,163	
Total	14,163	

Table 23.3. Other Activities: Numbers of Adult and Child Participants (Combined) and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Other Activities (With Likely Contact)	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	0	0.0%	0.0%
Mile 51-100	6,376	17.6%	18.3%
Mile 101-150	0	0.0%	0.0%
Mile 151-200	8,446	23.3%	24.2%
Mile 201-250	0	0.0%	0.0%
Mile 251-300	0	0.0%	0.0%
Mile 301-350	0	0.0%	0.0%
Mile 351-400	5,673	15.7%	16.3%
Mile 401-450	0	0.0%	0.0%
Mile 451-500	8,853	24.4%	25.4%
Mile 501-550	0	0.0%	0.0%
Mile 551-600	0	0.0%	0.0%
Mile 601-650	252	0.7%	0.7%
Mile 651-700	1,271	3.5%	3.7%
Mile 701-750	1,878	5.2%	5.4%
Mile 751-800	1,119	3.1%	3.2%
Mile 801-850	627	1.7%	1.8%
Mile 851-900	0	0.0%	0.0%
Mile 901-950	338	0.9%	1.0%
Mile 951-980	0	0.0%	0.0%
Unknown	1,379	3.8%	
Total - excluding unknowns	34,832		
Total	36,211		
Upper Region	14,821	40.9%	42.6%
Middle Region	15,637	43.2%	44.9%
Lower Region	4,374	12.1%	12.6%
Unknown	1,379	3.8%	
Total - excluding unknowns	34,832		
Total	36,211		

Table 24.1a. All Recreation: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Section of the River (50-Mile Increments)	All Recreation: Total Number of Participants	All Recreation: Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	270,313	2,986,276	0	0	0	313,696	367,871	534,882
51-100	55,111	555,355	0	0	0	10,544	60,616	117,256
101-150	76,553	1,231,709	0	0	0	25,799	51,766	237,428
151-200	102,156	1,567,710	0	0	8,321	28,465	47,010	441,883
201-250	63,205	800,368	39,564	1,311	19,127	7,209	2,527	26,144
251-300	63,261	1,555,446	18,881	18,881	64,919	101,369	129,909	273,387
301-350	143,586	2,302,879	0	12,588	36,955	202,140	265,492	434,759
351-400	99,857	1,955,204	0	0	0	130,513	189,272	415,172
401-450	84,613	722,434	3,891	0	8,708	76,748	69,709	82,884
451-500	283,607	3,413,582	59,012	57,453	62,405	119,776	366,416	695,568
501-550	48,646	240,169	8,431	2,268	7,557	2,268	6,173	45,980
551-600	161,330	1,349,013	6,163	6,376	79,695	85,753	137,286	193,822
601-650	117,500	1,240,493	0	0	17,740	119,072	191,138	193,321
651-700	64,735	886,842	0	0	0	4,372	56,935	243,451
701-750	53,633	1,418,755	70,804	647	647	32,678	73,895	271,084
751-800	99,119	1,732,554	1,143	16,449	24,108	24,351	194,273	388,721
801-850	37,819	862,628	0	1,799	8,109	20,609	23,429	273,950
851-900	70,229	1,202,518	2,268	4,066	4,965	15,513	60,218	82,607
901-950	117,759	1,865,988	0	0	31,189	44,265	336,360	392,741
951-980	27,648	546,809	39,775	39,775	42,440	44,310	50,884	46,764
Unknown	624,080	9,202,482	30,245	12,575	107,971	193,223	397,224	1,741,943
Total	2,664,761	37,689,869	280,176	174,186	524,855	1,602,673	3,078,403	7,133,746
Upper Region	716,502	9,554,829	58,445	26,486	123,028	524,648	738,302	1,828,032
Middle Region	915,650	11,247,782	77,497	72,390	182,398	701,462	1,202,607	2,107,097
Lower Region	408,528	7,573,102	113,989	62,736	111,459	183,340	740,270	1,456,675
Unknown	624,080	9,202,482	30,245	12,575	107,971	193,223	397,224	1,741,943
Total	2,664,761	37,689,869	280,176	174,186	524,856	1,602,673	3,078,403	7,133,746

Table 24.1b. All Recreation: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Section of the River (50-Mile Increments)	All Recreation: Total Number of Participants	All Recreation: Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	270,313	2,986,276	779,883	661,028	338,402	98,008	57,310	0
51-100	55,111	555,355	164,544	112,666	78,879	5,474	0	0
101-150	76,553	1,231,709	329,604	315,603	46,775	30,328	0	790
151-200	102,156	1,567,710	426,159	477,711	63,969	20,724	14,803	0
201-250	63,205	800,368	84,354	90,781	39,558	7,789	5,263	6,555
251-300	63,261	1,555,446	274,124	284,558	266,559	40,840	23,626	18,881
301-350	143,586	2,302,879	450,929	424,041	191,775	62,753	35,698	0
351-400	99,857	1,955,204	562,645	418,477	133,966	0	0	0
401-450	84,613	722,434	89,094	118,819	75,124	50,202	54,850	0
451-500	283,607	3,413,582	760,009	745,274	235,115	147,466	75,195	75,195
501-550	48,646	240,169	62,209	25,566	12,344	18,529	18,529	2,268
551-600	161,330	1,349,013	252,998	172,758	119,596	61,619	44,609	10,786
601-650	117,500	1,240,493	145,021	118,338	94,646	76,725	15,939	0
651-700	64,735	886,842	225,764	254,542	57,835	2,472	1,236	0
701-750	53,633	1,418,755	301,609	303,008	261,958	82,896	8,069	1,614
751-800	99,119	1,732,554	417,862	286,382	147,011	84,819	2,285	1,143
801-850	37,819	862,628	457,741	211,500	52,008	6,757	3,379	1,351
851-900	70,229	1,202,518	355,932	369,512	66,120	53,331	14,072	7,955
901-950	117,759	1,865,988	442,423	387,066	174,309	21,864	10,500	25,271
951-980	27,648	546,809	58,858	60,369	44,310	39,775	39,775	39,775
Unknown	624,080	9,202,482	1,767,372	1,839,957	1,143,581	80,209	15,172	11,364
Total	2,664,761	37,689,869	8,409,135	7,677,957	3,643,839	992,581	440,310	202,946
Upper Region	716,502	9,554,829	2,300,905	2,153,786	930,902	253,822	130,899	26,226
Middle Region	915,650	11,247,782	2,303,088	2,063,435	821,505	369,108	216,159	88,248
Lower Region	408,528	7,573,102	2,037,770	1,620,780	747,851	289,442	78,080	77,109
Unknown	624,080	9,202,482	1,767,372	1,839,957	1,143,581	80,209	15,172	11,364
Total	2,664,761	37,689,869	8,409,135	7,677,957	3,643,839	992,581	440,310	202,946

Table 24.2a. All Recreation: Numbers of Child Participants and Events by River Section and Month (Part 1)

Section of the River (50-Mile Increments)	All Recreation: Total Number of Participants	All Recreation: Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	82,220	475,382	0	0	0	9,193	35,440	84,547
51-100	7,569	78,514	0	0	0	0	0	25,038
101-150	4,832	102,459	0	0	0	6,832	14,379	17,774
151-200	23,462	164,874	556	0	0	0	1,787	78,406
201-250	2,329	27,773	810	810	0	0	0	7,930
251-300	20,099	180,408	0	0	4,361	9,846	5,583	36,444
301-350	9,186	48,593	0	0	3,147	3,147	3,153	10,133
351-400	41,810	481,170	0	0	0	0	37,308	75,441
401-450	47,532	180,384	0	0	0	0	3,422	29,562
451-500	98,302	613,310	0	0	0	6,079	47,286	128,088
501-550	11,426	87,069	696	696	696	696	7,555	17,335
551-600	34,132	344,863	0	0	3,634	8,804	22,915	67,515
601-650	46,885	486,698	0	0	0	1,295	41,815	116,893
651-700	5,781	34,963	0	0	0	0	1,154	8,856
701-750	3,567	42,560	0	0	0	3,406	3,766	4,539
751-800	19,316	122,602	0	401	1,529	1,533	6,773	26,332
801-850	10,218	128,311	0	0	4,006	4,023	5,038	33,876
851-900	6,472	73,647	0	0	0	0	2,328	7,135
901-950	5,059	57,884	750	0	0	0	2,986	20,999
951-980	2,786	10,214	0	0	0	464	464	0
Unknown	0	0	0	0	0	0	0	0
Total	482,982	3,741,679	2,812	1,907	17,373	55,317	243,152	796,844
Upper Region	145,870	1,050,518	1,366	810	7,508	29,017	60,342	251,518
Middle Region	284,866	2,226,724	696	696	4,330	16,874	161,455	444,742
Lower Region	52,245	464,437	750	401	5,535	9,426	21,355	100,583
Unknown	0	0	0	0	0	0	0	0
Total	482,982	3,741,679	2,812	1,907	17,373	55,317	243,152	796,844

Table 24.2b. All Recreation: Numbers of Child Participants and Events by River Section and Month (Part 2)

Section of the River (50-Mile Increments)	All Recreation: Total Number of Participants	All Recreation: Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	82,220	475,382	190,024	108,949	10,978	16,803	16,803	0
51-100	7,569	78,514	28,438	25,038	0	0	0	0
101-150	4,832	102,459	25,878	18,664	12,102	6,832	0	0
151-200	23,462	164,874	40,439	39,475	2,536	0	559	559
201-250	2,329	27,773	6,119	6,113	4,295	0	0	1,696
251-300	20,099	180,408	52,730	36,446	30,637	2,617	1,744	0
301-350	9,186	48,593	18,281	10,732	0	0	0	0
351-400	41,810	481,170	209,790	158,631	0	0	0	0
401-450	47,532	180,384	93,599	41,891	8,489	3,422	0	0
451-500	98,302	613,310	207,317	167,237	43,967	13,293	0	0
501-550	11,426	87,069	34,221	17,335	5,749	696	696	696
551-600	34,132	344,863	92,952	85,625	41,504	24,298	0	0
601-650	46,885	486,698	105,220	136,427	80,096	4,952	0	0
651-700	5,781	34,963	14,954	9,821	178	0	0	0
701-750	3,567	42,560	19,155	10,613	2,054	541	0	0
751-800	19,316	122,602	39,451	34,259	11,972	401	0	0
801-850	10,218	128,311	39,643	31,099	10,625	0	0	0
851-900	6,472	73,647	32,163	31,053	968	0	0	0
901-950	5,059	57,884	22,927	7,479	1,804	0	750	750
951-980	2,786	10,214	4,643	4,643	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	482,982	3,741,679	1,277,943	981,531	267,955	73,853	20,553	3,702
Upper Region	145,870	1,050,518	352,530	236,065	60,548	26,251	19,106	2,256
Middle Region	284,866	2,226,724	755,253	617,158	179,805	46,661	696	696
Lower Region	52,245	464,437	170,159	128,308	27,602	941	750	750
Unknown	0	0	0	0	0	0	0	0
Total	482,982	3,741,679	1,277,943	981,531	267,955	73,853	20,553	3,702

Table 24.3a. All Recreation: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 1)

Section of the River (50-Mile Increments)	All Recreation: Total Number of Participants	All Recreation: Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	352,533	3,461,658	0	0	0	322,889	403,311	619,428
51-100	62,680	633,869	0	0	0	10,544	60,616	142,294
101-150	81,385	1,334,168	0	0	0	32,630	66,145	255,201
151-200	125,618	1,732,584	556	0	8,321	28,465	48,797	520,289
201-250	65,534	828,141	40,374	2,121	19,127	7,209	2,527	34,074
251-300	83,360	1,735,854	18,881	18,881	69,280	111,215	135,492	309,831
301-350	152,772	2,351,471	0	12,588	40,102	205,286	268,645	444,893
351-400	141,667	2,436,375	0	0	0	130,513	226,580	490,613
401-450	132,145	902,818	3,891	0	8,708	76,748	73,131	112,445
451-500	381,910	4,026,891	59,012	57,453	62,405	125,854	413,702	823,656
501-550	60,071	327,238	9,127	2,964	8,253	2,964	13,728	63,316
551-600	195,462	1,693,877	6,163	6,376	83,329	94,557	160,201	261,337
601-650	164,385	1,727,191	0	0	17,740	120,367	232,952	310,215
651-700	70,516	921,805	0	0	0	4,372	58,089	252,307
701-750	57,200	1,461,315	70,804	647	647	36,084	77,661	275,623
751-800	118,435	1,855,156	1,143	16,850	25,637	25,884	201,047	415,053
801-850	48,037	990,939	0	1,799	12,115	24,632	28,467	307,826
851-900	76,701	1,276,165	2,268	4,066	4,965	15,513	62,545	89,743
901-950	122,818	1,923,872	750	0	31,189	44,265	339,346	413,740
951-980	30,434	557,023	39,775	39,775	42,440	44,774	51,349	46,764
Unknown	624,080	9,202,482	30,245	12,575	107,971	193,223	397,224	1,741,943
Total	3,147,743	41,431,547	282,988	176,093	542,228	1,657,991	3,321,555	7,930,590
Upper Region	862,373	10,605,347	59,811	27,296	130,536	553,666	798,644	2,079,550
Middle Region	1,200,516	13,474,505	78,193	73,086	186,728	718,335	1,364,062	2,551,839
Lower Region	460,773	8,037,539	114,739	63,136	116,993	192,767	761,625	1,557,258
Unknown	624,080	9,202,482	30,245	12,575	107,971	193,223	397,224	1,741,943
Total	3,147,743	41,431,547	282,988	176,093	542,228	1,657,991	3,321,555	7,930,590

Table 24.3b. All Recreation: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 2)

Section of the River (50-Mile Increments)	All Recreation: Total Number of Participants	All Recreation: Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	352,533	3,461,658	969,907	769,977	349,379	114,811	74,113	0
51-100	62,680	633,869	192,981	137,705	78,879	5,474	0	0
101-150	81,385	1,334,168	355,482	334,267	58,877	37,160	0	790
151-200	125,618	1,732,584	466,598	517,186	66,506	20,724	15,362	559
201-250	65,534	828,141	90,474	96,894	43,853	7,789	5,263	8,251
251-300	83,360	1,735,854	326,854	321,004	297,196	43,457	25,371	18,881
301-350	152,772	2,351,471	469,210	434,773	191,775	62,753	35,698	0
351-400	141,667	2,436,375	772,435	577,108	133,966	0	0	0
401-450	132,145	902,818	182,693	160,710	83,613	53,623	54,850	0
451-500	381,910	4,026,891	967,326	912,510	279,083	160,759	75,195	75,195
501-550	60,071	327,238	96,430	42,902	18,093	19,225	19,225	2,964
551-600	195,462	1,693,877	345,950	258,383	161,100	85,916	44,609	10,786
601-650	164,385	1,727,191	250,241	254,765	174,743	81,677	15,939	0
651-700	70,516	921,805	240,718	264,362	58,013	2,472	1,236	0
701-750	57,200	1,461,315	320,763	313,622	264,013	83,437	8,069	1,614
751-800	118,435	1,855,156	457,312	320,641	158,983	85,220	2,285	1,143
801-850	48,037	990,939	497,385	242,599	62,633	6,757	3,379	1,351
851-900	76,701	1,276,165	388,095	400,566	67,088	53,331	14,072	7,955
901-950	122,818	1,923,872	465,350	394,545	176,113	21,864	11,250	26,022
951-980	30,434	557,023	63,500	65,012	44,310	39,775	39,775	39,775
Unknown	624,080	9,202,482	1,767,372	1,839,957	1,143,581	80,209	15,172	11,364
Total	3,147,743	41,431,547	9,687,078	8,659,488	3,911,795	1,066,434	460,863	206,648
Upper Region	862,373	10,605,347	2,653,435	2,389,851	991,451	280,073	150,005	28,481
Middle Region	1,200,516	13,474,505	3,058,341	2,680,593	1,001,310	415,768	216,856	88,944
Lower Region	460,773	8,037,539	2,207,930	1,749,088	775,453	290,383	78,830	77,859
Unknown	624,080	9,202,482	1,767,372	1,839,957	1,143,581	80,209	15,172	11,364
Total	3,147,743	41,431,547	9,687,078	8,659,488	3,911,795	1,066,434	460,863	206,648

Table 25.1a. Primary Recreation: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Section of the River (50-Mile Increments)	Primary Recreation: Total Number of Participants	Primary Recreation: Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	105,683	1,458,633	0	0	0	174,413	194,858	249,914
51-100	0	0	0	0	0	0	0	0
101-150	13,998	129,989	0	0	0	0	0	34,563
151-200	36,094	404,772	0	0	0	2,111	4,223	63,169
201-250	8,042	96,834	0	0	0	0	0	0
251-300	10,906	77,784	0	0	0	0	0	14,163
301-350	37,771	418,191	0	0	0	0	16,738	103,580
351-400	24,940	292,803	0	0	0	0	0	66,870
401-450	15,562	85,604	0	0	0	0	0	0
451-500	110,271	1,178,614	0	0	0	2,394	102,392	284,415
501-550	25,958	66,021	0	0	0	0	0	24,195
551-600	47,390	409,664	0	0	0	0	0	35,567
601-650	28,440	528,055	0	0	6,376	82,458	104,210	92,106
651-700	41,629	757,961	0	0	0	0	47,132	222,609
701-750	22,366	733,063	0	0	0	0	16,615	151,893
751-800	40,266	691,471	0	0	0	0	78,683	183,114
801-850	14,989	145,094	0	0	0	0	2,507	29,851
851-900	20,073	467,882	0	0	0	0	2,625	2,625
901-950	32,819	1,167,679	0	0	0	5,178	256,332	261,426
951-980	7,194	148,464	11,364	11,364	11,364	11,364	11,364	11,364
Unknown	189,131	3,050,539	11,364	11,364	17,740	17,740	59,579	585,758
Total	833,522	12,309,119	22,728	22,728	35,480	295,659	897,257	2,417,184
Upper Region	192,663	2,243,811	0	0	0	176,525	199,081	374,320
Middle Region	314,021	3,667,571	0	0	6,376	84,852	270,470	816,832
Lower Region	137,707	3,347,199	11,364	11,364	11,364	16,543	368,127	640,273
Unknown	189,131	3,050,539	11,364	11,364	17,740	17,740	59,579	585,758
Total	833,522	12,309,119	22,728	22,728	35,480	295,659	897,257	2,417,184

Table 25.1b. Primary Recreation: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Section of the River (50-Mile Increments)	Primary Recreation: Total Number of Participants	Primary Recreation: Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	105,683	1,458,633	336,352	311,999	171,488	27,263	0	0
51-100	0	0	0	0	0	0	0	0
101-150	13,998	129,989	36,395	30,030	10,964	0	0	0
151-200	36,094	404,772	142,460	134,176	4,223	0	0	0
201-250	8,042	96,834	5,263	10,525	0	0	0	0
251-300	10,906	77,784	28,327	14,163	0	0	0	0
301-350	37,771	418,191	119,688	128,043	4,682	0	0	0
351-400	24,940	292,803	123,348	102,584	0	0	0	0
401-450	15,562	85,604	1,988	6,370	0	0	5,450	0
451-500	110,271	1,178,614	331,175	344,778	75,407	14,856	19,151	7,182
501-550	25,958	66,021	33,011	8,815	0	0	0	0
551-600	47,390	409,664	131,343	48,460	9,245	6,163	0	0
601-650	28,440	528,055	27,703	58,540	94,646	63,331	0	0
651-700	41,629	757,961	191,995	213,156	47,132	0	0	0
701-750	22,366	733,063	189,061	188,288	159,133	19,843	0	0
751-800	40,266	691,471	206,551	98,050	22,001	18,413	0	0
801-850	14,989	145,094	50,590	34,277	7,619	0	0	0
851-900	20,073	467,882	207,383	227,071	1,313	0	0	0
901-950	32,819	1,167,679	260,647	256,248	127,847	0	0	0
951-980	7,194	148,464	17,411	17,411	11,364	11,364	11,364	11,364
Unknown	189,131	3,050,539	560,587	510,626	482,565	11,364	11,364	11,364
Total	833,522	12,309,119	3,001,274	2,743,609	1,229,628	172,599	47,329	29,910
Upper Region	192,663	2,243,811	577,768	517,279	191,357	27,263	0	0
Middle Region	314,021	3,667,571	930,470	893,551	226,429	84,350	24,601	7,182
Lower Region	137,707	3,347,199	932,449	822,152	329,277	49,621	11,364	11,364
Unknown	189,131	3,050,539	560,587	510,626	482,565	11,364	11,364	11,364
Total	833,522	12,309,119	3,001,274	2,743,609	1,229,628	172,599	47,329	29,910

Table 25.2a. Primary Recreation: Numbers of Child Participants and Events by River Section and Month (Part 1)

Section of the River (50-Mile Increments)	Primary Recreation: Total Number of Participants	Primary Recreation: Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	28,127	170,080	0	0	0	0	21,859	42,640
51-100	2,267	4,533	0	0	0	0	0	1,133
101-150	382	382	0	0	0	0	0	0
151-200	11,259	71,537	0	0	0	0	824	23,046
201-250	0	0	0	0	0	0	0	0
251-300	10,476	53,708	0	0	0	0	350	13,936
301-350	1,788	5,921	0	0	0	0	0	0
351-400	5,673	113,454	0	0	0	0	0	0
401-450	20,269	75,852	0	0	0	0	0	13,402
451-500	38,231	238,293	0	0	0	6,079	10,425	52,878
501-550	5,403	31,069	0	0	0	0	0	9,456
551-600	20,682	187,933	0	0	0	2,862	10,399	37,803
601-650	20,070	267,268	0	0	0	0	31,387	49,611
651-700	541	1,622	0	0	0	0	0	0
701-750	1,365	21,163	0	0	0	541	0	1,443
751-800	5,752	41,899	0	0	0	0	1,074	6,188
801-850	4,077	41,945	0	0	0	0	530	11,140
851-900	2,724	39,364	0	0	0	0	0	2,995
901-950	984	24,600	0	0	0	0	1,804	8,364
951-980	929	4,643	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	180,996	1,395,266	0	0	0	9,481	78,650	274,036
Upper Region	53,101	304,964	0	0	0	0	23,032	80,755
Middle Region	112,066	916,688	0	0	0	8,941	52,210	163,150
Lower Region	15,829	173,614	0	0	0	541	3,408	30,131
Unknown	0	0	0	0	0	0	0	0
Total	180,996	1,395,266	0	0	0	9,481	78,650	274,036

Table 25.2b. Primary Recreation: Numbers of Child Participants and Events by River Section and Month (Part 2)

Section of the River (50-Mile Increments)	Primary Recreation: Total Number of Participants	Primary Recreation: Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	28,127	170,080	53,940	42,569	6,427	0	0	0
51-100	2,267	4,533	2,267	1,133	0	0	0	0
101-150	382	382	382	0	0	0	0	0
151-200	11,259	71,537	23,046	23,046	1,573	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	10,476	53,708	25,136	13,938	350	0	0	0
301-350	1,788	5,921	5,322	599	0	0	0	0
351-400	5,673	113,454	56,727	56,727	0	0	0	0
401-450	20,269	75,852	47,848	9,535	5,067	0	0	0
451-500	38,231	238,293	64,227	81,176	11,793	11,715	0	0
501-550	5,403	31,069	12,158	9,456	0	0	0	0
551-600	20,682	187,933	61,652	48,757	21,833	4,627	0	0
601-650	20,070	267,268	49,708	87,717	48,845	0	0	0
651-700	541	1,622	1,622	0	0	0	0	0
701-750	1,365	21,163	12,467	6,171	0	541	0	0
751-800	5,752	41,899	16,556	16,124	1,958	0	0	0
801-850	4,077	41,945	18,588	11,157	530	0	0	0
851-900	2,724	39,364	17,705	17,695	968	0	0	0
901-950	984	24,600	8,364	4,264	1,804	0	0	0
951-980	929	4,643	2,321	2,321	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	180,996	1,395,266	480,035	432,387	101,148	16,883	0	0
Upper Region	53,101	304,964	109,494	80,687	8,349	0	0	0
Middle Region	112,066	916,688	294,540	293,967	87,539	16,342	0	0
Lower Region	15,829	173,614	76,001	57,733	5,260	541	0	0
Unknown	0	0	0	0	0	0	0	0
Total	180,996	1,395,266	480,035	432,387	101,148	16,883	0	0

Table 25.3a. Primary Recreation: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 1)

Section of the River (50-Mile Increments)	Primary Recreation: Total Number of Participants	Primary Recreation: Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	133,811	1,628,713	0	0	0	174,413	216,716	292,554
51-100	2,267	4,533	0	0	0	0	0	1,133
101-150	14,381	130,371	0	0	0	0	0	34,563
151-200	47,353	476,309	0	0	0	2,111	5,047	86,216
201-250	8,042	96,834	0	0	0	0	0	0
251-300	21,382	131,493	0	0	0	0	350	28,099
301-350	39,559	424,112	0	0	0	0	16,738	103,580
351-400	30,613	406,257	0	0	0	0	0	66,870
401-450	35,832	161,456	0	0	0	0	0	13,402
451-500	148,502	1,416,907	0	0	0	8,473	112,816	337,293
501-550	31,362	97,090	0	0	0	0	0	33,651
551-600	68,072	597,597	0	0	0	2,862	10,399	73,370
601-650	48,510	795,323	0	0	6,376	82,458	135,596	141,717
651-700	42,169	759,583	0	0	0	0	47,132	222,609
701-750	23,731	754,226	0	0	0	541	16,615	153,336
751-800	46,017	733,371	0	0	0	0	79,757	189,302
801-850	19,066	187,039	0	0	0	0	3,037	40,991
851-900	22,796	507,246	0	0	0	0	2,625	5,620
901-950	33,803	1,192,279	0	0	0	5,178	258,136	269,790
951-980	8,122	153,106	11,364	11,364	11,364	11,364	11,364	11,364
Unknown	189,131	3,050,539	11,364	11,364	17,740	17,740	59,579	585,758
Total	1,014,519	13,704,385	22,728	22,728	35,480	305,140	975,908	2,691,219
Upper Region	245,765	2,548,774	0	0	0	176,525	222,113	455,075
Middle Region	426,087	4,584,259	0	0	6,376	93,792	322,680	979,982
Lower Region	153,536	3,520,812	11,364	11,364	11,364	17,083	371,535	670,404
Unknown	189,131	3,050,539	11,364	11,364	17,740	17,740	59,579	585,758
Total	1,014,519	13,704,385	22,728	22,728	35,480	305,140	975,908	2,691,219

Table 25.3b. Primary Recreation: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 2)

Section of the River (50-Mile Increments)	Primary Recreation: Total Number of Participants	Primary Recreation: Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	133,811	1,628,713	390,292	354,568	177,915	27,263	0	0
51-100	2,267	4,533	2,267	1,133	0	0	0	0
101-150	14,381	130,371	36,777	30,030	10,964	0	0	0
151-200	47,353	476,309	165,506	157,222	5,796	0	0	0
201-250	8,042	96,834	5,263	10,525	0	0	0	0
251-300	21,382	131,493	53,463	28,101	350	0	0	0
301-350	39,559	424,112	125,010	128,641	4,682	0	0	0
351-400	30,613	406,257	180,075	159,311	0	0	0	0
401-450	35,832	161,456	49,836	15,904	5,067	0	5,450	0
451-500	148,502	1,416,907	395,402	425,954	87,200	26,571	19,151	7,182
501-550	31,362	97,090	45,168	18,271	0	0	0	0
551-600	68,072	597,597	192,995	97,218	31,078	10,790	0	0
601-650	48,510	795,323	77,410	146,257	143,491	63,331	0	0
651-700	42,169	759,583	193,617	213,156	47,132	0	0	0
701-750	23,731	754,226	201,528	194,459	159,133	20,384	0	0
751-800	46,017	733,371	223,107	114,174	23,958	18,413	0	0
801-850	19,066	187,039	69,178	45,434	8,149	0	0	0
851-900	22,796	507,246	225,088	244,766	2,281	0	0	0
901-950	33,803	1,192,279	269,011	260,512	129,651	0	0	0
951-980	8,122	153,106	19,732	19,732	11,364	11,364	11,364	11,364
Unknown	189,131	3,050,539	560,587	510,626	482,565	11,364	11,364	11,364
Total	1,014,519	13,704,385	3,481,309	3,175,996	1,330,776	189,481	47,329	29,910
Upper Region	245,765	2,548,774	687,263	597,966	199,706	27,263	0	0
Middle Region	426,087	4,584,259	1,225,010	1,187,519	313,968	100,692	24,601	7,182
Lower Region	153,536	3,520,812	1,008,450	879,884	334,536	50,161	11,364	11,364
Unknown	189,131	3,050,539	560,587	510,626	482,565	11,364	11,364	11,364
Total	1,014,519	13,704,385	3,481,309	3,175,996	1,330,776	189,481	47,329	29,910

Table 26.1a. Secondary Recreation: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Section of the River (50-Mile Increments)	Secondary Recreation: Total Number of Participants	Secondary Recreation: Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	164,630	1,527,643	0	0	0	139,282	173,014	284,968
51-100	55,111	555,355	0	0	0	10,544	60,616	117,256
101-150	62,554	1,101,720	0	0	0	25,799	51,766	202,865
151-200	66,062	1,162,938	0	0	8,321	26,353	42,787	378,713
201-250	55,164	703,534	39,564	1,311	19,127	7,209	2,527	26,144
251-300	52,356	1,477,662	18,881	18,881	64,919	101,369	129,909	259,224
301-350	105,816	1,884,688	0	12,588	36,955	202,140	248,755	331,179
351-400	74,917	1,662,401	0	0	0	130,513	189,272	348,301
401-450	69,050	636,830	3,891	0	8,708	76,748	69,709	82,884
451-500	173,336	2,234,968	59,012	57,453	62,405	117,382	264,024	411,152
501-550	22,687	174,148	8,431	2,268	7,557	2,268	6,173	21,785
551-600	113,940	939,349	6,163	6,376	79,695	85,753	137,286	158,255
601-650	89,060	712,437	0	0	11,364	36,615	86,928	101,216
651-700	23,106	128,881	0	0	0	4,372	9,803	20,842
701-750	31,267	685,692	70,804	647	647	32,678	57,280	119,191
751-800	58,853	1,041,083	1,143	16,449	24,108	24,351	115,590	205,607
801-850	22,830	717,534	0	1,799	8,109	20,609	20,922	244,100
851-900	50,156	734,636	2,268	4,066	4,965	15,513	57,593	79,982
901-950	84,940	698,309	0	0	31,189	39,086	80,028	131,314
951-980	20,454	398,345	28,411	28,411	31,076	32,946	39,520	35,400
Unknown	434,949	6,151,942	18,881	1,210	90,231	175,484	337,645	1,156,184
Total	1,831,239	25,380,749	257,448	151,458	489,376	1,307,015	2,181,146	4,716,562
Upper Region	523,839	7,311,018	58,445	26,486	123,028	348,124	539,221	1,453,711
Middle Region	601,629	7,580,211	77,497	72,390	176,022	616,610	932,137	1,290,265
Lower Region	270,821	4,225,903	102,624	51,371	100,095	166,798	372,142	816,402
Unknown	434,949	6,151,942	18,881	1,210	90,231	175,484	337,645	1,156,184
Total	1,831,239	25,380,749	257,448	151,458	489,376	1,307,015	2,181,146	4,716,562

Table 26.1b. Secondary Recreation: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Section of the River (50-Mile Increments)	Secondary Recreation: Total Number of Participants	Secondary Recreation: Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	164,630	1,527,643	443,531	349,029	166,914	70,744	57,310	0
51-100	55,111	555,355	164,544	112,666	78,879	5,474	0	0
101-150	62,554	1,101,720	293,209	285,574	35,811	30,328	0	790
151-200	66,062	1,162,938	283,699	343,535	59,747	20,724	14,803	0
201-250	55,164	703,534	79,092	80,256	39,558	7,789	5,263	6,555
251-300	52,356	1,477,662	245,797	270,395	266,559	40,840	23,626	18,881
301-350	105,816	1,884,688	331,241	295,998	187,093	62,753	35,698	0
351-400	74,917	1,662,401	439,297	315,893	133,966	0	0	0
401-450	69,050	636,830	87,106	112,449	75,124	50,202	49,400	0
451-500	173,336	2,234,968	428,835	400,496	159,708	132,610	56,044	68,013
501-550	22,687	174,148	29,199	16,751	12,344	18,529	18,529	2,268
551-600	113,940	939,349	121,655	124,298	110,351	55,456	44,609	10,786
601-650	89,060	712,437	117,319	59,798	0	13,394	15,939	0
651-700	23,106	128,881	33,769	41,386	10,704	2,472	1,236	0
701-750	31,267	685,692	112,548	114,720	102,826	63,053	8,069	1,614
751-800	58,853	1,041,083	211,311	188,332	125,010	66,406	2,285	1,143
801-850	22,830	717,534	407,151	177,223	44,389	6,757	3,379	1,351
851-900	50,156	734,636	148,550	142,441	64,807	53,331	14,072	7,955
901-950	84,940	698,309	181,776	130,818	46,462	21,864	10,500	25,271
951-980	20,454	398,345	41,447	42,958	32,946	28,411	28,411	28,411
Unknown	434,949	6,151,942	1,206,786	1,329,331	661,016	68,845	3,808	0
Total	1,831,239	25,380,749	5,407,861	4,934,349	2,414,211	819,982	392,981	173,036
Upper Region	523,839	7,311,018	1,723,136	1,636,506	739,545	226,559	130,899	26,226
Middle Region	601,629	7,580,211	1,372,618	1,169,883	595,076	284,757	191,558	81,066
Lower Region	270,821	4,225,903	1,105,321	798,628	418,575	239,821	66,716	65,744
Unknown	434,949	6,151,942	1,206,786	1,329,331	661,016	68,845	3,808	0
Total	1,831,239	25,380,749	5,407,861	4,934,349	2,414,211	819,982	392,981	173,036

Table 26.2a. Secondary Recreation: Numbers of Child Participants and Events by River Section and Month (Part 1)

Section of the River (50-Mile Increments)	Secondary Recreation: Total Number of Participants	Secondary Recreation: Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	54,092	305,302	0	0	0	9,193	13,581	41,907
51-100	5,303	73,981	0	0	0	0	0	23,905
101-150	4,450	102,077	0	0	0	6,832	14,379	17,774
151-200	12,203	93,338	556	0	0	0	963	55,360
201-250	2,329	27,773	810	810	0	0	0	7,930
251-300	9,623	126,699	0	0	4,361	9,846	5,233	22,508
301-350	7,398	42,672	0	0	3,147	3,147	3,153	10,133
351-400	36,137	367,716	0	0	0	0	37,308	75,441
401-450	27,263	104,532	0	0	0	0	3,422	16,160
451-500	60,072	375,017	0	0	0	0	36,862	75,210
501-550	6,022	56,000	696	696	696	696	7,555	7,879
551-600	13,450	156,930	0	0	3,634	5,942	12,516	29,712
601-650	26,816	219,430	0	0	0	1,295	10,428	67,282
651-700	5,240	33,341	0	0	0	0	1,154	8,856
701-750	2,203	21,397	0	0	0	2,865	3,766	3,095
751-800	13,564	80,703	0	401	1,529	1,533	5,699	20,144
801-850	6,141	86,365	0	0	4,006	4,023	4,508	22,735
851-900	3,749	34,284	0	0	0	0	2,328	4,140
901-950	4,075	33,284	750	0	0	0	1,182	12,635
951-980	1,857	5,571	0	0	0	464	464	0
Unknown	0	0	0	0	0	0	0	0
Total	301,985	2,346,413	2,812	1,907	17,373	45,836	164,501	522,808
Upper Region	92,769	745,555	1,366	810	7,508	29,017	37,309	170,763
Middle Region	172,800	1,310,035	696	696	4,330	7,933	109,245	281,593
Lower Region	36,416	290,823	750	401	5,535	8,886	17,947	70,452
Unknown	0	0	0	0	0	0	0	0
Total	301,985	2,346,413	2,812	1,907	17,373	45,836	164,501	522,808

Table 26.2b. Secondary Recreation: Numbers of Child Participants and Events by River Section and Month (Part 2)

Section of the River (50-Mile Increments)	Secondary Recreation: Total Number of Participants	Secondary Recreation: Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	54,092	305,302	136,084	66,380	4,551	16,803	16,803	0
51-100	5,303	73,981	26,171	23,905	0	0	0	0
101-150	4,450	102,077	25,495	18,664	12,102	6,832	0	0
151-200	12,203	93,338	17,393	16,429	963	0	559	559
201-250	2,329	27,773	6,119	6,113	4,295	0	0	1,696
251-300	9,623	126,699	27,594	22,508	30,288	2,617	1,744	0
301-350	7,398	42,672	12,959	10,133	0	0	0	0
351-400	36,137	367,716	153,063	101,904	0	0	0	0
401-450	27,263	104,532	45,751	32,356	3,422	3,422	0	0
451-500	60,072	375,017	143,090	86,061	32,174	1,578	0	0
501-550	6,022	56,000	22,063	7,879	5,749	696	696	696
551-600	13,450	156,930	31,299	36,867	19,671	19,671	0	0
601-650	26,816	219,430	55,512	48,710	31,251	4,952	0	0
651-700	5,240	33,341	13,332	9,821	178	0	0	0
701-750	2,203	21,397	6,688	4,442	2,054	0	0	0
751-800	13,564	80,703	22,895	18,136	10,014	401	0	0
801-850	6,141	86,365	21,056	19,942	10,095	0	0	0
851-900	3,749	34,284	14,458	13,358	0	0	0	0
901-950	4,075	33,284	14,563	3,215	0	0	750	750
951-980	1,857	5,571	2,321	2,321	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	301,985	2,346,413	797,908	549,144	166,807	56,971	20,553	3,702
Upper Region	92,769	745,555	243,036	155,378	52,199	26,251	19,106	2,256
Middle Region	172,800	1,310,035	460,713	323,191	92,267	30,319	696	696
Lower Region	36,416	290,823	94,159	70,575	22,342	401	750	750
Unknown	0	0	0	0	0	0	0	0
Total	301,985	2,346,413	797,908	549,144	166,807	56,971	20,553	3,702

Table 26.3a. Secondary Recreation: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 1)

Section of the River (50-Mile Increments)	Secondary Recreation: Total Number of Participants	Secondary Recreation: Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	218,722	1,832,945	0	0	0	148,476	186,595	326,874
51-100	60,414	629,336	0	0	0	10,544	60,616	141,161
101-150	67,004	1,203,797	0	0	0	32,630	66,145	220,639
151-200	78,265	1,256,275	556	0	8,321	26,353	43,750	434,073
201-250	57,493	731,307	40,374	2,121	19,127	7,209	2,527	34,074
251-300	61,978	1,604,361	18,881	18,881	69,280	111,215	135,142	281,732
301-350	113,213	1,927,360	0	12,588	40,102	205,286	251,908	341,312
351-400	111,054	2,030,118	0	0	0	130,513	226,580	423,742
401-450	96,313	741,362	3,891	0	8,708	76,748	73,131	99,044
451-500	233,408	2,609,984	59,012	57,453	62,405	117,382	300,886	486,363
501-550	28,710	230,148	9,127	2,964	8,253	2,964	13,728	29,664
551-600	127,390	1,096,279	6,163	6,376	83,329	91,695	149,802	187,967
601-650	115,875	931,868	0	0	11,364	37,910	97,356	168,498
651-700	28,347	162,222	0	0	0	4,372	10,957	29,698
701-750	33,469	707,089	70,804	647	647	35,543	61,046	122,286
751-800	72,417	1,121,785	1,143	16,850	25,637	25,884	121,289	225,751
801-850	28,971	803,900	0	1,799	12,115	24,632	25,430	266,835
851-900	53,905	768,920	2,268	4,066	4,965	15,513	59,920	84,123
901-950	89,014	731,593	750	0	31,189	39,086	81,209	143,950
951-980	22,311	403,916	28,411	28,411	31,076	33,410	39,984	35,400
Unknown	434,949	6,151,942	18,881	1,210	90,231	175,484	337,645	1,156,184
Total	2,133,224	27,727,163	260,260	153,364	506,749	1,352,851	2,345,647	5,239,370
Upper Region	616,608	8,056,573	59,811	27,296	130,536	377,141	576,531	1,624,474
Middle Region	774,429	8,890,246	78,193	73,086	180,352	624,543	1,041,381	1,571,858
Lower Region	307,237	4,516,726	103,374	51,772	105,629	175,683	390,089	886,854
Unknown	434,949	6,151,942	18,881	1,210	90,231	175,484	337,645	1,156,184
Total	2,133,224	27,727,163	260,260	153,364	506,749	1,352,851	2,345,647	5,239,370

Table 26.3b. Secondary Recreation: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 2)

Section of the River (50-Mile Increments)	Secondary Recreation: Total Number of Participants	Secondary Recreation: Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	218,722	1,832,945	579,615	415,409	171,465	87,547	74,113	0
51-100	60,414	629,336	190,715	136,571	78,879	5,474	0	0
101-150	67,004	1,203,797	318,704	304,237	47,913	37,160	0	790
151-200	78,265	1,256,275	301,092	359,964	60,710	20,724	15,362	559
201-250	57,493	731,307	85,211	86,368	43,853	7,789	5,263	8,251
251-300	61,978	1,604,361	273,391	292,903	296,846	43,457	25,371	18,881
301-350	113,213	1,927,360	344,200	306,132	187,093	62,753	35,698	0
351-400	111,054	2,030,118	592,361	417,797	133,966	0	0	0
401-450	96,313	741,362	132,858	144,806	78,545	53,623	49,400	0
451-500	233,408	2,609,984	571,924	486,556	191,882	134,188	56,044	68,013
501-550	28,710	230,148	51,262	24,631	18,093	19,225	19,225	2,964
551-600	127,390	1,096,279	152,955	161,165	130,022	75,126	44,609	10,786
601-650	115,875	931,868	172,831	108,508	31,251	18,346	15,939	0
651-700	28,347	162,222	47,102	51,207	10,881	2,472	1,236	0
701-750	33,469	707,089	119,236	119,162	104,880	63,053	8,069	1,614
751-800	72,417	1,121,785	234,205	206,468	135,024	66,807	2,285	1,143
801-850	28,971	803,900	428,207	197,165	54,484	6,757	3,379	1,351
851-900	53,905	768,920	163,008	155,799	64,807	53,331	14,072	7,955
901-950	89,014	731,593	196,339	134,034	46,462	21,864	11,250	26,022
951-980	22,311	403,916	43,768	45,280	32,946	28,411	28,411	28,411
Unknown	434,949	6,151,942	1,206,786	1,329,331	661,016	68,845	3,808	0
Total	2,133,224	27,727,163	6,205,768	5,483,493	2,581,019	876,953	413,534	176,738
Upper Region	616,608	8,056,573	1,966,172	1,791,885	791,744	252,810	150,005	28,481
Middle Region	774,429	8,890,246	1,833,331	1,493,074	687,342	315,076	192,255	81,763
Lower Region	307,237	4,516,726	1,199,480	869,203	440,916	240,222	67,466	66,495
Unknown	434,949	6,151,942	1,206,786	1,329,331	661,016	68,845	3,808	0
Total	2,133,224	27,727,163	6,205,768	5,483,493	2,581,019	876,953	413,534	176,738

Table 27.1a. All Types of Recreation: Numbers of Events Among Adult Participants by River Section and Month (Part 1)

Section of the River (50-Mile Increments)	Total Number of Events in January			Total Number of Events in February			Total Number of Events in March		
	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation
0-50	0	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	8,321	0	8,321
201-250	39,564	0	39,564	1,311	0	1,311	19,127	0	19,127
251-300	18,881	0	18,881	18,881	0	18,881	64,919	0	64,919
301-350	0	0	0	12,588	0	12,588	36,955	0	36,955
351-400	0	0	0	0	0	0	0	0	0
401-450	3,891	0	3,891	0	0	0	8,708	0	8,708
451-500	59,012	0	59,012	57,453	0	57,453	62,405	0	62,405
501-550	8,431	0	8,431	2,268	0	2,268	7,557	0	7,557
551-600	6,163	0	6,163	6,376	0	6,376	79,695	0	79,695
601-650	0	0	0	0	0	0	17,740	6,376	11,364
651-700	0	0	0	0	0	0	0	0	0
701-750	70,804	0	70,804	647	0	647	647	0	647
751-800	1,143	0	1,143	16,449	0	16,449	24,108	0	24,108
801-850	0	0	0	1,799	0	1,799	8,109	0	8,109
851-900	2,268	0	2,268	4,066	0	4,066	4,965	0	4,965
901-950	0	0	0	0	0	0	31,189	0	31,189
951-980	39,775	11,364	28,411	39,775	11,364	28,411	42,440	11,364	31,076
Unknown	30,245	11,364	18,881	12,575	11,364	1,210	107,971	17,740	90,231
Total	280,176	22,728	257,448	174,186	22,728	151,458	524,855	35,480	489,376
Upper Region	58,445	0	58,445	26,486	0	26,486	123,028	0	123,028
Middle Region	77,497	0	77,497	72,390	0	72,390	182,398	6,376	176,022
Lower Region	113,989	11,364	102,624	62,736	11,364	51,371	111,459	11,364	100,095
Unknown	30,245	11,364	18,881	12,575	11,364	1,210	107,971	17,740	90,231
Total	280,176	22,728	257,448	174,186	22,728	151,458	524,856	35,480	489,376

Table 27.1b. All Types of Recreation: Numbers of Events Among Adult Participants by River Section and Month (Part 2)

Section of the River (50-Mile Increments)	Total Number of Events in April			Total Number of Events in May			Total Number of Events in June		
	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation
0-50	313,696	174,413	139,282	367,871	194,858	173,014	534,882	249,914	284,968
51-100	10,544	0	10,544	60,616	0	60,616	117,256	0	117,256
101-150	25,799	0	25,799	51,766	0	51,766	237,428	34,563	202,865
151-200	28,465	2,111	26,353	47,010	4,223	42,787	441,883	63,169	378,713
201-250	7,209	0	7,209	2,527	0	2,527	26,144	0	26,144
251-300	101,369	0	101,369	129,909	0	129,909	273,387	14,163	259,224
301-350	202,140	0	202,140	265,492	16,738	248,755	434,759	103,580	331,179
351-400	130,513	0	130,513	189,272	0	189,272	415,172	66,870	348,301
401-450	76,748	0	76,748	69,709	0	69,709	82,884	0	82,884
451-500	119,776	2,394	117,382	366,416	102,392	264,024	695,568	284,415	411,152
501-550	2,268	0	2,268	6,173	0	6,173	45,980	24,195	21,785
551-600	85,753	0	85,753	137,286	0	137,286	193,822	35,567	158,255
601-650	119,072	82,458	36,615	191,138	104,210	86,928	193,321	92,106	101,216
651-700	4,372	0	4,372	56,935	47,132	9,803	243,451	222,609	20,842
701-750	32,678	0	32,678	73,895	16,615	57,280	271,084	151,893	119,191
751-800	24,351	0	24,351	194,273	78,683	115,590	388,721	183,114	205,607
801-850	20,609	0	20,609	23,429	2,507	20,922	273,950	29,851	244,100
851-900	15,513	0	15,513	60,218	2,625	57,593	82,607	2,625	79,982
901-950	44,265	5,178	39,086	336,360	256,332	80,028	392,741	261,426	131,314
951-980	44,310	11,364	32,946	50,884	11,364	39,520	46,764	11,364	35,400
Unknown	193,223	17,740	175,484	397,224	59,579	337,645	1,741,943	585,758	1,156,184
Total	1,602,673	295,659	1,307,015	3,078,403	897,257	2,181,146	7,133,746	2,417,184	4,716,562
Upper Region	524,648	176,525	348,124	738,302	199,081	539,221	1,828,032	374,320	1,453,711
Middle Region	701,462	84,852	616,610	1,202,607	270,470	932,137	2,107,097	816,832	1,290,265
Lower Region	183,340	16,543	166,798	740,270	368,127	372,142	1,456,675	640,273	816,402
Unknown	193,223	17,740	175,484	397,224	59,579	337,645	1,741,943	585,758	1,156,184
Total	1,602,673	295,659	1,307,015	3,078,403	897,257	2,181,146	7,133,746	2,417,184	4,716,562

Table 27.1c. All Types of Recreation: Numbers of Events Among Adult Participants by River Section and Month (Part 3)

Section of the River (50-Mile Increments)	Total Number of Events in July			Total Number of Events in August			Total Number of Events in September		
	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation
0-50	779,883	336,352	443,531	661,028	311,999	349,029	338,402	171,488	166,914
51-100	164,544	0	164,544	112,666	0	112,666	78,879	0	78,879
101-150	329,604	36,395	293,209	315,603	30,030	285,574	46,775	10,964	35,811
151-200	426,159	142,460	283,699	477,711	134,176	343,535	63,969	4,223	59,747
201-250	84,354	5,263	79,092	90,781	10,525	80,256	39,558	0	39,558
251-300	274,124	28,327	245,797	284,558	14,163	270,395	266,559	0	266,559
301-350	450,929	119,688	331,241	424,041	128,043	295,998	191,775	4,682	187,093
351-400	562,645	123,348	439,297	418,477	102,584	315,893	133,966	0	133,966
401-450	89,094	1,988	87,106	118,819	6,370	112,449	75,124	0	75,124
451-500	760,009	331,175	428,835	745,274	344,778	400,496	235,115	75,407	159,708
501-550	62,209	33,011	29,199	25,566	8,815	16,751	12,344	0	12,344
551-600	252,998	131,343	121,655	172,758	48,460	124,298	119,596	9,245	110,351
601-650	145,021	27,703	117,319	118,338	58,540	59,798	94,646	94,646	0
651-700	225,764	191,995	33,769	254,542	213,156	41,386	57,835	47,132	10,704
701-750	301,609	189,061	112,548	303,008	188,288	114,720	261,958	159,133	102,826
751-800	417,862	206,551	211,311	286,382	98,050	188,332	147,011	22,001	125,010
801-850	457,741	50,590	407,151	211,500	34,277	177,223	52,008	7,619	44,389
851-900	355,932	207,383	148,550	369,512	227,071	142,441	66,120	1,313	64,807
901-950	442,423	260,647	181,776	387,066	256,248	130,818	174,309	127,847	46,462
951-980	58,858	17,411	41,447	60,369	17,411	42,958	44,310	11,364	32,946
Unknown	1,767,372	560,587	1,206,786	1,839,957	510,626	1,329,331	1,143,581	482,565	661,016
Total	8,409,135	3,001,274	5,407,861	7,677,957	2,743,609	4,934,349	3,643,839	1,229,628	2,414,211
Upper Region	2,300,905	577,768	1,723,136	2,153,786	517,279	1,636,506	930,902	191,357	739,545
Middle Region	2,303,088	930,470	1,372,618	2,063,435	893,551	1,169,883	821,505	226,429	595,076
Lower Region	2,037,770	932,449	1,105,321	1,620,780	822,152	798,628	747,851	329,277	418,575
Unknown	1,767,372	560,587	1,206,786	1,839,957	510,626	1,329,331	1,143,581	482,565	661,016
Total	8,409,135	3,001,274	5,407,861	7,677,957	2,743,609	4,934,349	3,643,839	1,229,628	2,414,211

Table 27.1d. All Types of Recreation: Numbers of Events Among Adult Participants by River Section and Month (Part 4)

Section of the River (50-Mile Increments)	Total Number of Events in October			Total Number of Events in November			Total Number of Events in December		
	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation
0-50	98,008	27,263	70,744	57,310	0	57,310	0	0	0
51-100	5,474	0	5,474	0	0	0	0	0	0
101-150	30,328	0	30,328	0	0	0	790	0	790
151-200	20,724	0	20,724	14,803	0	14,803	0	0	0
201-250	7,789	0	7,789	5,263	0	5,263	6,555	0	6,555
251-300	40,840	0	40,840	23,626	0	23,626	18,881	0	18,881
301-350	62,753	0	62,753	35,698	0	35,698	0	0	0
351-400	0	0	0	0	0	0	0	0	0
401-450	50,202	0	50,202	54,850	5,450	49,400	0	0	0
451-500	147,466	14,856	132,610	75,195	19,151	56,044	75,195	7,182	68,013
501-550	18,529	0	18,529	18,529	0	18,529	2,268	0	2,268
551-600	61,619	6,163	55,456	44,609	0	44,609	10,786	0	10,786
601-650	76,725	63,331	13,394	15,939	0	15,939	0	0	0
651-700	2,472	0	2,472	1,236	0	1,236	0	0	0
701-750	82,896	19,843	63,053	8,069	0	8,069	1,614	0	1,614
751-800	84,819	18,413	66,406	2,285	0	2,285	1,143	0	1,143
801-850	6,757	0	6,757	3,379	0	3,379	1,351	0	1,351
851-900	53,331	0	53,331	14,072	0	14,072	7,955	0	7,955
901-950	21,864	0	21,864	10,500	0	10,500	25,271	0	25,271
951-980	39,775	11,364	28,411	39,775	11,364	28,411	39,775	11,364	28,411
Unknown	80,209	11,364	68,845	15,172	11,364	3,808	11,364	11,364	0
Total	992,581	172,599	819,982	440,310	47,329	392,981	202,946	29,910	173,036
Upper Region	253,822	27,263	226,559	130,899	0	130,899	26,226	0	26,226
Middle Region	369,108	84,350	284,757	216,159	24,601	191,558	88,248	7,182	81,066
Lower Region	289,442	49,621	239,821	78,080	11,364	66,716	77,109	11,364	65,744
Unknown	80,209	11,364	68,845	15,172	11,364	3,808	11,364	11,364	0
Total	992,581	172,599	819,982	440,310	47,329	392,981	202,946	29,910	173,036

Table 27.2a. All Types of Recreation: Numbers of Events Among Child Participants by River Section and Month (Part 1)

Section of the River (50-Mile Increments)	Total Number of Events in January			Total Number of Events in February			Total Number of Events in March		
	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation
0-50	0	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0	0
151-200	556	0	556	0	0	0	0	0	0
201-250	810	0	810	810	0	810	0	0	0
251-300	0	0	0	0	0	0	4,361	0	4,361
301-350	0	0	0	0	0	0	3,147	0	3,147
351-400	0	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0	0
451-500	0	0	0	0	0	0	0	0	0
501-550	696	0	696	696	0	696	696	0	696
551-600	0	0	0	0	0	0	3,634	0	3,634
601-650	0	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0	0
701-750	0	0	0	0	0	0	0	0	0
751-800	0	0	0	401	0	401	1,529	0	1,529
801-850	0	0	0	0	0	0	4,006	0	4,006
851-900	0	0	0	0	0	0	0	0	0
901-950	750	0	750	0	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0
Total	2,812	0	2,812	1,907	0	1,907	17,373	0	17,373
Upper Region	1,366	0	1,366	810	0	810	7,508	0	7,508
Middle Region	696	0	696	696	0	696	4,330	0	4,330
Lower Region	750	0	750	401	0	401	5,535	0	5,535
Unknown	0	0	0	0	0	0	0	0	0
Total	2,812	0	2,812	1,907	0	1,907	17,373	0	17,373

Table 27.2b. All Types of Recreation: Numbers of Events Among Child Participants by River Section and Month (Part 2)

Section of the River (50-Mile Increments)	Total Number of Events in April			Total Number of Events in May			Total Number of Events in June		
	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation
0-50	9,193	0	9,193	35,440	21,859	13,581	84,547	42,640	41,907
51-100	0	0	0	0	0	0	25,038	1,133	23,905
101-150	6,832	0	6,832	14,379	0	14,379	17,774	0	17,774
151-200	0	0	0	1,787	824	963	78,406	23,046	55,360
201-250	0	0	0	0	0	0	7,930	0	7,930
251-300	9,846	0	9,846	5,583	350	5,233	36,444	13,936	22,508
301-350	3,147	0	3,147	3,153	0	3,153	10,133	0	10,133
351-400	0	0	0	37,308	0	37,308	75,441	0	75,441
401-450	0	0	0	3,422	0	3,422	29,562	13,402	16,160
451-500	6,079	6,079	0	47,286	10,425	36,862	128,088	52,878	75,210
501-550	696	0	696	7,555	0	7,555	17,335	9,456	7,879
551-600	8,804	2,862	5,942	22,915	10,399	12,516	67,515	37,803	29,712
601-650	1,295	0	1,295	41,815	31,387	10,428	116,893	49,611	67,282
651-700	0	0	0	1,154	0	1,154	8,856	0	8,856
701-750	3,406	541	2,865	3,766	0	3,766	4,539	1,443	3,095
751-800	1,533	0	1,533	6,773	1,074	5,699	26,332	6,188	20,144
801-850	4,023	0	4,023	5,038	530	4,508	33,876	11,140	22,735
851-900	0	0	0	2,328	0	2,328	7,135	2,995	4,140
901-950	0	0	0	2,986	1,804	1,182	20,999	8,364	12,635
951-980	464	0	464	464	0	464	0	0	0
Unknown	0	0	0	0	0	0	0	0	0
Total	55,317	9,481	45,836	243,152	78,650	164,501	796,844	274,036	522,808
Upper Region	29,017	0	29,017	60,342	23,032	37,309	251,518	80,755	170,763
Middle Region	16,874	8,941	7,933	161,455	52,210	109,245	444,742	163,150	281,593
Lower Region	9,426	541	8,886	21,355	3,408	17,947	100,583	30,131	70,452
Unknown	0	0	0	0	0	0	0	0	0
Total	55,317	9,481	45,836	243,152	78,650	164,501	796,844	274,036	522,808

Table 27.2c. All Types of Recreation: Numbers of Events Among Child Participants by River Section and Month (Part 3)

Section of the River (50-Mile Increments)	Total Number of Events in July			Total Number of Events in August			Total Number of Events in September		
	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation
0-50	190,024	53,940	136,084	108,949	42,569	66,380	10,978	6,427	4,551
51-100	28,438	2,267	26,171	25,038	1,133	23,905	0	0	0
101-150	25,878	382	25,495	18,664	0	18,664	12,102	0	12,102
151-200	40,439	23,046	17,393	39,475	23,046	16,429	2,536	1,573	963
201-250	6,119	0	6,119	6,113	0	6,113	4,295	0	4,295
251-300	52,730	25,136	27,594	36,446	13,938	22,508	30,637	350	30,288
301-350	18,281	5,322	12,959	10,732	599	10,133	0	0	0
351-400	209,790	56,727	153,063	158,631	56,727	101,904	0	0	0
401-450	93,599	47,848	45,751	41,891	9,535	32,356	8,489	5,067	3,422
451-500	207,317	64,227	143,090	167,237	81,176	86,061	43,967	11,793	32,174
501-550	34,221	12,158	22,063	17,335	9,456	7,879	5,749	0	5,749
551-600	92,952	61,652	31,299	85,625	48,757	36,867	41,504	21,833	19,671
601-650	105,220	49,708	55,512	136,427	87,717	48,710	80,096	48,845	31,251
651-700	14,954	1,622	13,332	9,821	0	9,821	178	0	178
701-750	19,155	12,467	6,688	10,613	6,171	4,442	2,054	0	2,054
751-800	39,451	16,556	22,895	34,259	16,124	18,136	11,972	1,958	10,014
801-850	39,643	18,588	21,056	31,099	11,157	19,942	10,625	530	10,095
851-900	32,163	17,705	14,458	31,053	17,695	13,358	968	968	0
901-950	22,927	8,364	14,563	7,479	4,264	3,215	1,804	1,804	0
951-980	4,643	2,321	2,321	4,643	2,321	2,321	0	0	0
Unknown	0	0	0	0	0	0	0	0	0
Total	1,277,943	480,035	797,908	981,531	432,387	549,144	267,955	101,148	166,807
Upper Region	352,530	109,494	243,036	236,065	80,687	155,378	60,548	8,349	52,199
Middle Region	755,253	294,540	460,713	617,158	293,967	323,191	179,805	87,539	92,267
Lower Region	170,159	76,001	94,159	128,308	57,733	70,575	27,602	5,260	22,342
Unknown	0	0	0	0	0	0	0	0	0
Total	1,277,943	480,035	797,908	981,531	432,387	549,144	267,955	101,148	166,807

Table 27.2d. All Types of Recreation: Numbers of Events Among Child Participants by River Section and Month (Part 4)

Section of the River (50-Mile Increments)	Total Number of Events in October			Total Number of Events in November			Total Number of Events in December		
	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation
0-50	16,803	0	16,803	16,803	0	16,803	0	0	0
51-100	0	0	0	0	0	0	0	0	0
101-150	6,832	0	6,832	0	0	0	0	0	0
151-200	0	0	0	559	0	559	559	0	559
201-250	0	0	0	0	0	0	1,696	0	1,696
251-300	2,617	0	2,617	1,744	0	1,744	0	0	0
301-350	0	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0	0
401-450	3,422	0	3,422	0	0	0	0	0	0
451-500	13,293	11,715	1,578	0	0	0	0	0	0
501-550	696	0	696	696	0	696	696	0	696
551-600	24,298	4,627	19,671	0	0	0	0	0	0
601-650	4,952	0	4,952	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0	0
701-750	541	541	0	0	0	0	0	0	0
751-800	401	0	401	0	0	0	0	0	0
801-850	0	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0	0
901-950	0	0	0	750	0	750	750	0	750
951-980	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0
Total	73,853	16,883	56,971	20,553	0	20,553	3,702	0	3,702
Upper Region	26,251	0	26,251	19,106	0	19,106	2,256	0	2,256
Middle Region	46,661	16,342	30,319	696	0	696	696	0	696
Lower Region	941	541	401	750	0	750	750	0	750
Unknown	0	0	0	0	0	0	0	0	0
Total	73,853	16,883	56,971	20,553	0	20,553	3,702	0	3,702

Table 27.3a. All Types of Recreation: Numbers of Events Among Adult and Child Participants (Combined) by River Section and Month (Part 1)

Section of the River (50-Mile Increments)	Total Number of Events in January			Total Number of Events in February			Total Number of Events in March		
	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation
0-50	0	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0	0
151-200	556	0	556	0	0	0	8,321	0	8,321
201-250	40,374	0	40,374	2,121	0	2,121	19,127	0	19,127
251-300	18,881	0	18,881	18,881	0	18,881	69,280	0	69,280
301-350	0	0	0	12,588	0	12,588	40,102	0	40,102
351-400	0	0	0	0	0	0	0	0	0
401-450	3,891	0	3,891	0	0	0	8,708	0	8,708
451-500	59,012	0	59,012	57,453	0	57,453	62,405	0	62,405
501-550	9,127	0	9,127	2,964	0	2,964	8,253	0	8,253
551-600	6,163	0	6,163	6,376	0	6,376	83,329	0	83,329
601-650	0	0	0	0	0	0	17,740	6,376	11,364
651-700	0	0	0	0	0	0	0	0	0
701-750	70,804	0	70,804	647	0	647	647	0	647
751-800	1,143	0	1,143	16,850	0	16,850	25,637	0	25,637
801-850	0	0	0	1,799	0	1,799	12,115	0	12,115
851-900	2,268	0	2,268	4,066	0	4,066	4,965	0	4,965
901-950	750	0	750	0	0	0	31,189	0	31,189
951-980	39,775	11,364	28,411	39,775	11,364	28,411	42,440	11,364	31,076
Unknown	30,245	11,364	18,881	12,575	11,364	1,210	107,971	17,740	90,231
Total	282,988	22,728	260,260	176,093	22,728	153,364	542,228	35,480	506,749
Upper Region	59,811	0	59,811	27,296	0	27,296	130,536	0	130,536
Middle Region	78,193	0	78,193	73,086	0	73,086	186,728	6,376	180,352
Lower Region	114,739	11,364	103,374	63,136	11,364	51,772	116,993	11,364	105,629
Unknown	30,245	11,364	18,881	12,575	11,364	1,210	107,971	17,740	90,231
Total	282,988	22,728	260,260	176,093	22,728	153,364	542,228	35,480	506,749

Table 27.3b. All Types of Recreation: Numbers of Events Among Adult and Child Participants (Combined) by River Section and Month (Part 2)

Section of the River (50-Mile Increments)	Total Number of Events in April			Total Number of Events in May			Total Number of Events in June		
	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation
0-50	322,889	174,413	148,476	403,311	216,716	186,595	619,428	292,554	326,874
51-100	10,544	0	10,544	60,616	0	60,616	142,294	1,133	141,161
101-150	32,630	0	32,630	66,145	0	66,145	255,201	34,563	220,639
151-200	28,465	2,111	26,353	48,797	5,047	43,750	520,289	86,216	434,073
201-250	7,209	0	7,209	2,527	0	2,527	34,074	0	34,074
251-300	111,215	0	111,215	135,492	350	135,142	309,831	28,099	281,732
301-350	205,286	0	205,286	268,645	16,738	251,908	444,893	103,580	341,312
351-400	130,513	0	130,513	226,580	0	226,580	490,613	66,870	423,742
401-450	76,748	0	76,748	73,131	0	73,131	112,445	13,402	99,044
451-500	125,854	8,473	117,382	413,702	112,816	300,886	823,656	337,293	486,363
501-550	2,964	0	2,964	13,728	0	13,728	63,316	33,651	29,664
551-600	94,557	2,862	91,695	160,201	10,399	149,802	261,337	73,370	187,967
601-650	120,367	82,458	37,910	232,952	135,596	97,356	310,215	141,717	168,498
651-700	4,372	0	4,372	58,089	47,132	10,957	252,307	222,609	29,698
701-750	36,084	541	35,543	77,661	16,615	61,046	275,623	153,336	122,286
751-800	25,884	0	25,884	201,047	79,757	121,289	415,053	189,302	225,751
801-850	24,632	0	24,632	28,467	3,037	25,430	307,826	40,991	266,835
851-900	15,513	0	15,513	62,545	2,625	59,920	89,743	5,620	84,123
901-950	44,265	5,178	39,086	339,346	258,136	81,209	413,740	269,790	143,950
951-980	44,774	11,364	33,410	51,349	11,364	39,984	46,764	11,364	35,400
Unknown	193,223	17,740	175,484	397,224	59,579	337,645	1,741,943	585,758	1,156,184
Total	1,657,991	305,140	1,352,851	3,321,555	975,908	2,345,647	7,930,590	2,691,219	5,239,370
Upper Region	553,666	176,525	377,141	798,644	222,113	576,531	2,079,550	455,075	1,624,474
Middle Region	718,335	93,792	624,543	1,364,062	322,680	1,041,381	2,551,839	979,982	1,571,858
Lower Region	192,767	17,083	175,683	761,625	371,535	390,089	1,557,258	670,404	886,854
Unknown	193,223	17,740	175,484	397,224	59,579	337,645	1,741,943	585,758	1,156,184
Total	1,657,991	305,140	1,352,851	3,321,555	975,908	2,345,647	7,930,590	2,691,219	5,239,370

Table 27.3c. All Types of Recreation: Numbers of Events Among Adult and Child Participants (Combined) by River Section and Month (Part 3)

Section of the River (50-Mile Increments)	Total Number of Events in July			Total Number of Events in August			Total Number of Events in September		
	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation
0-50	969,907	390,292	579,615	769,977	354,568	415,409	349,379	177,915	171,465
51-100	192,981	2,267	190,715	137,705	1,133	136,571	78,879	0	78,879
101-150	355,482	36,777	318,704	334,267	30,030	304,237	58,877	10,964	47,913
151-200	466,598	165,506	301,092	517,186	157,222	359,964	66,506	5,796	60,710
201-250	90,474	5,263	85,211	96,894	10,525	86,368	43,853	0	43,853
251-300	326,854	53,463	273,391	321,004	28,101	292,903	297,196	350	296,846
301-350	469,210	125,010	344,200	434,773	128,641	306,132	191,775	4,682	187,093
351-400	772,435	180,075	592,361	577,108	159,311	417,797	133,966	0	133,966
401-450	182,693	49,836	132,858	160,710	15,904	144,806	83,613	5,067	78,545
451-500	967,326	395,402	571,924	912,510	425,954	486,556	279,083	87,200	191,882
501-550	96,430	45,168	51,262	42,902	18,271	24,631	18,093	0	18,093
551-600	345,950	192,995	152,955	258,383	97,218	161,165	161,100	31,078	130,022
601-650	250,241	77,410	172,831	254,765	146,257	108,508	174,743	143,491	31,251
651-700	240,718	193,617	47,102	264,362	213,156	51,207	58,013	47,132	10,881
701-750	320,763	201,528	119,236	313,622	194,459	119,162	264,013	159,133	104,880
751-800	457,312	223,107	234,205	320,641	114,174	206,468	158,983	23,958	135,024
801-850	497,385	69,178	428,207	242,599	45,434	197,165	62,633	8,149	54,484
851-900	388,095	225,088	163,008	400,566	244,766	155,799	67,088	2,281	64,807
901-950	465,350	269,011	196,339	394,545	260,512	134,034	176,113	129,651	46,462
951-980	63,500	19,732	43,768	65,012	19,732	45,280	44,310	11,364	32,946
Unknown	1,767,372	560,587	1,206,786	1,839,957	510,626	1,329,331	1,143,581	482,565	661,016
Total	9,687,078	3,481,309	6,205,768	8,659,488	3,175,996	5,483,493	3,911,795	1,330,776	2,581,019
Upper Region	2,653,435	687,263	1,966,172	2,389,851	597,966	1,791,885	991,451	199,706	791,744
Middle Region	3,058,341	1,225,010	1,833,331	2,680,593	1,187,519	1,493,074	1,001,310	313,968	687,342
Lower Region	2,207,930	1,008,450	1,199,480	1,749,088	879,884	869,203	775,453	334,536	440,916
Unknown	1,767,372	560,587	1,206,786	1,839,957	510,626	1,329,331	1,143,581	482,565	661,016
Total	9,687,078	3,481,309	6,205,768	8,659,488	3,175,996	5,483,493	3,911,795	1,330,776	2,581,019

Table 27.3d. All Types of Recreation: Numbers of Events Among Adult and Child Participants (Combined) by River Section and Month (Part 4)

Section of the River (50-Mile Increments)	Total Number of Events in October			Total Number of Events in November			Total Number of Events in December		
	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation	All Recreation	Primary Recreation	Secondary Recreation
0-50	114,811	27,263	87,547	74,113	0	74,113	0	0	0
51-100	5,474	0	5,474	0	0	0	0	0	0
101-150	37,160	0	37,160	0	0	0	790	0	790
151-200	20,724	0	20,724	15,362	0	15,362	559	0	559
201-250	7,789	0	7,789	5,263	0	5,263	8,251	0	8,251
251-300	43,457	0	43,457	25,371	0	25,371	18,881	0	18,881
301-350	62,753	0	62,753	35,698	0	35,698	0	0	0
351-400	0	0	0	0	0	0	0	0	0
401-450	53,623	0	53,623	54,850	5,450	49,400	0	0	0
451-500	160,759	26,571	134,188	75,195	19,151	56,044	75,195	7,182	68,013
501-550	19,225	0	19,225	19,225	0	19,225	2,964	0	2,964
551-600	85,916	10,790	75,126	44,609	0	44,609	10,786	0	10,786
601-650	81,677	63,331	18,346	15,939	0	15,939	0	0	0
651-700	2,472	0	2,472	1,236	0	1,236	0	0	0
701-750	83,437	20,384	63,053	8,069	0	8,069	1,614	0	1,614
751-800	85,220	18,413	66,807	2,285	0	2,285	1,143	0	1,143
801-850	6,757	0	6,757	3,379	0	3,379	1,351	0	1,351
851-900	53,331	0	53,331	14,072	0	14,072	7,955	0	7,955
901-950	21,864	0	21,864	11,250	0	11,250	26,022	0	26,022
951-980	39,775	11,364	28,411	39,775	11,364	28,411	39,775	11,364	28,411
Unknown	80,209	11,364	68,845	15,172	11,364	3,808	11,364	11,364	0
Total	1,066,434	189,481	876,953	460,863	47,329	413,534	206,648	29,910	176,738
Upper Region	280,073	27,263	252,810	150,005	0	150,005	28,481	0	28,481
Middle Region	415,768	100,692	315,076	216,856	24,601	192,255	88,944	7,182	81,763
Lower Region	290,383	50,161	240,222	78,830	11,364	67,466	77,859	11,364	66,495
Unknown	80,209	11,364	68,845	15,172	11,364	3,808	11,364	11,364	0
Total	1,066,434	189,481	876,953	460,863	47,329	413,534	206,648	29,910	176,738

Table 28.1a. Operating Personal Watercraft: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Operating Personal Watercraft								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	10,124	299,345	0	0	0	42,983	42,983	42,983
51-100	0	0	0	0	0	0	0	0
101-150	1,943	5,830	0	0	0	0	0	3,886
151-200	14,020	133,952	0	0	0	2,111	4,223	22,459
201-250	2,631	21,050	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	10,948	89,678	0	0	0	0	0	22,479
351-400	4,177	79,236	0	0	0	0	0	16,445
401-450	7,360	31,878	0	0	0	0	0	0
451-500	24,667	306,554	0	0	0	2,394	0	94,284
501-550	8,065	16,130	0	0	0	0	0	8,065
551-600	3,082	15,408	0	0	0	0	0	0
601-650	13,501	297,026	0	0	6,376	70,131	91,883	72,756
651-700	3,489	13,958	0	0	0	0	0	6,979
701-750	2,025	27,860	0	0	0	0	807	4,460
751-800	571	27,425	0	0	0	0	4,571	4,571
801-850	4,421	33,477	0	0	0	0	0	7,433
851-900	1,313	11,813	0	0	0	0	2,625	2,625
901-950	11,994	259,558	0	0	0	0	61,264	66,358
951-980	0	0	0	0	0	0	0	0
Unknown	51,066	355,269	0	0	0	0	6,163	51,620
Total	175,397	2,025,446	0	0	6,376	117,619	214,519	427,404
Upper Region	36,700	490,530	0	0	0	45,094	47,206	74,010
Middle Region	67,307	819,514	0	0	6,376	72,525	91,883	216,327
Lower Region	20,323	360,133	0	0	0	0	69,267	85,447
Unknown	51,066	355,269	0	0	0	0	6,163	51,620
Total	175,397	2,025,446	0	0	6,376	117,619	214,519	427,404

Table 28.1b. Operating Personal Watercraft: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Operating Personal Watercraft								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	10,124	299,345	63,707	63,707	42,983	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	1,943	5,830	1,943	0	0	0	0	0
151-200	14,020	133,952	26,346	20,180	4,223	0	0	0
201-250	2,631	21,050	5,263	10,525	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	10,948	89,678	33,608	28,411	0	0	0	0
351-400	4,177	79,236	31,395	31,395	0	0	0	0
401-450	7,360	31,878	0	0	0	0	5,450	0
451-500	24,667	306,554	94,284	84,711	4,543	0	19,151	7,182
501-550	8,065	16,130	8,065	0	0	0	0	0
551-600	3,082	15,408	0	0	9,245	6,163	0	0
601-650	13,501	297,026	12,188	29,627	15,376	0	0	0
651-700	3,489	13,958	6,979	0	0	0	0	0
701-750	2,025	27,860	11,297	8,069	2,017	1,210	0	0
751-800	571	27,425	4,571	4,571	4,571	4,571	0	0
801-850	4,421	33,477	14,866	10,503	676	0	0	0
851-900	1,313	11,813	2,625	2,625	1,313	0	0	0
901-950	11,994	259,558	65,579	66,358	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	51,066	355,269	13,754	6,163	0	0	0	0
Total	175,397	2,025,446	396,469	366,845	84,946	11,944	24,601	7,182
Upper Region	36,700	490,530	113,069	99,094	47,206	0	0	0
Middle Region	67,307	819,514	170,709	169,463	29,164	6,163	24,601	7,182
Lower Region	20,323	360,133	98,937	92,125	8,576	5,781	0	0
Unknown	51,066	355,269	13,754	6,163	0	0	0	0
Total	175,397	2,025,446	396,469	366,845	84,946	11,944	24,601	7,182

Table 28.2a. Operating Personal Watercraft: Numbers of Child Participants and Events by River Section and Month (Part 1)

Operating Personal Watercraft								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	749	7,492	0	0	0	0	824	1,948
201-250	0	0	0	0	0	0	0	0
251-300	218	2,136	0	0	0	0	350	479
301-350	590	4,723	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	11,349	28,855	0	0	0	0	0	3,329
501-550	0	0	0	0	0	0	0	0
551-600	4,844	38,099	0	0	0	0	4,675	9,976
601-650	3,174	52,374	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	451	8,109	0	0	0	0	0	0
751-800	0	0	0	0	0	0	0	0
801-850	928	19,596	0	0	0	0	0	5,333
851-900	0	0	0	0	0	0	0	0
901-950	328	8,200	0	0	0	0	656	2,296
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	22,631	169,585	0	0	0	0	6,504	23,360
Upper Region	1,557	14,351	0	0	0	0	1,174	2,427
Middle Region	19,367	119,328	0	0	0	0	4,675	13,305
Lower Region	1,707	35,905	0	0	0	0	656	7,629
Unknown	0	0	0	0	0	0	0	0
Total	22,631	169,585	0	0	0	0	6,504	23,360

Table 28.2b. Operating Personal Watercraft: Numbers of Child Participants and Events by River Section and Month (Part 2)

Operating Personal Watercraft								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	749	7,492	1,948	1,948	824	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	218	2,136	479	479	350	0	0	0
301-350	590	4,723	4,723	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	11,349	28,855	3,329	22,197	0	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	4,844	38,099	9,976	9,944	1,765	1,765	0	0
601-650	3,174	52,374	0	38,090	14,284	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	451	8,109	6,082	2,027	0	0	0	0
751-800	0	0	0	0	0	0	0	0
801-850	928	19,596	8,931	5,333	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	328	8,200	2,296	2,296	656	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	22,631	169,585	37,764	82,314	17,878	1,765	0	0
Upper Region	1,557	14,351	7,150	2,427	1,174	0	0	0
Middle Region	19,367	119,328	13,305	70,231	16,049	1,765	0	0
Lower Region	1,707	35,905	17,309	9,656	656	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	22,631	169,585	37,764	82,314	17,878	1,765	0	0

Table 28.3a. Operating Personal Watercraft: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 1)

Operating Personal Watercraft								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	10,124	299,345	0	0	0	42,983	42,983	42,983
51-100	0	0	0	0	0	0	0	0
101-150	1,943	5,830	0	0	0	0	0	3,886
151-200	14,769	141,443	0	0	0	2,111	5,047	24,407
201-250	2,631	21,050	0	0	0	0	0	0
251-300	218	2,136	0	0	0	0	350	479
301-350	11,538	94,401	0	0	0	0	0	22,479
351-400	4,177	79,236	0	0	0	0	0	16,445
401-450	7,360	31,878	0	0	0	0	0	0
451-500	36,016	335,410	0	0	0	2,394	0	97,614
501-550	8,065	16,130	0	0	0	0	0	8,065
551-600	7,925	53,507	0	0	0	0	4,675	9,976
601-650	16,675	349,400	0	0	6,376	70,131	91,883	72,756
651-700	3,489	13,958	0	0	0	0	0	6,979
701-750	2,475	35,970	0	0	0	0	807	4,460
751-800	571	27,425	0	0	0	0	4,571	4,571
801-850	5,349	53,073	0	0	0	0	0	12,766
851-900	1,313	11,813	0	0	0	0	2,625	2,625
901-950	12,322	267,758	0	0	0	0	61,920	68,654
951-980	0	0	0	0	0	0	0	0
Unknown	51,066	355,269	0	0	0	0	6,163	51,620
Total	198,028	2,195,031	0	0	6,376	117,619	221,023	450,764
Upper Region	38,258	504,881	0	0	0	45,094	48,379	76,437
Middle Region	86,674	938,843	0	0	6,376	72,525	96,558	229,632
Lower Region	22,030	396,038	0	0	0	0	69,923	93,075
Unknown	51,066	355,269	0	0	0	0	6,163	51,620
Total	198,028	2,195,031	0	0	6,376	117,619	221,023	450,764

Table 28.3b. Operating Personal Watercraft: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 2)

Operating Personal Watercraft								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	10,124	299,345	63,707	63,707	42,983	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	1,943	5,830	1,943	0	0	0	0	0
151-200	14,769	141,443	28,294	22,128	5,047	0	0	0
201-250	2,631	21,050	5,263	10,525	0	0	0	0
251-300	218	2,136	479	479	350	0	0	0
301-350	11,538	94,401	38,331	28,411	0	0	0	0
351-400	4,177	79,236	31,395	31,395	0	0	0	0
401-450	7,360	31,878	0	0	0	0	5,450	0
451-500	36,016	335,410	97,614	106,908	4,543	0	19,151	7,182
501-550	8,065	16,130	8,065	0	0	0	0	0
551-600	7,925	53,507	9,976	9,944	11,009	7,928	0	0
601-650	16,675	349,400	12,188	67,718	29,660	0	0	0
651-700	3,489	13,958	6,979	0	0	0	0	0
701-750	2,475	35,970	17,379	10,096	2,017	1,210	0	0
751-800	571	27,425	4,571	4,571	4,571	4,571	0	0
801-850	5,349	53,073	23,797	15,835	676	0	0	0
851-900	1,313	11,813	2,625	2,625	1,313	0	0	0
901-950	12,322	267,758	67,875	68,654	656	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	51,066	355,269	13,754	6,163	0	0	0	0
Total	198,028	2,195,031	434,233	449,159	102,824	13,709	24,601	7,182
Upper Region	38,258	504,881	120,219	101,521	48,379	0	0	0
Middle Region	86,674	938,843	184,014	239,694	45,213	7,928	24,601	7,182
Lower Region	22,030	396,038	116,246	101,781	9,232	5,781	0	0
Unknown	51,066	355,269	13,754	6,163	0	0	0	0
Total	198,028	2,195,031	434,233	449,159	102,824	13,709	24,601	7,182

Table 29.1a. Kayaking: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Kayaking								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	29,403	93,023	0	0	0	11,386	11,386	15,491
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	3,147	4,720	0	0	0	0	0	3,147
351-400	2,966	5,932	0	0	0	0	0	0
401-450	2,394	2,394	0	0	0	0	0	0
451-500	4,788	4,788	0	0	0	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	403	29,049	0	0	0	0	4,841	4,841
751-800	647	647	0	0	0	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	0	0	0	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	43,748	140,554	0	0	0	11,386	16,227	23,479
Upper Region	32,550	97,744	0	0	0	11,386	11,386	18,638
Middle Region	10,148	13,114	0	0	0	0	0	0
Lower Region	1,051	29,696	0	0	0	0	4,841	4,841
Unknown	0	0	0	0	0	0	0	0
Total	43,748	140,554	0	0	0	11,386	16,227	23,479

Table 29.1b. Kayaking: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Kayaking								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	29,403	93,023	22,092	24,207	8,461	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	3,147	4,720	1,573	0	0	0	0	0
351-400	2,966	5,932	5,932	0	0	0	0	0
401-450	2,394	2,394	0	2,394	0	0	0	0
451-500	4,788	4,788	4,788	0	0	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	403	29,049	4,841	4,841	4,841	4,841	0	0
751-800	647	647	647	0	0	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	0	0	0	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	43,748	140,554	39,875	31,443	13,302	4,841	0	0
Upper Region	32,550	97,744	23,666	24,207	8,461	0	0	0
Middle Region	10,148	13,114	10,720	2,394	0	0	0	0
Lower Region	1,051	29,696	5,489	4,841	4,841	4,841	0	0
Unknown	0	0	0	0	0	0	0	0
Total	43,748	140,554	39,875	31,443	13,302	4,841	0	0

Table 29.2a. Kayaking: Numbers of Child Participants and Events by River Section and Month (Part 1)

Kayaking								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	7,055	14,109	0	0	0	0	0	4,727
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	1,198	1,198	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	2,026	60,788	0	0	0	6,079	0	16,210
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	270	5,406	0	0	0	541	0	1,443
751-800	0	0	0	0	0	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	0	0	0	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	10,549	81,501	0	0	0	6,619	0	22,380
Upper Region	7,055	14,109	0	0	0	0	0	4,727
Middle Region	3,224	61,985	0	0	0	6,079	0	16,210
Lower Region	270	5,406	0	0	0	541	0	1,443
Unknown	0	0	0	0	0	0	0	0
Total	10,549	81,501	0	0	0	6,619	0	22,380

Table 29.2b. Kayaking: Numbers of Child Participants and Events by River Section and Month (Part 2)

Kayaking								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	7,055	14,109	4,727	4,656	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	1,198	1,198	599	599	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	2,026	60,788	16,210	16,210	0	6,079	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	270	5,406	1,441	1,441	0	541	0	0
751-800	0	0	0	0	0	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	0	0	0	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	10,549	81,501	22,976	22,906	0	6,619	0	0
Upper Region	7,055	14,109	4,727	4,656	0	0	0	0
Middle Region	3,224	61,985	16,809	16,809	0	6,079	0	0
Lower Region	270	5,406	1,441	1,441	0	541	0	0
Unknown	0	0	0	0	0	0	0	0
Total	10,549	81,501	22,976	22,906	0	6,619	0	0

Table 29.3a. Kayaking: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 1)

Kayaking								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	36,458	107,133	0	0	0	11,386	11,386	20,218
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	4,345	5,918	0	0	0	0	0	3,147
351-400	2,966	5,932	0	0	0	0	0	0
401-450	2,394	2,394	0	0	0	0	0	0
451-500	6,814	65,575	0	0	0	6,079	0	16,210
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	674	34,455	0	0	0	541	4,841	6,285
751-800	647	647	0	0	0	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	0	0	0	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	54,297	222,055	0	0	0	18,005	16,227	45,859
Upper Region	39,604	111,853	0	0	0	11,386	11,386	23,364
Middle Region	13,372	75,099	0	0	0	6,079	0	16,210
Lower Region	1,321	35,102	0	0	0	541	4,841	6,285
Unknown	0	0	0	0	0	0	0	0
Total	54,297	222,055	0	0	0	18,005	16,227	45,859

Table 29.3b. Kayaking: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 2)

Kayaking								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	36,458	107,133	26,819	28,864	8,461	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	4,345	5,918	2,172	599	0	0	0	0
351-400	2,966	5,932	5,932	0	0	0	0	0
401-450	2,394	2,394	0	2,394	0	0	0	0
451-500	6,814	65,575	20,998	16,210	0	6,079	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	674	34,455	6,282	6,282	4,841	5,382	0	0
751-800	647	647	647	0	0	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	0	0	0	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	54,297	222,055	62,851	54,349	13,302	11,461	0	0
Upper Region	39,604	111,853	28,392	28,864	8,461	0	0	0
Middle Region	13,372	75,099	27,529	19,203	0	6,079	0	0
Lower Region	1,321	35,102	6,929	6,282	4,841	5,382	0	0
Unknown	0	0	0	0	0	0	0	0
Total	54,297	222,055	62,851	54,349	13,302	11,461	0	0

Table 30.1a. Waterskiing / Wakeboarding: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Waterskiing / Wakeboarding								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	32,668	419,392	0	0	0	49,799	56,614	76,312
51-100	0	0	0	0	0	0	0	0
101-150	3,890	42,243	0	0	0	0	0	11,670
151-200	5,830	82,353	0	0	0	0	0	24,815
201-250	0	0	0	0	0	0	0	0
251-300	4,721	28,327	0	0	0	0	0	0
301-350	2,966	65,257	0	0	0	0	0	23,730
351-400	2,966	62,290	0	0	0	0	0	14,831
401-450	0	0	0	0	0	0	0	0
451-500	32,216	272,657	0	0	0	0	30,601	57,967
501-550	0	0	0	0	0	0	0	0
551-600	3,958	42,548	0	0	0	0	0	10,995
601-650	6,376	114,760	0	0	0	0	0	0
651-700	15,653	263,453	0	0	0	0	15,711	76,394
701-750	807	9,683	0	0	0	0	0	0
751-800	9,633	131,448	0	0	0	0	0	57,935
801-850	3,881	29,705	0	0	0	0	1,254	7,838
851-900	8,878	229,206	0	0	0	0	0	0
901-950	9,386	245,553	0	0	0	1,726	61,388	61,388
951-980	0	0	0	0	0	0	0	0
Unknown	21,079	295,757	0	0	6,376	6,376	6,376	41,123
Total	164,909	2,334,633	0	0	6,376	57,900	171,944	464,997
Upper Region	47,110	572,315	0	0	0	49,799	56,614	112,797
Middle Region	63,731	819,353	0	0	0	0	46,312	183,917
Lower Region	32,988	647,208	0	0	0	1,726	62,642	127,161
Unknown	21,079	295,757	0	0	6,376	6,376	6,376	41,123
Total	164,909	2,334,633	0	0	6,376	57,900	171,944	464,997

Table 30.1b. Waterskiing / Wakeboarding: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Waterskiing / Wakeboarding								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	32,668	419,392	101,203	85,733	49,799	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	3,890	42,243	13,970	12,949	3,655	0	0	0
151-200	5,830	82,353	29,925	27,613	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	4,721	28,327	14,163	14,163	0	0	0	0
301-350	2,966	65,257	17,797	23,730	0	0	0	0
351-400	2,966	62,290	23,730	23,730	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	32,216	272,657	87,839	59,521	34,925	4,952	0	0
501-550	0	0	0	0	0	0	0	0
551-600	3,958	42,548	17,371	14,183	0	0	0	0
601-650	6,376	114,760	0	12,751	51,005	51,005	0	0
651-700	15,653	263,453	77,201	78,437	15,711	0	0	0
701-750	807	9,683	4,841	4,841	0	0	0	0
751-800	9,633	131,448	73,513	0	0	0	0	0
801-850	3,881	29,705	10,988	6,492	3,134	0	0	0
851-900	8,878	229,206	110,254	110,254	0	0	0	0
901-950	9,386	245,553	61,388	59,662	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	21,079	295,757	65,244	30,816	30,816	0	0	0
Total	164,909	2,334,633	709,429	564,875	189,044	55,957	0	0
Upper Region	47,110	572,315	159,262	140,458	53,453	0	0	0
Middle Region	63,731	819,353	223,130	211,545	101,641	55,957	0	0
Lower Region	32,988	647,208	261,792	182,056	3,134	0	0	0
Unknown	21,079	295,757	65,244	30,816	30,816	0	0	0
Total	164,909	2,334,633	709,429	564,875	189,044	55,957	0	0

Table 30.2a. Waterskiing / Wakeboarding: Numbers of Child Participants and Events by River Section and Month (Part 1)

Waterskiing / Wakeboarding								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	7,855	66,056	0	0	0	0	8,818	17,637
51-100	0	0	0	0	0	0	0	0
101-150	382	382	0	0	0	0	0	0
151-200	4,880	28,277	0	0	0	0	0	9,426
201-250	0	0	0	0	0	0	0	0
251-300	3,469	21,304	0	0	0	0	0	599
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	1,013	10,135	0	0	0	0	0	2,534
451-500	8,151	46,319	0	0	0	0	4,260	10,815
501-550	0	0	0	0	0	0	0	0
551-600	4,495	56,801	0	0	0	0	0	9,804
601-650	5,632	56,318	0	0	0	0	4,449	15,278
651-700	0	0	0	0	0	0	0	0
701-750	270	5,406	0	0	0	0	0	0
751-800	1,081	3,242	0	0	0	0	0	1,081
801-850	201	201	0	0	0	0	0	0
851-900	470	3,877	0	0	0	0	0	968
901-950	0	0	0	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	37,899	298,318	0	0	0	0	17,528	68,140
Upper Region	16,586	116,019	0	0	0	0	8,818	27,661
Middle Region	19,292	169,573	0	0	0	0	8,709	38,430
Lower Region	2,022	12,726	0	0	0	0	0	2,049
Unknown	0	0	0	0	0	0	0	0
Total	37,899	298,318	0	0	0	0	17,528	68,140

Table 30.2b. Waterskiing / Wakeboarding: Numbers of Child Participants and Events by River Section and Month (Part 2)

Waterskiing / Wakeboarding								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	7,855	66,056	21,964	17,637	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	382	382	382	0	0	0	0	0
151-200	4,880	28,277	9,426	9,426	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	3,469	21,304	10,353	10,353	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	1,013	10,135	2,534	2,534	2,534	0	0	0
451-500	8,151	46,319	13,076	12,173	5,995	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	4,495	56,801	23,274	16,926	6,797	0	0	0
601-650	5,632	56,318	15,278	15,278	6,036	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	270	5,406	2,703	2,703	0	0	0	0
751-800	1,081	3,242	1,081	1,081	0	0	0	0
801-850	201	201	201	0	0	0	0	0
851-900	470	3,877	973	968	968	0	0	0
901-950	0	0	0	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	37,899	298,318	101,243	89,077	22,330	0	0	0
Upper Region	16,586	116,019	42,124	37,415	0	0	0	0
Middle Region	19,292	169,573	54,161	46,910	21,362	0	0	0
Lower Region	2,022	12,726	4,958	4,752	968	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	37,899	298,318	101,243	89,077	22,330	0	0	0

Table 30.3a. Waterskiing / Wakeboarding: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 1)

Waterskiing / Wakeboarding								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	40,523	485,448	0	0	0	49,799	65,433	93,949
51-100	0	0	0	0	0	0	0	0
101-150	4,273	42,625	0	0	0	0	0	11,670
151-200	10,710	110,629	0	0	0	0	0	34,240
201-250	0	0	0	0	0	0	0	0
251-300	8,190	49,631	0	0	0	0	0	599
301-350	2,966	65,257	0	0	0	0	0	23,730
351-400	2,966	62,290	0	0	0	0	0	14,831
401-450	1,013	10,135	0	0	0	0	0	2,534
451-500	40,367	318,976	0	0	0	0	34,862	68,781
501-550	0	0	0	0	0	0	0	0
551-600	8,453	99,350	0	0	0	0	0	20,799
601-650	12,007	171,078	0	0	0	0	4,449	15,278
651-700	15,653	263,453	0	0	0	0	15,711	76,394
701-750	1,077	15,089	0	0	0	0	0	0
751-800	10,713	134,690	0	0	0	0	0	59,015
801-850	4,082	29,906	0	0	0	0	1,254	7,838
851-900	9,348	233,083	0	0	0	0	0	968
901-950	9,386	245,553	0	0	0	1,726	61,388	61,388
951-980	0	0	0	0	0	0	0	0
Unknown	21,079	295,757	0	0	6,376	6,376	6,376	41,123
Total	202,808	2,632,951	0	0	6,376	57,900	189,471	533,137
Upper Region	63,696	688,334	0	0	0	49,799	65,433	140,458
Middle Region	83,023	988,925	0	0	0	0	55,021	222,347
Lower Region	35,010	659,935	0	0	0	1,726	62,642	129,210
Unknown	21,079	295,757	0	0	6,376	6,376	6,376	41,123
Total	202,808	2,632,951	0	0	6,376	57,900	189,471	533,137

Table 30.3b. Waterskiing / Wakeboarding: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 2)

Waterskiing / Wakeboarding								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	40,523	485,448	123,167	103,370	49,799	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	4,273	42,625	14,352	12,949	3,655	0	0	0
151-200	10,710	110,629	39,351	37,038	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	8,190	49,631	24,516	24,516	0	0	0	0
301-350	2,966	65,257	17,797	23,730	0	0	0	0
351-400	2,966	62,290	23,730	23,730	0	0	0	0
401-450	1,013	10,135	2,534	2,534	2,534	0	0	0
451-500	40,367	318,976	100,915	71,695	40,920	4,952	0	0
501-550	0	0	0	0	0	0	0	0
551-600	8,453	99,350	40,645	31,108	6,797	0	0	0
601-650	12,007	171,078	15,278	28,029	57,041	51,005	0	0
651-700	15,653	263,453	77,201	78,437	15,711	0	0	0
701-750	1,077	15,089	7,545	7,545	0	0	0	0
751-800	10,713	134,690	74,594	1,081	0	0	0	0
801-850	4,082	29,906	11,189	6,492	3,134	0	0	0
851-900	9,348	233,083	111,227	111,222	968	0	0	0
901-950	9,386	245,553	61,388	59,662	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	21,079	295,757	65,244	30,816	30,816	0	0	0
Total	202,808	2,632,951	810,671	653,952	211,374	55,957	0	0
Upper Region	63,696	688,334	201,386	177,873	53,453	0	0	0
Middle Region	83,023	988,925	277,292	258,455	123,003	55,957	0	0
Lower Region	35,010	659,935	266,750	186,808	4,102	0	0	0
Unknown	21,079	295,757	65,244	30,816	30,816	0	0	0
Total	202,808	2,632,951	810,671	653,952	211,374	55,957	0	0

Table 31.1a. Tubing: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Tubing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	19,856	377,647	0	0	0	42,983	49,799	70,825
51-100	0	0	0	0	0	0	0	0
101-150	5,548	57,076	0	0	0	0	0	11,156
151-200	0	0	0	0	0	0	0	0
201-250	3,947	60,507	0	0	0	0	0	0
251-300	4,721	28,327	0	0	0	0	0	14,163
301-350	4,693	66,230	0	0	0	0	0	17,797
351-400	2,966	62,290	0	0	0	0	0	14,831
401-450	1,910	20,535	0	0	0	0	0	0
451-500	13,155	156,384	0	0	0	0	30,601	40,709
501-550	8,065	16,130	0	0	0	0	0	8,065
551-600	10,333	52,112	0	0	0	0	0	4,619
601-650	3,188	12,751	0	0	0	0	0	0
651-700	7,855	219,947	0	0	0	0	15,711	62,842
701-750	0	0	0	0	0	0	0	0
751-800	11,123	95,288	0	0	0	0	0	31,780
801-850	1,003	6,019	0	0	0	0	0	2,006
851-900	1,003	7,694	0	0	0	0	0	0
901-950	2,053	16,428	0	0	0	1,726	4,107	4,107
951-980	0	0	0	0	0	0	0	0
Unknown	16,199	277,463	0	0	0	0	0	14,695
Total	117,619	1,532,829	0	0	0	44,709	100,217	297,596
Upper Region	35,798	530,462	0	0	0	42,983	49,799	96,144
Middle Region	50,439	599,475	0	0	0	0	46,312	148,863
Lower Region	15,183	125,430	0	0	0	1,726	4,107	37,894
Unknown	16,199	277,463	0	0	0	0	0	14,695
Total	117,619	1,532,829	0	0	0	44,709	100,217	297,596

Table 31.1b. Tubing: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Tubing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	19,856	377,647	87,232	83,824	42,983	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	5,548	57,076	12,631	11,599	3,655	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	3,947	60,507	0	0	0	0	0	0
251-300	4,721	28,327	14,163	0	0	0	0	0
301-350	4,693	66,230	24,703	23,730	0	0	0	0
351-400	2,966	62,290	23,730	23,730	0	0	0	0
401-450	1,910	20,535	0	0	0	0	0	0
451-500	13,155	156,384	40,506	29,712	9,904	4,952	0	0
501-550	8,065	16,130	8,065	0	0	0	0	0
551-600	10,333	52,112	42,873	4,619	0	0	0	0
601-650	3,188	12,751	0	0	12,751	0	0	0
651-700	7,855	219,947	31,421	62,842	15,711	0	0	0
701-750	0	0	0	0	0	0	0	0
751-800	11,123	95,288	45,948	6,876	0	0	0	0
801-850	1,003	6,019	2,006	2,006	0	0	0	0
851-900	1,003	7,694	0	0	0	0	0	0
901-950	2,053	16,428	4,107	2,381	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	16,199	277,463	42,933	41,116	30,816	0	0	0
Total	117,619	1,532,829	380,317	292,436	115,819	4,952	0	0
Upper Region	35,798	530,462	120,932	95,423	46,637	0	0	0
Middle Region	50,439	599,475	164,392	144,633	38,366	4,952	0	0
Lower Region	15,183	125,430	52,061	11,263	0	0	0	0
Unknown	16,199	277,463	42,933	41,116	30,816	0	0	0
Total	117,619	1,532,829	380,317	292,436	115,819	4,952	0	0

Table 31.2a. Tubing: Numbers of Child Participants and Events by River Section and Month (Part 1)

Tubing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	5,291	13,228	0	0	0	0	0	2,646
51-100	1,133	3,400	0	0	0	0	0	1,133
101-150	0	0	0	0	0	0	0	0
151-200	4,880	28,277	0	0	0	0	0	9,426
201-250	0	0	0	0	0	0	0	0
251-300	6,354	27,102	0	0	0	0	0	11,804
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	6,805	16,957	0	0	0	0	0	5,583
451-500	7,672	57,725	0	0	0	0	2,782	16,861
501-550	2,702	10,807	0	0	0	0	0	2,702
551-600	1,321	25,059	0	0	0	0	0	6,263
601-650	5,632	83,256	0	0	0	0	13,469	18,230
651-700	0	0	0	0	0	0	0	0
701-750	0	0	0	0	0	0	0	0
751-800	1,197	10,433	0	0	0	0	1,074	2,620
801-850	625	6,349	0	0	0	0	530	1,696
851-900	0	0	0	0	0	0	0	0
901-950	328	8,200	0	0	0	0	1,148	1,968
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	43,940	290,791	0	0	0	0	19,003	80,930
Upper Region	17,658	72,006	0	0	0	0	0	25,008
Middle Region	24,132	193,804	0	0	0	0	16,251	49,638
Lower Region	2,150	24,982	0	0	0	0	2,752	6,284
Unknown	0	0	0	0	0	0	0	0
Total	43,940	290,791	0	0	0	0	19,003	80,930

Table 31.2b. Tubing: Numbers of Child Participants and Events by River Section and Month (Part 2)

Tubing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	5,291	13,228	5,291	2,646	0	0	0	0
51-100	1,133	3,400	1,133	1,133	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	4,880	28,277	9,426	9,426	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	6,354	27,102	13,248	2,050	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	6,805	16,957	10,859	515	0	0	0	0
451-500	7,672	57,725	17,288	16,285	2,255	2,255	0	0
501-550	2,702	10,807	5,403	2,702	0	0	0	0
551-600	1,321	25,059	6,573	6,263	5,960	0	0	0
601-650	5,632	83,256	18,271	18,230	15,056	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	0	0	0	0	0	0	0	0
751-800	1,197	10,433	3,044	2,620	1,074	0	0	0
801-850	625	6,349	1,897	1,696	530	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	328	8,200	1,968	1,968	1,148	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	43,940	290,791	94,401	65,534	26,023	2,255	0	0
Upper Region	17,658	72,006	29,098	15,254	0	0	0	0
Middle Region	24,132	193,804	58,394	43,995	23,271	2,255	0	0
Lower Region	2,150	24,982	6,909	6,284	2,752	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	43,940	290,791	94,401	65,534	26,023	2,255	0	0

Table 31.3a. Tubing: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 1)

Tubing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	25,147	390,874	0	0	0	42,983	49,799	73,471
51-100	1,133	3,400	0	0	0	0	0	1,133
101-150	5,548	57,076	0	0	0	0	0	11,156
151-200	4,880	28,277	0	0	0	0	0	9,426
201-250	3,947	60,507	0	0	0	0	0	0
251-300	11,075	55,429	0	0	0	0	0	25,967
301-350	4,693	66,230	0	0	0	0	0	17,797
351-400	2,966	62,290	0	0	0	0	0	14,831
401-450	8,716	37,493	0	0	0	0	0	5,583
451-500	20,827	214,109	0	0	0	0	33,384	57,569
501-550	10,767	26,937	0	0	0	0	0	10,767
551-600	11,655	77,171	0	0	0	0	0	10,882
601-650	8,820	96,007	0	0	0	0	13,469	18,230
651-700	7,855	219,947	0	0	0	0	15,711	62,842
701-750	0	0	0	0	0	0	0	0
751-800	12,320	105,721	0	0	0	0	1,074	34,400
801-850	1,628	12,368	0	0	0	0	530	3,702
851-900	1,003	7,694	0	0	0	0	0	0
901-950	2,381	24,628	0	0	0	1,726	5,255	6,075
951-980	0	0	0	0	0	0	0	0
Unknown	16,199	277,463	0	0	0	0	0	14,695
Total	161,560	1,823,621	0	0	0	44,709	119,221	378,526
Upper Region	53,457	602,468	0	0	0	42,983	49,799	121,152
Middle Region	74,571	793,279	0	0	0	0	62,563	198,502
Lower Region	17,333	150,411	0	0	0	1,726	6,859	44,178
Unknown	16,199	277,463	0	0	0	0	0	14,695
Total	161,560	1,823,621	0	0	0	44,709	119,221	378,526

Table 31.3b. Tubing: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 2)

Tubing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	25,147	390,874	92,523	86,470	42,983	0	0	0
51-100	1,133	3,400	1,133	1,133	0	0	0	0
101-150	5,548	57,076	12,631	11,599	3,655	0	0	0
151-200	4,880	28,277	9,426	9,426	0	0	0	0
201-250	3,947	60,507	0	0	0	0	0	0
251-300	11,075	55,429	27,412	2,050	0	0	0	0
301-350	4,693	66,230	24,703	23,730	0	0	0	0
351-400	2,966	62,290	23,730	23,730	0	0	0	0
401-450	8,716	37,493	10,859	515	0	0	0	0
451-500	20,827	214,109	57,793	45,998	12,159	7,207	0	0
501-550	10,767	26,937	13,468	2,702	0	0	0	0
551-600	11,655	77,171	49,446	10,882	5,960	0	0	0
601-650	8,820	96,007	18,271	18,230	27,807	0	0	0
651-700	7,855	219,947	31,421	62,842	15,711	0	0	0
701-750	0	0	0	0	0	0	0	0
751-800	12,320	105,721	48,992	9,496	1,074	0	0	0
801-850	1,628	12,368	3,903	3,702	530	0	0	0
851-900	1,003	7,694	0	0	0	0	0	0
901-950	2,381	24,628	6,075	4,349	1,148	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	16,199	277,463	42,933	41,116	30,816	0	0	0
Total	161,560	1,823,621	474,719	357,970	141,842	7,207	0	0
Upper Region	53,457	602,468	150,030	110,678	46,637	0	0	0
Middle Region	74,571	793,279	222,786	188,629	61,636	7,207	0	0
Lower Region	17,333	150,411	58,970	17,547	2,752	0	0	0
Unknown	16,199	277,463	42,933	41,116	30,816	0	0	0
Total	161,560	1,823,621	474,719	357,970	141,842	7,207	0	0

Table 32.1a. Swimming: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Swimming								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	13,632	269,227	0	0	0	27,263	34,076	44,303
51-100	0	0	0	0	0	0	0	0
101-150	2,617	24,840	0	0	0	0	0	7,851
151-200	16,244	188,468	0	0	0	0	0	15,895
201-250	1,463	15,277	0	0	0	0	0	0
251-300	1,463	21,130	0	0	0	0	0	0
301-350	16,017	192,306	0	0	0	0	16,738	36,427
351-400	11,865	83,054	0	0	0	0	0	20,763
401-450	3,898	30,797	0	0	0	0	0	0
451-500	24,987	369,178	0	0	0	0	34,007	84,274
501-550	9,828	33,760	0	0	0	0	0	8,065
551-600	30,018	299,596	0	0	0	0	0	19,953
601-650	5,376	103,518	0	0	0	12,326	12,326	19,349
651-700	14,631	260,603	0	0	0	0	15,711	76,394
701-750	19,131	666,471	0	0	0	0	10,967	142,591
751-800	15,999	424,057	0	0	0	0	74,113	85,390
801-850	5,684	75,893	0	0	0	0	1,254	12,573
851-900	8,878	219,169	0	0	0	0	0	0
901-950	8,523	639,237	0	0	0	0	127,847	127,847
951-980	1,512	12,093	0	0	0	0	0	0
Unknown	91,300	1,971,635	0	0	0	0	35,676	462,275
Total	303,068	5,900,309	0	0	0	39,590	362,714	1,163,952
Upper Region	40,505	552,759	0	0	0	27,263	34,076	72,731
Middle Region	111,937	1,347,063	0	0	0	12,326	78,782	260,543
Lower Region	59,325	2,028,851	0	0	0	0	214,180	368,402
Unknown	91,300	1,971,635	0	0	0	0	35,676	462,275
Total	303,068	5,900,309	0	0	0	39,590	362,714	1,163,952

Table 32.1b. Swimming: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Swimming								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	13,632	269,227	62,118	54,527	27,263	27,263	0	0
51-100	0	0	0	0	0	0	0	0
101-150	2,617	24,840	7,851	5,482	3,655	0	0	0
151-200	16,244	188,468	86,189	86,383	0	0	0	0
201-250	1,463	15,277	0	0	0	0	0	0
251-300	1,463	21,130	0	0	0	0	0	0
301-350	16,017	192,306	42,006	52,172	4,682	0	0	0
351-400	11,865	83,054	38,561	23,730	0	0	0	0
401-450	3,898	30,797	1,988	3,976	0	0	0	0
451-500	24,987	369,178	96,576	131,390	17,969	4,952	0	0
501-550	9,828	33,760	16,880	8,815	0	0	0	0
551-600	30,018	299,596	71,099	29,658	0	0	0	0
601-650	5,376	103,518	15,514	16,161	15,514	12,326	0	0
651-700	14,631	260,603	76,394	71,877	15,711	0	0	0
701-750	19,131	666,471	168,081	170,536	152,274	13,791	0	0
751-800	15,999	424,057	79,580	79,727	17,430	13,843	0	0
801-850	5,684	75,893	22,730	15,276	3,810	0	0	0
851-900	8,878	219,169	94,504	114,192	0	0	0	0
901-950	8,523	639,237	127,847	127,847	127,847	0	0	0
951-980	1,512	12,093	6,047	6,047	0	0	0	0
Unknown	91,300	1,971,635	422,610	416,485	409,569	0	0	0
Total	303,068	5,900,309	1,436,575	1,414,281	795,724	72,176	0	0
Upper Region	40,505	552,759	160,840	158,097	35,600	27,263	0	0
Middle Region	111,937	1,347,063	354,337	326,074	49,194	17,278	0	0
Lower Region	59,325	2,028,851	498,788	513,625	301,361	27,634	0	0
Unknown	91,300	1,971,635	422,610	416,485	409,569	0	0	0
Total	303,068	5,900,309	1,436,575	1,414,281	795,724	72,176	0	0

Table 32.2a. Swimming: Numbers of Child Participants and Events by River Section and Month (Part 1)

Swimming								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	7,927	76,687	0	0	0	0	13,040	17,631
51-100	1,133	1,133	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	749	7,492	0	0	0	0	0	2,248
201-250	0	0	0	0	0	0	0	0
251-300	218	2,114	0	0	0	0	0	703
301-350	0	0	0	0	0	0	0	0
351-400	5,673	113,454	0	0	0	0	0	0
401-450	6,676	27,726	0	0	0	0	0	3,035
451-500	9,033	44,606	0	0	0	0	3,382	5,664
501-550	2,702	20,263	0	0	0	0	0	6,754
551-600	10,022	67,974	0	0	0	2,862	5,724	11,760
601-650	5,632	75,320	0	0	0	0	13,469	16,103
651-700	541	1,622	0	0	0	0	0	0
701-750	374	2,241	0	0	0	0	0	0
751-800	3,474	28,225	0	0	0	0	0	2,487
801-850	2,322	15,799	0	0	0	0	0	4,112
851-900	1,940	33,973	0	0	0	0	0	1,523
901-950	328	8,200	0	0	0	0	0	4,100
951-980	929	4,643	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	59,670	531,471	0	0	0	2,862	35,615	76,120
Upper Region	10,027	87,426	0	0	0	0	13,040	20,582
Middle Region	40,276	350,964	0	0	0	2,862	22,575	43,317
Lower Region	9,367	93,081	0	0	0	0	0	12,221
Unknown	0	0	0	0	0	0	0	0
Total	59,670	531,471	0	0	0	2,862	35,615	76,120

Table 32.2b. Swimming: Numbers of Child Participants and Events by River Section and Month (Part 2)

Swimming								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	7,927	76,687	21,958	17,631	6,427	0	0	0
51-100	1,133	1,133	1,133	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	749	7,492	2,248	2,248	749	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	218	2,114	706	706	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	5,673	113,454	56,727	56,727	0	0	0	0
401-450	6,676	27,726	17,921	4,236	2,534	0	0	0
451-500	9,033	44,606	14,324	14,311	3,544	3,382	0	0
501-550	2,702	20,263	6,754	6,754	0	0	0	0
551-600	10,022	67,974	21,830	15,625	7,311	2,862	0	0
601-650	5,632	75,320	16,160	16,119	13,469	0	0	0
651-700	541	1,622	1,622	0	0	0	0	0
701-750	374	2,241	2,241	0	0	0	0	0
751-800	3,474	28,225	12,431	12,423	884	0	0	0
801-850	2,322	15,799	7,559	4,129	0	0	0	0
851-900	1,940	33,973	16,228	16,223	0	0	0	0
901-950	328	8,200	4,100	0	0	0	0	0
951-980	929	4,643	2,321	2,321	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	59,670	531,471	206,262	169,452	34,917	6,244	0	0
Upper Region	10,027	87,426	26,044	20,584	7,176	0	0	0
Middle Region	40,276	350,964	135,338	113,772	26,857	6,244	0	0
Lower Region	9,367	93,081	44,880	35,096	884	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	59,670	531,471	206,262	169,452	34,917	6,244	0	0

Table 32.3a. Swimming: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 1)

Swimming								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	21,559	345,914	0	0	0	27,263	47,116	61,934
51-100	1,133	1,133	0	0	0	0	0	0
101-150	2,617	24,840	0	0	0	0	0	7,851
151-200	16,993	195,959	0	0	0	0	0	18,143
201-250	1,463	15,277	0	0	0	0	0	0
251-300	1,681	23,245	0	0	0	0	0	703
301-350	16,017	192,306	0	0	0	0	16,738	36,427
351-400	17,538	196,508	0	0	0	0	0	20,763
401-450	10,574	58,522	0	0	0	0	0	3,035
451-500	34,019	413,785	0	0	0	0	37,389	89,937
501-550	12,530	54,023	0	0	0	0	0	14,819
551-600	40,039	367,570	0	0	0	2,862	5,724	31,713
601-650	11,008	178,838	0	0	0	12,326	25,795	35,453
651-700	15,172	262,225	0	0	0	0	15,711	76,394
701-750	19,505	668,712	0	0	0	0	10,967	142,591
751-800	19,473	452,282	0	0	0	0	74,113	87,878
801-850	8,007	91,692	0	0	0	0	1,254	16,685
851-900	10,819	253,142	0	0	0	0	0	1,523
901-950	8,851	647,437	0	0	0	0	127,847	131,947
951-980	2,440	16,736	0	0	0	0	0	0
Unknown	91,300	1,971,635	0	0	0	0	35,676	462,275
Total	362,738	6,431,780	0	0	0	42,452	398,329	1,240,072
Upper Region	50,532	640,186	0	0	0	27,263	47,116	93,313
Middle Region	152,214	1,698,027	0	0	0	15,188	101,356	303,860
Lower Region	68,691	2,121,932	0	0	0	0	214,180	380,624
Unknown	91,300	1,971,635	0	0	0	0	35,676	462,275
Total	362,738	6,431,780	0	0	0	42,452	398,329	1,240,072

Table 32.3b. Swimming: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 2)

Swimming								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	21,559	345,914	84,076	72,158	33,690	27,263	0	0
51-100	1,133	1,133	1,133	0	0	0	0	0
101-150	2,617	24,840	7,851	5,482	3,655	0	0	0
151-200	16,993	195,959	88,436	88,631	749	0	0	0
201-250	1,463	15,277	0	0	0	0	0	0
251-300	1,681	23,245	706	706	0	0	0	0
301-350	16,017	192,306	42,006	52,172	4,682	0	0	0
351-400	17,538	196,508	95,288	80,457	0	0	0	0
401-450	10,574	58,522	19,909	8,211	2,534	0	0	0
451-500	34,019	413,785	110,901	145,701	21,513	8,334	0	0
501-550	12,530	54,023	23,634	15,569	0	0	0	0
551-600	40,039	367,570	92,929	45,283	7,311	2,862	0	0
601-650	11,008	178,838	31,674	32,281	28,983	12,326	0	0
651-700	15,172	262,225	78,016	71,877	15,711	0	0	0
701-750	19,505	668,712	170,322	170,536	152,274	13,791	0	0
751-800	19,473	452,282	92,011	92,150	18,314	13,843	0	0
801-850	8,007	91,692	30,289	19,405	3,810	0	0	0
851-900	10,819	253,142	110,731	130,415	0	0	0	0
901-950	8,851	647,437	131,947	127,847	127,847	0	0	0
951-980	2,440	16,736	8,368	8,368	0	0	0	0
Unknown	91,300	1,971,635	422,610	416,485	409,569	0	0	0
Total	362,738	6,431,780	1,642,837	1,583,733	830,641	78,420	0	0
Upper Region	50,532	640,186	186,884	178,681	42,776	27,263	0	0
Middle Region	152,214	1,698,027	489,675	439,846	76,051	23,522	0	0
Lower Region	68,691	2,121,932	543,668	548,721	302,245	27,634	0	0
Unknown	91,300	1,971,635	422,610	416,485	409,569	0	0	0
Total	362,738	6,431,780	1,642,837	1,583,733	830,641	78,420	0	0

Table 33.1a. Diving: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Diving								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	10,459	69,052	0	0	0	0	7,182	7,182
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	0	0	0	0	0	0	0	0
751-800	2,292	12,606	0	0	0	0	0	3,438
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	863	6,904	0	0	0	1,726	1,726	1,726
951-980	5,682	136,371	11,364	11,364	11,364	11,364	11,364	11,364
Unknown	9,486	150,416	11,364	11,364	11,364	11,364	11,364	16,046
Total	28,782	375,349	22,728	22,728	22,728	24,455	31,636	39,756
Upper Region	0	0	0	0	0	0	0	0
Middle Region	10,459	69,052	0	0	0	0	7,182	7,182
Lower Region	8,837	155,881	11,364	11,364	11,364	13,090	13,090	16,528
Unknown	9,486	150,416	11,364	11,364	11,364	11,364	11,364	16,046
Total	28,782	375,349	22,728	22,728	22,728	24,455	31,636	39,756

Table 33.1b. Diving: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Diving								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	10,459	69,052	7,182	39,442	8,065	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	0	0	0	0	0	0	0	0
751-800	2,292	12,606	2,292	6,876	0	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	863	6,904	1,726	0	0	0	0	0
951-980	5,682	136,371	11,364	11,364	11,364	11,364	11,364	11,364
Unknown	9,486	150,416	16,046	16,046	11,364	11,364	11,364	11,364
Total	28,782	375,349	38,610	73,728	30,794	22,728	22,728	22,728
Upper Region	0	0	0	0	0	0	0	0
Middle Region	10,459	69,052	7,182	39,442	8,065	0	0	0
Lower Region	8,837	155,881	15,382	18,240	11,364	11,364	11,364	11,364
Unknown	9,486	150,416	16,046	16,046	11,364	11,364	11,364	11,364
Total	28,782	375,349	38,610	73,728	30,794	22,728	22,728	22,728

Table 33.2a. Diving: Numbers of Child Participants and Events by River Section and Month (Part 1)

Diving								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	218	1,052	0	0	0	0	0	351
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	5,775	21,034	0	0	0	0	0	2,250
451-500	0	0	0	0	0	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	0	0	0	0	0	0	0	0
751-800	0	0	0	0	0	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	313	1,513	0	0	0	0	0	504
901-950	0	0	0	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	6,306	23,599	0	0	0	0	0	3,105
Upper Region	218	1,052	0	0	0	0	0	351
Middle Region	5,775	21,034	0	0	0	0	0	2,250
Lower Region	313	1,513	0	0	0	0	0	504
Unknown	0	0	0	0	0	0	0	0
Total	6,306	23,599	0	0	0	0	0	3,105

Table 33.2b. Diving: Numbers of Child Participants and Events by River Section and Month (Part 2)

Diving								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	218	1,052	351	351	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	5,775	21,034	16,534	2,250	0	0	0	0
451-500	0	0	0	0	0	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	0	0	0	0	0	0	0	0
751-800	0	0	0	0	0	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	313	1,513	504	504	0	0	0	0
901-950	0	0	0	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	6,306	23,599	17,389	3,105	0	0	0	0
Upper Region	218	1,052	351	351	0	0	0	0
Middle Region	5,775	21,034	16,534	2,250	0	0	0	0
Lower Region	313	1,513	504	504	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	6,306	23,599	17,389	3,105	0	0	0	0

Table 33.3a. Diving: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 1)

Diving								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	218	1,052	0	0	0	0	0	351
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	5,775	21,034	0	0	0	0	0	2,250
451-500	10,459	69,052	0	0	0	0	7,182	7,182
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	0	0	0	0	0	0	0	0
751-800	2,292	12,606	0	0	0	0	0	3,438
801-850	0	0	0	0	0	0	0	0
851-900	313	1,513	0	0	0	0	0	504
901-950	863	6,904	0	0	0	1,726	1,726	1,726
951-980	5,682	136,371	11,364	11,364	11,364	11,364	11,364	11,364
Unknown	9,486	150,416	11,364	11,364	11,364	11,364	11,364	16,046
Total	35,088	398,948	22,728	22,728	22,728	24,455	31,636	42,861
Upper Region	218	1,052	0	0	0	0	0	351
Middle Region	16,234	90,086	0	0	0	0	7,182	9,432
Lower Region	9,150	157,394	11,364	11,364	11,364	13,090	13,090	17,033
Unknown	9,486	150,416	11,364	11,364	11,364	11,364	11,364	16,046
Total	35,088	398,948	22,728	22,728	22,728	24,455	31,636	42,861

Table 33.3b. Diving: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 2)

Diving								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	218	1,052	351	351	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	5,775	21,034	16,534	2,250	0	0	0	0
451-500	10,459	69,052	7,182	39,442	8,065	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	0	0	0	0	0	0	0	0
751-800	2,292	12,606	2,292	6,876	0	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	313	1,513	504	504	0	0	0	0
901-950	863	6,904	1,726	0	0	0	0	0
951-980	5,682	136,371	11,364	11,364	11,364	11,364	11,364	11,364
Unknown	9,486	150,416	16,046	16,046	11,364	11,364	11,364	11,364
Total	35,088	398,948	55,999	76,833	30,794	22,728	22,728	22,728
Upper Region	218	1,052	351	351	0	0	0	0
Middle Region	16,234	90,086	23,715	41,692	8,065	0	0	0
Lower Region	9,150	157,394	15,887	18,745	11,364	11,364	11,364	11,364
Unknown	9,486	150,416	16,046	16,046	11,364	11,364	11,364	11,364
Total	35,088	398,948	55,999	76,833	30,794	22,728	22,728	22,728

Table 34.1a. Power Boating: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Power Boating								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	78,636	819,300	0	0	0	88,448	107,876	160,566
51-100	14,596	68,224	0	0	0	0	27,564	0
101-150	9,573	115,527	0	0	0	1,827	7,310	14,619
151-200	17,303	95,341	0	0	0	0	0	31,357
201-250	14,273	196,016	0	0	0	0	0	9,177
251-300	10,042	231,324	0	0	4,390	2,927	9,929	56,654
301-350	28,791	513,648	0	0	0	61,894	84,292	106,093
351-400	19,170	470,435	0	0	0	41,527	52,685	109,043
401-450	24,523	149,162	0	0	4,354	4,354	17,721	31,069
451-500	85,863	658,353	0	0	0	57,453	141,646	193,448
501-550	2,394	9,575	0	0	0	0	2,394	0
551-600	33,979	154,120	0	0	0	15,939	14,715	50,192
601-650	18,387	157,164	0	0	11,364	11,364	11,364	17,568
651-700	12,217	49,511	0	0	0	0	0	1,236
701-750	2,107	21,011	0	0	0	0	2,540	4,394
751-800	29,611	299,158	1,143	1,143	1,143	571	27,889	68,898
801-850	10,011	273,411	0	0	0	0	2,703	140,527
851-900	25,301	308,271	0	0	0	1,726	1,726	9,601
901-950	26,722	131,082	0	0	0	0	7,101	18,541
951-980	8,359	360,481	28,411	28,411	28,411	31,434	29,922	31,905
Unknown	104,827	807,106	0	0	0	39,775	81,054	161,376
Total	576,685	5,938,873	29,553	29,553	49,661	359,239	630,430	1,216,266
Upper Region	161,982	1,636,678	0	0	4,390	96,655	175,739	378,466
Middle Region	206,916	2,050,136	0	0	15,718	189,078	301,756	402,556
Lower Region	102,960	1,333,277	29,553	29,553	29,553	33,731	71,881	273,867
Unknown	104,827	807,106	0	0	0	39,775	81,054	161,376
Total	576,685	5,938,873	29,553	29,553	49,661	359,239	630,430	1,216,266

Table 34.1b. Power Boating: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Power Boating								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	78,636	819,300	253,281	240,874	106,041	9,204	0	0
51-100	14,596	68,224	18,939	6,720	3,188	0	0	0
101-150	9,573	115,527	14,619	14,619	9,137	3,655	0	0
151-200	17,303	95,341	26,791	36,281	16,658	0	0	0
201-250	14,273	196,016	15,732	19,665	19,665	0	0	0
251-300	10,042	231,324	56,654	66,762	56,654	1,463	0	0
301-350	28,791	513,648	109,393	90,038	55,966	3,453	0	0
351-400	19,170	470,435	123,121	124,848	41,527	0	0	0
401-450	24,523	149,162	32,901	56,682	17,987	9,261	2,250	0
451-500	85,863	658,353	136,568	172,053	46,452	28,891	14,363	0
501-550	2,394	9,575	4,788	0	2,394	0	0	0
551-600	33,979	154,120	64,702	50,013	28,690	0	0	0
601-650	18,387	157,164	16,689	16,689	0	0	0	0
651-700	12,217	49,511	12,431	31,731	403	2,472	1,236	0
701-750	2,107	21,011	5,033	2,943	3,158	2,943	0	0
751-800	29,611	299,158	68,704	71,433	34,125	11,174	1,143	1,143
801-850	10,011	273,411	77,234	77,479	34,253	5,406	0	0
851-900	25,301	308,271	86,881	85,084	9,575	0	0	0
901-950	26,722	131,082	83,466	15,870	6,104	0	0	0
951-980	8,359	360,481	31,905	33,417	31,434	28,411	28,411	28,411
Unknown	104,827	807,106	182,037	210,727	37,403	34,269	0	0
Total	576,685	5,938,873	1,421,870	1,423,928	560,815	140,601	47,403	29,553
Upper Region	161,982	1,636,678	495,409	474,960	267,310	17,775	0	0
Middle Region	206,916	2,050,136	391,201	452,016	137,454	40,624	17,850	0
Lower Region	102,960	1,333,277	353,224	286,226	118,649	47,933	29,553	29,553
Unknown	104,827	807,106	182,037	210,727	37,403	34,269	0	0
Total	576,685	5,938,873	1,421,870	1,423,928	560,815	140,601	47,403	29,553

Table 34.2a. Power Boating: Numbers of Child Participants and Events by River Section and Month (Part 1)

Power Boating								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	16,393	116,539	0	0	0	0	12,631	16,231
51-100	1,133	4,533	0	0	0	0	0	1,133
101-150	0	0	0	0	0	0	0	0
151-200	3,935	11,654	0	0	0	0	0	1,313
201-250	679	9,045	0	0	0	0	0	2,260
251-300	3,469	28,011	0	0	0	0	0	7,003
301-350	3,640	6,400	0	0	0	0	0	1,380
351-400	1,891	15,127	0	0	0	0	945	4,727
401-450	9,938	32,019	0	0	0	0	0	4,342
451-500	30,450	147,597	0	0	0	0	5,796	17,025
501-550	2,702	20,263	0	0	0	0	5,079	0
551-600	4,183	41,170	0	0	0	0	6,558	7,163
601-650	11,744	134,014	0	0	0	0	8,373	32,878
651-700	799	1,598	0	0	0	0	0	0
701-750	374	2,241	0	0	0	0	0	0
751-800	8,267	45,949	0	0	0	0	0	13,347
801-850	2,910	25,230	0	0	0	0	0	8,410
851-900	1,940	26,376	0	0	0	0	672	677
901-950	1,116	13,446	0	0	0	0	1,182	5,282
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	105,561	681,213	0	0	0	0	41,235	123,170
Upper Region	29,249	176,182	0	0	0	0	12,631	29,320
Middle Region	60,907	390,190	0	0	0	0	26,751	66,135
Lower Region	15,406	114,840	0	0	0	0	1,854	27,715
Unknown	0	0	0	0	0	0	0	0
Total	105,561	681,213	0	0	0	0	41,235	123,170

Table 34.2b. Power Boating: Numbers of Child Participants and Events by River Section and Month (Part 2)

Power Boating								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	16,393	116,539	44,202	39,875	3,601	0	0	0
51-100	1,133	4,533	2,267	1,133	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	3,935	11,654	5,647	4,695	0	0	0	0
201-250	679	9,045	2,266	2,260	2,260	0	0	0
251-300	3,469	28,011	7,502	7,003	6,503	0	0	0
301-350	3,640	6,400	3,640	1,380	0	0	0	0
351-400	1,891	15,127	4,727	4,727	0	0	0	0
401-450	9,938	32,019	18,636	9,041	0	0	0	0
451-500	30,450	147,597	93,737	27,842	1,578	1,578	0	0
501-550	2,702	20,263	10,131	0	5,052	0	0	0
551-600	4,183	41,170	7,163	7,163	6,558	6,558	0	0
601-650	11,744	134,014	38,208	38,192	16,364	0	0	0
651-700	799	1,598	0	1,598	0	0	0	0
701-750	374	2,241	2,241	0	0	0	0	0
751-800	8,267	45,949	14,278	14,702	3,671	0	0	0
801-850	2,910	25,230	5,616	5,616	5,587	0	0	0
851-900	1,940	26,376	12,650	12,378	0	0	0	0
901-950	1,116	13,446	6,195	788	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	105,561	681,213	279,107	178,393	51,173	8,136	0	0
Upper Region	29,249	176,182	65,524	56,346	12,363	0	0	0
Middle Region	60,907	390,190	172,603	86,965	29,552	8,136	0	0
Lower Region	15,406	114,840	40,981	35,082	9,258	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	105,561	681,213	279,107	178,393	51,173	8,136	0	0

Table 34.3a. Power Boating: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 1)

Power Boating								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	95,029	935,839	0	0	0	88,448	120,506	176,797
51-100	15,729	72,757	0	0	0	0	27,564	1,133
101-150	9,573	115,527	0	0	0	1,827	7,310	14,619
151-200	21,238	106,996	0	0	0	0	0	32,669
201-250	14,952	205,061	0	0	0	0	0	11,437
251-300	13,511	259,335	0	0	4,390	2,927	9,929	63,657
301-350	32,431	520,048	0	0	0	61,894	84,292	107,473
351-400	21,061	485,562	0	0	0	41,527	53,631	113,771
401-450	34,461	181,182	0	0	4,354	4,354	17,721	35,412
451-500	116,313	805,950	0	0	0	57,453	147,442	210,473
501-550	5,096	29,838	0	0	0	0	7,473	0
551-600	38,162	195,289	0	0	0	15,939	21,273	57,355
601-650	30,130	291,178	0	0	11,364	11,364	19,737	50,445
651-700	13,016	51,109	0	0	0	0	0	1,236
701-750	2,480	23,252	0	0	0	0	2,540	4,394
751-800	37,878	345,107	1,143	1,143	1,143	571	27,889	82,245
801-850	12,921	298,640	0	0	0	0	2,703	148,937
851-900	27,242	334,647	0	0	0	1,726	2,398	10,278
901-950	27,838	144,528	0	0	0	0	8,283	23,823
951-980	8,359	360,481	28,411	28,411	28,411	31,434	29,922	31,905
Unknown	104,827	807,106	0	0	0	39,775	81,054	161,376
Total	682,246	6,620,086	29,553	29,553	49,661	359,239	671,664	1,339,435
Upper Region	191,230	1,812,861	0	0	4,390	96,655	188,370	407,786
Middle Region	267,823	2,440,327	0	0	15,718	189,078	328,507	468,692
Lower Region	118,366	1,448,117	29,553	29,553	29,553	33,731	73,734	301,582
Unknown	104,827	807,106	0	0	0	39,775	81,054	161,376
Total	682,246	6,620,086	29,553	29,553	49,661	359,239	671,664	1,339,435

Table 34.3b. Power Boating: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 2)

Power Boating								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	95,029	935,839	297,483	280,749	109,642	9,204	0	0
51-100	15,729	72,757	21,205	7,853	3,188	0	0	0
101-150	9,573	115,527	14,619	14,619	9,137	3,655	0	0
151-200	21,238	106,996	32,438	40,976	16,658	0	0	0
201-250	14,952	205,061	17,998	21,925	21,925	0	0	0
251-300	13,511	259,335	64,156	73,766	63,156	1,463	0	0
301-350	32,431	520,048	113,033	91,418	55,966	3,453	0	0
351-400	21,061	485,562	127,849	129,575	41,527	0	0	0
401-450	34,461	181,182	51,538	65,723	17,987	9,261	2,250	0
451-500	116,313	805,950	230,304	199,894	48,030	30,469	14,363	0
501-550	5,096	29,838	14,919	0	7,446	0	0	0
551-600	38,162	195,289	71,865	57,177	35,248	6,558	0	0
601-650	30,130	291,178	54,897	54,880	16,364	0	0	0
651-700	13,016	51,109	12,431	33,330	403	2,472	1,236	0
701-750	2,480	23,252	7,274	2,943	3,158	2,943	0	0
751-800	37,878	345,107	82,982	86,136	37,795	11,174	1,143	1,143
801-850	12,921	298,640	82,851	83,095	39,840	5,406	0	0
851-900	27,242	334,647	99,531	97,462	9,575	0	0	0
901-950	27,838	144,528	89,661	16,657	6,104	0	0	0
951-980	8,359	360,481	31,905	33,417	31,434	28,411	28,411	28,411
Unknown	104,827	807,106	182,037	210,727	37,403	34,269	0	0
Total	682,246	6,620,086	1,700,978	1,602,321	611,988	148,737	47,403	29,553
Upper Region	191,230	1,812,861	560,933	531,306	279,673	17,775	0	0
Middle Region	267,823	2,440,327	563,803	538,980	167,006	48,760	17,850	0
Lower Region	118,366	1,448,117	394,205	321,308	127,907	47,933	29,553	29,553
Unknown	104,827	807,106	182,037	210,727	37,403	34,269	0	0
Total	682,246	6,620,086	1,700,978	1,602,321	611,988	148,737	47,403	29,553

Table 35.1a. Sailing: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Sailing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	8,340	25,021	0	0	0	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	6,376	127,512	0	0	0	0	25,502	25,502
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	0	0	0	0	0	0	0	0
751-800	0	0	0	0	0	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	0	0	0	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	801	801	0	0	0	0	0	0
Total	15,517	153,334	0	0	0	0	25,502	25,502
Upper Region	0	0	0	0	0	0	0	0
Middle Region	14,716	152,533	0	0	0	0	25,502	25,502
Lower Region	0	0	0	0	0	0	0	0
Unknown	801	801	0	0	0	0	0	0
Total	15,517	153,334	0	0	0	0	25,502	25,502

Table 35.1b. Sailing: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Sailing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	8,340	25,021	25,021	0	0	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	6,376	127,512	25,502	12,751	25,502	12,751	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	0	0	0	0	0	0	0	0
751-800	0	0	0	0	0	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	0	0	0	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	801	801	801	0	0	0	0	0
Total	15,517	153,334	51,325	12,751	25,502	12,751	0	0
Upper Region	0	0	0	0	0	0	0	0
Middle Region	14,716	152,533	50,524	12,751	25,502	12,751	0	0
Lower Region	0	0	0	0	0	0	0	0
Unknown	801	801	801	0	0	0	0	0
Total	15,517	153,334	51,325	12,751	25,502	12,751	0	0

Table 35.2a. Sailing: Numbers of Child Participants and Events by River Section and Month (Part 1)

Sailing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	2,026	20,263	0	0	0	0	0	20,263
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	0	0	0	0	0	0	0	0
751-800	2,381	16,665	0	0	0	0	4,166	4,166
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	0	0	0	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	4,407	36,927	0	0	0	0	4,166	24,429
Upper Region	0	0	0	0	0	0	0	0
Middle Region	2,026	20,263	0	0	0	0	0	20,263
Lower Region	2,381	16,665	0	0	0	0	4,166	4,166
Unknown	0	0	0	0	0	0	0	0
Total	4,407	36,927	0	0	0	0	4,166	24,429

Table 35.2b. Sailing: Numbers of Child Participants and Events by River Section and Month (Part 2)

Sailing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	2,026	20,263	0	0	0	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	0	0	0	0	0	0	0	0
751-800	2,381	16,665	4,166	0	4,166	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	0	0	0	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	4,407	36,927	4,166	0	4,166	0	0	0
Upper Region	0	0	0	0	0	0	0	0
Middle Region	2,026	20,263	0	0	0	0	0	0
Lower Region	2,381	16,665	4,166	0	4,166	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	4,407	36,927	4,166	0	4,166	0	0	0

Table 35.3a. Sailing: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 1)

Sailing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	10,367	45,284	0	0	0	0	0	20,263
501-550	0	0	0	0	0	0	0	0
551-600	6,376	127,512	0	0	0	0	25,502	25,502
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	0	0	0	0	0	0	0	0
751-800	2,381	16,665	0	0	0	0	4,166	4,166
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	0	0	0	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	801	801	0	0	0	0	0	0
Total	19,924	190,261	0	0	0	0	29,668	49,931
Upper Region	0	0	0	0	0	0	0	0
Middle Region	16,742	172,796	0	0	0	0	25,502	45,765
Lower Region	2,381	16,665	0	0	0	0	4,166	4,166
Unknown	801	801	0	0	0	0	0	0
Total	19,924	190,261	0	0	0	0	29,668	49,931

Table 35.3b. Sailing: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 2)

Sailing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	10,367	45,284	25,021	0	0	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	6,376	127,512	25,502	12,751	25,502	12,751	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	0	0	0	0	0	0	0	0
751-800	2,381	16,665	4,166	0	4,166	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	0	0	0	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	801	801	801	0	0	0	0	0
Total	19,924	190,261	55,491	12,751	29,668	12,751	0	0
Upper Region	0	0	0	0	0	0	0	0
Middle Region	16,742	172,796	50,524	12,751	25,502	12,751	0	0
Lower Region	2,381	16,665	4,166	0	4,166	0	0	0
Unknown	801	801	801	0	0	0	0	0
Total	19,924	190,261	55,491	12,751	29,668	12,751	0	0

Table 36.1a. Canoeing: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Canoeing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	790	7,108	0	0	0	0	0	2,369
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	2,966	5,932	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	7,266	73,227	0	0	4,952	2,476	4,952	7,428
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	1,464	22,501	0	0	0	0	2,540	4,154
751-800	1,079	33,270	0	0	0	0	5,080	5,651
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	2,841	8,523	0	0	0	0	0	2,841
951-980	0	0	0	0	0	0	0	0
Unknown	12,393	51,164	0	0	0	0	8,235	7,869
Total	28,799	201,726	0	0	4,952	2,476	20,806	30,312
Upper Region	790	7,108	0	0	0	0	0	2,369
Middle Region	10,232	79,160	0	0	4,952	2,476	4,952	7,428
Lower Region	5,385	64,294	0	0	0	0	7,619	12,645
Unknown	12,393	51,164	0	0	0	0	8,235	7,869
Total	28,799	201,726	0	0	4,952	2,476	20,806	30,312

Table 36.1b. Canoeing: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Canoeing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	790	7,108	3,949	0	0	0	0	790
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	2,966	5,932	5,932	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	7,266	73,227	19,403	29,064	4,952	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	1,464	22,501	4,960	4,960	3,347	2,540	0	0
751-800	1,079	33,270	5,651	6,921	5,651	4,318	0	0
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	2,841	8,523	2,841	2,841	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	12,393	51,164	7,869	7,869	1,614	1,614	0	0
Total	28,799	201,726	50,606	51,655	15,563	8,471	0	790
Upper Region	790	7,108	3,949	0	0	0	0	790
Middle Region	10,232	79,160	25,335	29,064	4,952	0	0	0
Lower Region	5,385	64,294	13,452	14,722	8,998	6,857	0	0
Unknown	12,393	51,164	7,869	7,869	1,614	1,614	0	0
Total	28,799	201,726	50,606	51,655	15,563	8,471	0	790

Table 36.2a. Canoeing: Numbers of Child Participants and Events by River Section and Month (Part 1)

Canoeing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	5,364	12,563	0	0	0	0	0	4,164
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	8,228	65,819	0	0	0	0	8,575	5,551
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	270	5,406	0	0	0	1,352	1,352	0
751-800	1,249	2,193	0	0	0	0	0	295
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	328	1,640	0	0	0	0	0	820
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	15,440	87,622	0	0	0	1,352	9,927	10,830
Upper Region	5,364	12,563	0	0	0	0	0	4,164
Middle Region	8,228	65,819	0	0	0	0	8,575	5,551
Lower Region	1,848	9,240	0	0	0	1,352	1,352	1,115
Unknown	0	0	0	0	0	0	0	0
Total	15,440	87,622	0	0	0	1,352	9,927	10,830

Table 36.2b. Canoeing: Numbers of Child Participants and Events by River Section and Month (Part 2)

Canoeing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	5,364	12,563	4,200	4,200	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	8,228	65,819	5,584	25,847	20,263	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	270	5,406	1,352	1,352	0	0	0	0
751-800	1,249	2,193	1,308	295	295	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	328	1,640	820	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	15,440	87,622	13,264	31,693	20,558	0	0	0
Upper Region	5,364	12,563	4,200	4,200	0	0	0	0
Middle Region	8,228	65,819	5,584	25,847	20,263	0	0	0
Lower Region	1,848	9,240	3,480	1,647	295	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	15,440	87,622	13,264	31,693	20,558	0	0	0

Table 36.3a. Canoeing: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 1)

Canoeing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	5,364	12,563	0	0	0	0	0	4,164
51-100	0	0	0	0	0	0	0	0
101-150	790	7,108	0	0	0	0	0	2,369
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	2,966	5,932	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	15,494	139,046	0	0	4,952	2,476	13,527	12,979
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	1,735	27,907	0	0	0	1,352	3,891	4,154
751-800	2,329	35,464	0	0	0	0	5,080	5,946
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	3,169	10,163	0	0	0	0	0	3,661
951-980	0	0	0	0	0	0	0	0
Unknown	12,393	51,164	0	0	0	0	8,235	7,869
Total	44,239	289,348	0	0	4,952	3,828	30,733	41,142
Upper Region	6,153	19,671	0	0	0	0	0	6,533
Middle Region	18,461	144,979	0	0	4,952	2,476	13,527	12,979
Lower Region	7,232	73,534	0	0	0	1,352	8,971	13,760
Unknown	12,393	51,164	0	0	0	0	8,235	7,869
Total	44,239	289,348	0	0	4,952	3,828	30,733	41,142

Table 36.3b. Canoeing: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 2)

Canoeing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	5,364	12,563	4,200	4,200	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	790	7,108	3,949	0	0	0	0	790
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	2,966	5,932	5,932	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	15,494	139,046	24,987	54,911	25,215	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	1,735	27,907	6,312	6,312	3,347	2,540	0	0
751-800	2,329	35,464	6,959	7,216	5,946	4,318	0	0
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	3,169	10,163	3,661	2,841	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	12,393	51,164	7,869	7,869	1,614	1,614	0	0
Total	44,239	289,348	63,869	83,348	36,121	8,471	0	790
Upper Region	6,153	19,671	8,148	4,200	0	0	0	790
Middle Region	18,461	144,979	30,919	54,911	25,215	0	0	0
Lower Region	7,232	73,534	16,932	16,369	9,292	6,857	0	0
Unknown	12,393	51,164	7,869	7,869	1,614	1,614	0	0
Total	44,239	289,348	63,869	83,348	36,121	8,471	0	790

Table 37.1a. Wading: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Wading								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	6,816	40,895	0	0	0	0	0	13,632
51-100	0	0	0	0	0	0	0	0
101-150	8,891	84,467	0	0	0	0	0	0
151-200	2,593	55,588	0	0	3,059	3,059	15,294	21,588
201-250	0	0	0	0	0	0	0	0
251-300	6,731	112,089	0	0	0	0	21,950	21,950
301-350	6,113	269,128	0	0	0	38,561	38,561	51,149
351-400	11,865	290,689	0	0	0	44,493	44,493	50,426
401-450	1,910	41,118	0	0	0	0	0	0
451-500	16,183	251,027	0	0	0	0	29,219	35,513
501-550	0	0	0	0	0	0	0	0
551-600	20,668	150,778	0	0	12,751	22,315	35,066	19,127
601-650	6,396	136,374	0	0	0	19,127	38,253	15,939
651-700	859	12,889	0	0	0	0	4,296	4,296
701-750	2,193	61,228	0	0	0	0	8,143	8,143
751-800	9,076	293,299	0	0	0	0	41,414	48,240
801-850	1,679	8,722	0	0	0	0	0	2,682
851-900	3,397	128,835	0	0	0	0	0	19,151
901-950	9,714	43,616	0	0	0	0	10,904	10,904
951-980	1,512	12,093	0	0	0	0	0	0
Unknown	102,898	2,667,232	0	0	0	0	0	612,775
Total	219,493	4,660,069	0	0	15,810	127,554	287,594	935,514
Upper Region	28,178	330,802	0	0	3,059	3,059	37,244	69,757
Middle Region	60,847	1,114,240	0	0	12,751	124,495	189,889	163,862
Lower Region	27,570	547,794	0	0	0	0	60,461	89,120
Unknown	102,898	2,667,232	0	0	0	0	0	612,775
Total	219,493	4,660,069	0	0	15,810	127,554	287,594	935,514

Table 37.1b. Wading: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Wading								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	6,816	40,895	13,632	13,632	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	8,891	84,467	40,010	44,456	0	0	0	0
151-200	2,593	55,588	6,294	6,294	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	6,731	112,089	24,290	21,950	21,950	0	0	0
301-350	6,113	269,128	51,149	51,149	38,561	0	0	0
351-400	11,865	290,689	62,290	44,493	44,493	0	0	0
401-450	1,910	41,118	0	0	0	0	0	0
451-500	16,183	251,027	52,843	50,370	9,904	4,952	0	0
501-550	0	0	0	0	0	0	0	0
551-600	20,668	150,778	12,645	6,376	0	0	0	0
601-650	6,396	136,374	15,939	814	0	0	0	0
651-700	859	12,889	0	0	0	0	0	0
701-750	2,193	61,228	14,195	14,463	8,143	8,143	0	0
751-800	9,076	293,299	47,285	47,866	43,698	19,556	0	0
801-850	1,679	8,722	2,682	2,682	676	0	0	0
851-900	3,397	128,835	19,151	19,151	19,151	19,151	4,788	4,788
901-950	9,714	43,616	10,904	10,904	0	0	0	0
951-980	1,512	12,093	6,047	6,047	0	0	0	0
Unknown	102,898	2,667,232	591,264	598,692	540,584	0	0	0
Total	219,493	4,660,069	970,619	939,337	727,159	51,802	4,788	4,788
Upper Region	28,178	330,802	90,521	98,919	21,950	0	0	0
Middle Region	60,847	1,114,240	188,572	140,613	92,958	4,952	0	0
Lower Region	27,570	547,794	100,263	101,113	71,668	46,850	4,788	4,788
Unknown	102,898	2,667,232	591,264	598,692	540,584	0	0	0
Total	219,493	4,660,069	970,619	939,337	727,159	51,802	4,788	4,788

Table 37.2a. Wading: Numbers of Child Participants and Events by River Section and Month (Part 1)

Wading								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	8,729	17,846	0	0	0	0	0	4,759
51-100	1,133	1,133	0	0	0	0	0	0
101-150	1,518	45,543	0	0	0	3,036	6,072	9,109
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	218	2,186	0	0	0	0	0	653
301-350	0	0	0	0	0	0	0	0
351-400	18,181	236,357	0	0	0	0	36,363	63,635
401-450	5,775	24,419	0	0	0	0	0	3,040
451-500	162	1,617	0	0	0	0	0	485
501-550	2,702	20,263	0	0	0	0	0	5,403
551-600	4,844	45,438	0	0	0	2,371	2,387	11,439
601-650	2,217	17,130	0	0	0	0	0	5,076
651-700	1,546	15,459	0	0	0	0	0	4,638
701-750	180	4,505	0	0	0	0	631	1,081
751-800	590	1,416	0	0	0	0	0	354
801-850	1,110	7,717	0	0	0	0	485	1,879
851-900	980	2,941	0	0	0	0	0	980
901-950	328	8,200	0	0	0	0	0	4,100
951-980	929	4,643	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	51,140	456,813	0	0	0	5,407	45,938	116,632
Upper Region	11,598	66,709	0	0	0	3,036	6,072	14,521
Middle Region	33,880	345,224	0	0	0	2,371	38,750	89,079
Lower Region	5,663	44,880	0	0	0	0	1,116	13,032
Unknown	0	0	0	0	0	0	0	0
Total	51,140	456,813	0	0	0	5,407	45,938	116,632

Table 37.2b. Wading: Numbers of Child Participants and Events by River Section and Month (Part 2)

Wading								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	8,729	17,846	8,328	4,759	0	0	0	0
51-100	1,133	1,133	1,133	0	0	0	0	0
101-150	1,518	45,543	9,109	9,109	6,072	3,036	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	218	2,186	880	653	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	18,181	236,357	72,725	63,635	0	0	0	0
401-450	5,775	24,419	18,338	3,040	0	0	0	0
451-500	162	1,617	647	485	0	0	0	0
501-550	2,702	20,263	9,456	5,403	0	0	0	0
551-600	4,844	45,438	13,026	11,439	2,387	2,387	0	0
601-650	2,217	17,130	6,978	5,076	0	0	0	0
651-700	1,546	15,459	6,184	4,638	0	0	0	0
701-750	180	4,505	1,081	1,081	631	0	0	0
751-800	590	1,416	354	354	354	0	0	0
801-850	1,110	7,717	2,989	1,879	485	0	0	0
851-900	980	2,941	980	980	0	0	0	0
901-950	328	8,200	4,100	0	0	0	0	0
951-980	929	4,643	2,321	2,321	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	51,140	456,813	158,630	114,853	9,930	5,424	0	0
Upper Region	11,598	66,709	19,450	14,521	6,072	3,036	0	0
Middle Region	33,880	345,224	121,170	89,079	2,387	2,387	0	0
Lower Region	5,663	44,880	18,009	11,253	1,470	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	51,140	456,813	158,630	114,853	9,930	5,424	0	0

Table 37.3a. Wading: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 1)

Wading								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	15,544	58,741	0	0	0	0	0	18,390
51-100	1,133	1,133	0	0	0	0	0	0
101-150	10,409	130,010	0	0	0	3,036	6,072	9,109
151-200	2,593	55,588	0	0	3,059	3,059	15,294	21,588
201-250	0	0	0	0	0	0	0	0
251-300	6,949	114,275	0	0	0	0	21,950	22,603
301-350	6,113	269,128	0	0	0	38,561	38,561	51,149
351-400	30,046	527,046	0	0	0	44,493	80,856	114,060
401-450	7,685	65,537	0	0	0	0	0	3,040
451-500	16,345	252,644	0	0	0	0	29,219	35,998
501-550	2,702	20,263	0	0	0	0	0	5,403
551-600	25,511	196,216	0	0	12,751	24,685	37,453	30,566
601-650	8,613	153,504	0	0	0	19,127	38,253	21,015
651-700	2,405	28,348	0	0	0	0	4,296	8,934
701-750	2,373	65,733	0	0	0	0	8,773	9,224
751-800	9,666	294,715	0	0	0	0	41,414	48,594
801-850	2,789	16,439	0	0	0	0	485	4,561
851-900	4,377	131,776	0	0	0	0	0	20,131
901-950	10,042	51,816	0	0	0	0	10,904	15,004
951-980	2,440	16,736	0	0	0	0	0	0
Unknown	102,898	2,667,232	0	0	0	0	0	612,775
Total	270,634	5,116,881	0	0	15,810	132,961	333,532	1,052,146
Upper Region	39,776	397,511	0	0	3,059	6,095	43,316	84,278
Middle Region	94,727	1,459,464	0	0	12,751	126,866	228,639	252,941
Lower Region	33,233	592,674	0	0	0	0	61,576	102,152
Unknown	102,898	2,667,232	0	0	0	0	0	612,775
Total	270,634	5,116,881	0	0	15,810	132,961	333,532	1,052,146

Table 37.3b. Wading: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 2)

Wading								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	15,544	58,741	21,960	18,390	0	0	0	0
51-100	1,133	1,133	1,133	0	0	0	0	0
101-150	10,409	130,010	49,119	53,565	6,072	3,036	0	0
151-200	2,593	55,588	6,294	6,294	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	6,949	114,275	25,170	22,603	21,950	0	0	0
301-350	6,113	269,128	51,149	51,149	38,561	0	0	0
351-400	30,046	527,046	135,016	108,128	44,493	0	0	0
401-450	7,685	65,537	18,338	3,040	0	0	0	0
451-500	16,345	252,644	53,490	50,855	9,904	4,952	0	0
501-550	2,702	20,263	9,456	5,403	0	0	0	0
551-600	25,511	196,216	25,671	17,815	2,387	2,387	0	0
601-650	8,613	153,504	22,917	5,890	0	0	0	0
651-700	2,405	28,348	6,184	4,638	0	0	0	0
701-750	2,373	65,733	15,276	15,544	8,773	8,143	0	0
751-800	9,666	294,715	47,638	48,220	44,052	19,556	0	0
801-850	2,789	16,439	5,671	4,561	1,161	0	0	0
851-900	4,377	131,776	20,131	20,131	19,151	19,151	4,788	4,788
901-950	10,042	51,816	15,004	10,904	0	0	0	0
951-980	2,440	16,736	8,368	8,368	0	0	0	0
Unknown	102,898	2,667,232	591,264	598,692	540,584	0	0	0
Total	270,634	5,116,881	1,129,249	1,054,190	737,088	57,225	4,788	4,788
Upper Region	39,776	397,511	109,971	113,440	28,022	3,036	0	0
Middle Region	94,727	1,459,464	309,742	229,692	95,345	7,339	0	0
Lower Region	33,233	592,674	118,272	112,366	73,137	46,850	4,788	4,788
Unknown	102,898	2,667,232	591,264	598,692	540,584	0	0	0
Total	270,634	5,116,881	1,129,249	1,054,190	737,088	57,226	4,788	4,788

Table 38.1a. Fishing: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Fishing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	79,178	667,448	0	0	0	50,834	65,138	110,770
51-100	34,140	369,183	0	0	0	7,357	20,301	79,002
101-150	43,301	894,619	0	0	0	23,972	44,456	185,877
151-200	37,720	859,983	0	0	5,263	23,294	27,493	325,768
201-250	40,891	507,518	39,564	1,311	19,127	7,209	2,527	16,966
251-300	35,583	1,134,250	18,881	18,881	60,529	98,443	98,030	180,620
301-350	69,337	1,087,750	0	12,588	36,955	101,685	125,902	173,937
351-400	40,915	895,345	0	0	0	44,493	92,093	188,832
401-450	42,617	446,549	3,891	0	4,354	72,395	51,988	51,814
451-500	52,108	1,203,258	57,453	57,453	57,453	57,453	88,206	174,763
501-550	20,293	164,572	8,431	2,268	7,557	2,268	3,779	21,785
551-600	52,918	506,940	6,163	6,376	66,944	47,500	62,003	63,434
601-650	64,277	418,899	0	0	0	6,124	37,310	67,709
651-700	9,171	60,466	0	0	0	4,372	5,507	15,310
701-750	22,998	563,520	70,804	0	0	32,678	44,057	100,887
751-800	18,439	414,709	0	14,659	22,966	23,780	41,208	82,818
801-850	10,513	434,775	0	1,799	8,109	20,609	18,219	100,891
851-900	20,107	296,179	2,268	4,066	4,965	13,787	55,867	51,230
901-950	42,504	485,077	0	0	31,189	39,086	62,023	99,028
951-980	10,584	25,771	0	0	2,666	1,512	9,598	3,495
Unknown	212,652	2,617,364	18,881	1,210	90,231	135,709	248,356	374,165
Total	960,246	14,054,174	226,335	120,610	418,306	814,558	1,204,063	2,469,101
Upper Region	316,495	5,052,295	58,445	26,486	115,579	245,222	313,487	964,865
Middle Region	304,483	4,154,045	75,937	72,390	142,601	300,561	410,037	690,916
Lower Region	126,617	2,230,471	73,071	20,524	69,894	133,066	232,182	439,155
Unknown	212,652	2,617,364	18,881	1,210	90,231	135,709	248,356	374,165
Total	960,246	14,054,174	226,335	120,610	418,306	814,558	1,204,063	2,469,101

Table 38.1b. Fishing: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Fishing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	79,178	667,448	176,618	94,523	60,872	61,541	57,310	0
51-100	34,140	369,183	81,849	105,946	75,691	5,474	0	0
101-150	43,301	894,619	234,631	226,498	26,674	26,674	0	0
151-200	37,720	859,983	216,831	182,718	43,088	20,724	14,803	0
201-250	40,891	507,518	63,360	60,591	19,893	7,789	5,263	6,555
251-300	35,583	1,134,250	164,852	181,683	187,955	39,377	23,626	18,881
301-350	69,337	1,087,750	170,699	154,811	92,566	59,301	21,537	0
351-400	40,915	895,345	247,953	146,552	47,946	0	0	0
401-450	42,617	446,549	54,205	55,768	57,136	40,940	47,150	0
451-500	52,108	1,203,258	194,999	149,010	98,400	98,767	41,681	68,013
501-550	20,293	164,572	24,411	16,751	9,950	18,529	18,529	2,268
551-600	52,918	506,940	18,806	55,158	56,158	42,704	44,609	10,786
601-650	64,277	418,899	84,691	42,295	0	13,394	15,939	0
651-700	9,171	60,466	17,041	7,936	10,300	0	0	0
701-750	22,998	563,520	86,746	90,740	86,565	49,427	0	0
751-800	18,439	414,709	89,671	62,112	41,536	31,358	1,143	0
801-850	10,513	434,775	326,608	97,062	9,460	1,351	3,379	1,351
851-900	20,107	296,179	42,517	36,854	36,081	34,180	9,285	3,167
901-950	42,504	485,077	84,565	101,204	34,040	21,864	10,500	1,579
951-980	10,584	25,771	3,495	3,495	1,512	0	0	0
Unknown	212,652	2,617,364	422,057	509,285	78,658	32,962	3,808	0
Total	960,246	14,054,174	2,806,606	2,380,992	1,074,481	606,357	318,560	112,600
Upper Region	316,495	5,052,295	1,035,719	944,385	450,286	208,784	116,737	25,436
Middle Region	304,483	4,154,045	712,689	533,720	334,209	226,430	173,709	81,066
Lower Region	126,617	2,230,471	636,141	393,602	211,329	138,181	24,306	6,098
Unknown	212,652	2,617,364	422,057	509,285	78,658	32,962	3,808	0
Total	960,246	14,054,174	2,806,606	2,380,992	1,074,481	606,357	318,560	112,600

Table 38.2a. Fishing: Numbers of Child Participants and Events by River Section and Month (Part 1)

Fishing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	23,607	158,354	0	0	0	9,193	950	16,753
51-100	3,036	68,315	0	0	0	0	0	22,772
101-150	2,932	56,534	0	0	0	3,795	8,307	8,665
151-200	7,934	79,453	0	0	0	0	963	54,047
201-250	1,650	18,728	810	810	0	0	0	5,671
251-300	5,936	96,502	0	0	4,361	9,846	5,233	14,852
301-350	3,758	36,272	0	0	3,147	3,147	3,153	8,754
351-400	10,392	63,306	0	0	0	0	0	7,079
401-450	11,550	48,094	0	0	0	0	3,422	8,777
451-500	12,369	66,693	0	0	0	0	12,360	15,677
501-550	619	15,475	696	696	696	696	2,476	2,476
551-600	4,423	70,322	0	0	3,634	3,571	3,571	11,110
601-650	12,603	67,782	0	0	0	1,295	2,056	29,160
651-700	2,483	10,789	0	0	0	0	1,154	4,218
701-750	1,198	7,082	0	0	0	1,514	1,514	1,473
751-800	605	9,368	0	401	802	802	802	1,251
801-850	2,122	53,419	0	0	4,006	4,023	4,023	12,446
851-900	828	4,967	0	0	0	0	1,656	2,483
901-950	1,627	7,295	0	0	0	0	0	2,434
951-980	929	929	0	0	0	464	464	0
Unknown	0	0	0	0	0	0	0	0
Total	110,601	939,679	1,506	1,907	16,646	38,346	52,102	230,097
Upper Region	46,224	487,870	810	810	7,508	25,981	18,606	122,759
Middle Region	54,997	362,082	696	696	4,330	5,562	25,038	84,187
Lower Region	9,379	89,727	0	401	4,808	6,803	8,458	23,152
Unknown	0	0	0	0	0	0	0	0
Total	110,601	939,679	1,506	1,907	16,646	38,346	52,102	230,097

Table 38.2b. Fishing: Numbers of Child Participants and Events by River Section and Month (Part 2)

Fishing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	23,607	158,354	79,354	17,547	950	16,803	16,803	0
51-100	3,036	68,315	22,772	22,772	0	0	0	0
101-150	2,932	56,534	16,387	9,555	6,030	3,795	0	0
151-200	7,934	79,453	11,746	11,734	963	0	0	0
201-250	1,650	18,728	3,853	3,853	2,036	0	0	1,696
251-300	5,936	96,502	19,213	14,852	23,785	2,617	1,744	0
301-350	3,758	36,272	9,319	8,754	0	0	0	0
351-400	10,392	63,306	49,148	7,079	0	0	0	0
401-450	11,550	48,094	8,777	20,275	3,422	3,422	0	0
451-500	12,369	66,693	22,777	15,677	202	0	0	0
501-550	619	15,475	2,476	2,476	696	696	696	696
551-600	4,423	70,322	11,110	18,265	10,726	10,726	0	0
601-650	12,603	67,782	10,157	5,276	14,887	4,952	0	0
651-700	2,483	10,789	4,402	837	178	0	0	0
701-750	1,198	7,082	1,473	1,469	1,153	0	0	0
751-800	605	9,368	2,056	2,053	802	401	0	0
801-850	2,122	53,419	12,451	12,446	4,023	0	0	0
851-900	828	4,967	828	0	0	0	0	0
901-950	1,627	7,295	2,434	2,428	0	0	0	0
951-980	929	929	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	110,601	939,679	290,731	177,347	69,853	43,411	19,244	2,393
Upper Region	46,224	487,870	153,863	80,312	33,764	23,215	18,547	1,696
Middle Region	54,997	362,082	114,379	78,461	29,933	19,796	696	696
Lower Region	9,379	89,727	22,489	18,573	6,156	401	0	0
Unknown	0	0	0	0	0	0	0	0
Total	110,601	939,679	290,731	177,347	69,853	43,411	19,244	2,393

Table 38.3a. Fishing: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 1)

Fishing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	102,785	825,801	0	0	0	60,028	66,089	127,523
51-100	37,176	437,498	0	0	0	7,357	20,301	101,774
101-150	46,233	951,152	0	0	0	27,767	52,763	194,542
151-200	45,653	939,436	0	0	5,263	23,294	28,456	379,815
201-250	42,541	526,246	40,374	2,121	19,127	7,209	2,527	22,637
251-300	41,519	1,230,751	18,881	18,881	64,890	108,288	103,264	195,472
301-350	73,095	1,124,022	0	12,588	40,102	104,832	129,055	182,691
351-400	51,307	958,651	0	0	0	44,493	92,093	195,911
401-450	54,167	494,643	3,891	0	4,354	72,395	55,410	60,592
451-500	64,477	1,269,951	57,453	57,453	57,453	57,453	100,566	190,440
501-550	20,912	180,047	9,127	2,964	8,253	2,964	6,255	24,261
551-600	57,341	577,262	6,163	6,376	70,578	51,071	65,574	74,544
601-650	76,880	486,682	0	0	0	7,419	39,366	96,869
651-700	11,654	71,256	0	0	0	4,372	6,661	19,528
701-750	24,197	570,602	70,804	0	0	34,192	45,571	102,360
751-800	19,044	424,077	0	15,060	23,767	24,581	42,010	84,069
801-850	12,635	488,194	0	1,799	12,115	24,632	22,242	113,337
851-900	20,934	301,145	2,268	4,066	4,965	13,787	57,522	53,713
901-950	44,131	492,373	0	0	31,189	39,086	62,023	101,462
951-980	11,512	26,700	0	0	2,666	1,976	10,062	3,495
Unknown	212,652	2,617,364	18,881	1,210	90,231	135,709	248,356	374,165
Total	1,070,847	14,993,853	227,841	122,517	434,951	852,904	1,256,165	2,699,198
Upper Region	362,719	5,540,165	59,255	27,296	123,087	271,203	332,093	1,087,624
Middle Region	359,480	4,516,127	76,634	73,086	146,931	306,123	435,075	775,103
Lower Region	135,996	2,320,197	73,071	20,925	74,702	139,869	240,640	462,307
Unknown	212,652	2,617,364	18,881	1,210	90,231	135,709	248,356	374,165
Total	1,070,847	14,993,853	227,841	122,517	434,951	852,904	1,256,165	2,699,198

Table 38.3b. Fishing: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 2)

Fishing								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	102,785	825,801	255,972	112,070	61,823	78,343	74,113	0
51-100	37,176	437,498	104,621	128,718	75,691	5,474	0	0
101-150	46,233	951,152	251,017	236,054	32,703	30,469	0	0
151-200	45,653	939,436	228,577	194,452	44,051	20,724	14,803	0
201-250	42,541	526,246	67,213	64,444	21,929	7,789	5,263	8,251
251-300	41,519	1,230,751	184,065	196,535	211,740	41,994	25,371	18,881
301-350	73,095	1,124,022	180,018	163,565	92,566	59,301	21,537	0
351-400	51,307	958,651	297,101	153,631	47,946	0	0	0
401-450	54,167	494,643	62,982	76,043	60,558	44,362	47,150	0
451-500	64,477	1,269,951	217,777	164,687	98,602	98,767	41,681	68,013
501-550	20,912	180,047	26,887	19,227	10,647	19,225	19,225	2,964
551-600	57,341	577,262	29,916	73,423	66,884	53,430	44,609	10,786
601-650	76,880	486,682	94,848	47,571	14,887	18,346	15,939	0
651-700	11,654	71,256	21,443	8,774	10,478	0	0	0
701-750	24,197	570,602	88,219	92,209	87,718	49,427	0	0
751-800	19,044	424,077	91,727	64,165	42,338	31,759	1,143	0
801-850	12,635	488,194	339,059	109,509	13,483	1,351	3,379	1,351
851-900	20,934	301,145	43,345	36,854	36,081	34,180	9,285	3,167
901-950	44,131	492,373	86,999	103,631	34,040	21,864	10,500	1,579
951-980	11,512	26,700	3,495	3,495	1,512	0	0	0
Unknown	212,652	2,617,364	422,057	509,285	78,658	32,962	3,808	0
Total	1,070,847	14,993,853	3,097,337	2,558,339	1,144,334	649,768	337,803	114,993
Upper Region	362,719	5,540,165	1,189,582	1,024,697	484,050	231,999	135,284	27,132
Middle Region	359,480	4,516,127	827,068	612,182	364,142	246,225	174,405	81,763
Lower Region	135,996	2,320,197	658,630	412,175	217,485	138,582	24,306	6,098
Unknown	212,652	2,617,364	422,057	509,285	78,658	32,962	3,808	0
Total	1,070,847	14,993,853	3,097,337	2,558,339	1,144,334	649,768	337,803	114,993

Table 39.1a. Hunting: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Hunting								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	1,573	14,161	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	1,560	1,560	1,560	0	0	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	807	9,683	0	0	0	0	0	0
751-800	0	0	0	0	0	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	1,351	1,351	0	0	0	0	0	0
901-950	3,159	30,010	0	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	8,450	56,765	1,560	0	0	0	0	0
Upper	1,573	14,161	0	0	0	0	0	0
Middle	1,560	1,560	1,560	0	0	0	0	0
Lower	5,317	41,044	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	8,450	56,765	1,560	0	0	0	0	0

Table 39.1b. Hunting: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Hunting								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	1,573	14,161	0	0	0	0	14,161	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	1,560	1,560	0	0	0	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	807	9,683	0	0	0	0	8,069	1,614
751-800	0	0	0	0	0	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	1,351	1,351	0	1,351	0	0	0	0
901-950	3,159	30,010	0	0	6,318	0	0	23,692
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	8,450	56,765	0	1,351	6,318	0	22,230	25,306
Upper	1,573	14,161	0	0	0	0	14,161	0
Middle	1,560	1,560	0	0	0	0	0	0
Lower	5,317	41,044	0	1,351	6,318	0	8,069	25,306
Unknown	0	0	0	0	0	0	0	0
Total	8,450	56,765	0	1,351	6,318	0	22,230	25,306

Table 39.2a. Hunting: Numbers of Child Participants and Events by River Section and Month (Part 1)

Hunting								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	335	2,230	556	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	0	0	0	0	0	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	0	0	0	0	0	0	0	0
751-800	0	0	0	0	0	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	338	1,689	750	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	673	3,920	1,306	0	0	0	0	0
Upper	335	2,230	556	0	0	0	0	0
Middle	0	0	0	0	0	0	0	0
Lower	338	1,689	750	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	673	3,920	1,306	0	0	0	0	0

Table 39.2b. Hunting: Numbers of Child Participants and Events by River Section and Month (Part 2)

Hunting								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	335	2,230	0	0	0	0	559	559
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	0	0	0	0	0	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	0	0	0	0	0	0	0	0
751-800	0	0	0	0	0	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	338	1,689	0	0	0	0	750	750
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	673	3,920	0	0	0	0	1,309	1,309
Upper	335	2,230	0	0	0	0	559	559
Middle	0	0	0	0	0	0	0	0
Lower	338	1,689	0	0	0	0	750	750
Unknown	0	0	0	0	0	0	0	0
Total	673	3,920	0	0	0	0	1,309	1,309

Table 39.3a. Hunting: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 1)

Hunting								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	335	2,230	556	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	1,573	14,161	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	1,560	1,560	1,560	0	0	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	807	9,683	0	0	0	0	0	0
751-800	0	0	0	0	0	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	1,351	1,351	0	0	0	0	0	0
901-950	3,497	31,699	750	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	9,123	60,685	2,866	0	0	0	0	0
Upper	1,908	16,392	556	0	0	0	0	0
Middle	1,560	1,560	1,560	0	0	0	0	0
Lower	5,655	42,734	750	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	9,123	60,685	2,866	0	0	0	0	0

Table 39.3b. Hunting: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 2)

Hunting								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	335	2,230	0	0	0	0	559	559
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	1,573	14,161	0	0	0	0	14,161	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	1,560	1,560	0	0	0	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	807	9,683	0	0	0	0	8,069	1,614
751-800	0	0	0	0	0	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	1,351	1,351	0	1,351	0	0	0	0
901-950	3,497	31,699	0	0	6,318	0	750	24,442
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	9,123	60,685	0	1,351	6,318	0	23,540	26,615
Upper	1,908	16,392	0	0	0	0	14,721	559
Middle	1,560	1,560	0	0	0	0	0	0
Lower	5,655	42,734	0	1,351	6,318	0	8,819	26,056
Unknown	0	0	0	0	0	0	0	0
Total	9,123	60,685	0	1,351	6,318	0	23,540	26,615

Table 40.1a. Other Recreation With Likely Contact: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Other Recreation With Likely Contact								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	0	0	0	0	0	0	0	0
51-100	6,376	117,948	0	0	0	3,188	12,751	38,253
101-150	0	0	0	0	0	0	0	0
151-200	8,446	152,025	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	2,016	22,522	0	0	0	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	859	6,015	0	0	0	0	0	0
701-750	1,698	7,750	0	647	647	0	0	1,614
751-800	647	647	0	647	0	0	0	0
801-850	627	627	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	0	0	0	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	1,379	8,275	0	0	0	0	0	0
Total	22,048	315,809	0	1,294	647	3,188	12,751	39,867
Upper Region	14,821	269,973	0	0	0	3,188	12,751	38,253
Middle Region	2,876	28,537	0	0	0	0	0	0
Lower Region	2,972	9,024	0	1,294	647	0	0	1,614
Unknown	1,379	8,275	0	0	0	0	0	0
Total	22,048	315,809	0	1,294	647	3,188	12,751	39,867

Table 40.1b. Other Recreation With Likely Contact: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Other Recreation With Likely Contact								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	0	0	0	0	0	0	0	0
51-100	6,376	117,948	63,756	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	8,446	152,025	33,783	118,242	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	2,016	22,522	0	0	0	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	859	6,015	4,296	1,719	0	0	0	0
701-750	1,698	7,750	1,614	1,614	1,614	0	0	0
751-800	647	647	0	0	0	0	0	0
801-850	627	627	627	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	0	0	0	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	1,379	8,275	2,758	2,758	2,758	0	0	0
Total	22,048	315,809	106,834	124,332	4,372	0	0	0
Upper Region	14,821	269,973	97,539	118,242	0	0	0	0
Middle Region	2,876	28,537	4,296	1,719	0	0	0	0
Lower Region	2,972	9,024	2,241	1,614	1,614	0	0	0
Unknown	1,379	8,275	2,758	2,758	2,758	0	0	0
Total	22,048	315,809	106,834	124,332	4,372	0	0	0

Table 40.2a. Other Recreation With Likely Contact: Numbers of Child Participants and Events by River Section and Month (Part 1)

Other Recreation With Likely Contact								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	5,673	52,926	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	6,837	73,028	0	0	0	0	10,131	16,210
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	252	504	0	0	0	0	0	169
651-700	412	5,495	0	0	0	0	0	0
701-750	180	2,163	0	0	0	0	270	541
751-800	472	5,112	0	0	727	732	732	732
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	338	1,014	0	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	14,163	140,240	0	0	727	732	11,133	17,651
Upper Region	0	0	0	0	0	0	0	0
Middle Region	12,761	126,458	0	0	0	0	10,131	16,379
Lower Region	1,402	13,782	0	0	727	732	1,002	1,272
Unknown	0	0	0	0	0	0	0	0
Total	14,163	140,240	0	0	727	732	11,133	17,651

Table 40.2b. Other Recreation With Likely Contact: Numbers of Child Participants and Events by River Section and Month (Part 2)

Other Recreation With Likely Contact								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	5,673	52,926	26,463	26,463	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	6,837	73,028	20,345	16,210	10,131	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	252	504	169	166	0	0	0	0
651-700	412	5,495	2,747	2,747	0	0	0	0
701-750	180	2,163	541	541	270	0	0	0
751-800	472	5,112	732	732	727	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	338	1,014	1,014	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	14,163	140,240	52,010	46,859	11,128	0	0	0
Upper Region	0	0	0	0	0	0	0	0
Middle Region	12,761	126,458	46,977	42,839	10,131	0	0	0
Lower Region	1,402	13,782	5,033	4,020	997	0	0	0
Unknown	0	0	0	0	0	0	0	0
Total	14,163	140,240	52,010	46,859	11,128	0	0	0

Table 40.3a. Other Recreation With Likely Contact: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 1)

Other Recreation With Likely Contact								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	0	0	0	0	0	0	0	0
51-100	6,376	117,948	0	0	0	3,188	12,751	38,253
101-150	0	0	0	0	0	0	0	0
151-200	8,446	152,025	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	5,673	52,926	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	8,853	95,550	0	0	0	0	10,131	16,210
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	252	504	0	0	0	0	0	169
651-700	1,271	11,510	0	0	0	0	0	0
701-750	1,878	9,912	0	647	647	0	270	2,154
751-800	1,119	5,759	0	647	727	732	732	732
801-850	627	627	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	338	1,014	0	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	1,379	8,275	0	0	0	0	0	0
Total	36,211	456,049	0	1,294	1,374	3,919	23,884	57,518
Upper Region	14,821	269,973	0	0	0	3,188	12,751	38,253
Middle Region	15,637	154,994	0	0	0	0	10,131	16,379
Lower Region	4,374	22,806	0	1,294	1,374	732	1,002	2,886
Unknown	1,379	8,275	0	0	0	0	0	0
Total	36,211	456,049	0	1,294	1,374	3,919	23,884	57,518

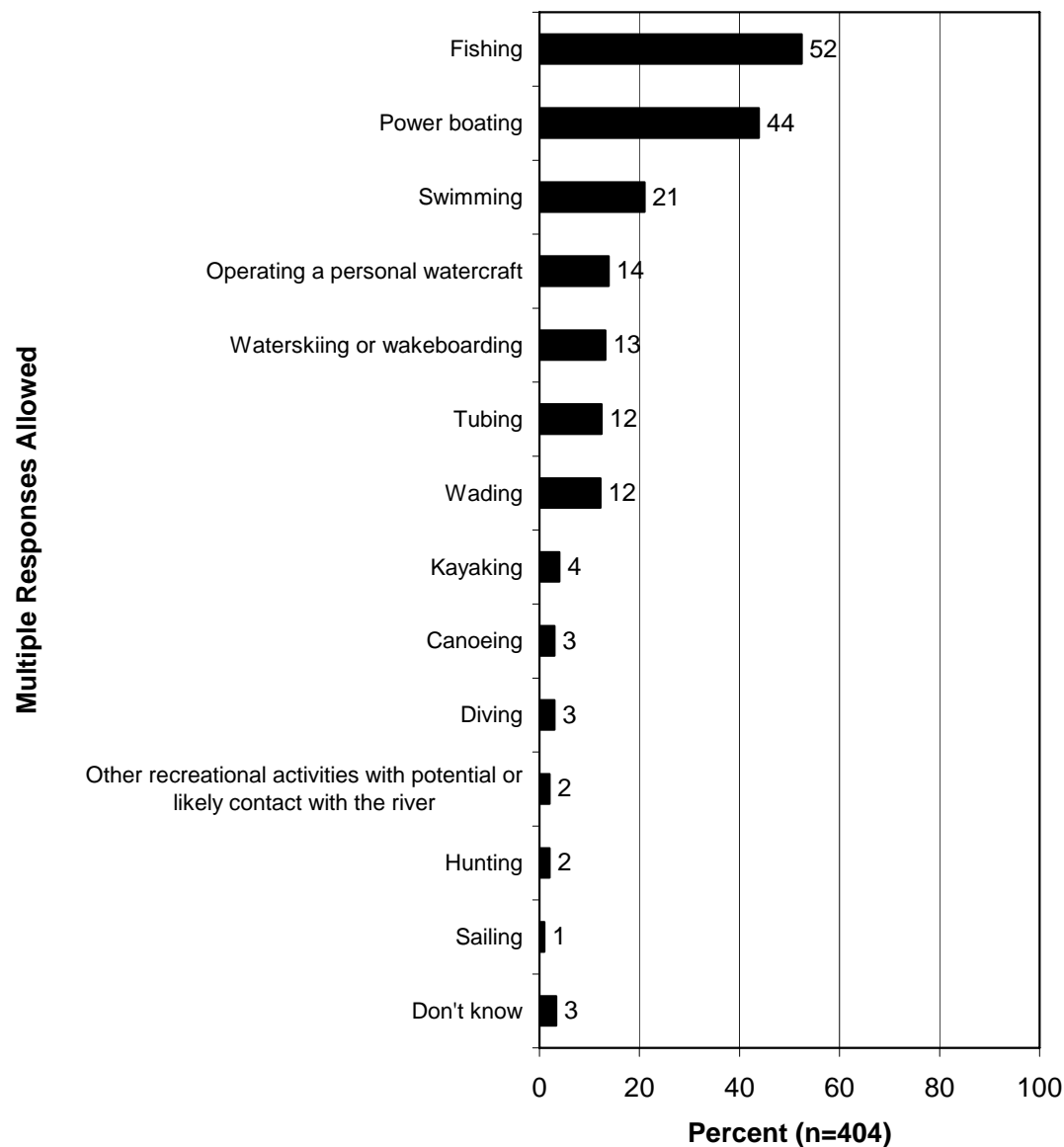
Table 40.3b. Other Recreation With Likely Contact: Numbers of Adult and Child Participants (Combined) and Events by River Section and Month (Part 2)

Other Recreation With Likely Contact								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	0	0	0	0	0	0	0	0
51-100	6,376	117,948	63,756	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	8,446	152,025	33,783	118,242	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	5,673	52,926	26,463	26,463	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	8,853	95,550	20,345	16,210	10,131	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	252	504	169	166	0	0	0	0
651-700	1,271	11,510	7,044	4,466	0	0	0	0
701-750	1,878	9,912	2,154	2,154	1,884	0	0	0
751-800	1,119	5,759	732	732	727	0	0	0
801-850	627	627	627	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	338	1,014	1,014	0	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	1,379	8,275	2,758	2,758	2,758	0	0	0
Total	36,211	456,049	158,844	171,191	15,501	0	0	0
Upper Region	14,821	269,973	97,539	118,242	0	0	0	0
Middle Region	15,637	154,994	51,273	44,558	10,131	0	0	0
Lower Region	4,374	22,806	7,274	5,633	2,611	0	0	0
Unknown	1,379	8,275	2,758	2,758	2,758	0	0	0
Total	36,211	456,049	158,844	171,191	15,501	0	0	0

In addition to the tabulations of data above, a graph of activities in which respondents participated is shown in Figure 14.

Figure 14. Participation in Ohio River-Based Activities

Q19. Did you, personally, participate in any of the following activities on or in the Ohio River in the past 12 months? (Asked of individuals who have participated in any contact activities on or in the Ohio River in the past 12 months.)



Trends in Participation

The telephone survey asked about self-reported trends in river-based recreation participation over the past 5 years. Two graphs are presented on the following pages: Figure 15 shows all activities reported by respondents (i.e., any activity that occurred on, in, or along the river regardless of level of contact with river), and Figure 16 shows river-contact recreation only (i.e., only those activities considered primary and secondary contact recreation activities).

- Nearly half of all respondents who participated in activities on or in the Ohio River in the past 12 months indicated that their participation stayed about the same in comparison to their participation in the previous 5 years; this is true for all respondents who participated in any activity (47% gave this response) as well as when the data is examined for only those respondents who participated in primary and/or secondary contact recreation activities (44%). Otherwise, respondents are about evenly split between saying their participation had increased or decreased.
- Because about half of respondents indicated their participation stayed the same in the previous 5 years and the other half were about evenly split between indicating their participation had increased or decreased, it is likely that 2008, the year of participation reported herein, is a typical year of participation for respondents. It is important to note the conclusion that 2008 represents a typical year of participation is based on the assumption that fluctuation among those whose participation increased and those whose participation decreased were reasonably similar fluctuations without any drastic or catastrophic events to influence a larger fluctuation in one category than in the other. Such drastic events would have been likely to result in a more varied or uneven split between the increased and decreased categories.

Figure 15. Trends in Participation in River-Based Activities

Q22. In comparison to your participation in the previous 5 years, would you say your participation in activities on or in the Ohio River increased, stayed about the same, or decreased in the past 12 months?
(Asked of individuals who participated in activities on, in, or along the Ohio River in the past 12 months.)

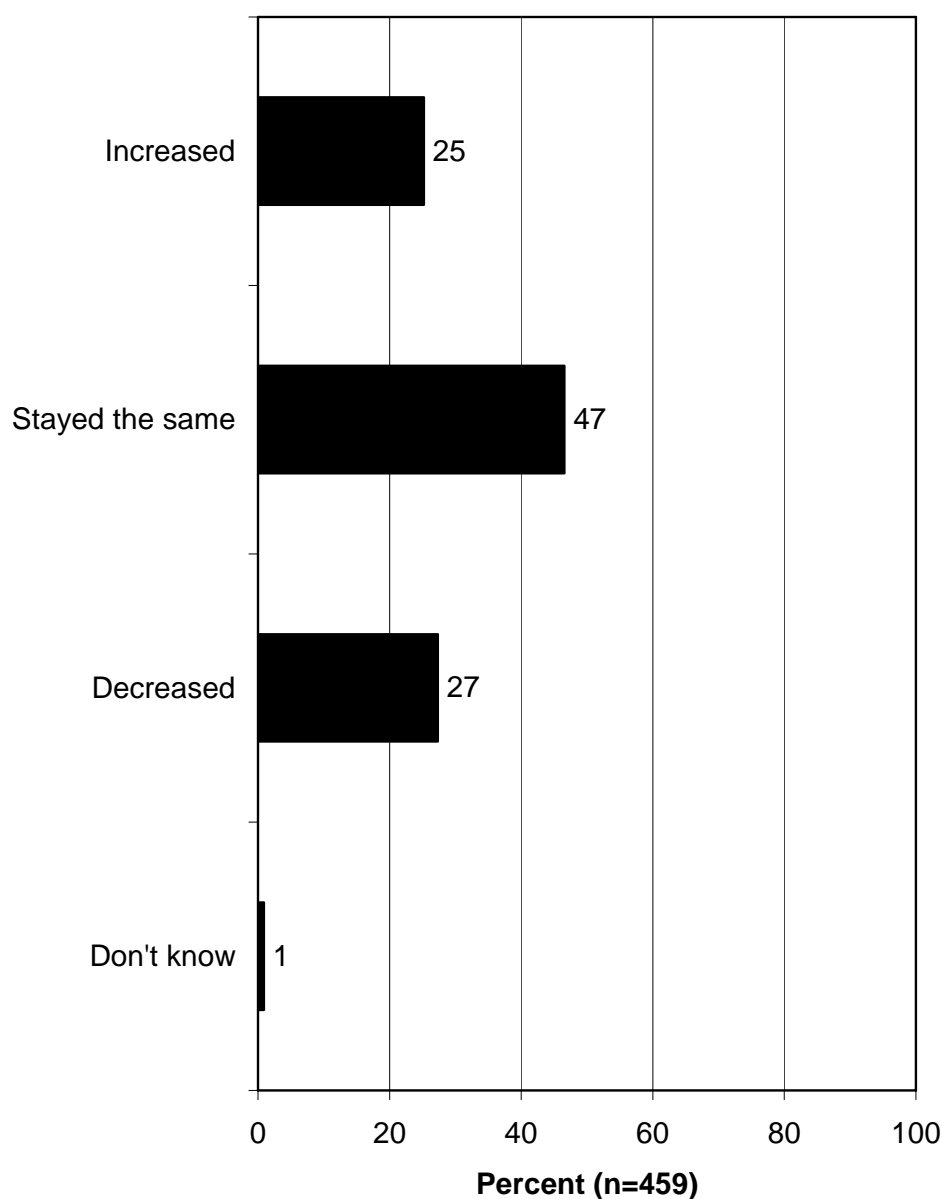
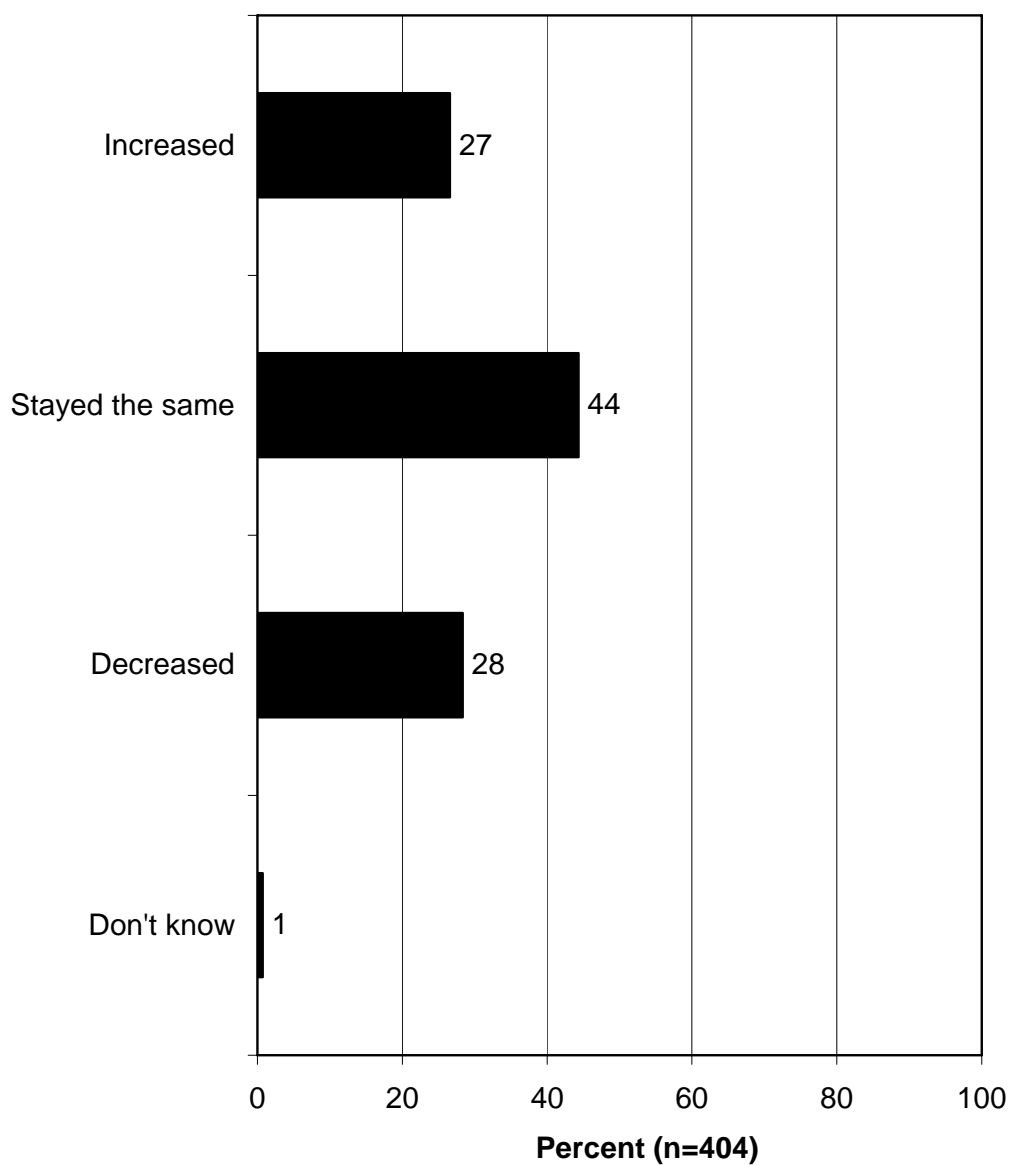


Figure 16. Trends in Participation in River-Contact Activities

Q22. In comparison to your participation in the previous 5 years, would you say your participation in activities on or in the Ohio River increased, stayed about the same, or decreased in the past 12 months?
(Asked of individuals who participated in contact activities on or in the Ohio River in the past 12 months.)



Children's Participation

Telephone survey respondents were asked about the participation of children living in their household in activities on or in the Ohio River in the past 12 months.

- The large majority who has children living in their household indicated that none of the children participated in activities on or in the Ohio River in the past 12 months (Figure 17). Among those who did have children who participated in activities on or in the Ohio River, fishing and power boating were the most commonly reported activities among children, followed by swimming (Figure 18).

Figure 17. Children's Participation in Ohio River-Based Activities

Q50/52. How many of your children/Has your child participated in activities on or in the Ohio River in the past 12 months? (Asked of individuals who have children, age 17 or younger, living in their household.)

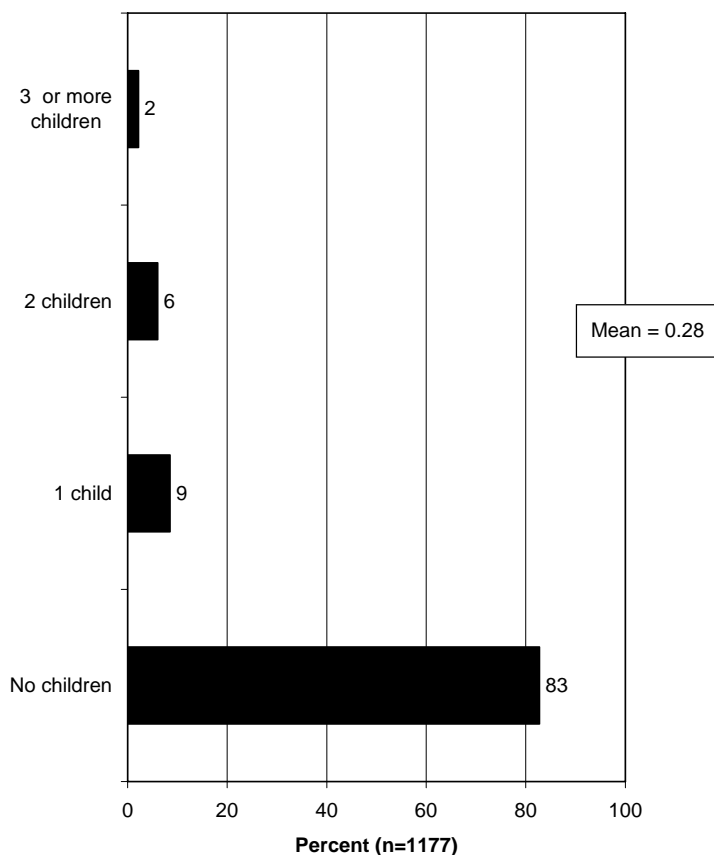
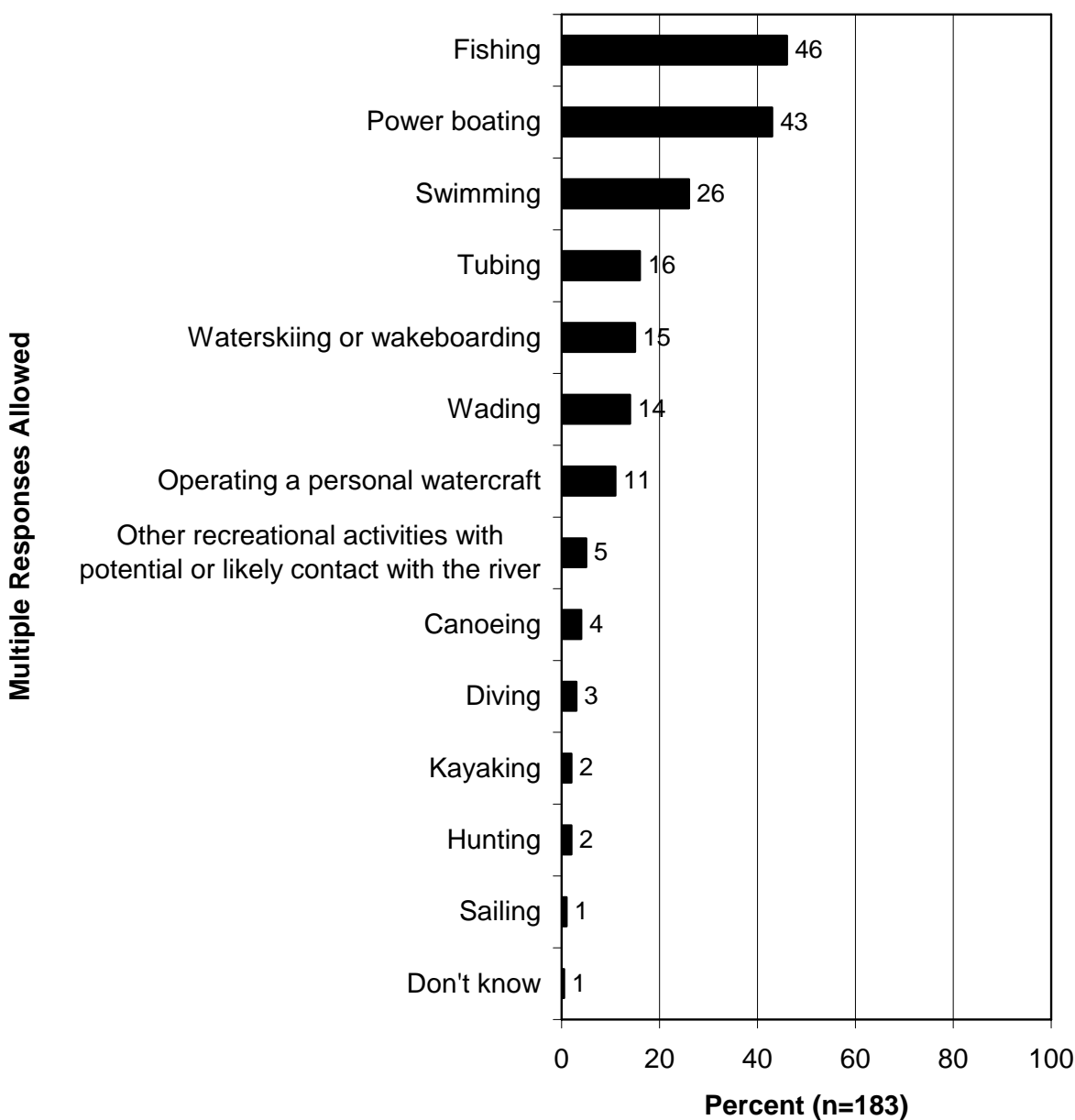


Figure 18. Types of Children's Ohio River-Based Activities

Q55. In which of the following activities did your child or your children participate on or in the Ohio River in the past 12 months? (Asked of individuals who have children age 17 or younger living in their household who have participated in contact recreation activities on or in the Ohio River in the past 12 months.)

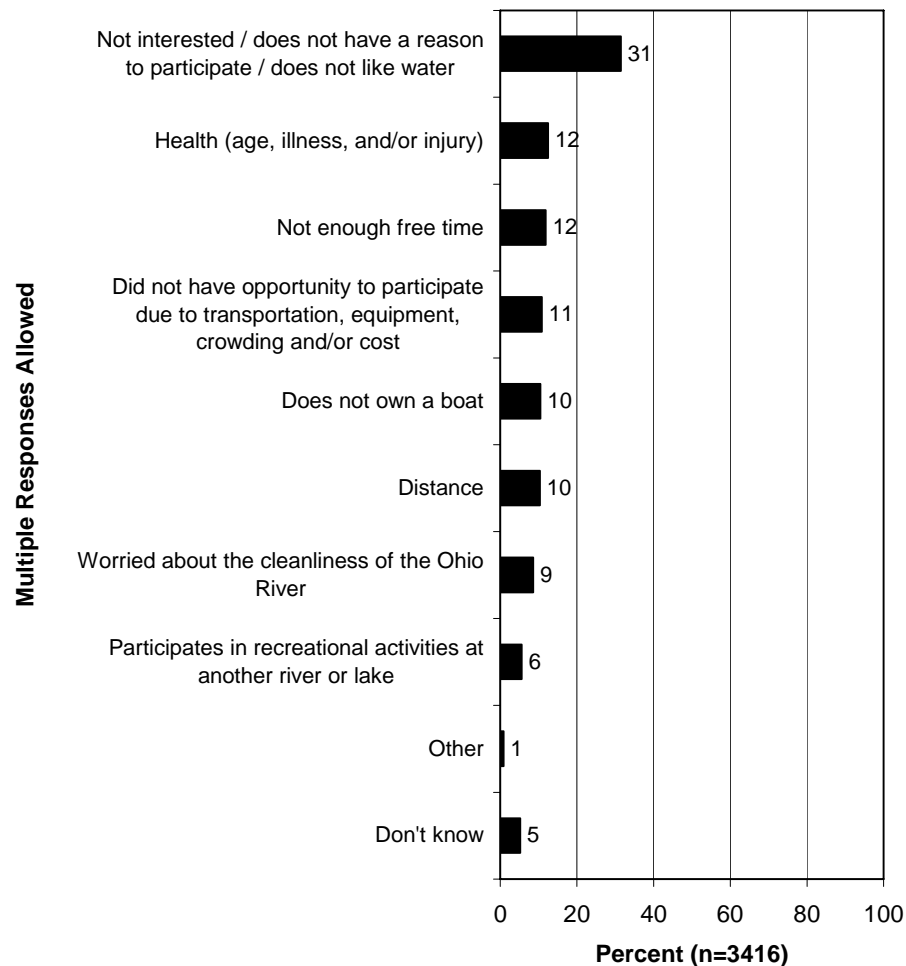


Participation: Motivations and Constraints

The survey asked about constraints to participation in an open-ended question among those residents of the Inner Ribbon who did not participate in any activities on or in the Ohio River in the past 12 months (Figure 19).

Figure 19. Reasons for Not Participating in Ohio River-Based Activities

Q21. What are the main reasons that you didn't participate in any activities on or in the Ohio River in the past 12 months? (Asked of those in the Inner Ribbon who have not participated in any activities on or in the Ohio River in the past 12 months.)



Those who indicated that their participation in Ohio River recreation has increased were asked to indicate why it had increased (Figure 20). These reasons explore motivations for participating. Following this graph is an analogous graph for decreased participation (i.e., constraints) (Figure 21).

Figure 20. Why Ohio River-Based Activities Increased

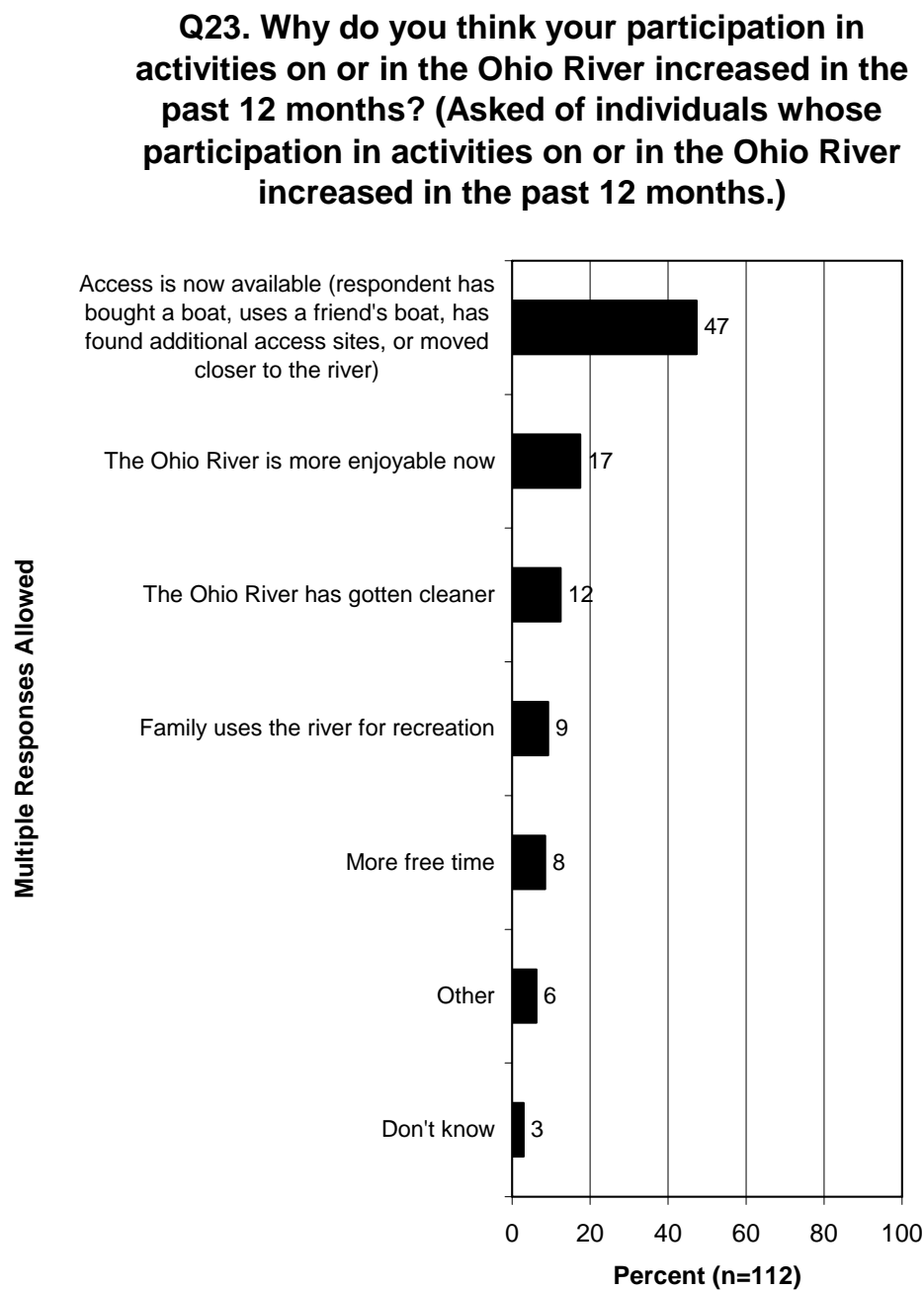
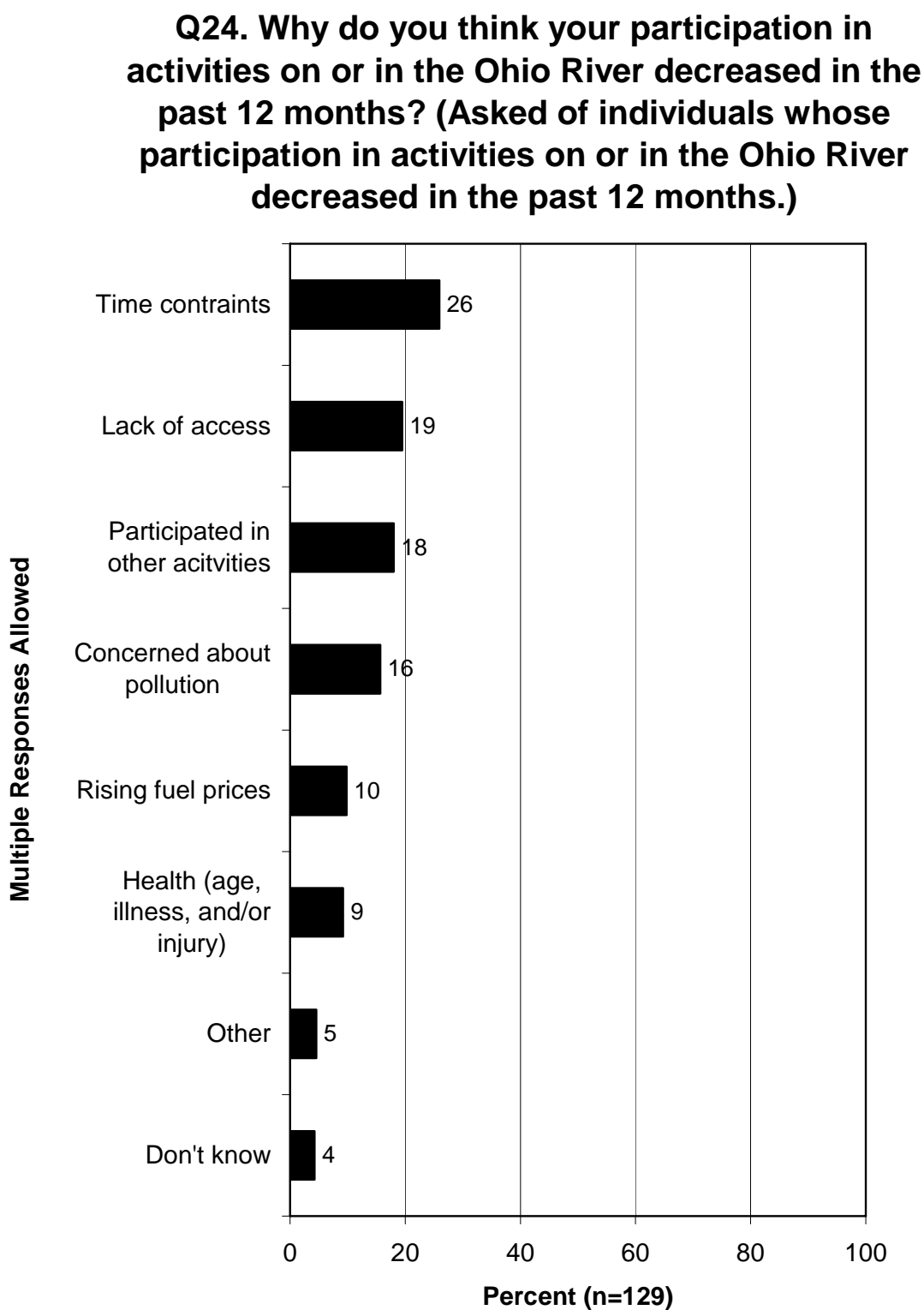


Figure 21. Why Ohio River-Based Activities Decreased

The survey asked 16 questions about possible constraints to participation. For each factor, the survey asked if it strongly influenced, moderately influenced, or did not influence the respondent to participate less than he/she would otherwise have participated. The results of this series of questions were compiled so that results for specific responses are shown on a single graph.

Three graphs are shown, all ranked from the highest to lowest percentages:

- Figure 22. The percentages who said the factors *strongly* influenced participation decisions
- Figure 23. The percentages who said the factors *strongly* or *moderately* influenced participation decisions
- Figure 24. The percentage who said the factors did *not* influence participation decisions

Figure 22. Factors Strongly Influencing Participation Decisions

Q29-44. Percent of Inner Ribbon residents who indicated that the following factors strongly influenced his/her decision to participate less than he/she otherwise would have in activities on or in the Ohio River in the past 12 months:

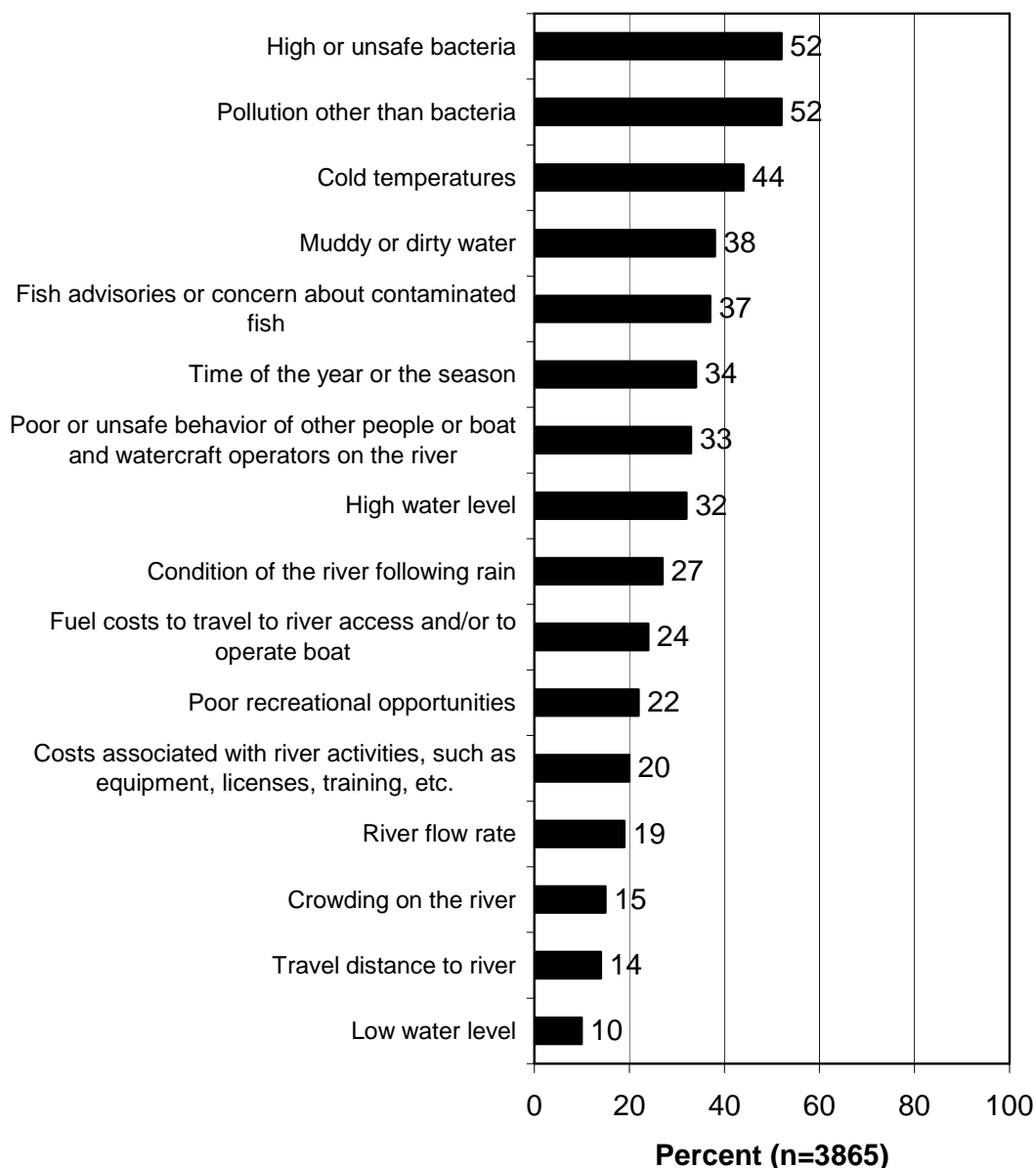


Figure 23. Factors Strongly or Moderately Influencing Participation Decisions

Q29-44. Percent of Inner Ribbon residents who indicated that the following factors strongly or moderately influenced his/her decision to participate less than he/she otherwise would have in activities on or in the Ohio River in the past 12 months:

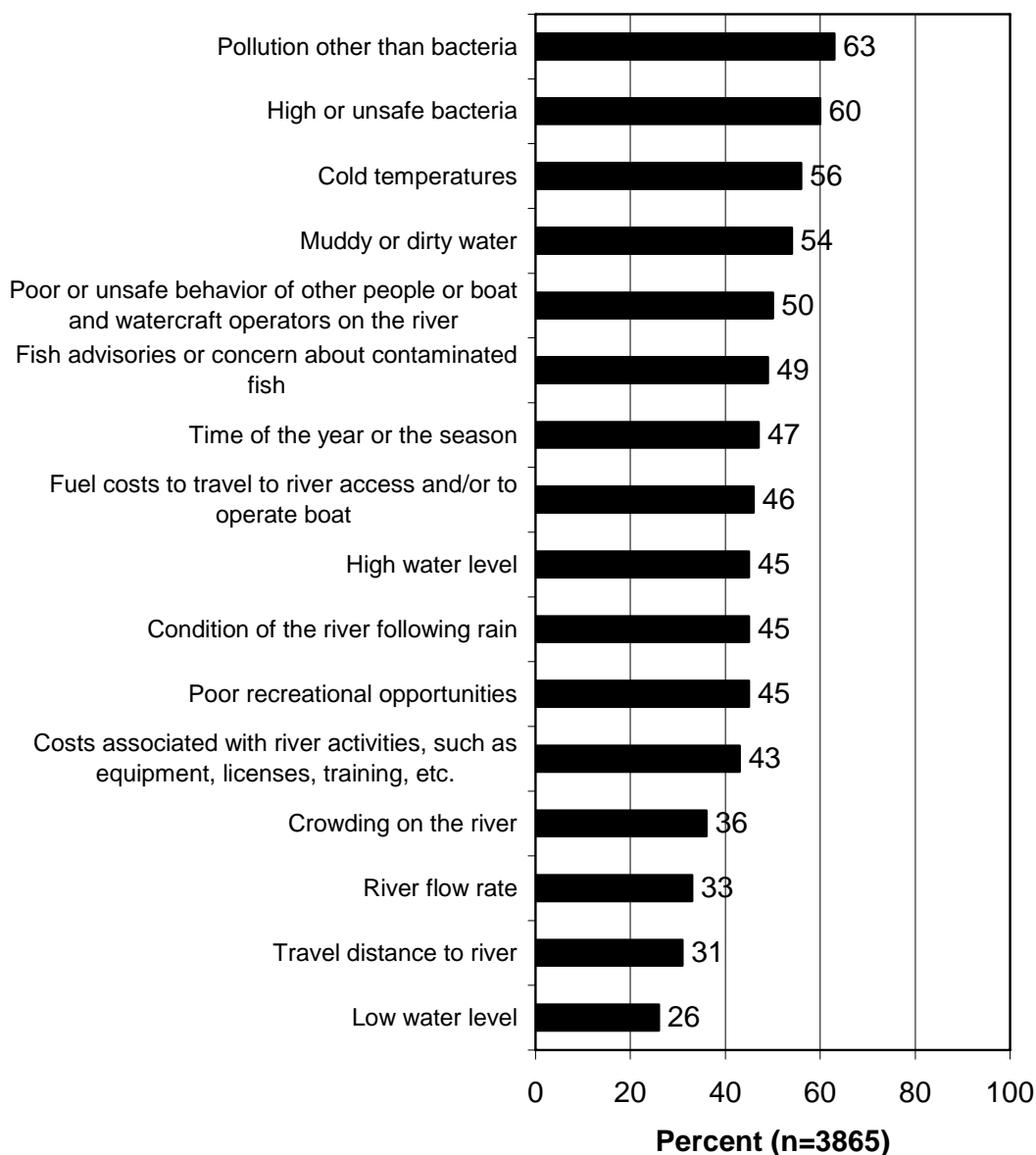
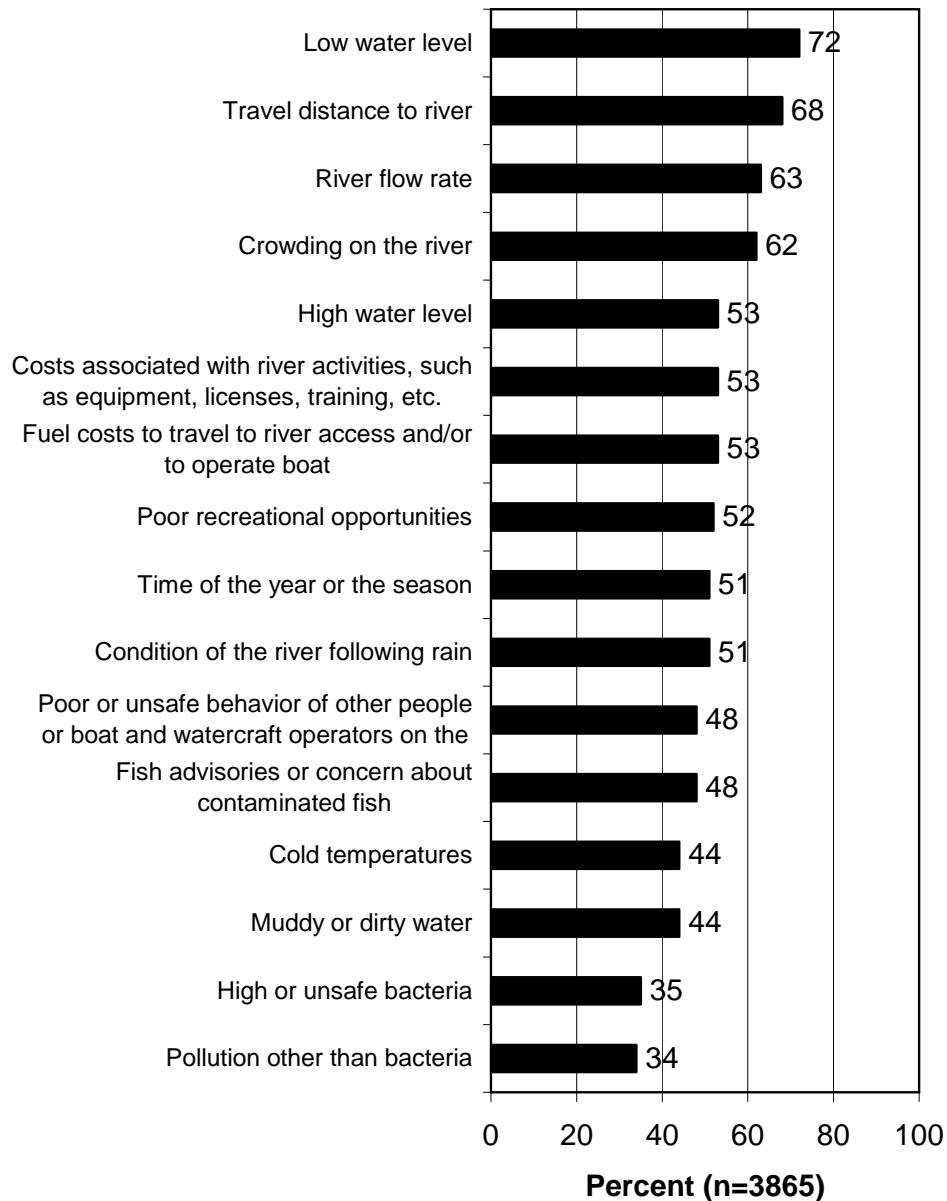


Figure 24. Factors Not Influencing Participation Decisions

Q29-44. Percent of Inner Ribbon residents who indicated that the following factors did not influence his/her decision to participate less than he/she otherwise would have in activities on or in the Ohio River in the past 12 months:



FISH CONSUMPTION

Amount of Fish Consumption

Table 41 shows fish consumption totals for 2008. Table 42 shows the “90th percentile” data. Table 43 and Figures 25 – 28 show some of the data on which the consumption estimates were based (please see the discussion of the methodology used to calculate fish consumption in the section titled, “Analysis of Data”). Finally, Figure 29 shows species of Ohio River fish consumed in 2008.

Table 41. Estimated Total Grams of Freshwater Fish Consumption in 2008

	All Freshwater Fish (in grams)		Ohio River Freshwater Fish (in grams)	
	Inner Ribbon	Inner and Outer Ribbon Combined*	Inner Ribbon	Inner and Outer Ribbon Combined*
Estimated total grams eaten <i>annually</i>	38,293,917,082	48,408,361,065	4,712,166,082	5,985,916,976
Estimated total grams eaten <i>daily</i>	104,914,841	132,625,647	12,910,044	16,399,773

*Sample size for Outer Ribbon too small to report data for fish consumption reliably.

Table 42. Estimated Mean, Median, and 90th Percentile of Fish Consumed Daily Per Person in 2008 Among Inner Ribbon Residents

Inner Ribbon	All Freshwater Fish (in grams)			Ohio River Freshwater Fish (in grams)		
	Mean	Median	90th Percentile*	Mean	Median	90th Percentile*
Upper Region	13.19	2.80	33.55	0.90	0	0
Middle Region	15.94	7.46	37.28	1.50	0	0
Lower Region	15.39	7.46	39.15	3.07	0	9.32
Inner Ribbon Total	14.97	6.52	37.28	1.63	0	1.86

*90th Percentile: 90% of those who reside within 25 miles of the Ohio River consumed the number of grams indicated or less per person per day in 2008.

Table 43. Estimated Portion Sizes and Grams of All Freshwater Fish Consumed Daily Per Person in 2008 Among Those Residing in the Inner Ribbon

Typical portion size of fish (in ounces)	4.68
Typical portion size of fish (in grams)	132.55
Mean number of grams of freshwater fish eaten daily	14.97
Median number of grams of freshwater fish eaten daily	6.52
Mean number of grams of Ohio River freshwater fish eaten daily	1.63
Median number of grams of Ohio River freshwater fish eaten daily	0

Figure 25. Meals of Freshwater Fish Per Month Among All Inner Ribbon Residents

Q84. How many meals with freshwater FISH would you say you typically ate PER MONTH in the past 12 months? (Asked of Inner Ribbon residents)

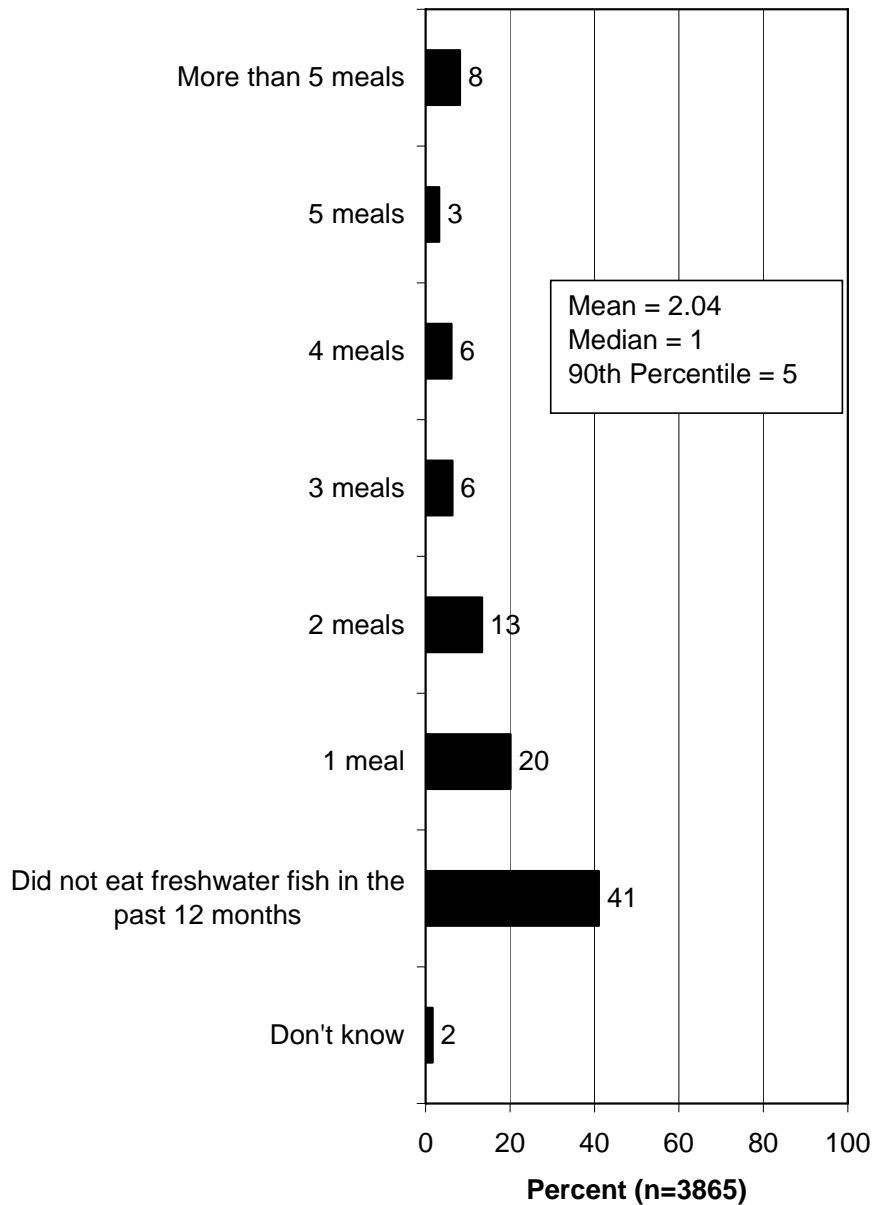


Figure 26. Meals of Freshwater Fish Per Month Among Inner Ribbon Residents Who Have Eaten Any Freshwater Fish in the Past 12 Months

Q84. How many meals with freshwater FISH would you say you typically ate PER MONTH in the past 12 months? (Asked of Inner Ribbon Residents who ate freshwater fish in the past 12 months.)

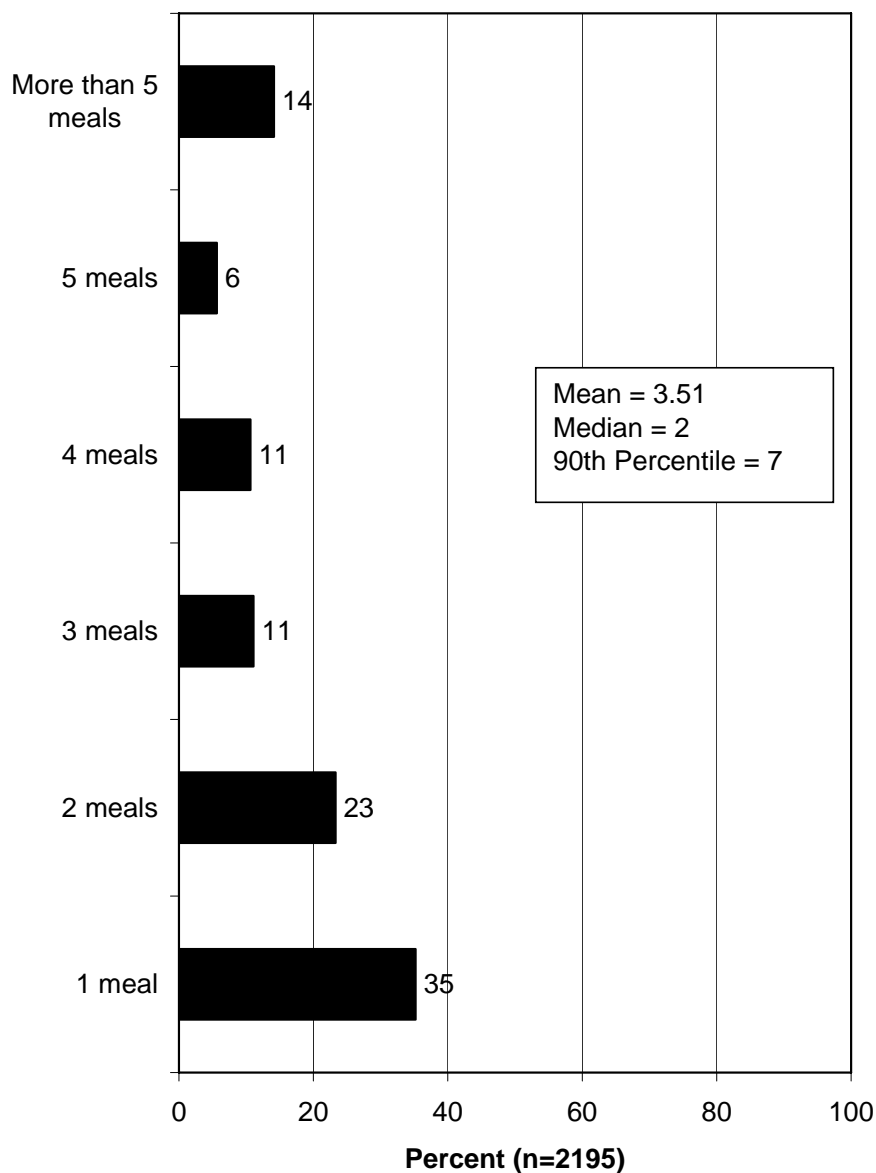


Figure 27. Number of Meals of Ohio River Freshwater Fish Eaten Per Month Among Inner Ribbon Residents Who Have Eaten Freshwater Fish in the Past 12 Months

Q89. How many meals with fish from the Ohio River would you say you typically ate per month in the past 12 months? (Asked of Inner Ribbon residents who have eaten freshwater fish in the past 12 months.)

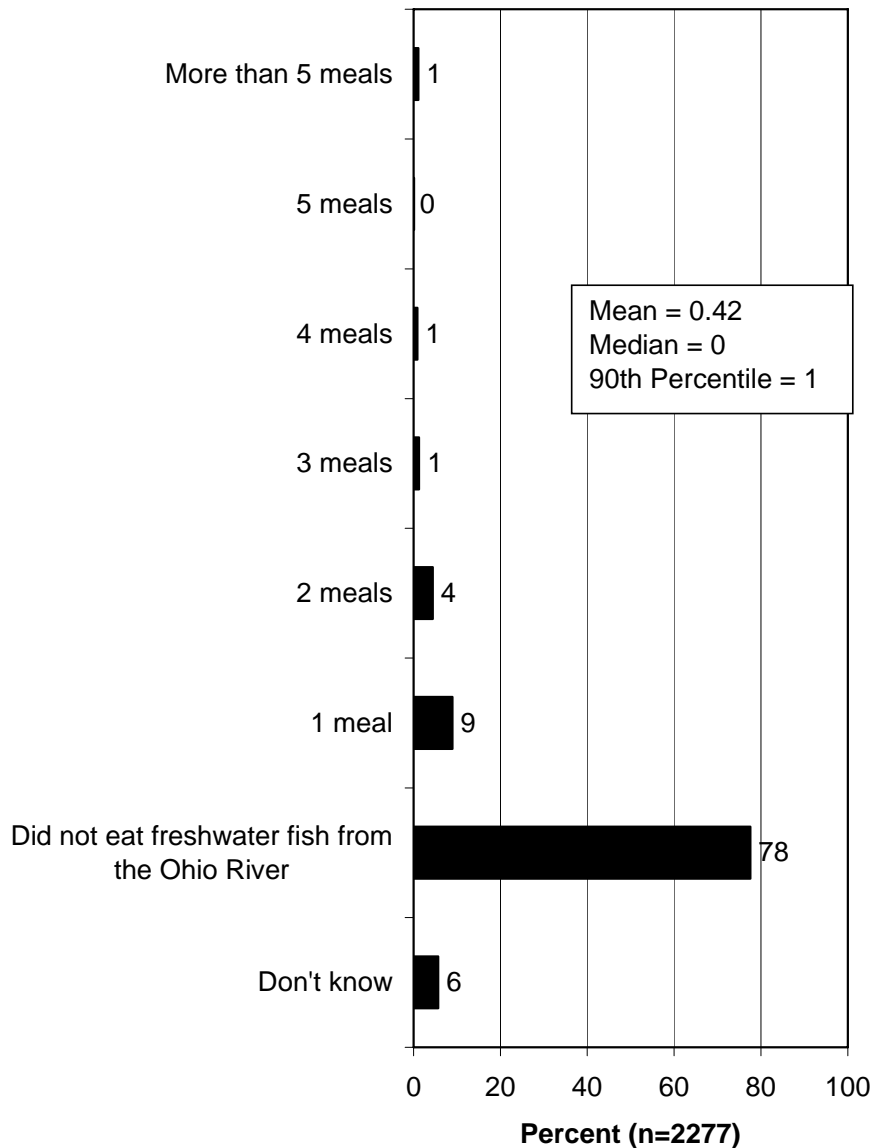


Figure 28. Number of Meals of Ohio River Freshwater Fish Eaten Per Month Among Inner Ribbon Residents Who Have Eaten Freshwater Fish from the Ohio River in the Past 12 Months

Q89. How many meals with fish from the Ohio River would you say you typically ate per month in the past 12 months? (Asked of Inner Ribbon residents who have eaten fish from the Ohio River in the past 12 months.)

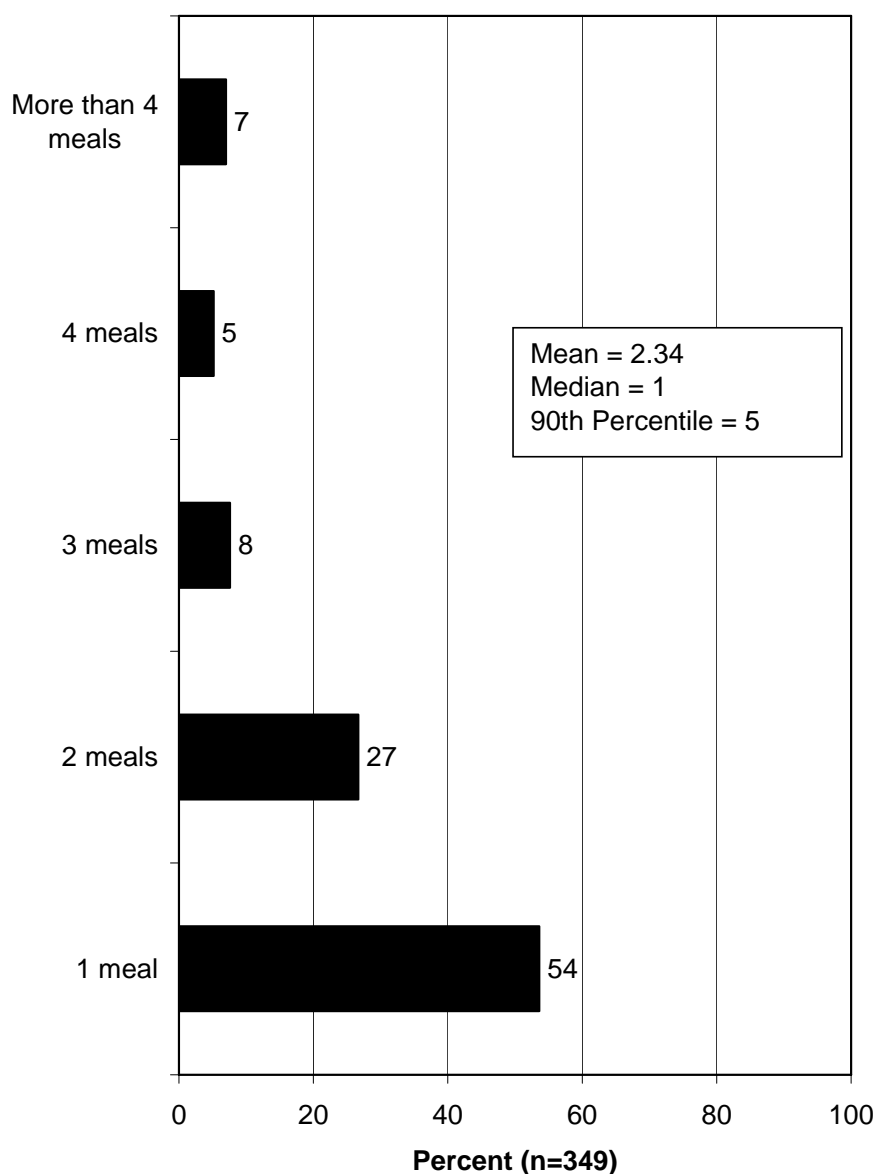
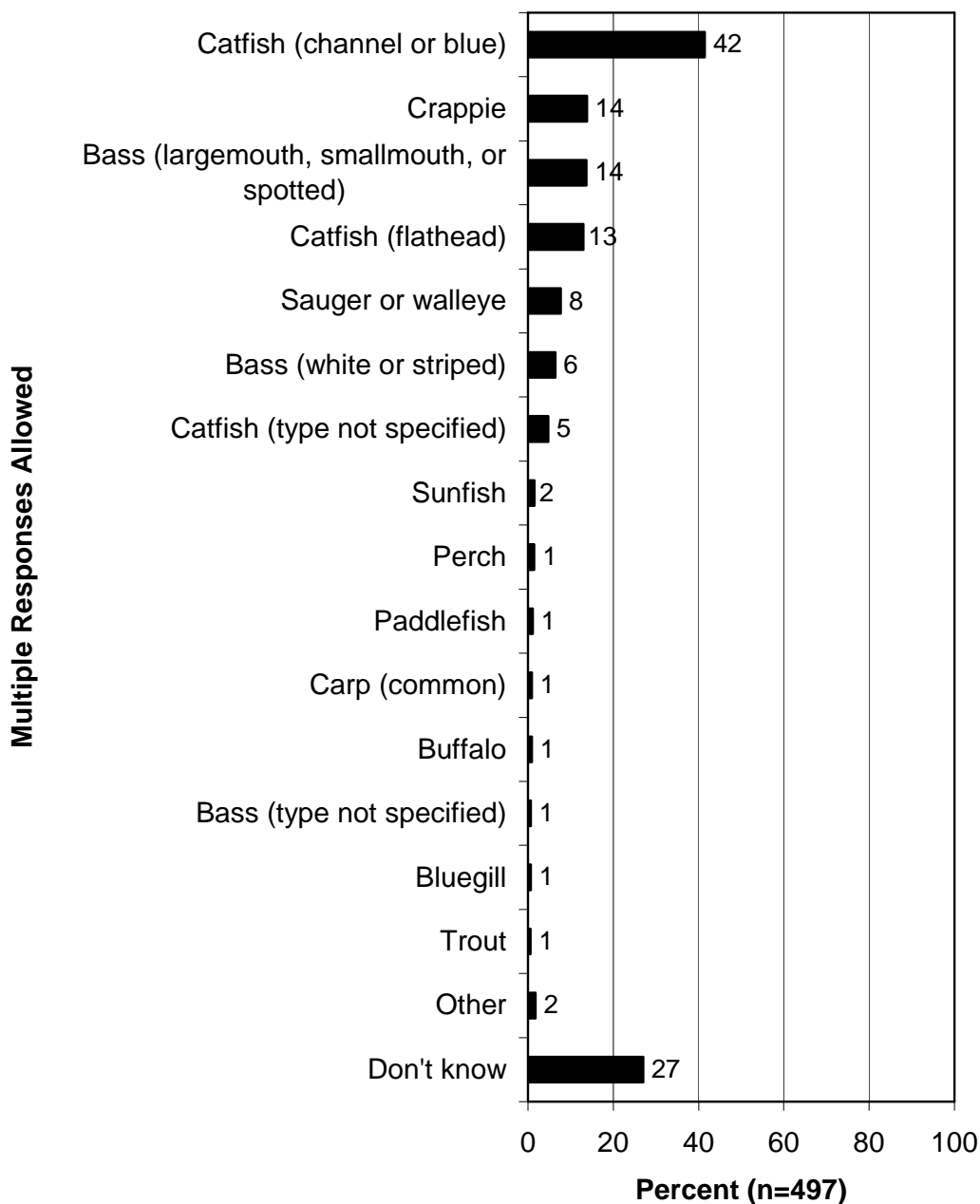


Figure 29. Species of Ohio River Fish Consumed

Q99. Which species or type of fish from the Ohio River did you eat in the past 12 months? (Asked of Inner Ribbon residents who have eaten freshwater fish from the Ohio River in the past 12 months.)



Awareness of Fish Advisories

Figure 30 shows awareness of advisories regarding consuming fish among all Inner Ribbon residents, and Figure 31 shows awareness among those who participated in river-based recreation.

Figure 30. Awareness of Fish Consumption Advisories Among Inner Ribbon Residents

Q101. Are you aware of fish consumption advisories issued for Ohio River fish? (Asked of Inner Ribbon residents.)

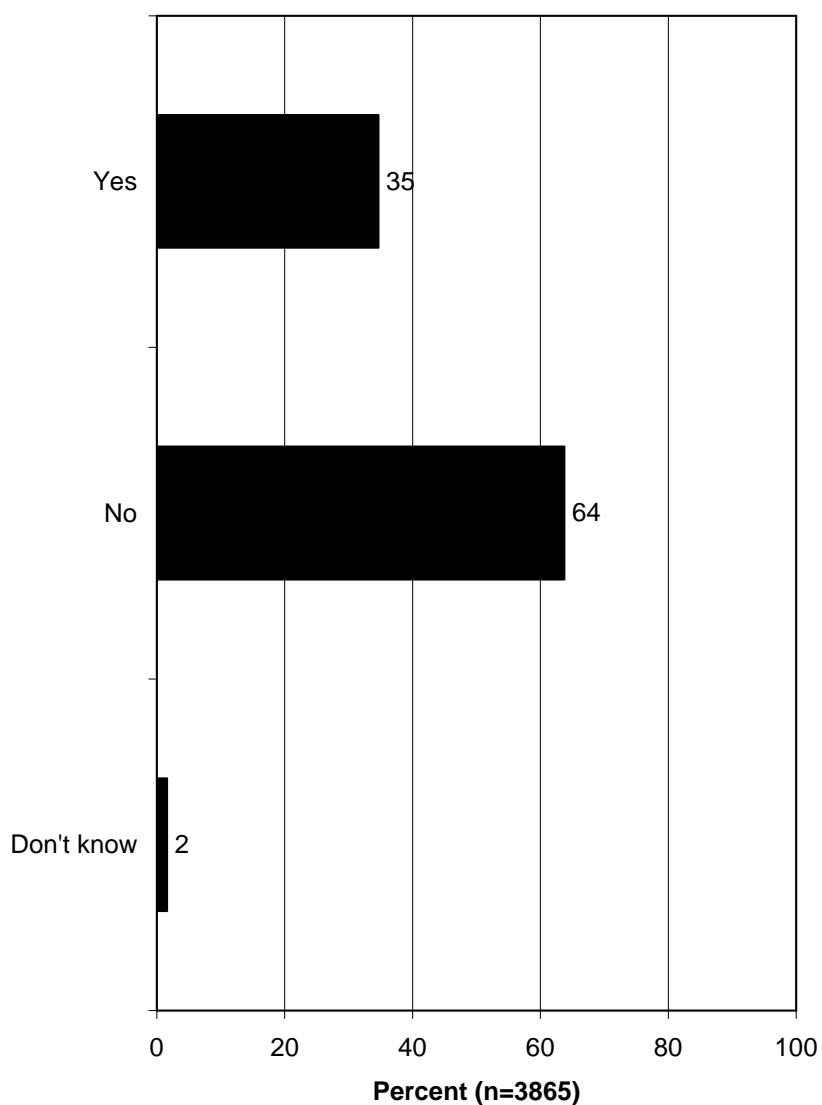
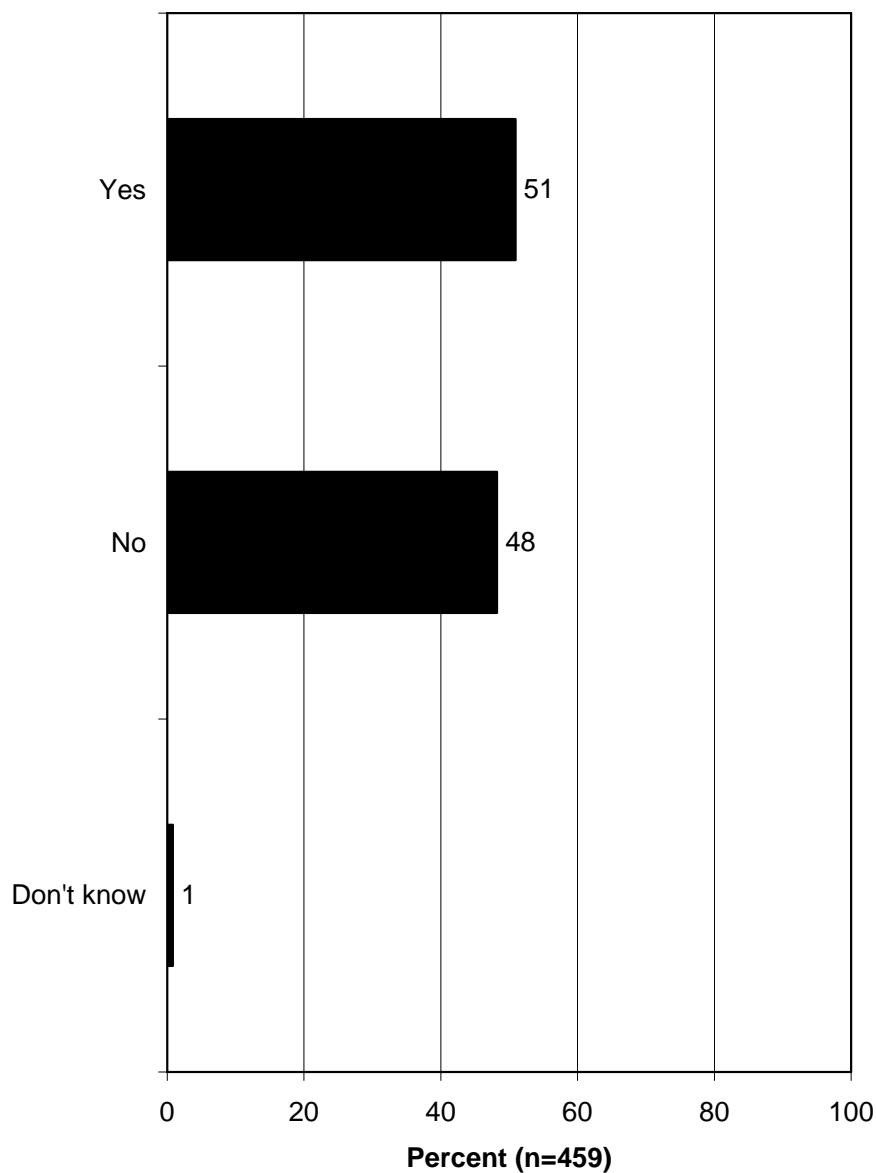


Figure 31. Awareness of Fish Consumption Advisories Among Those Who Participated in Any River-Based Recreation Activities in the Past 12 Months

Q101. Are you aware of fish consumption advisories issued for Ohio River fish? (Asked of those who participated in activities on, in, or along the Ohio River in the past 12 months.)

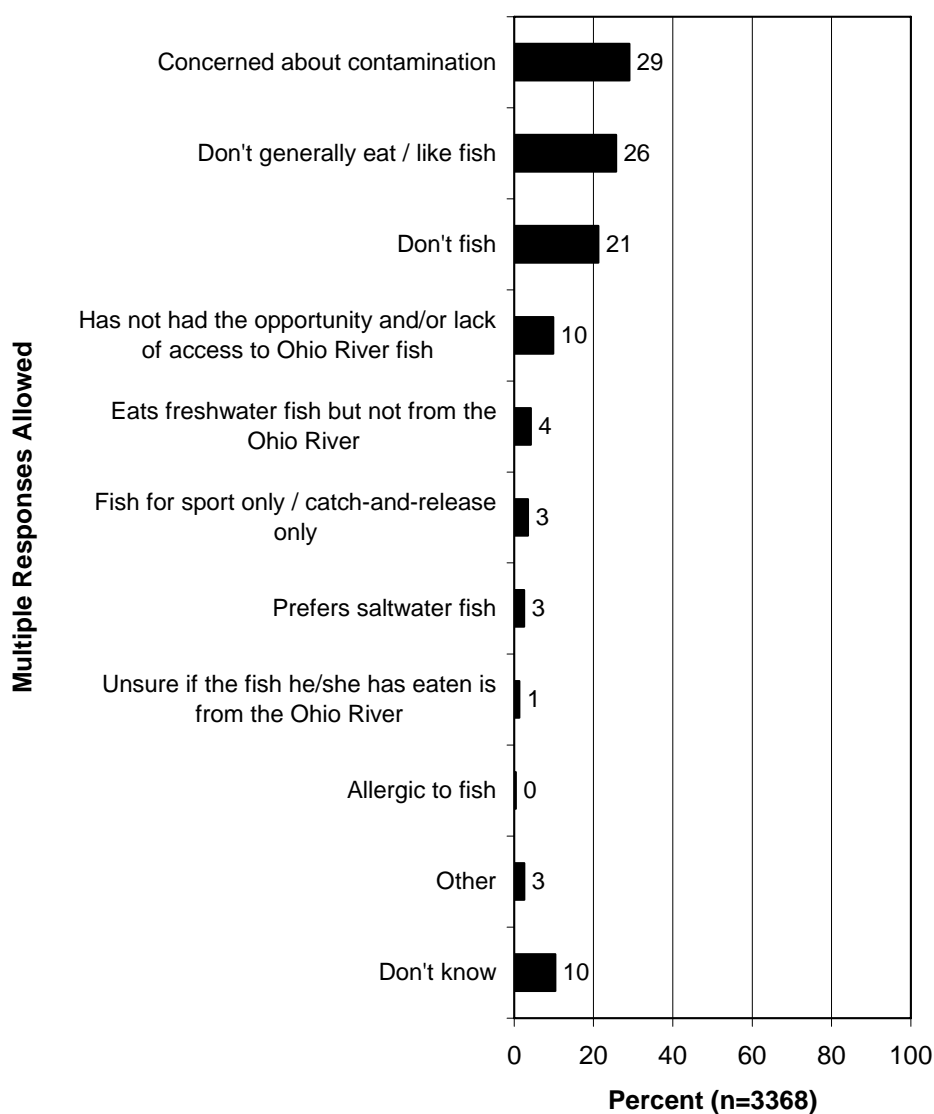


Reasons for Not Eating Fish

Figure 32 shows constraints to consuming fish, among those who did not consume freshwater fish from the Ohio River.

Figure 32. Reasons for Not Eating Ohio River Fish

Q95. Why didn't you typically eat fish from the Ohio River in the past 12 months? (Asked of Inner Ribbon residents who have not eaten freshwater fish from the Ohio River in the past 12 months.)



TRIANGULATION OF THREE STUDY METHODOLOGIES

The intercept and observation data were compared to the telephone survey data as a crosscheck to help assess the utility of the telephone survey data. In general, the data sources agree within acceptable tolerance. A discussion of the similarities and differences in overall results across the three methods used to collect data follows.

Among the findings of the triangulation of the data from all three methods:

- Results of the intercept, observation, and telephone survey data indicate that overall, the Middle River Region was most commonly used for all recreational activities, primary recreational activities, and secondary recreational activities, followed by the Upper River Region and finally the Lower River Region. Participation in all recreation activities overall most commonly occurred between river miles 0 to 50 and 451 to 500 with miles 451 to 500 being the most popular river segment for both primary and secondary activities in general. It may be important to note that the two most popular segments of the river coincide with two urban areas: Pittsburgh, Pennsylvania (miles 0 to 50), and Cincinnati, Ohio (miles 451 to 500).
- There is agreement among the three methods on the most popular activities. Power boating, fishing, and swimming are the most popular activities within the data produced by each study methodology. These activities are followed by operating a personal watercraft, tubing, wading, and waterskiing/wakeboarding as moderately popular activities. Kayaking, canoeing, diving, and sailing are among the least common activities.
- All three methods indicate that waterskiing and wakeboarding occurred most often within the Upper and Middle River Regions.
- All three methods indicate that diving is likely to occur within the Middle or Lower River Region, although no cases were recorded in the field observation data in any region.

- All three methods indicate that operating a personal watercraft is most popular within the Middle River Region, specifically between miles 401 to 550: 45% of personal watercraft participation in the field observations occurred in this river segment, 35% in the telephone survey, and 23% in the field observation data. The Lower Region had the lowest percentage of personal watercraft events in all three data sources, with an average of 16% of the personal watercraft events having occurred in this area.
- All three methods indicate that fishing activity was spread out fairly evenly between the Upper and Middle River Regions, with remaining participation in the Lower River Region.
- All three data sources indicate that power boating occurred most often within in the Middle River Region, followed by the Upper Region with the Lower Region having the fewest events. All three methods also indicate that power boating is most common between mile markers 451 and 500.
- All three data sources indicate that canoeing is more likely to occur within the Middle and Lower River Regions.

Some differences between the results of the intercept survey, field observation data, and telephone survey include:

- Although the telephone and intercept surveys yielded similar results in terms of participation in activities overall along the entire river, results from the field observations recorded higher rates of participation in specific segments of the region than did the telephone and intercept surveys. For example, while the telephone and intercept surveys indicated that less than 2% and 4% (respectively) of the participation in all activities occurred between mile markers 801 and 850, the field data indicated that over 10% of the participation observed occurred along this area of the river. Such differences between the methods appear in various segments of the river for various activities.

- Although miles 451 to 500 represent the most popular segment of participation among activities overall across all three methods, miles 901 to 980 – the area just before the Ohio River feeds into the Mississippi River – was considerably less popular for primary activities among all three methods. However, it appeared to be considerably less popular according to the intercept surveys and field observations: while 6% of telephone survey respondents reported having participated in activities between miles 901 and 980, only 2% participation reported in the intercept surveys and 1% of observations of participation occurred in this river segment.
- While nearly 9% of the secondary contact recreation participation observed in the field study occurred between miles 801 and 850, only 2% of telephone survey participants and 4% of intercept survey participants reported using this river segment for secondary recreation activities.
- Although swimming in the Ohio River most commonly occurred between miles 451 and 600 across each of the three methods, the Middle River Region was the most popular for swimming among telephone survey respondents and in field observations but the intercept survey results indicate that the Lower region was where swimming most commonly occurred.
- The telephone and intercept survey results indicate that participation in tubing on the Ohio River most commonly occurred in the Middle River Region (about 50% of participation in the activity). Although a substantial percentage of tubing events observed in the field occurred in the Middle Region (40%) as well, tubing was most commonly observed in the Upper Region (45%).
- The telephone survey results indicate that the majority of diving events occurred between miles 401 and 500 (63% of those who participated in diving in the Ohio River in the past 12 months did so between miles 401 and 500), while the remaining events took place in different segments of the Lower Region. All of the diving reported in the intercept surveys

occurred within the Lower Region between miles 851 and 900. No diving events were recorded during the field observations.

- The distribution of kayaking participation among the three regions varies across the three methods. The majority of kayaking events reported in the telephone survey occurred in the Upper River Region (73% of survey respondents who participated in kayaking on the Ohio River in the past 12 months reported doing so in this Region); however, the majority of kayaking events reported in the intercept surveys occurred in the Lower Region (66.7%), and the majority of kayaking field observations took place in the Middle Region (53.8%). Furthermore, the intercept survey indicates that no kayaking occurred in the Middle Region, and the telephone survey indicates that only 2% of kayaking occurred in the Lower Region.
- While over half of the wading events reported in the telephone survey and observed in the field occurred in the Middle River Region, only a quarter of the wading events reported in the intercept surveys occurred in this same region.
- Although fishing participation was relatively evenly distributed among the three regions in the intercept survey and field observation results, just 16% of telephone survey participants who had fished in the Ohio River in the past 12 months did so in the Lower River Region compared to 42% each in the Upper and Middle Regions.
- Participation in canoeing on the Ohio River varies across the three methods for this study. Among telephone survey respondents, participation in canoeing most commonly occurred in the Middle River Region (58% of those who canoed on the Ohio River in the past 12 months did so in the Middle Region), with substantially fewer having participated in the Lower (23%) and Upper (20%) Regions. Although the field observations also indicate that canoeing was most popular in the Middle Region, the activity occurred *only* on a small segment of the Middle Region between miles 501 and 555 and did not occur at all in the Lower or Upper Regions. The results of the intercept survey differed greatly, indicating that the majority of participants who canoed on the Ohio River did so in the Lower Region

(67%), followed by the Middle Region (33%). No canoeing events were reported in the Upper Region for the intercept surveys.

- Telephone survey results for sailing participation indicate that the majority of sailing events in the past 12 months occurred in the Middle River Region while only 17% of sailing events observed in the field observations and no sailing events were reported in the intercept surveys in this region.

Table 44.1. All Recreation: Percent of Adult and Child Participants (Combined) Who Participated by River Section

Section of the River (50-Mile Increments)	Phone Survey (Percent)	Intercept Survey (Percent)	Field Observation (Percent)
Mile 0-50	14.0	9.8	5.0
Mile 51-100	2.5	1.2	1.7
Mile 101-150	3.2	6.7	4.6
Mile 151-200	5.0	3.0	7.0
Mile 201-250	2.6	3.0	1.8
Mile 251-300	3.3	0.6	2.4
Mile 301-350	6.0	7.9	5.4
Mile 351-400	5.6	1.8	0.9
Mile 401-450	5.3	5.5	9.6
Mile 451-500	15.1	14.0	12.8
Mile 501-550	2.4	6.7	11.8
Mile 551-600	7.8	3.0	4.7
Mile 601-650	6.5	6.1	4.0
Mile 651-700	2.8	4.3	2.8
Mile 701-750	2.2	2.4	2.8
Mile 751-800	4.7	3.7	4.8
Mile 801-850	1.9	3.7	10.3
Mile 851-900	3.0	7.9	2.8
Mile 901-950	4.7	5.5	3.1
Mile 951-980	1.2	3.0	1.6
Upper Region	34.2	32.3	27.9
Middle Region	47.7	41.5	46.6
Lower Region	18.1	26.2	25.5

**Table 44.2. Primary Recreation: Percent of Adult and Child Participants (Combined)
Who Participated by River Section**

Section of the River (50-Mile Increments)	Phone Survey (Percent)	Intercept Survey (Percent)	Field Observation (Percent)
Mile 0-50	16.2	7.0	5.9
Mile 51-100	0.3	0.0	0.0
Mile 101-150	1.7	12.3	8.2
Mile 151-200	5.7	1.8	7.8
Mile 201-250	1.0	1.8	1.6
Mile 251-300	2.6	1.8	5.9
Mile 301-350	4.8	1.8	6.3
Mile 351-400	3.7	0.0	0.0
Mile 401-450	4.3	5.3	14.8
Mile 451-500	18.0	17.5	7.8
Mile 501-550	3.8	10.5	18.8
Mile 551-600	8.2	3.5	2.3
Mile 601-650	5.9	1.8	0.4
Mile 651-700	5.1	3.5	3.1
Mile 701-750	2.9	3.5	0.4
Mile 751-800	5.6	5.3	5.1
Mile 801-850	2.3	3.5	7.4
Mile 851-900	2.8	17.5	3.1
Mile 901-950	4.1	0.0	1.2
Mile 951-980	1.0	1.8	0.0
Upper Region	29.8	26.3	35.5
Middle Region	51.6	42.1	47.3
Lower Region	18.6	31.6	17.2

**Table 44.3. Secondary Recreation: Percent of Adult and Child Participants (Combined)
Who Participated by River Section**

Section of the River (50-Mile Increments)	Phone Survey (Percent)	Intercept Survey (Percent)	Field Observation (Percent)
Mile 0-50	12.9	9.9	4.5
Mile 51-100	3.6	1.3	2.1
Mile 101-150	4.0	7.2	4.3
Mile 151-200	4.6	2.6	7.5
Mile 201-250	3.4	2.6	1.3
Mile 251-300	3.7	0.0	2.1
Mile 301-350	6.6	8.6	5.4
Mile 351-400	6.6	2.0	1.1
Mile 401-450	5.7	5.9	9.8
Mile 451-500	13.7	15.1	15.5
Mile 501-550	1.7	6.6	12.5
Mile 551-600	7.5	2.6	4.4
Mile 601-650	6.9	6.6	3.7
Mile 651-700	1.7	3.3	2.7
Mile 701-750	1.9	2.6	2.1
Mile 751-800	4.3	3.3	5.2
Mile 801-850	1.7	3.9	9.7
Mile 851-900	3.1	6.6	2.4
Mile 901-950	5.1	5.9	2.5
Mile 951-980	1.3	3.3	1.2
Upper Region	36.4	32.2	27.2
Middle Region	45.8	42.1	49.7
Lower Region	17.9	25.7	23.1

Table 45. Swimming: Percent of Adult and Child Participants (Combined) Who Participated by River Section

Swimming			
Section of the River (50-Mile Increments)	Phone Survey (Percent)	Intercept Survey (Percent)	Field Observation (Percent)
Mile 0-50	7.9	5.0	0.9
Mile 51-100	0.4	0.0	0.0
Mile 101-150	1.0	15.0	9.3
Mile 151-200	6.3	0.0	0.0
Mile 201-250	0.5	0.0	0.0
Mile 251-300	0.6	2.5	13.0
Mile 301-350	5.9	2.5	8.3
Mile 351-400	6.5	0.0	0.0
Mile 401-450	3.9	5.0	5.6
Mile 451-500	12.5	12.5	4.6
Mile 501-550	4.6	15.0	25.9
Mile 551-600	14.8	0.0	3.7
Mile 601-650	4.1	2.5	5.6
Mile 651-700	5.6	0.0	1.9
Mile 701-750	7.2	5.0	0.0
Mile 751-800	7.2	5.0	2.8
Mile 801-850	2.9	5.0	9.3
Mile 851-900	4.0	22.5	9.3
Mile 901-950	3.3	0.0	0.0
Mile 951-980	0.9	2.5	0.0
Upper Region	18.6	25.0	31.5
Middle Region	56.1	35.0	47.2
Lower Region	25.3	40.0	21.3

Table 46. Waterskiing / Wakeboarding: Percent of Adult and Child Participants (Combined) Who Participated by River Section

Waterskiing / Wakeboarding			
Section of the River (50-Mile Increments)	Phone Survey (Percent)	Intercept Survey (Percent)	Field Observation (Percent)
Mile 0-50	22.3	13.3	9.7
Mile 51-100	0.0	0.0	0.0
Mile 101-150	2.4	26.7	3.2
Mile 151-200	5.9	0.0	16.1
Mile 201-250	0.0	0.0	0.0
Mile 251-300	4.5	0.0	6.5
Mile 301-350	1.6	0.0	6.5
Mile 351-400	1.6	0.0	0.0
Mile 401-450	0.6	6.7	3.2
Mile 451-500	22.2	26.7	3.2
Mile 501-550	0.0	0.0	22.6
Mile 551-600	4.7	6.7	3.2
Mile 601-650	6.6	0.0	0.0
Mile 651-700	8.6	0.0	6.5
Mile 701-750	0.6	0.0	0.0
Mile 751-800	5.9	0.0	3.2
Mile 801-850	2.2	6.7	16.1
Mile 851-900	5.1	13.3	0.0
Mile 901-950	5.2	0.0	0.0
Mile 951-980	0.0	0.0	0.0
Upper Region	35.0	40.0	41.9
Middle Region	45.7	40.0	38.7
Lower Region	19.3	20.0	19.4

Table 47. Tubing: Percent of Adult and Child Participants (Combined) Who Participated by River Section

Tubing			
Section of the River (50-Mile Increments)	Phone Survey (Percent)	Intercept Survey (Percent)	Field Observation (Percent)
Mile 0-50	17.3	0.0	0.0
Mile 51-100	0.8	0.0	0.0
Mile 101-150	3.8	25.0	10.8
Mile 151-200	3.4	0.0	19.6
Mile 201-250	2.7	0.0	0.0
Mile 251-300	7.6	0.0	5.9
Mile 301-350	3.2	0.0	8.8
Mile 351-400	2.0	0.0	0.0
Mile 401-450	6.0	6.3	11.8
Mile 451-500	14.3	25.0	8.8
Mile 501-550	7.4	18.8	19.6
Mile 551-600	8.0	0.0	0.0
Mile 601-650	6.1	0.0	0.0
Mile 651-700	5.4	0.0	0.0
Mile 701-750	0.0	0	1.0
Mile 751-800	8.5	0	2.0
Mile 801-850	1.1	6.3	11.8
Mile 851-900	0.7	12.5	0.0
Mile 901-950	1.6	0.0	0.0
Mile 951-980	0.0	6.3	0.0
Upper Region	36.8	25.0	45.1
Middle Region	51.3	50.0	40.2
Lower Region	11.9	25.0	14.7

Table 48. Diving: Percent of Adult and Child Participants (Combined) Who Participated by River Section

Diving			
Section of the River (50-Mile Increments)	Phone Survey (Percent)	Intercept Survey (Percent)	Field Observation (Percent)
Mile 0-50	0.0	0.0	0.0
Mile 51-100	0.0	0.0	0.0
Mile 101-150	0.0	0.0	0.0
Mile 151-200	0.0	0.0	0.0
Mile 201-250	0.0	0.0	0.0
Mile 251-300	0.9	0.0	0.0
Mile 301-350	0.0	0.0	0.0
Mile 351-400	0.0	0.0	0.0
Mile 401-450	22.6	0.0	0.0
Mile 451-500	40.9	0.0	0.0
Mile 501-550	0.0	0.0	0.0
Mile 551-600	0.0	0.0	0.0
Mile 601-650	0.0	0.0	0.0
Mile 651-700	0.0	0.0	0.0
Mile 701-750	0.0	0.0	0.0
Mile 751-800	9.0	0.0	0.0
Mile 801-850	0.0	0.0	0.0
Mile 851-900	1.2	100.0	0.0
Mile 901-950	3.4	0.0	0.0
Mile 951-980	22.2	0.0	0.0
Upper Region	0.9	0.0	0.0
Middle Region	63.4	0.0	0.0
Lower Region	35.7	100.0	0.0

Table 49. Operating a Personal Watercraft: Percent of Adult and Child Participants (Combined) Who Participated by River Section

Operating a Personal Watercraft			
Section of the River (50-Mile Increments)	Phone Survey (Percent)	Intercept Survey (Percent)	Field Observation (Percent)
Mile 0-50	6.9	15.4	5.3
Mile 51-100	0.0	0.0	0.0
Mile 101-150	1.3	7.7	7.9
Mile 151-200	10.0	7.7	7.5
Mile 201-250	1.8	7.7	2.2
Mile 251-300	0.1	0.0	3.5
Mile 301-350	7.9	0.0	6.1
Mile 351-400	2.8	0.0	0.0
Mile 401-450	5.0	15.4	17.1
Mile 451-500	24.5	0.0	13.2
Mile 501-550	5.5	7.7	14.9
Mile 551-600	5.4	7.7	2.6
Mile 601-650	11.3	0.0	0.0
Mile 651-700	2.4	15.4	2.6
Mile 701-750	1.7	0.0	0.0
Mile 751-800	0.4	7.7	6.6
Mile 801-850	3.6	0.0	4.4
Mile 851-900	0.9	7.7	3.5
Mile 901-950	8.4	0.0	2.6
Mile 951-980	0.0	0.0	0.0
Upper Region	26.0	38.5	32.5
Middle Region	59.0	46.2	50.4
Lower Region	15.0	15.4	17.1

Table 50. Kayaking: Percent of Adult and Child Participants (Combined) Who Participated by River Section

Kayaking			
Section of the River (50-Mile Increments)	Phone Survey (Percent)	Intercept Survey (Percent)	Field Observation (Percent)
Mile 0-50	67.1	0.0	7.7
Mile 51-100	0.0	0.0	0.0
Mile 101-150	0.0	0.0	0.0
Mile 151-200	0.0	0.0	0.0
Mile 201-250	0.0	0.0	0.0
Mile 251-300	0.0	33.3	23.1
Mile 301-350	8.0	0.0	0.0
Mile 351-400	5.5	0.0	0.0
Mile 401-450	4.4	0.0	7.7
Mile 451-500	12.5	0.0	0.0
Mile 501-550	0.0	0.0	15.4
Mile 551-600	0.0	0.0	15.4
Mile 601-650	0.0	0.0	0.0
Mile 651-700	0.0	0.0	15.4
Mile 701-750	1.2	0.0	0.0
Mile 751-800	1.2	0.0	0.0
Mile 801-850	0.0	0.0	0.0
Mile 851-900	0.0	66.7	15.4
Mile 901-950	0.0	0.0	0.0
Mile 951-980	0.0	0.0	0.0
Upper Region	72.9	33.3	30.8
Middle Region	24.6	0.0	53.8
Lower Region	2.4	66.7	15.4

Table 51. Wading: Percent of Adult and Child Participants (Combined) Who Participated by River Section

Wading			
Section of the River (50-Mile Increments)	Phone Survey (Percent)	Intercept Survey (Percent)	Field Observation (Percent)
Mile 0-50	9.3	25.0	11.8
Mile 51-100	0.7	0.0	0
Mile 101-150	6.2	0.0	0
Mile 151-200	1.5	0.0	13.7
Mile 201-250	0.0	0.0	0
Mile 251-300	4.1	0.0	4.9
Mile 301-350	3.6	12.5	3.9
Mile 351-400	17.9	0.0	0
Mile 401-450	4.6	0.0	7.8
Mile 451-500	9.7	6.3	1.0
Mile 501-550	1.6	6.3	24.5
Mile 551-600	15.2	0.0	3.9
Mile 601-650	5.1	12.5	9.8
Mile 651-700	1.4	0.0	5.9
Mile 701-750	1.4	0.0	0.0
Mile 751-800	5.8	6.3	2.0
Mile 801-850	1.7	0.0	5.9
Mile 851-900	2.6	31.3	2.9
Mile 901-950	6.0	0.0	0.0
Mile 951-980	1.5	0.0	2.0
Upper Region	23.7	37.5	34.3
Middle Region	56.5	25.0	52.9
Lower Region	19.8	37.5	12.7

Table 52. Fishing: Percent of Adult and Child Participants (Combined) Who Participated by River Section

Fishing			
Section of the River (50-Mile Increments)	Phone Survey (Percent)	Intercept Survey (Percent)	Field Observation (Percent)
Mile 0-50	12.0	5.8	6.3
Mile 51-100	4.3	1.4	7.2
Mile 101-150	5.4	5.8	1.9
Mile 151-200	5.3	2.9	14.8
Mile 201-250	5.0	5.8	2.8
Mile 251-300	4.8	0.0	3.1
Mile 301-350	8.5	11.6	8.5
Mile 351-400	6.0	4.3	1.6
Mile 401-450	6.3	4.3	3.8
Mile 451-500	7.5	2.9	9.4
Mile 501-550	2.4	7.2	7.2
Mile 551-600	6.7	2.9	4.7
Mile 601-650	9.0	8.7	6.9
Mile 651-700	1.4	4.3	1.6
Mile 701-750	2.8	5.8	3.5
Mile 751-800	2.2	0.0	0.6
Mile 801-850	1.5	2.9	9.7
Mile 851-900	2.4	5.8	1.6
Mile 901-950	5.1	13.0	2.8
Mile 951-980	1.3	4.3	1.9
Upper Region	42.3	33.3	44.7
Middle Region	41.9	34.8	35.2
Lower Region	15.8	31.9	20.1

Table 53. Power Boating: Percent of Adult and Child Participants (Combined) Who Participated by River Section

Power Boating			
Section of the River (50-Mile Increments)	Phone Survey (Percent)	Intercept Survey (Percent)	Field Observation (Percent)
Mile 0-50	16.5	8.0	3.5
Mile 51-100	2.7	2.0	1.5
Mile 101-150	1.7	9.0	5.5
Mile 151-200	3.7	4.0	7.6
Mile 201-250	2.6	3.0	0.7
Mile 251-300	2.3	0.0	1.8
Mile 301-350	5.6	8.0	5.1
Mile 351-400	3.6	2.0	0.5
Mile 401-450	6.0	8.0	14.6
Mile 451-500	20.1	23.0	15.5
Mile 501-550	0.9	6.0	12.7
Mile 551-600	6.6	3.0	3.2
Mile 601-650	5.2	4.0	2.3
Mile 651-700	2.3	4.0	3.0
Mile 701-750	0.4	1.0	1.4
Mile 751-800	6.6	2.0	6.2
Mile 801-850	2.2	3.0	10.4
Mile 851-900	4.7	4.0	1.9
Mile 901-950	4.8	2.0	2.2
Mile 951-980	1.4	4.0	0.5
Upper Region	33.1	34.0	25.6
Middle Region	46.4	50.0	51.8
Lower Region	20.5	16.0	22.6

Table 54. Canoeing: Percent of Adult and Child Participants (Combined) Who Participated by River Section

Canoeing			
Section of the River (50-Mile Increments)	Phone Survey (Percent)	Intercept Survey (Percent)	Field Observation (Percent)
Mile 0-50	16.8	0.0	0.0
Mile 51-100	0.0	0.0	0.0
Mile 101-150	2.5	0.0	0.0
Mile 151-200	0.0	0.0	0.0
Mile 201-250	0.0	0.0	0.0
Mile 251-300	0.0	0.0	0.0
Mile 301-350	0.0	0.0	0.0
Mile 351-400	9.3	0.0	0.0
Mile 401-450	0.0	0.0	0.0
Mile 451-500	48.7	0.0	0.0
Mile 501-550	0.0	0.0	100.0
Mile 551-600	0.0	0.0	0.0
Mile 601-650	0.0	0.0	0.0
Mile 651-700	0.0	33.3	0.0
Mile 701-750	5.4	0.0	0.0
Mile 751-800	7.3	0.0	0.0
Mile 801-850	0.0	33.3	0.0
Mile 851-900	0.0	33.3	0.0
Mile 901-950	10.0	0.0	0.0
Mile 951-980	0.0	0.0	0.0
Upper Region	19.3	0.0	0.0
Middle Region	58.0	33.3	100.0
Lower Region	22.7	66.7	0.0

Table 55. Sailing: Percent of Adult and Child Participants (Combined) Who Participated by River Section

Sailing			
Section of the River (50-Mile Increments)	Phone Survey (Percent)	Intercept Survey (Percent)	Field Observation (Percent)
Mile 0-50	0.0	0.0	0.0
Mile 51-100	0.0	0.0	0.0
Mile 101-150	0.0	0.0	0.0
Mile 151-200	0.0	0.0	0.0
Mile 201-250	0.0	0.0	0.0
Mile 251-300	0.0	0.0	0.0
Mile 301-350	0.0	0.0	0.0
Mile 351-400	0.0	0.0	0.0
Mile 401-450	0.0	0.0	0.0
Mile 451-500	54.2	0.0	0.0
Mile 501-550	0.0	0.0	16.7
Mile 551-600	33.3	0.0	0.0
Mile 601-650	0.0	0.0	0.0
Mile 651-700	0.0	0.0	0.0
Mile 701-750	0.0	0.0	0.0
Mile 751-800	12.4	100.0	33.3
Mile 801-850	0.0	0.0	50.0
Mile 851-900	0.0	0.0	0.0
Mile 901-950	0.0	0.0	0.0
Mile 951-980	0.0	0.0	0.0
Upper Region	0.0	0.0	0.0
Middle Region	87.6	0.0	16.7
Lower Region	12.4	100.00	83.3

The graphs on the following pages (Figures 33 – 45) were considered in the overall study findings and show results for comparable data among the three methods of data collection (i.e., telephone survey, intercept survey, and field observations) where feasible. (Note that individual presentations of data from the intercept surveys and field observations are found in the subsequent sections of this report titled, “Intercept Survey Results” and “Field Observation Results.”)

The telephone survey data shown in this section includes only the data collected from those who participated in activities on or in the Ohio River in the past 12 months, including questions about factors that may or may not have influenced respondents to participate less in activities on or in the Ohio River. Using telephone survey data only for those who participated in activities makes it more comparable to the data collected in the intercept surveys and field observations as those data were only among individuals who were participating in activities on or in the Ohio River at the time of the intercept or observation.

A summary of the comparison of results follows.

- The graphs show that the field observations and intercept surveys were well-distributed along the river.
- Fishing and/or power boating predominated among activities observed and in the intercepts, although swimming, wading, tubing, waterskiing/wakeboarding, and operating a personal watercraft were also fairly common.
- The intercept survey results are shown next to the telephone survey results on the question about self-reported trends in participation. The question asked respondents to compare their current level of activity with their level 5 years previous, and 42% of intercept respondents said that their level of activity had increased over the past 5 years, while 18% said it had decreased. Intercept survey participants were more avid on this question than were telephone participants, which was expected on this question because intercept respondents were being asked about their level on a day in which they were doing an activity. In contrast, the

telephone survey asked people about their level of activity on a day in which they may *not* have participated in an activity. The intercept survey, therefore, had a greater chance of catching a participant on the very day that they increased their level of participation.

- The series of questions in the telephone survey about possible factors that influenced respondents to participate in river activities less than they would otherwise have wanted was asked of intercept respondents. For nearly all reasons, a lower percentage of intercept respondents indicated it as being a factor limiting participation. This was particularly true for the constraints of cold temperatures, pollution other than bacteria, high or unsafe levels of bacteria, fuel costs, equipment costs, low water level, poor recreational activities, and fish advisories. Again, a bias would be introduced in the intercept surveys, as many of these conditions would be selected against on the day of the intercepts (i.e., the particular potential constraint did *not* keep the respondent away from the river that day). Nonetheless, the ranking of factors among intercept respondents tends to mirror the telephone survey.
- Results between the intercept survey and the telephone survey match almost exactly on the fish consumption question, with just less than a third of each group saying that they have eaten Ohio River fish in the past 12 months.
- Awareness of fish consumption advisories is just slightly higher among the intercept survey respondents compared to telephone survey respondents: 59% on the intercept survey indicated being aware of fish advisories on the Ohio River, while 51% were aware of them in the telephone survey.
- Among those who had participated in a river-based activity, the intercept survey respondents tended to be older than the telephone survey respondents. Additionally, a greater proportion of intercept survey respondents were male, when compared to the telephone survey.

Figure 33. Location of Field Observations and Intercept Surveys—Comparisons

Q6. In what 50-mile segment of the Ohio River did the observation occur? (Field Observation) / Q8. In what 50-mile segment did the respondent access the Ohio River? (Intercept Survey)

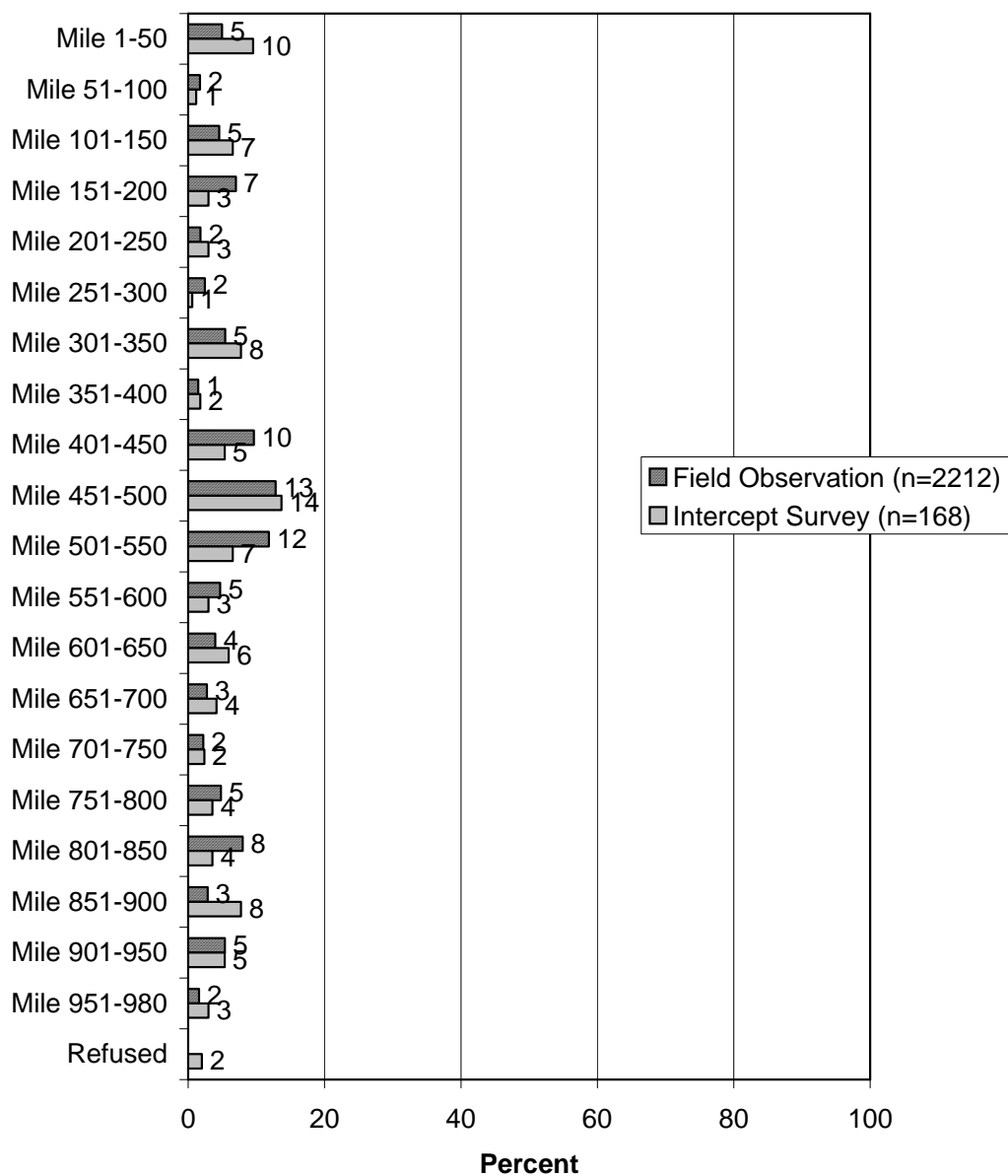


Figure 34. Region of Field Observations and Intercept Surveys—Comparisons

Q7. In what region of the Ohio River did the observation occur? (Field Observation) / Q8. In which region did respondent access the Ohio River? (Intercept Survey)

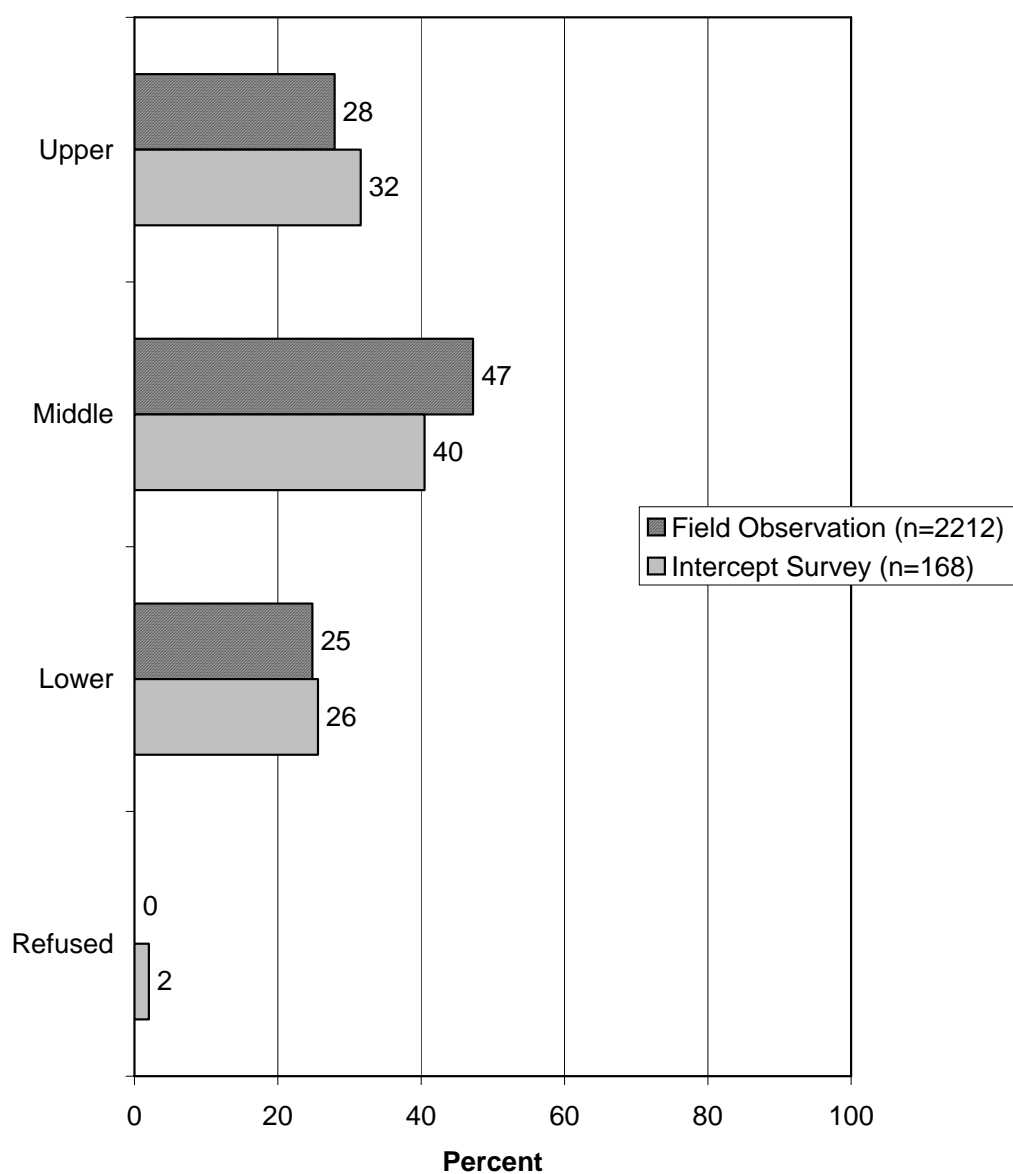


Figure 35. Types of Activities in Which Respondents Participated—Comparisons

Q23. What type of activity occurred on the river during the observation? (Among recreational observations - Field Observation) / Q11. Did/Will you personally participate in any of the following activities on or in the Ohio River today? (Intercept Survey) / Q19. Did you personally, participate in any of the following activities on or in the Ohio River in the past 12 months? (Asked of individuals who have participated in any activities on or in the Ohio River in the past 12 months - Phone Survey)

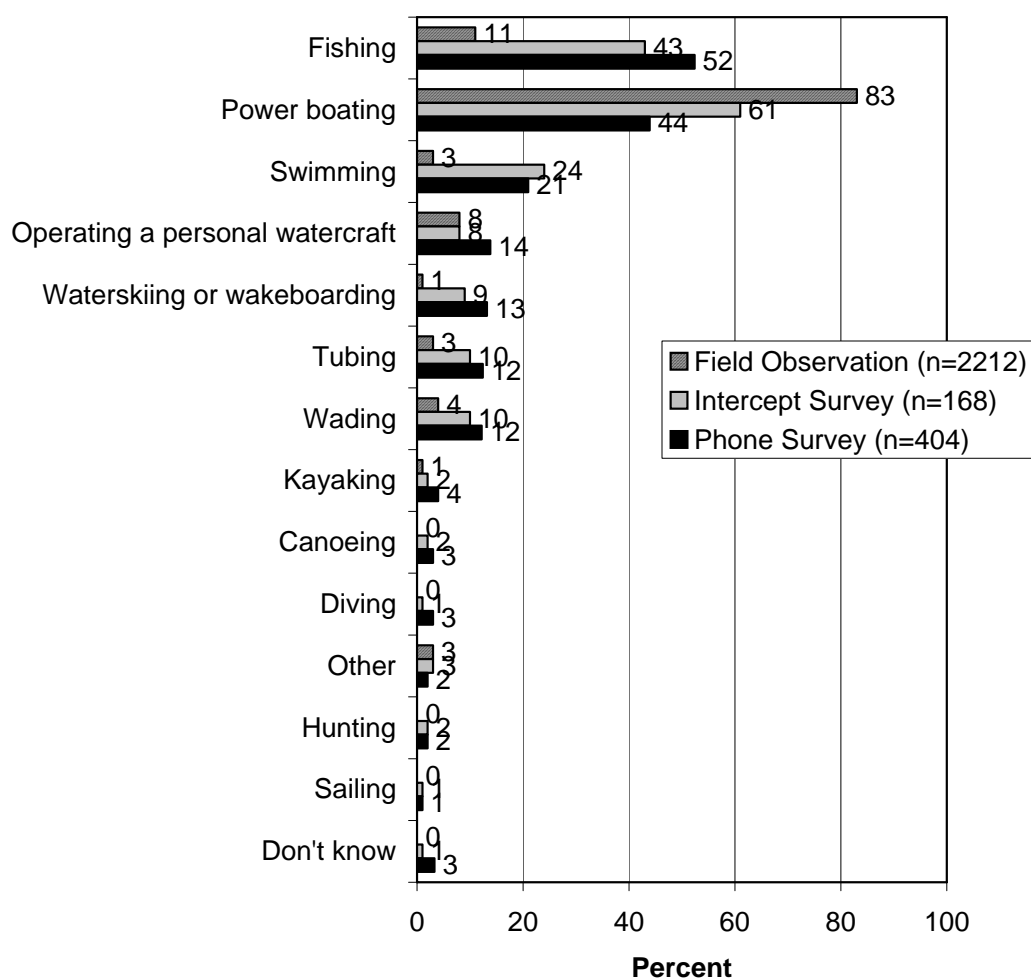


Figure 36. Self-Reported Trends in Participation—Comparisons

Q25/Q22. In comparison to your participation in the previous 5 years, would you say your participation in activities on or in the Ohio River has increased, stayed about the same, or decreased in the past 12 months? (Intercept Survey) (Asked of individuals who participated in CONTACT activities on or in the Ohio River in the past 12 months - Phone Survey)

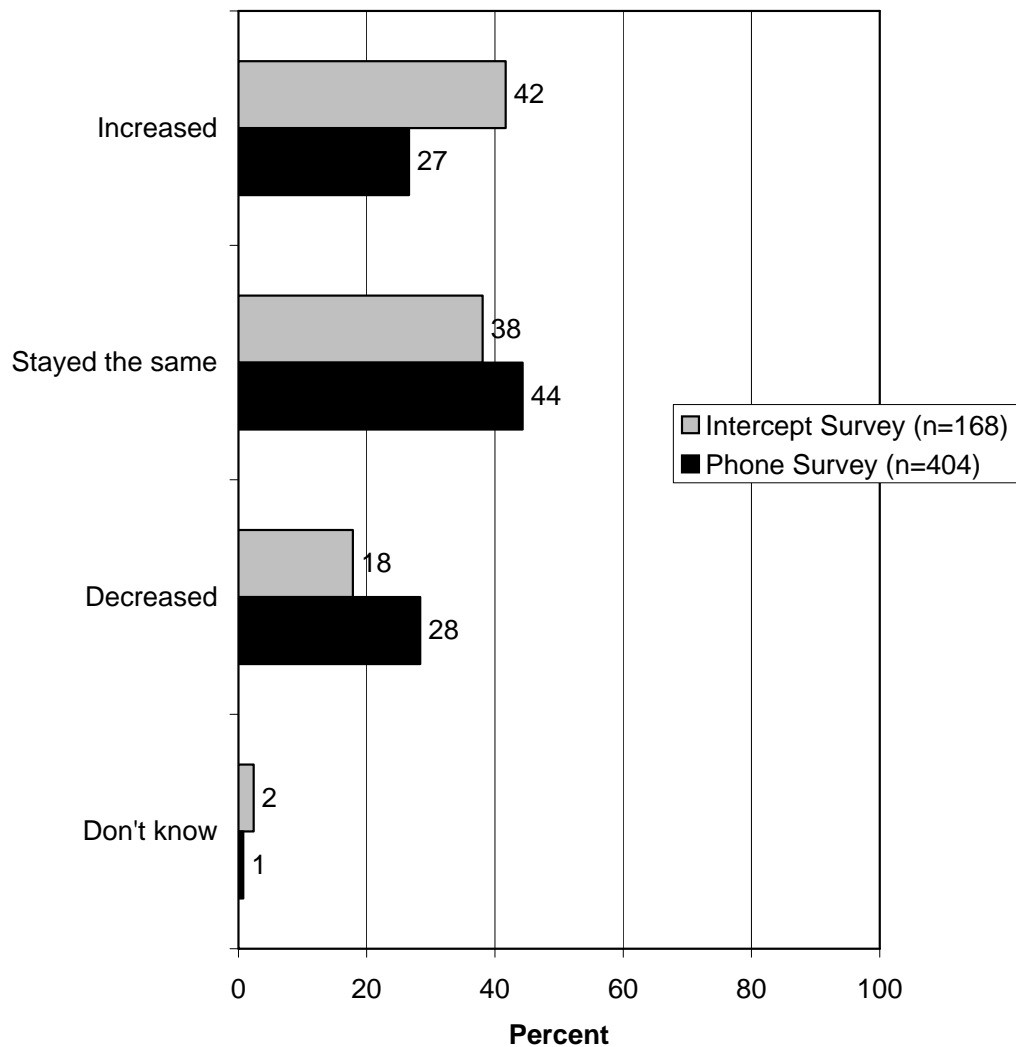


Figure 37. Factors That Strongly Influenced Respondent To Participate Less—Comparisons

**Q26-41/29-44. Percent who indicated that the following factors strongly influenced his/her decision to participate less than he/she otherwise would have in activities on or in the Ohio River in the past 12 months. (Intercept Survey)
(Asked of individuals who participated in activities on or in the Ohio River in the past 12 months - Phone Survey)**

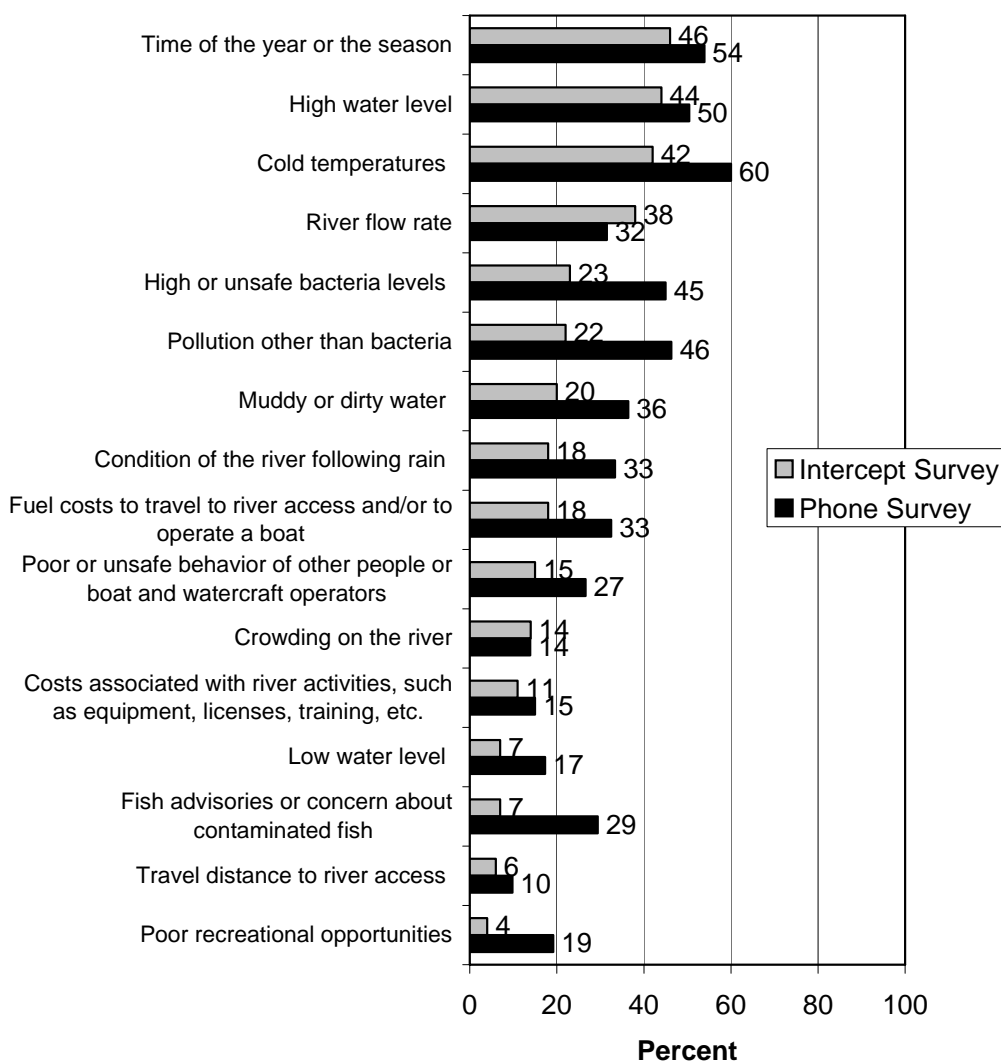


Figure 38. Factors That Influenced Respondent To Participate Less—Comparisons

Q26-41/29-44. Percent who indicated that the following factors strongly or moderately influenced his/her decision to participate less than he/she otherwise would have in activities on or in the Ohio River in the past 12 months (Intercept Survey) (Asked of individuals who participated in activities on or in the Ohio River in the past 12 months - Phone Survey)

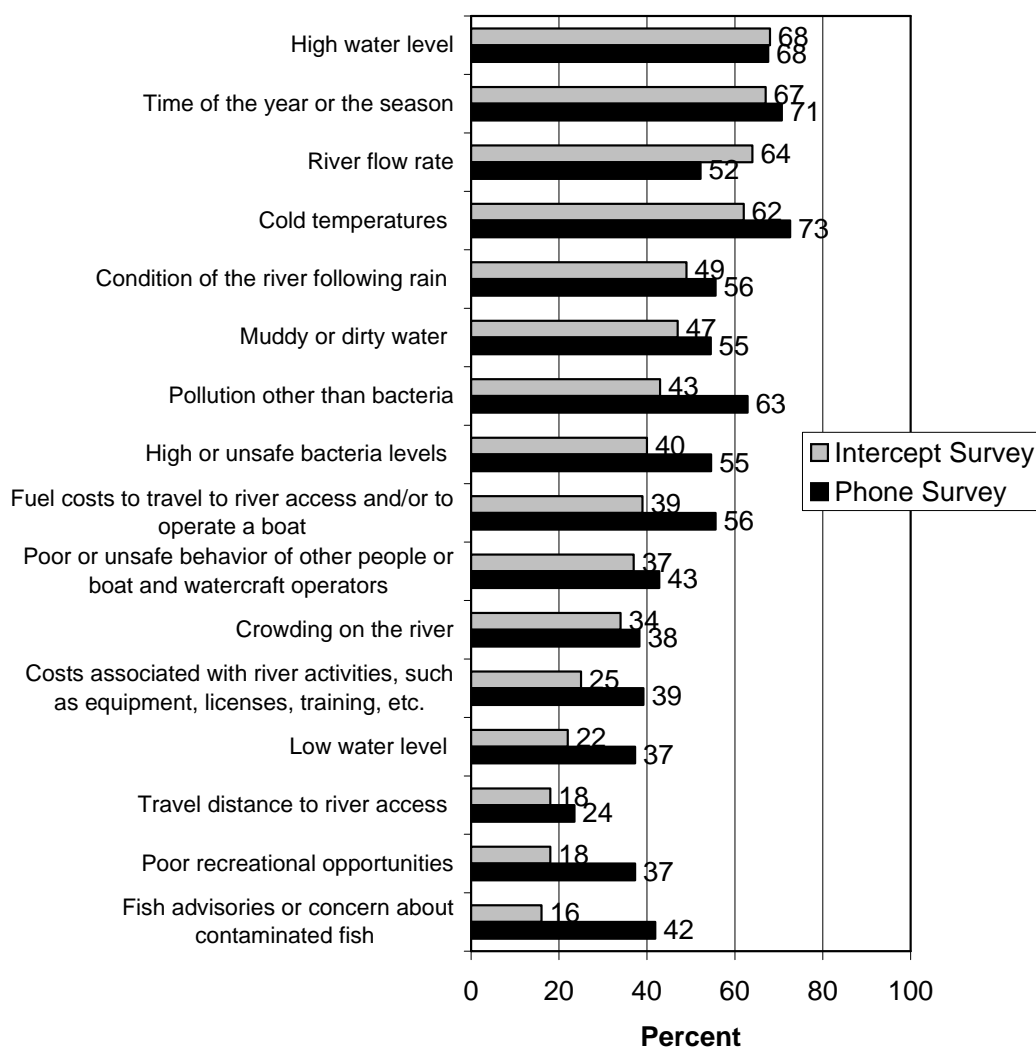


Figure 39. Factors That Did Not Influence Respondent To Participate Less—Comparisons

Q26-41/29-44. Percent who indicated that the following factors did not influence his/her decision to participate less than he/she otherwise would have in activities on or in the Ohio River in the past 12 months. (Intercept Survey) (Asked of individuals who participated in activities on or in the Ohio River in the past 12 months - Phone Survey)

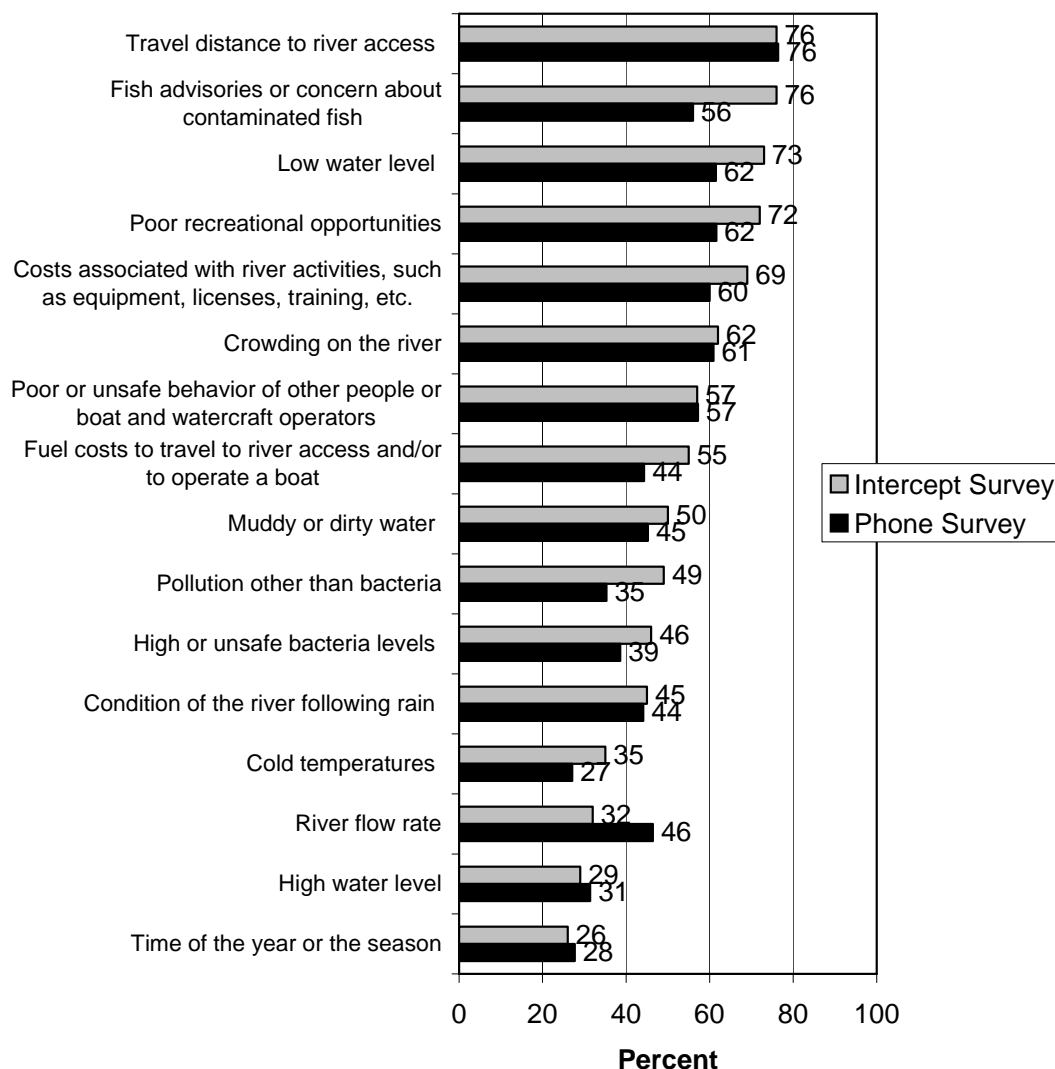


Figure 40. Consumption of Fish from the Ohio River—Comparisons

Q42. Have you eaten fish from the Ohio River in the past 12 months? (Intercept Survey) / Q89. How many meals with fish from the Ohio River would you say you typically ate per month in the past 12 months? (Asked of individuals who have eaten freshwater fish in the past 12 months and who have participated in activities on or in the Ohio River in the past 12 months - Phone Survey)

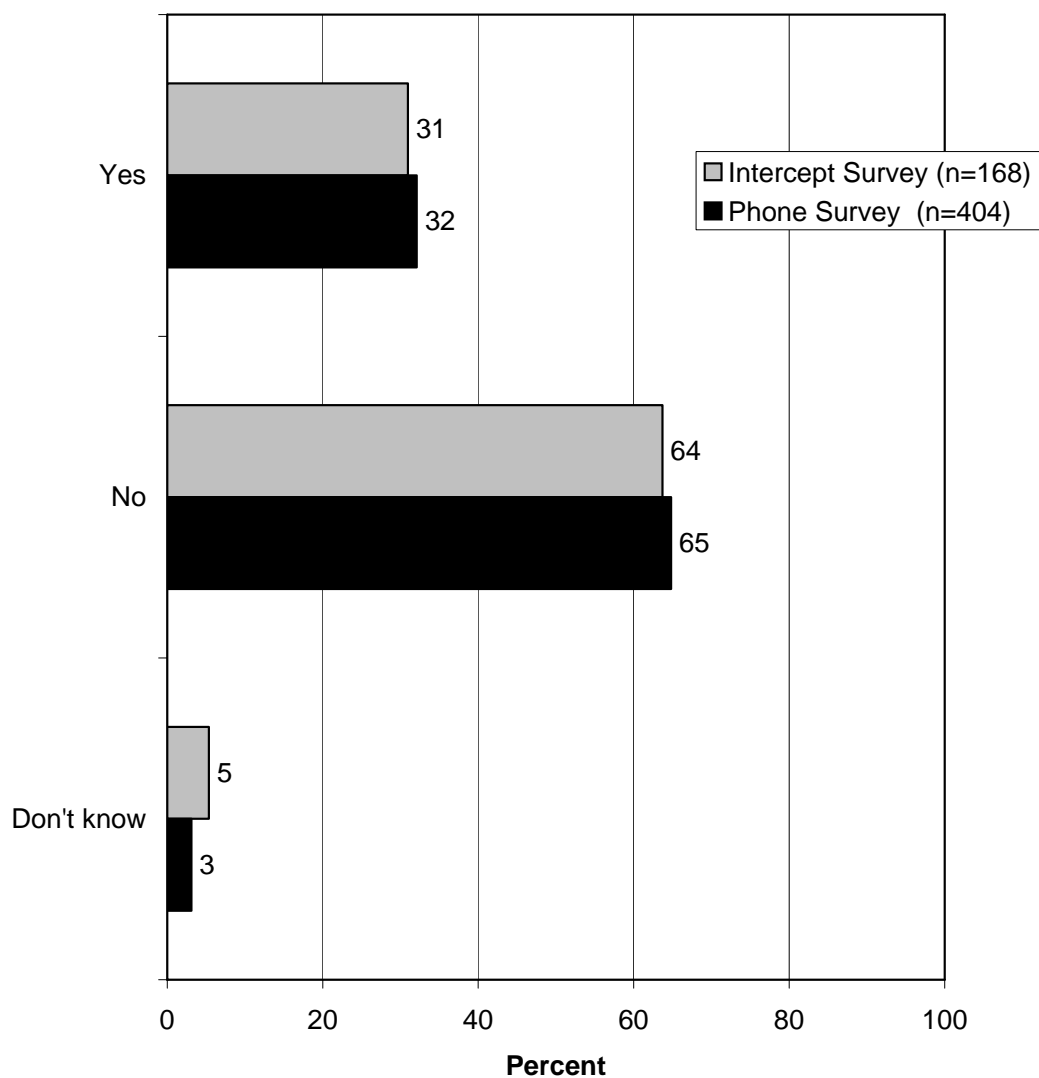


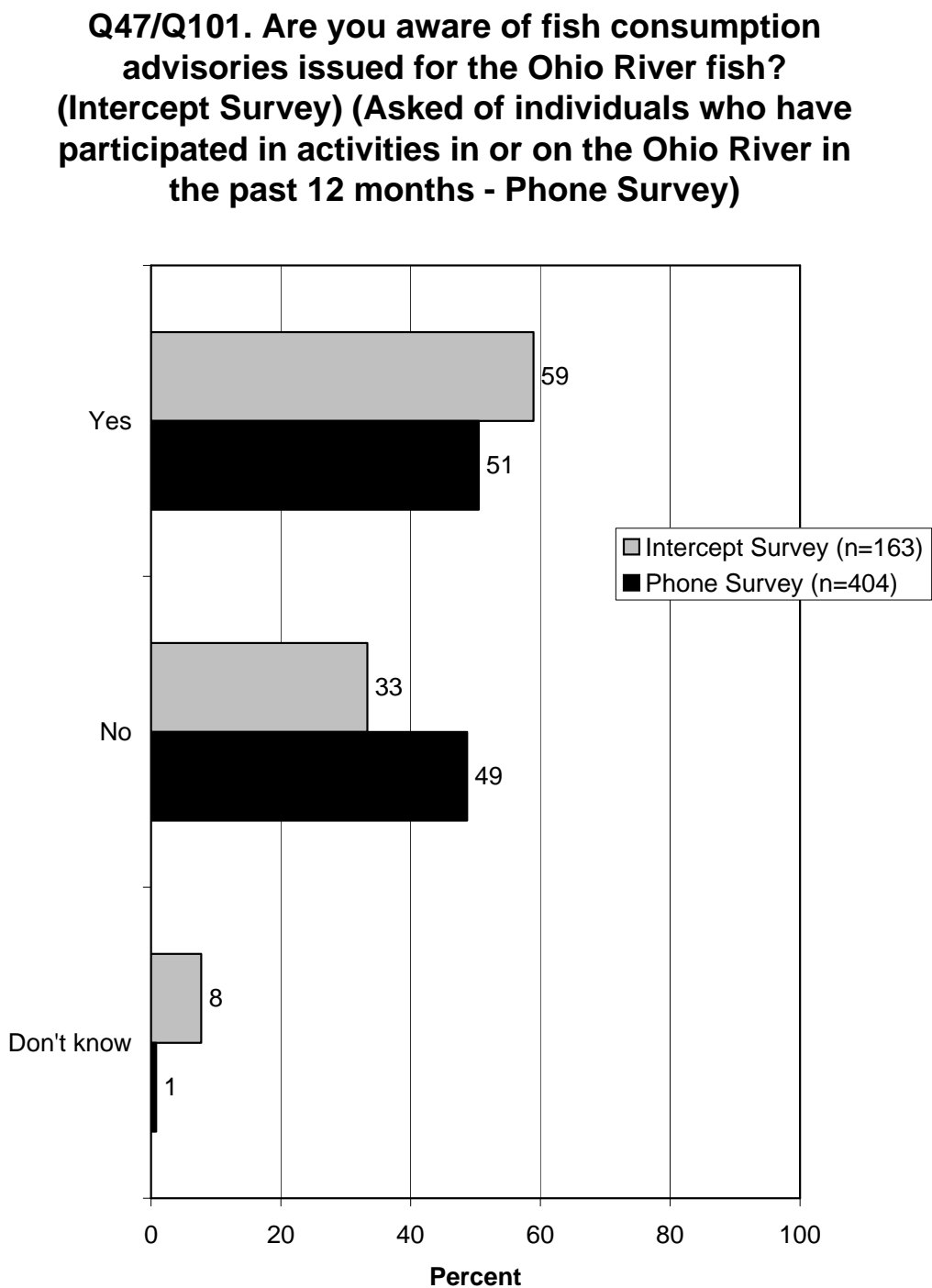
Figure 41. Awareness of Fish Consumption Advisories—Comparisons

Figure 42. State of Residence—Comparisons

Q48/Q4. What state do you live in? (Intercept Survey) (Asked of individuals who participated in activities in or on the Ohio River in the past 12 months - Phone Survey)

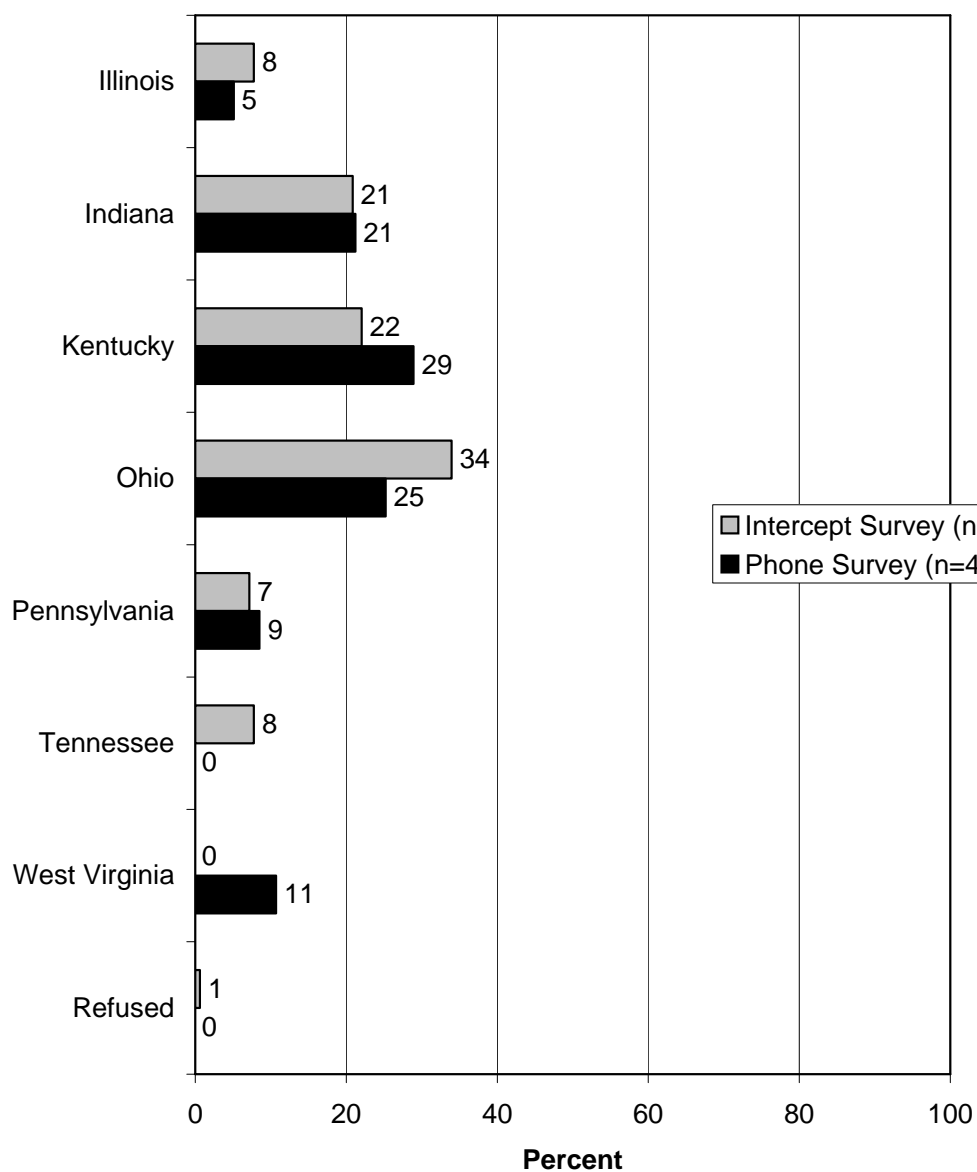


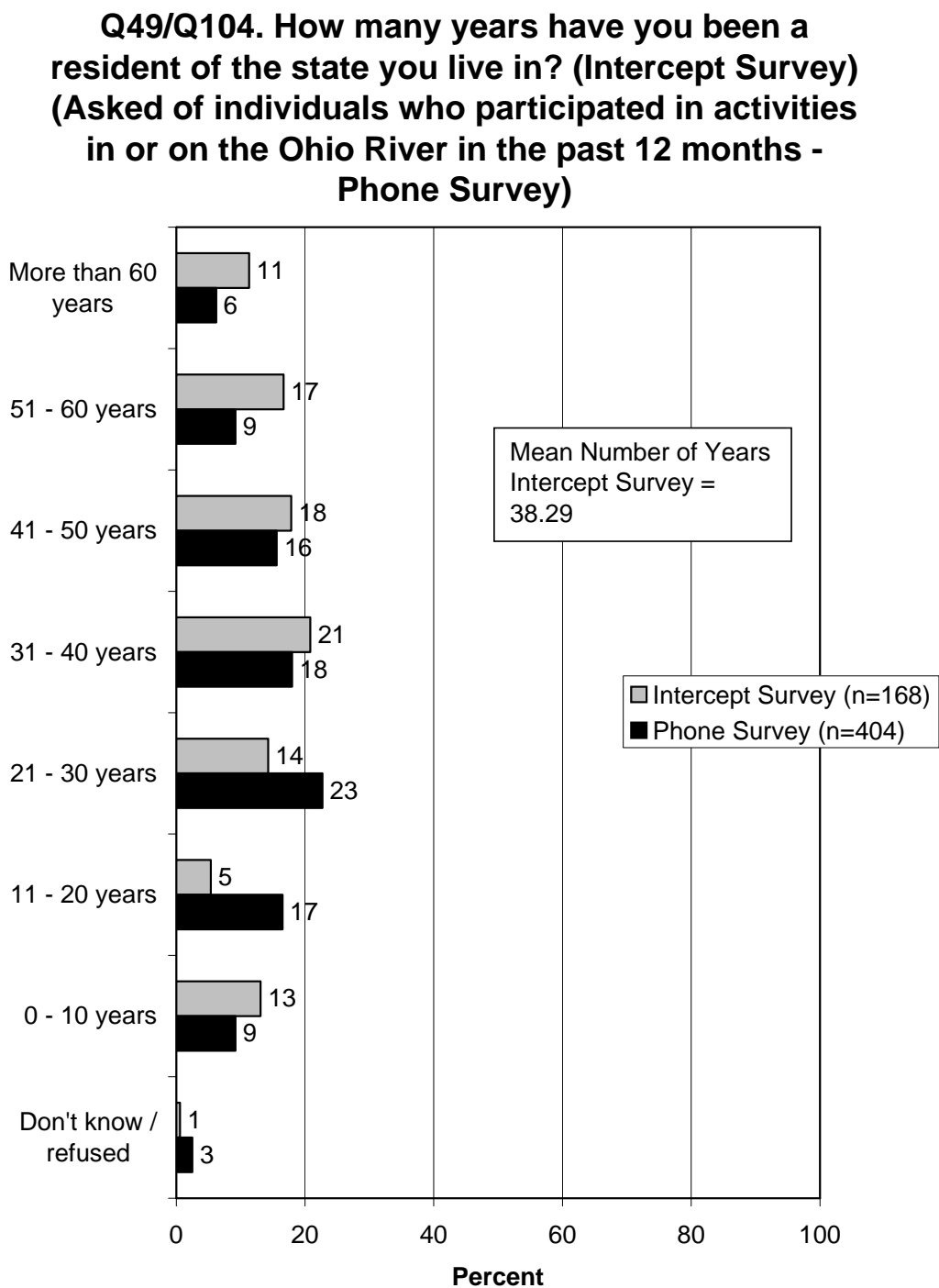
Figure 43. Years of Residency—Comparisons

Figure 44. Respondent's Age—Comparisons

Q52/Q114. Respondent's age. (Intercept) (Asked of individuals who participated in activities in or on the Ohio River in the past 12 months - Phone Survey)

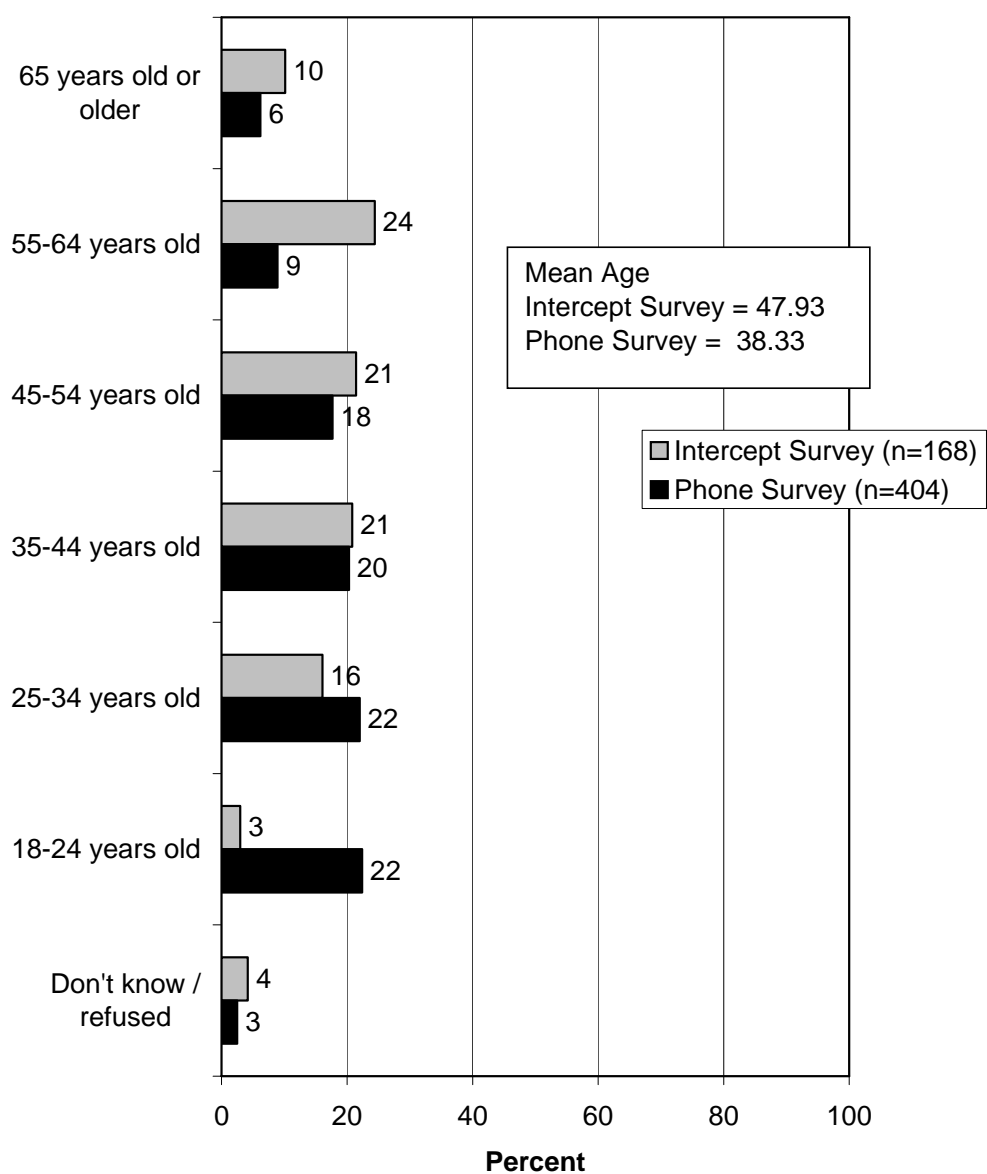
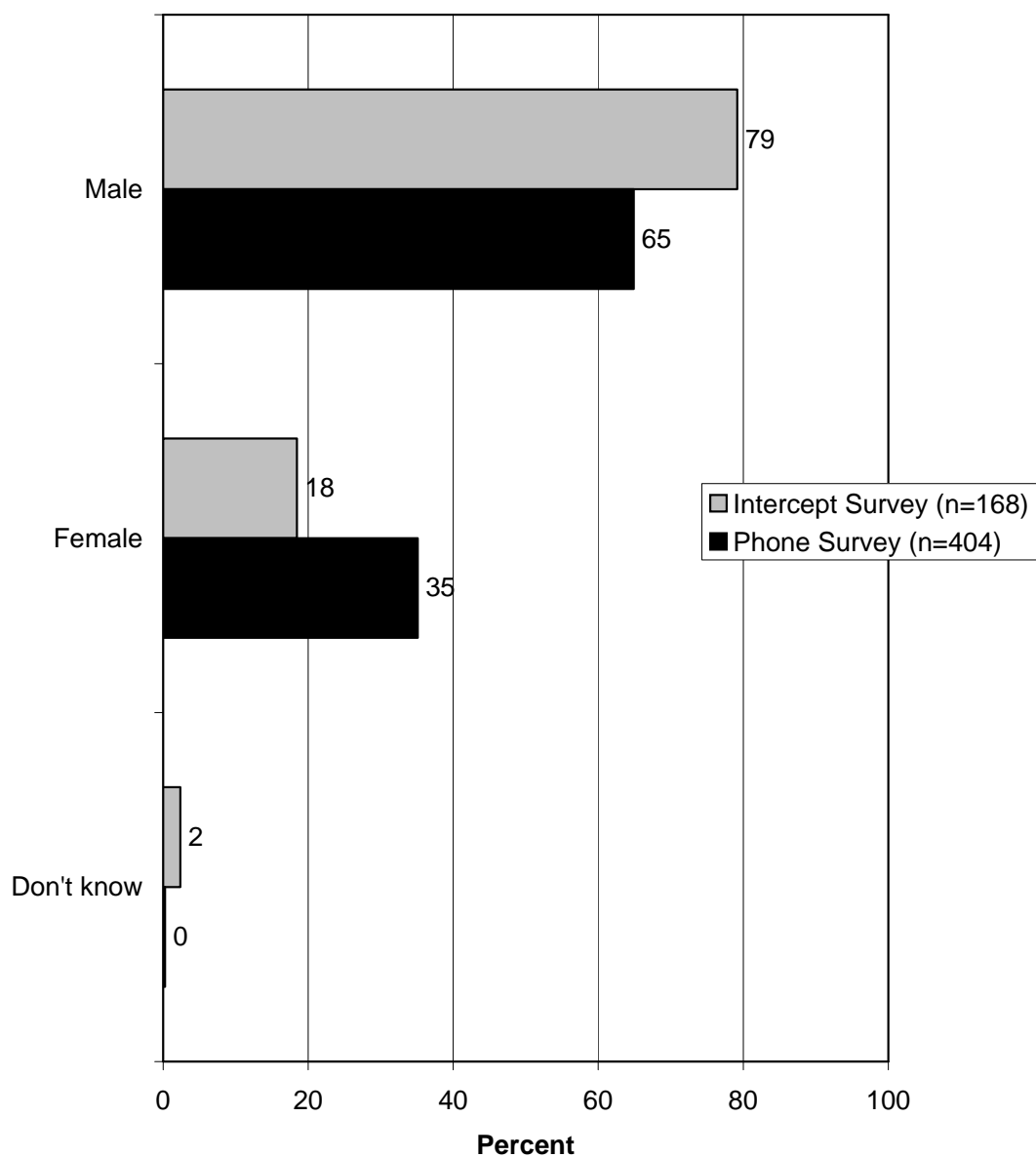


Figure 45. Respondent's Gender—Comparisons

**Q55/Q121. Respondent's gender. (Intercept Survey)
(Individuals who participated in activities in or on
the Ohio River in the past 12 months - Phone
Survey)**



INTERCEPT SURVEY RESULTS

The graphs that follow (Figures 46 – 82) show the intercept survey results on their own. As previously discussed in the triangulation section of this report, these results were considered in the overall findings. A summary of the intercept survey data follows.

- The intercept surveys were gathered mostly in August, September, and October 2008, with a few surveys obtained in the other months. The time of day in which the intercepts were gathered are well-distributed throughout the day; they were also gathered from all along the river.
- Power boating, fishing, and swimming are the most common activities, with about a quarter or more of intercept respondents doing these activities.
- The intercept survey asked about participation in recreational activities that involved full-body immersion (i.e., primary contact) in the Ohio River. Not surprisingly, the warm months predominate (June through September); meanwhile, 40% say that they do not participate in activities that involve full-body immersion. The survey also asked about incidental contact (i.e., secondary contact) activities. Again, warm months predominate, while 15% indicate never doing those types of activities.
- A discussion of the self-reported trends in activity level among intercept survey respondents was previously included in this report. Intercept respondents most commonly indicated that their level of activity had increased (42%) over the past 5 years, while a smaller percentage said that it had decreased (18%).
- The top factors that influenced intercept respondents to participate in activities at a lower level than they would have otherwise wanted include the time of year/season, high water levels, cold temperatures, and the river flow rate (including high *or* low water). Note that each potential factor was included on the survey, and respondents could check “did not influence” on the item if their participation level had not decreased because of the potential

factor. These graphs show all results together so that the factors can be assessed relative to one another, then the graphs show each question individually.

- About a third of intercept survey respondents (31%) had eaten fish from the Ohio River in the past 12 months. A graph shows the results of the numbers of meals eaten in the past 12 months by the respondents. The mean number of meals eaten is 9.2 in the past 12 months (this includes those who have not eaten meals, with their number of meals being coded in the data as 0). A graph is included showing the results among only those who ate at least one meal of Ohio River fish in the past 12 months.
- A graph shows results regarding reasons for *not* eating fish from the Ohio River (about a quarter of intercept respondents who did not eat Ohio River fish indicate being concerned about contamination). A related question found that 59% of intercept survey respondents were aware of Ohio River fish consumption advisories.
- Demographic data for the intercept surveys is shown.

Figure 46. Date of Intercept Survey

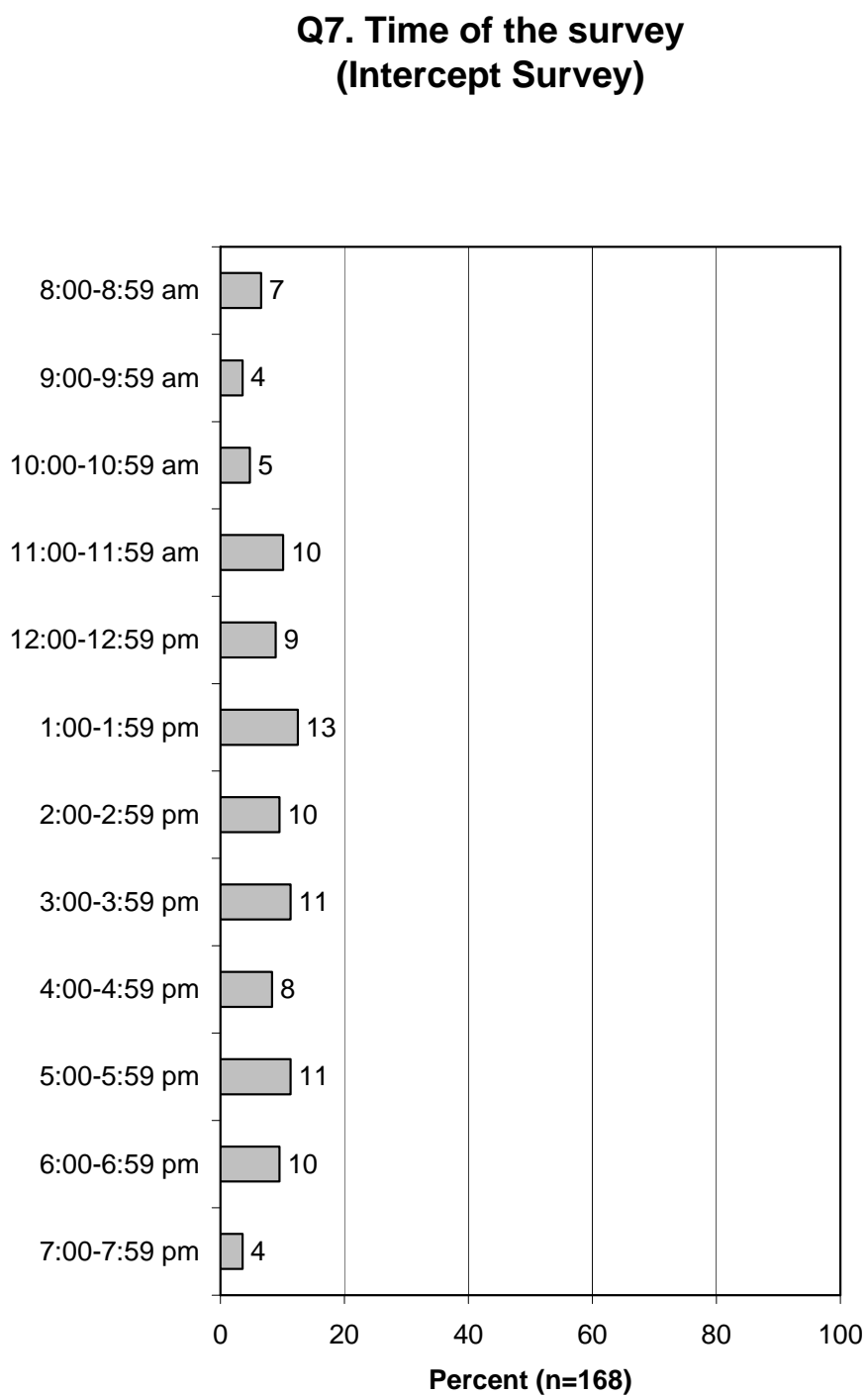
Figure 47. Time of Intercept Survey

Figure 48. Location of Intercept Survey

**Q8. In what 50-mile segment did the respondent
access the Ohio River?
(Intercept Survey)**

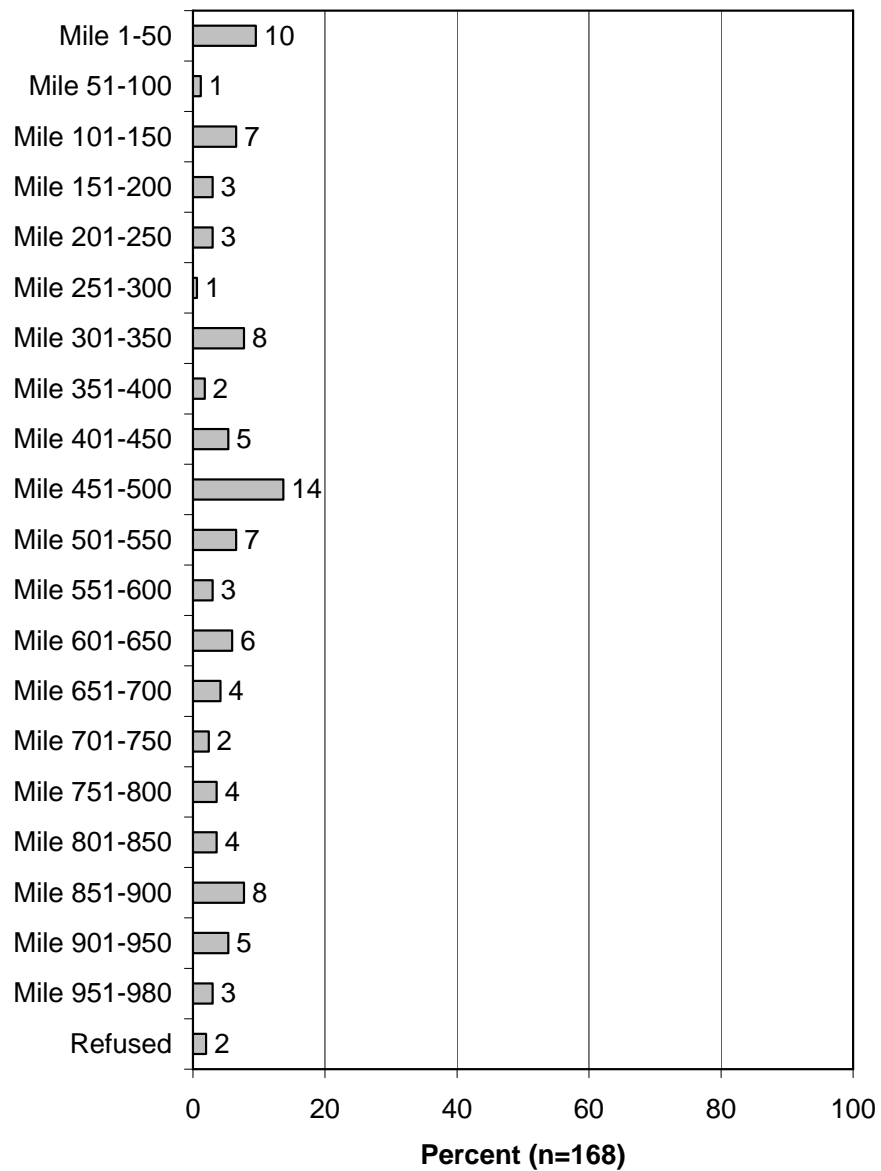


Figure 49. Region of Intercept Survey

**Q8. In which region did respondent access the Ohio River?
(Intercept Survey)**

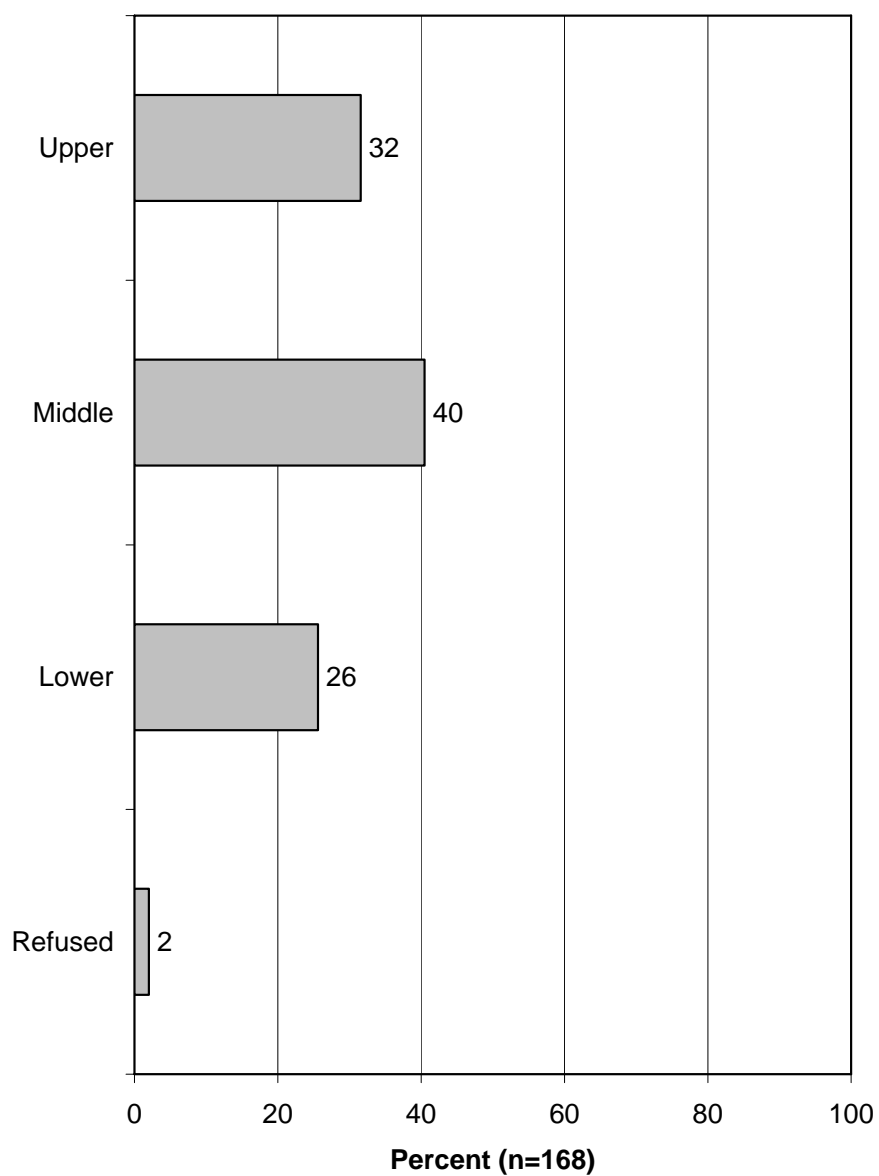


Figure 50. Types of Activities in Which Respondents Participated—Intercept Survey

**Q11. Did/Will you personally participate in any of the following activities on or in the Ohio River today?
(Intercept Survey)**

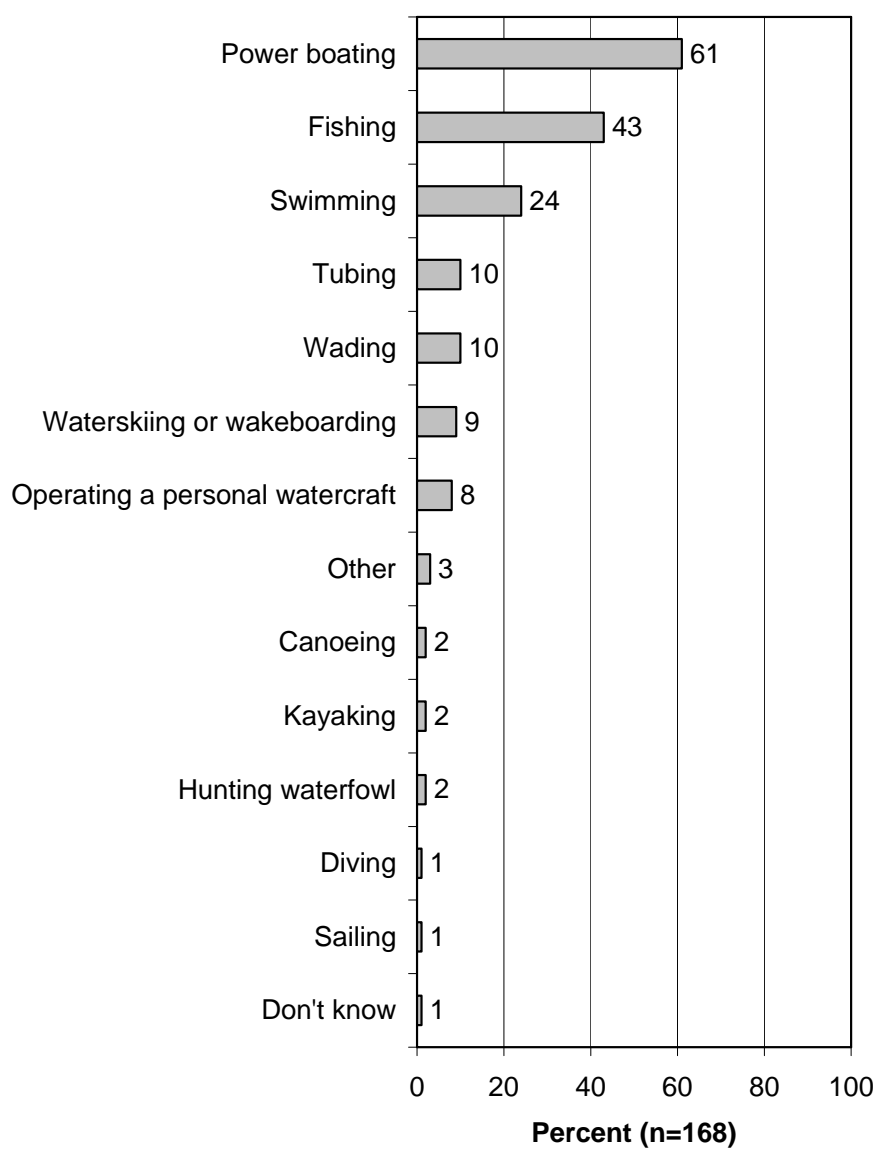


Figure 51. Access of River Among Intercept Survey Respondents

**Q13. Did you access the river from this site or
another location to participate in these activities
today?
(Intercept Survey)**

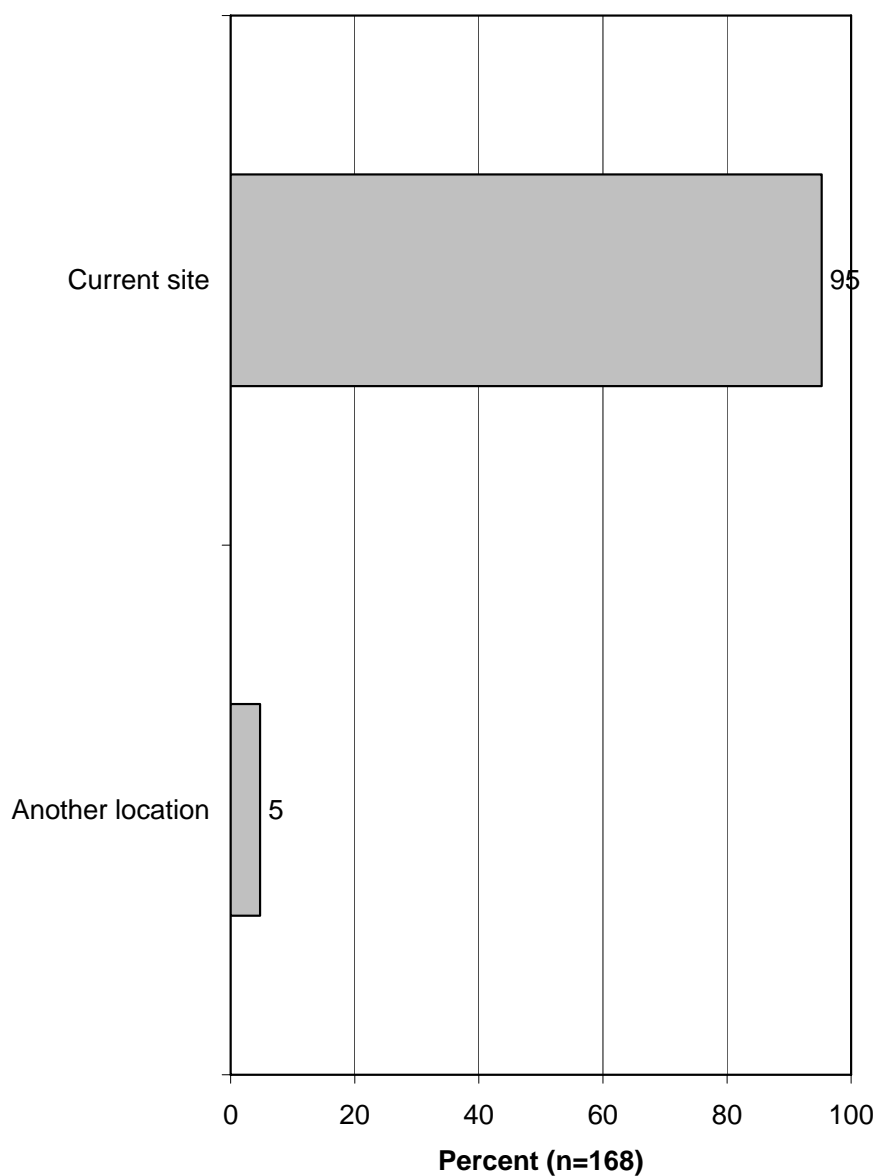


Figure 52. Months of Participation in Full-Body Immersion Activities in Intercept Survey

**Q21. In which months did you participate in recreational activities involving full body immersion in the Ohio River or accidental ingestion of Ohio River water in the past 12 months such as swimming, water skiing, kayaking, or riding a waverunner?
(Intercept Survey)**

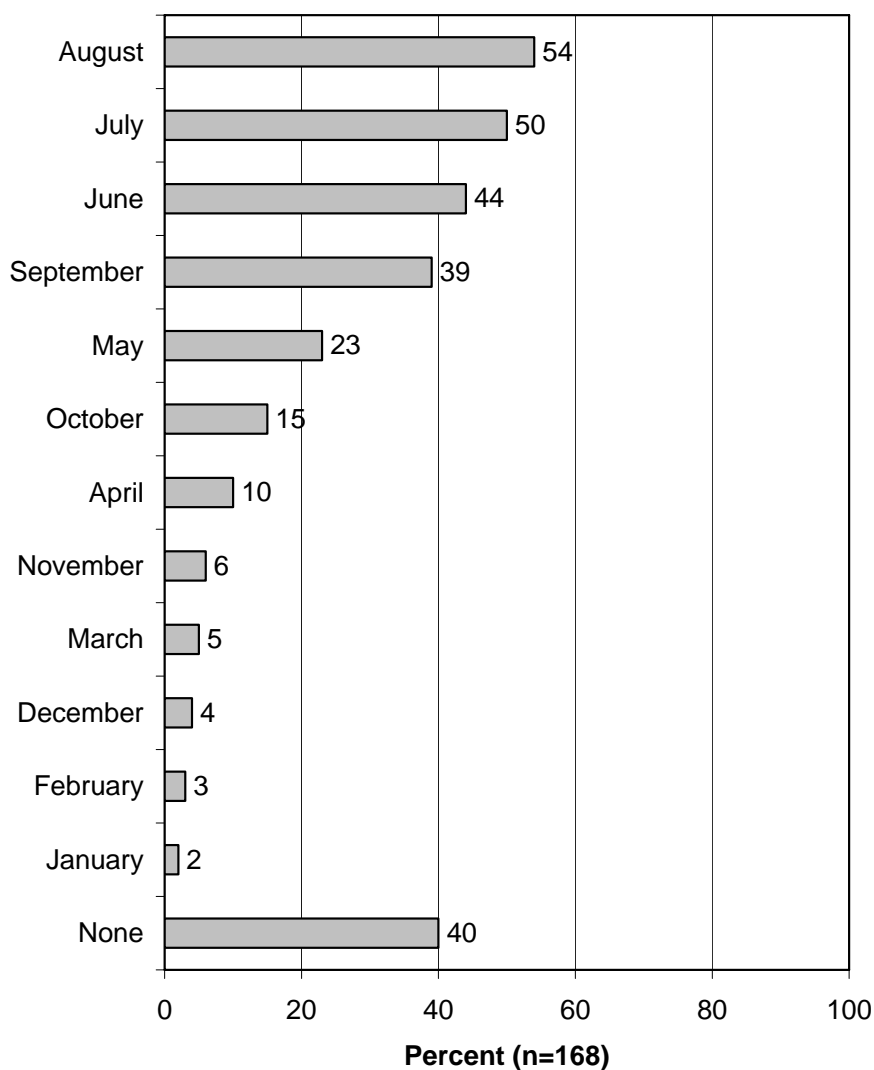


Figure 53. Months of Participation in Incidental Contact Activities in Intercept Survey

**Q24. In which months did you participate in recreational activities involving incidental contact with Ohio River water such as wading, boating, or fishing in the past 12 months?
(Intercept Survey)**

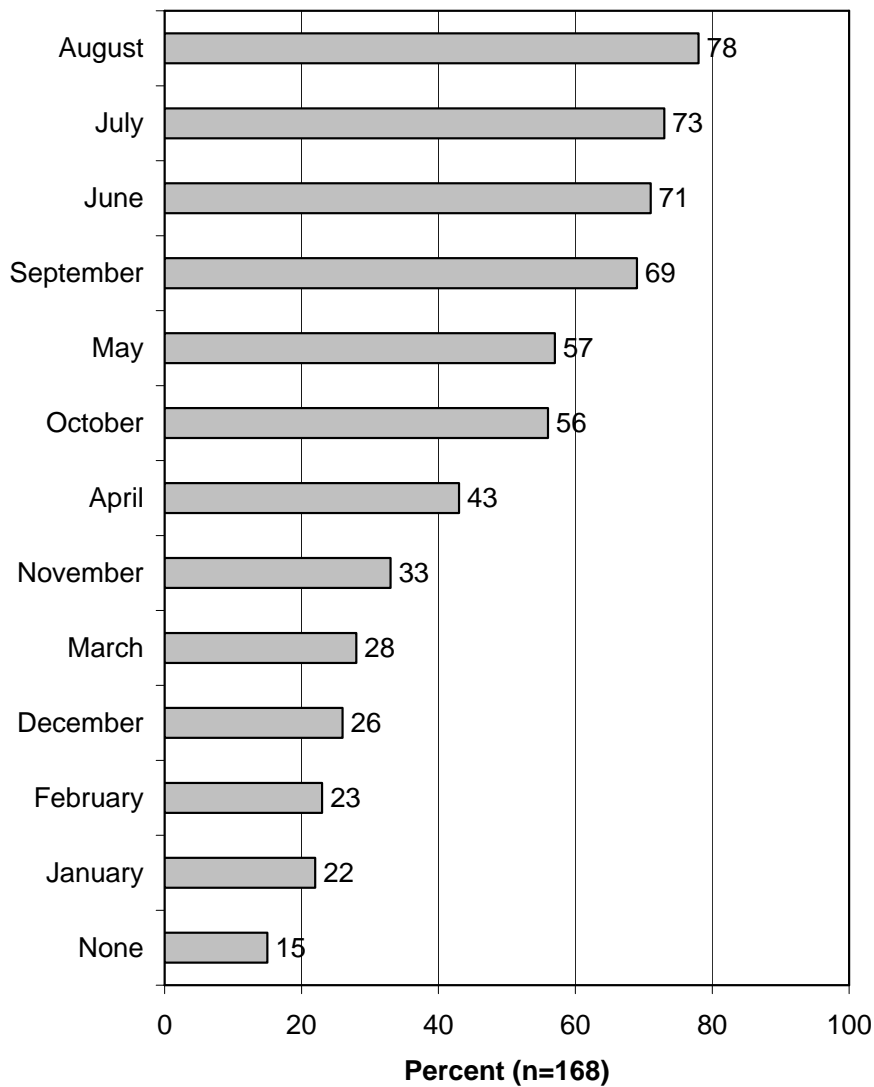


Figure 54. Self-Reported Trends in Participation—Intercept Survey

Q25. In comparison to your participation in the previous 5 years, would you say your participation in activities on or in the Ohio River has increased, stayed about the same, or decreased in the past 12 months?
(Intercept Survey)

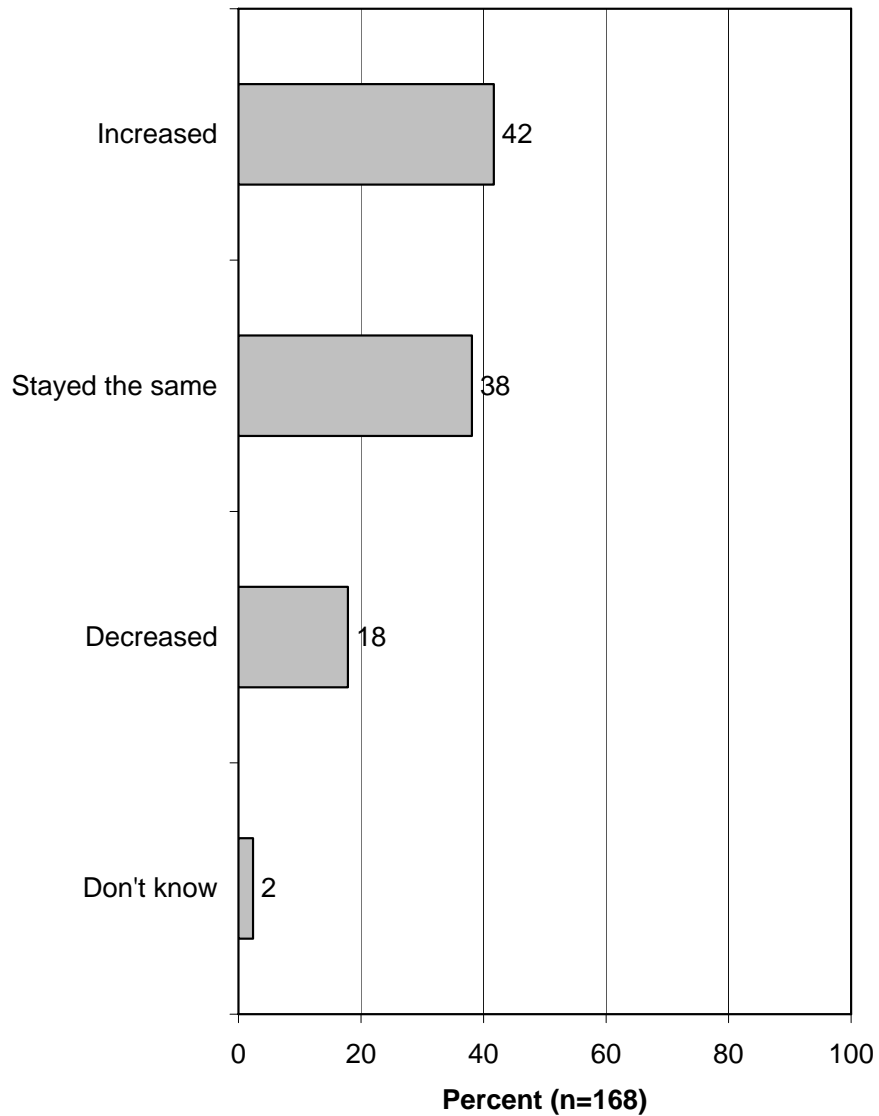


Figure 55. Factors That Strongly Influenced Respondent To Participate Less—Intercept Survey

**Q26-41. Percent who indicated that the following factors strongly influenced him/her to participate less than he/she otherwise would have in activities on or in the Ohio River in the past 12 months.
(Intercept Survey)**

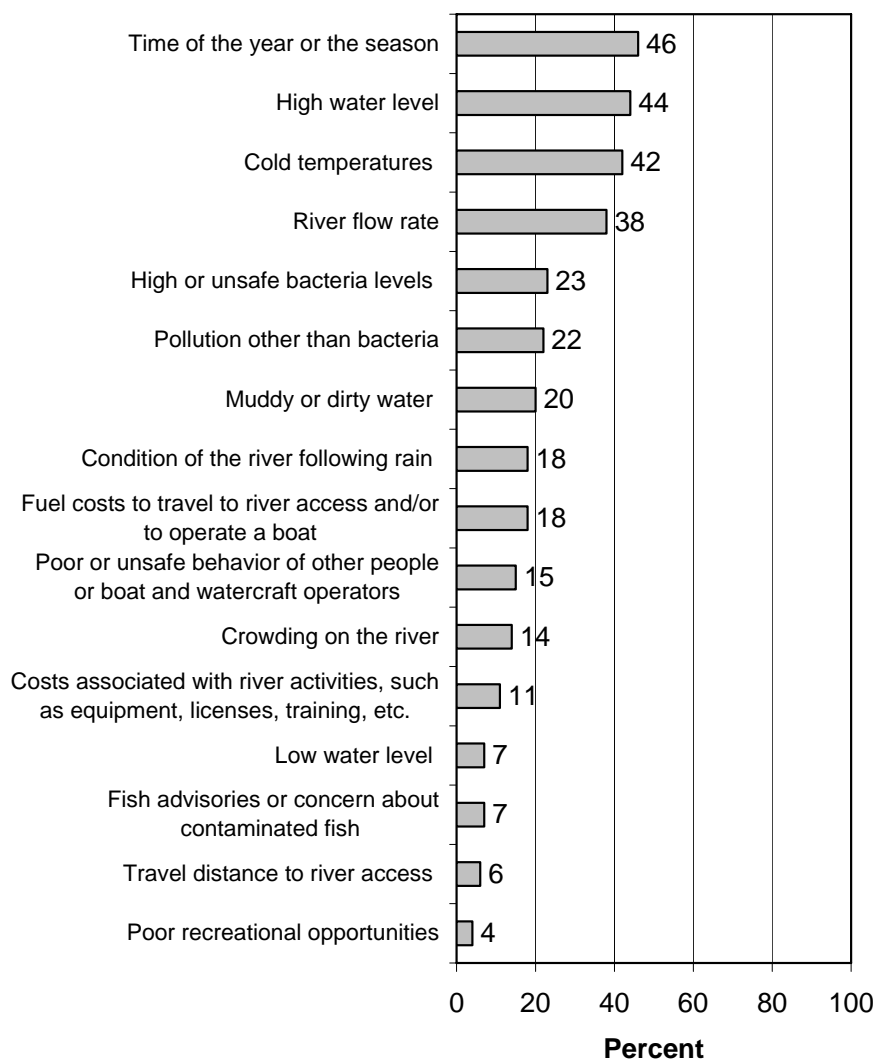


Figure 56. Factors That Influenced Respondent To Participate Less—Intercept Survey

Q26-41. Percent who indicated that the following factors strongly or moderately influenced him/her to participate less than he/she otherwise would have in activities on or in the Ohio River in the past 12 months.
(Intercept Survey)

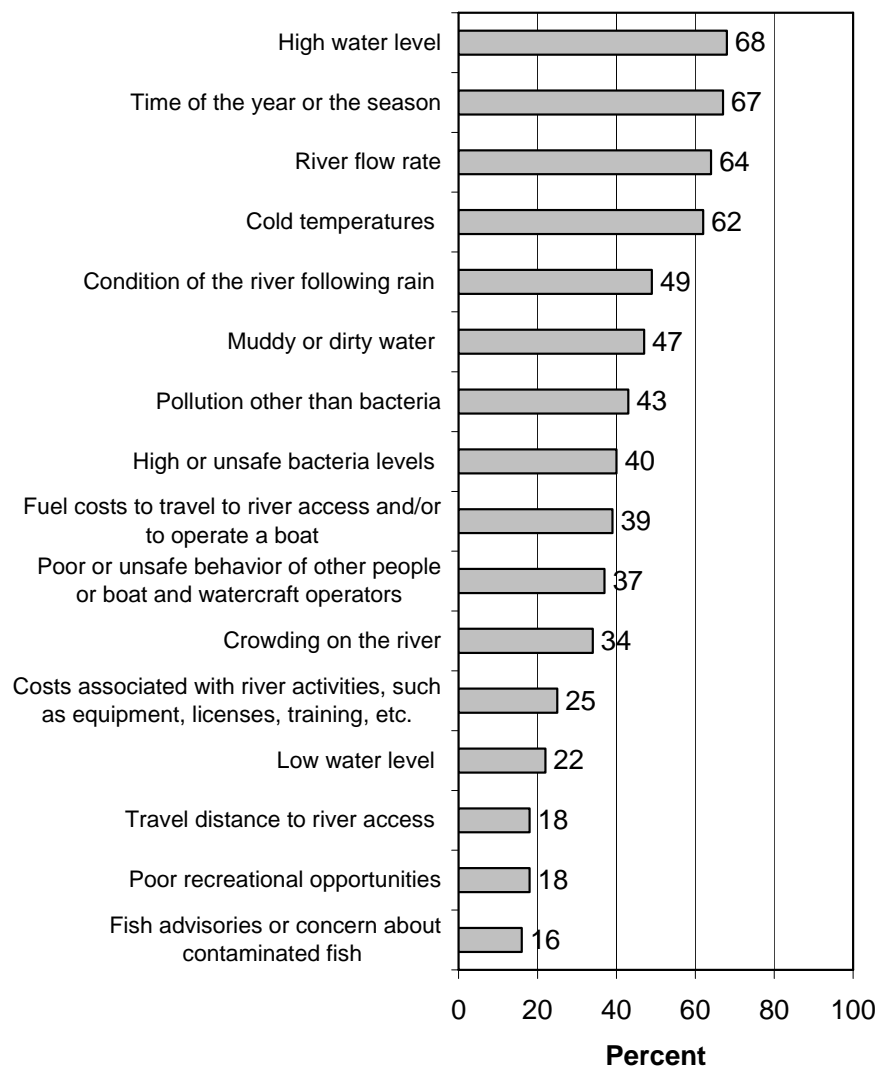


Figure 57. Factors That Did Not Influence Respondent To Participate Less—Intercept Survey

**Q26-41. Percent of those who indicated that the following factors did not influence him/her to participate less than he/she otherwise would have in activities on or in the Ohio River in the past 12 months.
(Intercept Survey)**

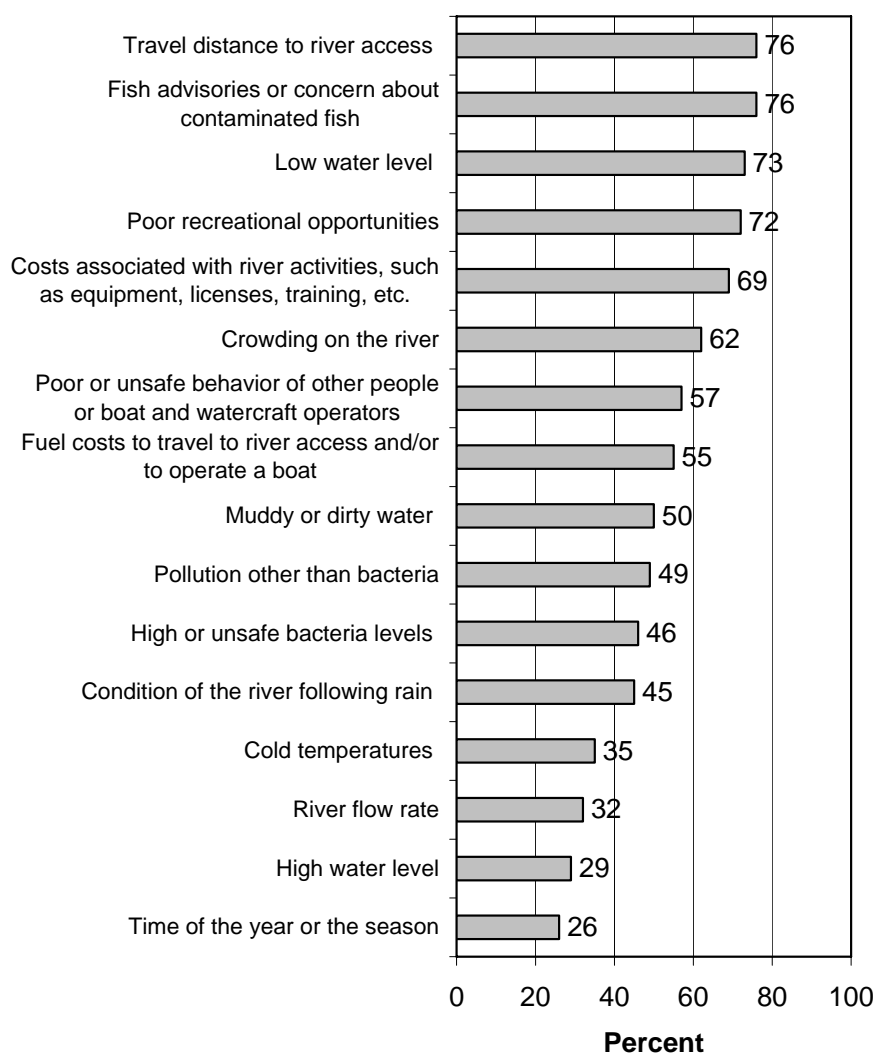


Figure 58. Time of Season as a Constraining Factor—Intercept Survey

**Q26. Regardless of whether your participation has increased, stayed the same, or decreased, please indicate if the time of the year or the season influenced you to participate less than you otherwise would have in activities on or in the Ohio River in the last 12 months?
(Intercept Survey)**

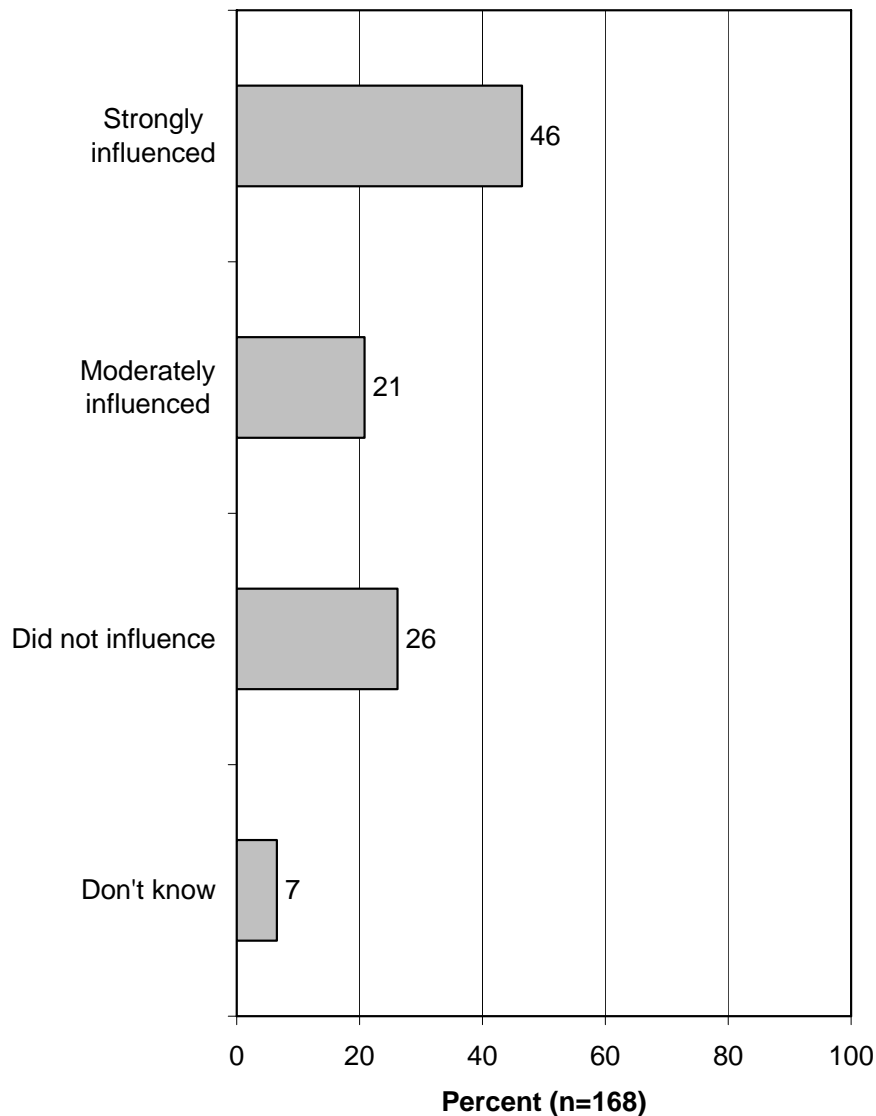


Figure 59. Cold Temperatures as a Constraining Factor—Intercept Survey

**Q27. Regardless of whether your participation has increased, stayed the same, or decreased, please indicate if the cold temperatures influenced you to participate less than you otherwise would have in activities on or in the Ohio River in the past 12 months?
(Intercept Survey)**

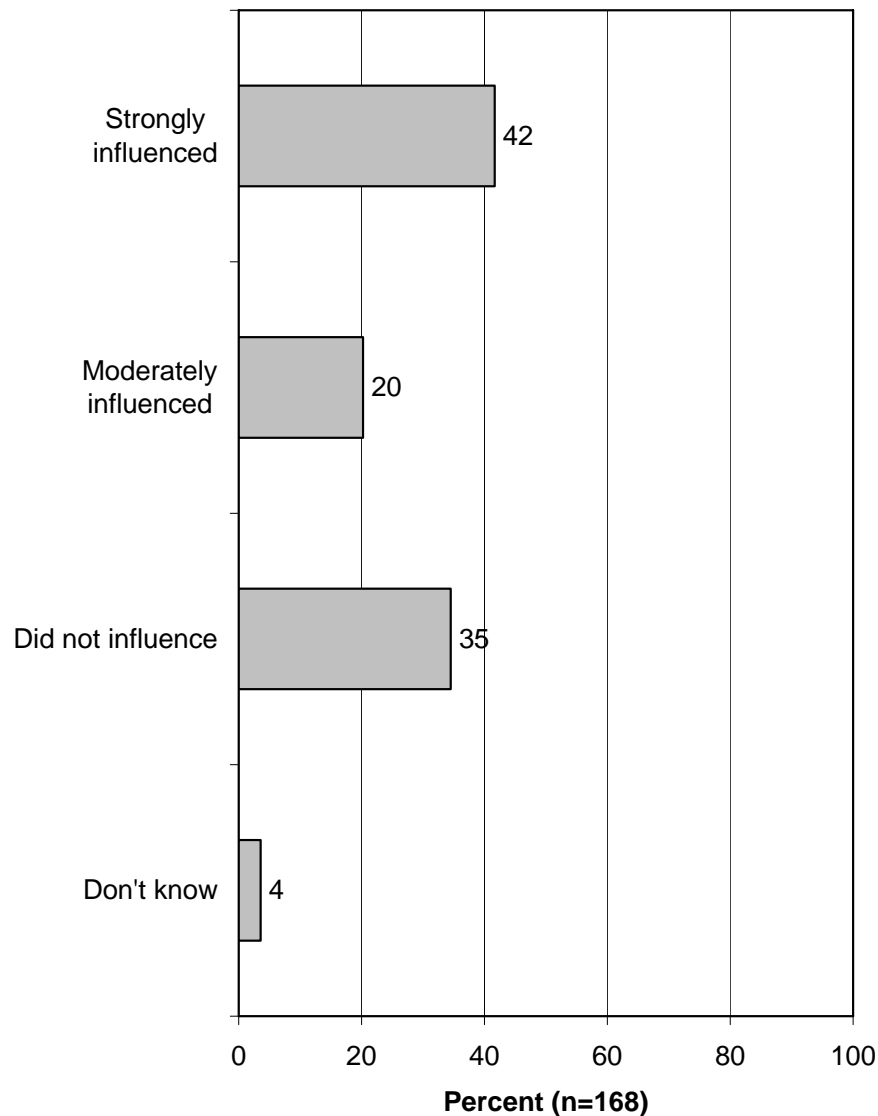


Figure 60. River Flow Rate as a Constraining Factor—Intercept Survey

**Q28. Regardless of whether your participation has increased, stayed the same, or decreased, please indicate if the river flow rate influenced you to participate less than you otherwise would have in activities on or in the Ohio River in the past 12 months?
(Intercept Survey)**

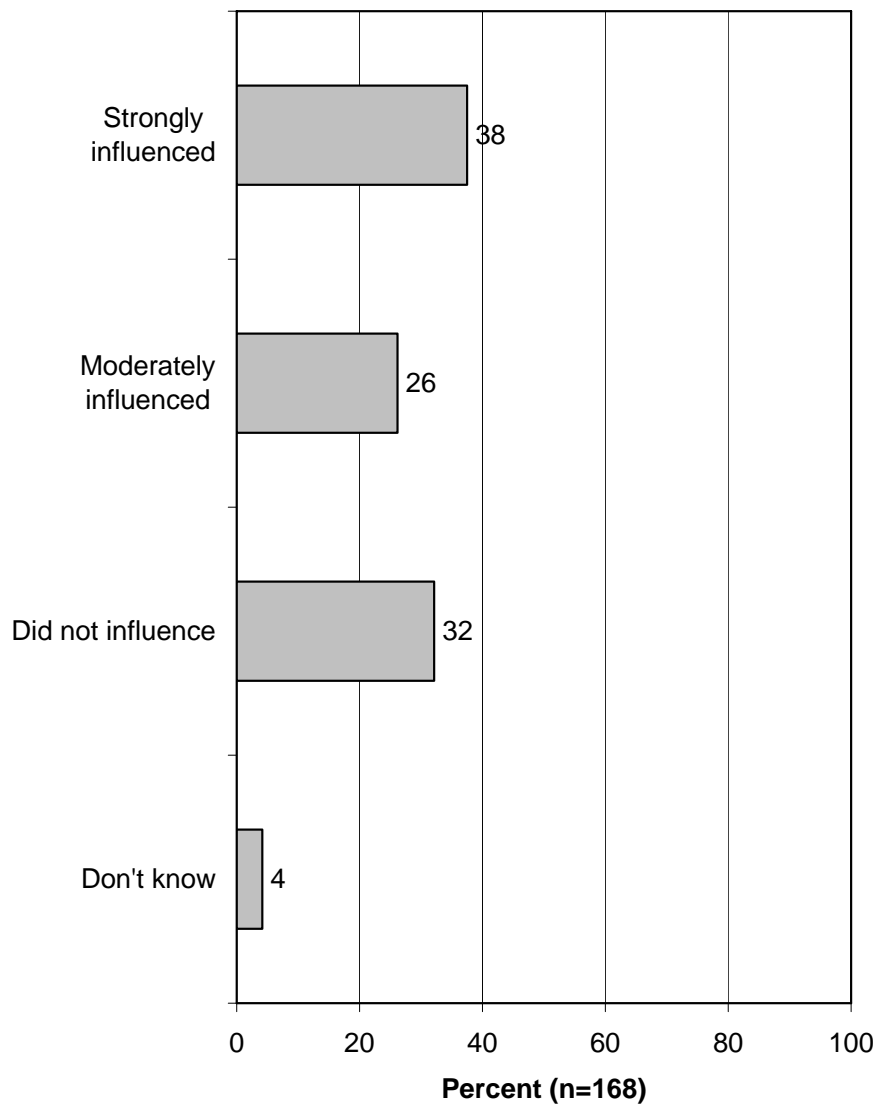


Figure 61. High Water Level as a Constraining Factor—Intercept Survey

Q29. Regardless of whether your participation has increased, stayed the same, or decreased, please indicate if a high water level influenced you to participate less than you otherwise would have in activities on or in the Ohio River in the past 12 months? (Intercept Survey)

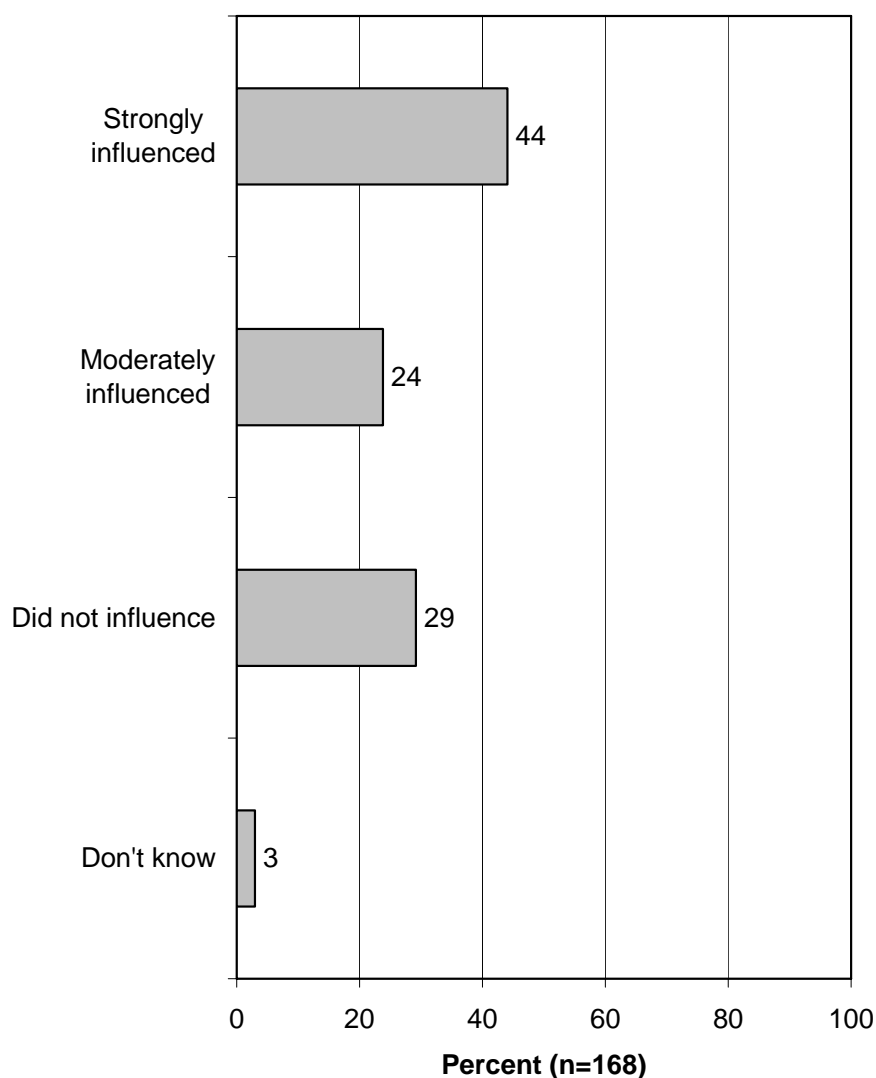


Figure 62. Low Water Level as a Constraining Factor—Intercept Survey

**Q30. Regardless of whether your participation has increased, stayed the same, or decreased, please indicate if a low water level influenced you to participate less than you otherwise would have in activities on or in the Ohio River in the past 12 months?
(Intercept Survey)**

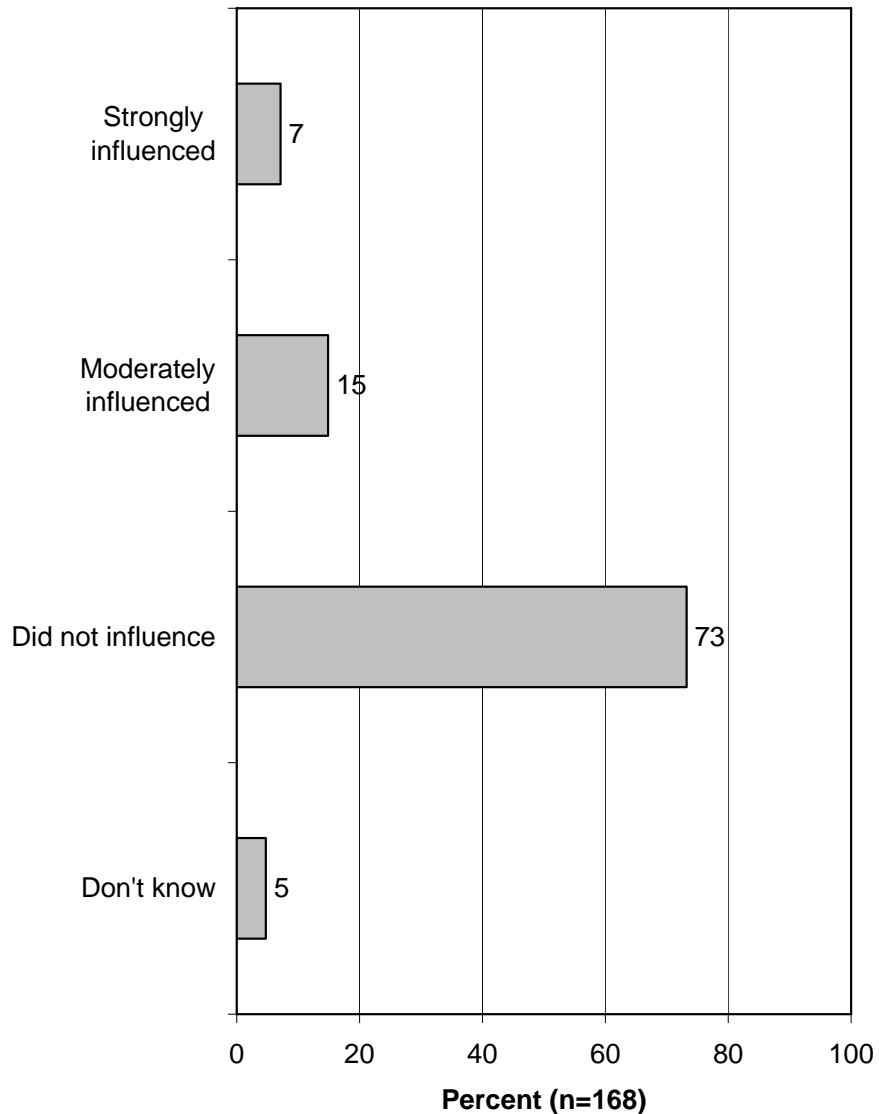


Figure 63. Muddy or Dirty Water as a Constraining Factor—Intercept Survey

Q31. Regardless of whether your participation has increased, stayed the same, or decreased, please indicate if muddy or dirty water influenced you to participate less than you otherwise would have in activities on or in the Ohio River in the past 12 months? (Intercept Survey)

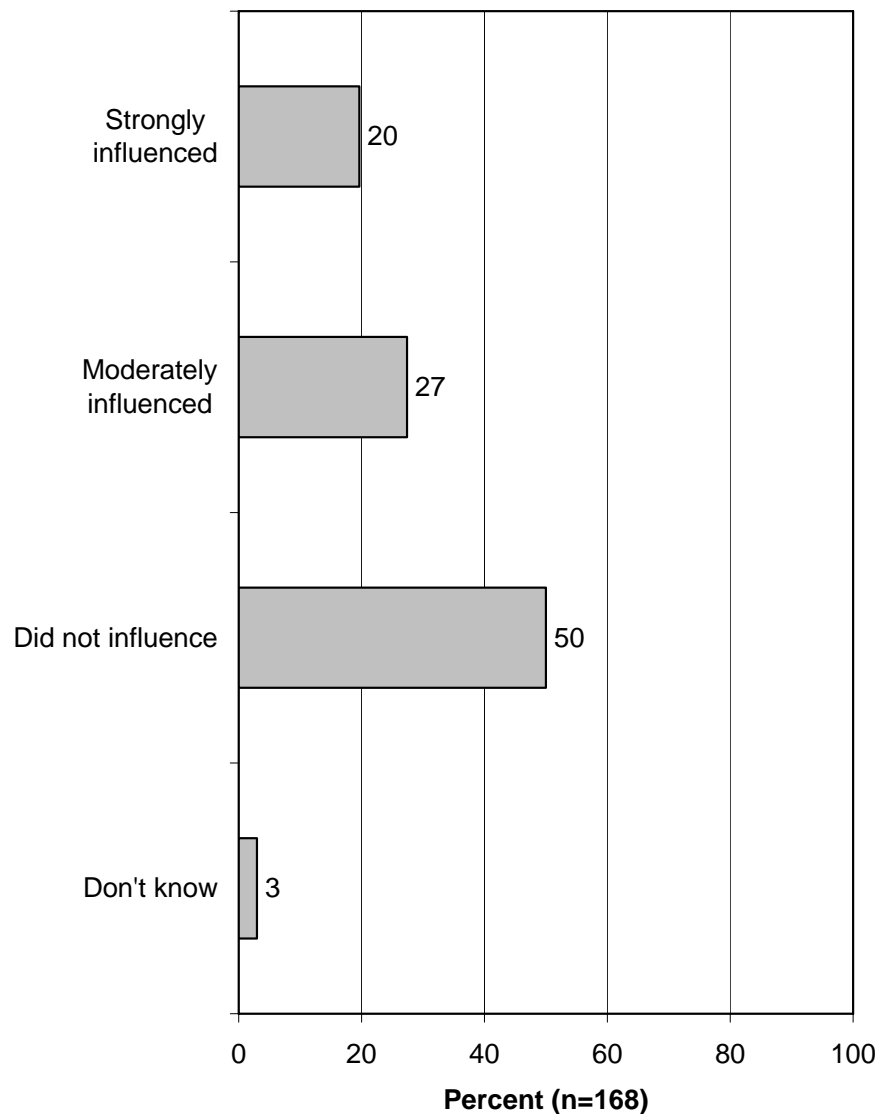


Figure 64. River Condition Following Rain as a Constraining Factor—Intercept Survey

**Q32. Regardless of whether your participation has increased, stayed the same, or decreased, please indicate if the condition of the river following rain influenced you to participate less than you otherwise would have in activities on or in the Ohio River?
(Intercept Survey)**

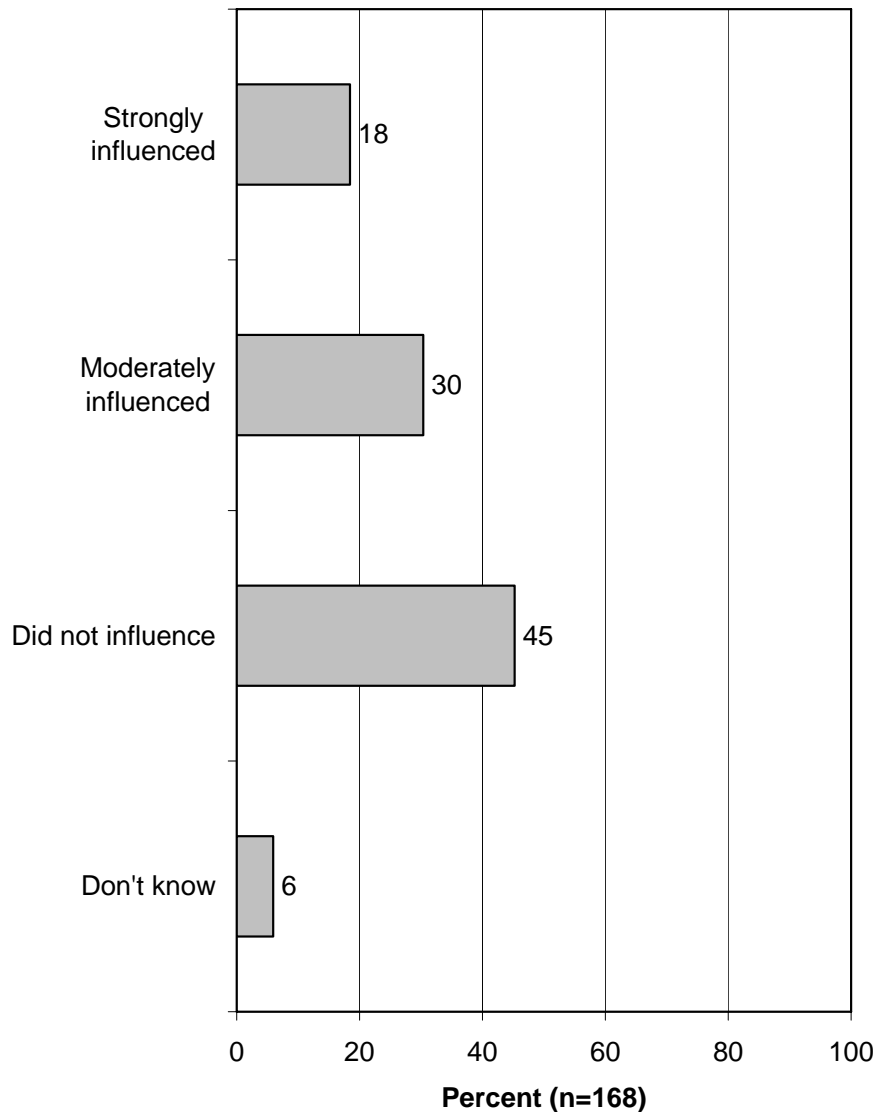


Figure 65. Unsafe Bacteria Levels as a Constraining Factor—Intercept Survey

**Q33. Regardless of whether your participation has increased, stayed the same, or decreased, please indicate if high or unsafe bacteria levels of the river influenced you to participate less than you otherwise would have in activities on or in the Ohio River?
(Intercept Survey)**

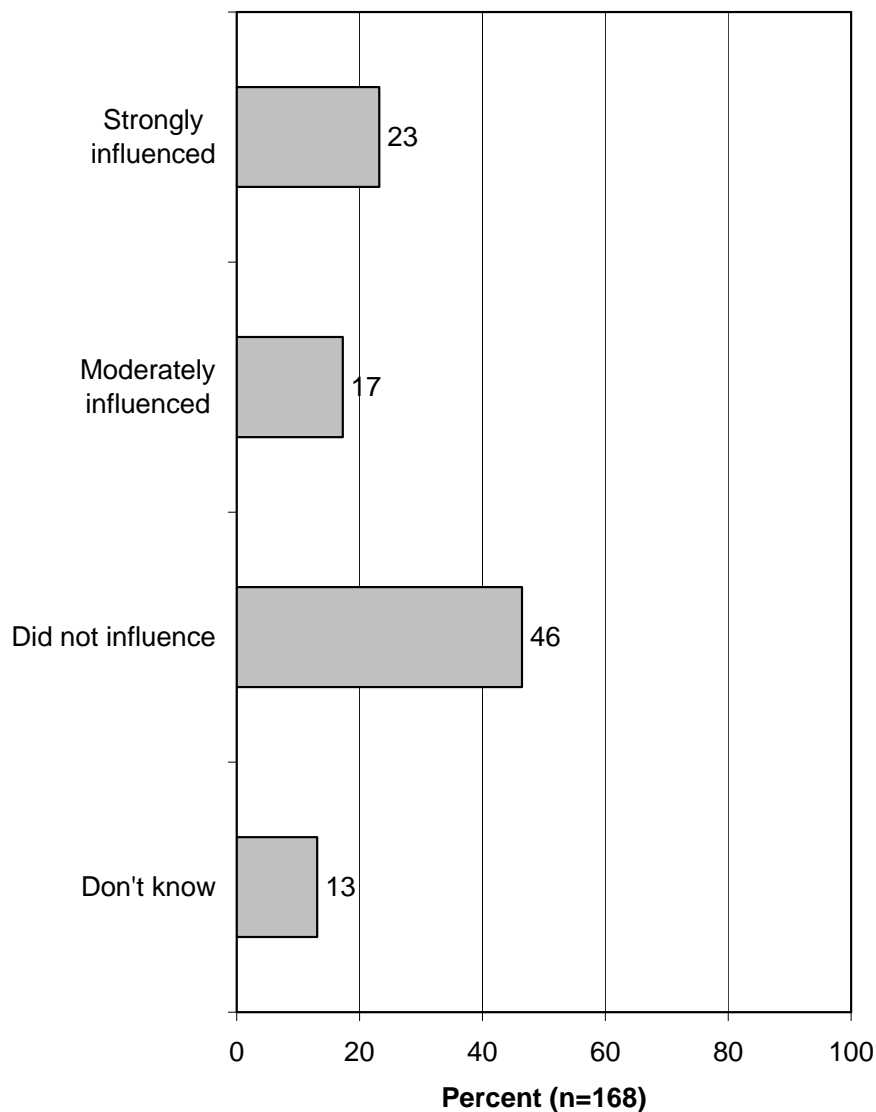


Figure 66. Pollution Other than Bacteria as a Constraining Factor—Intercept Survey

Q34. Regardless of whether your participation has increased, stayed the same, or decreased, please indicate if pollution other than bacteria influenced you to participate less than you otherwise would have in activities on or in the Ohio River in the past 12 months? (Intercept Survey)

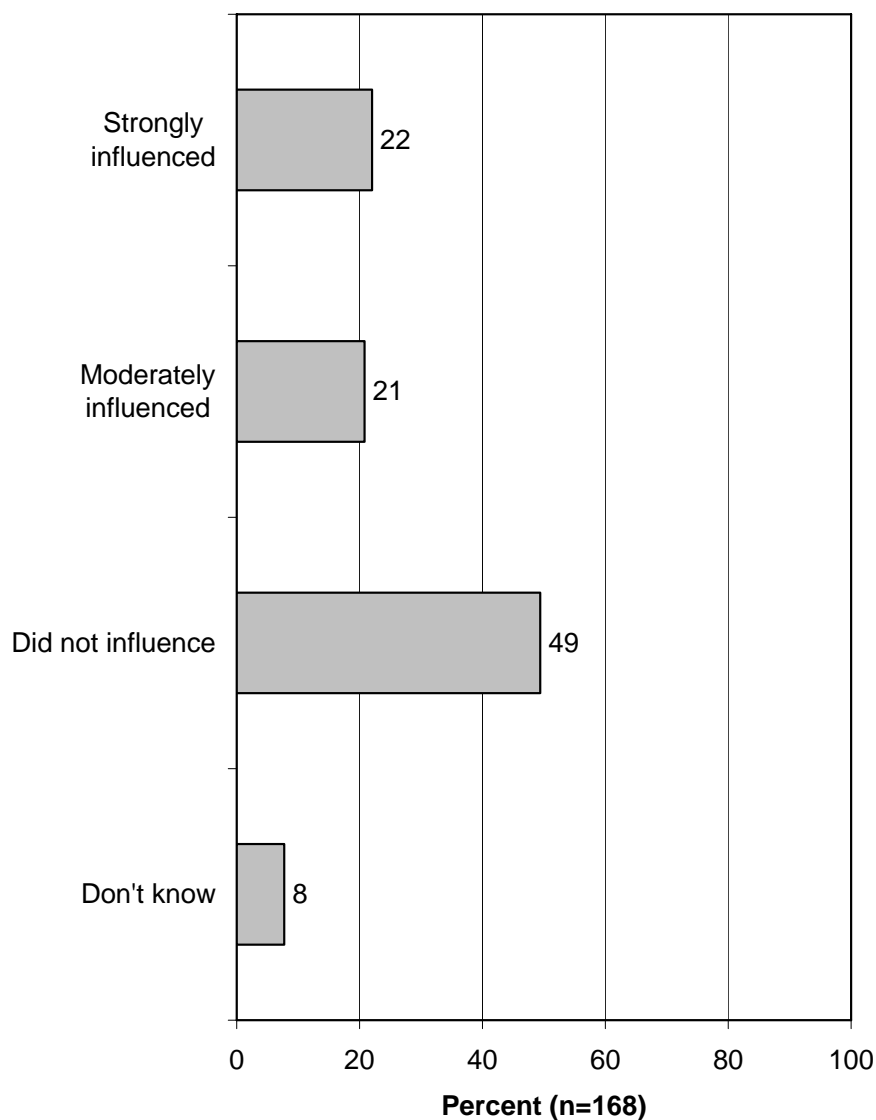


Figure 67. Crowding as a Constraining Factor—Intercept Survey

**Q35. Regardless of whether your participation has increased, stayed the same, or decreased, please indicate if crowding on the river influenced you to participate less than you otherwise would have in activities on or in the Ohio River in the past 12 months?
(Intercept Survey)**

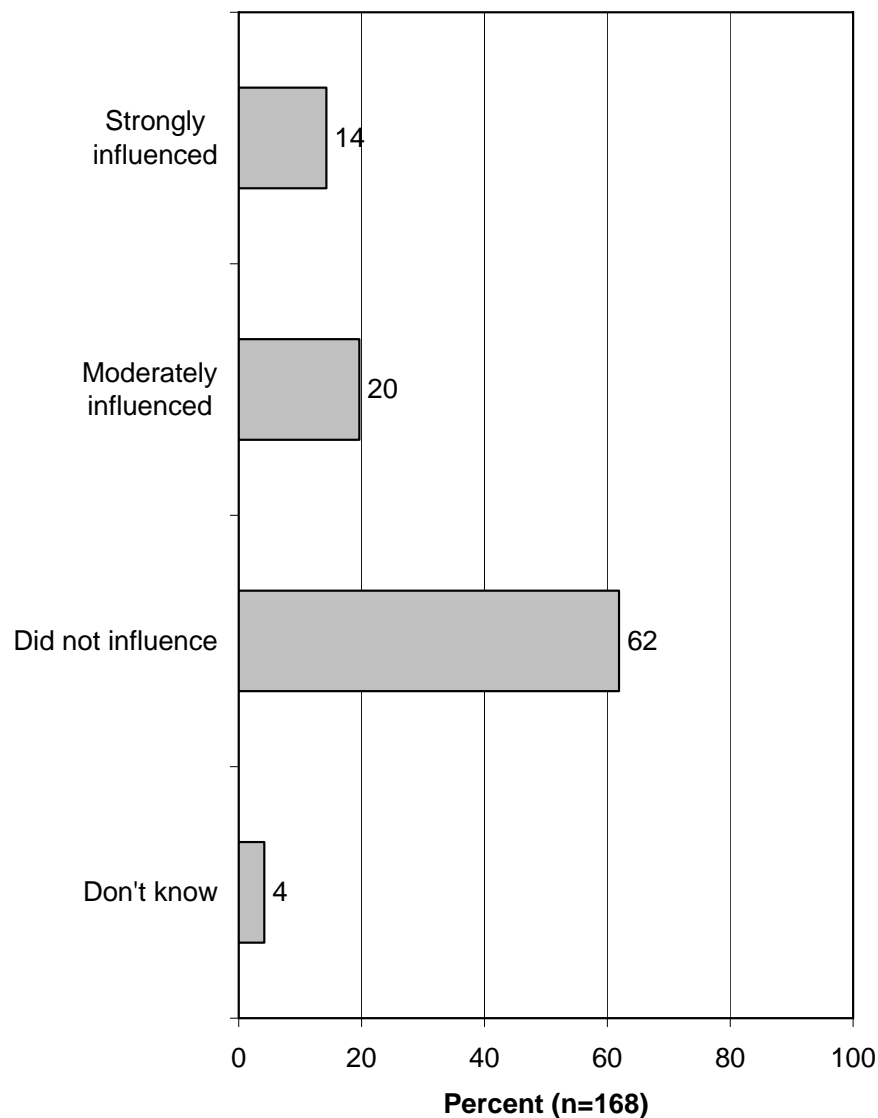


Figure 68. Unsafe Behavior of Others as a Constraining Factor—Intercept Survey

**Q36. Regardless of whether your participation has increased, stayed the same, or decreased, please indicate if the poor or unsafe behavior of other people or boat and watercraft operators on the river influenced you to participate less than you otherwise would have in activities on or in the Ohio River in the past 12 months?
(Intercept Survey)**

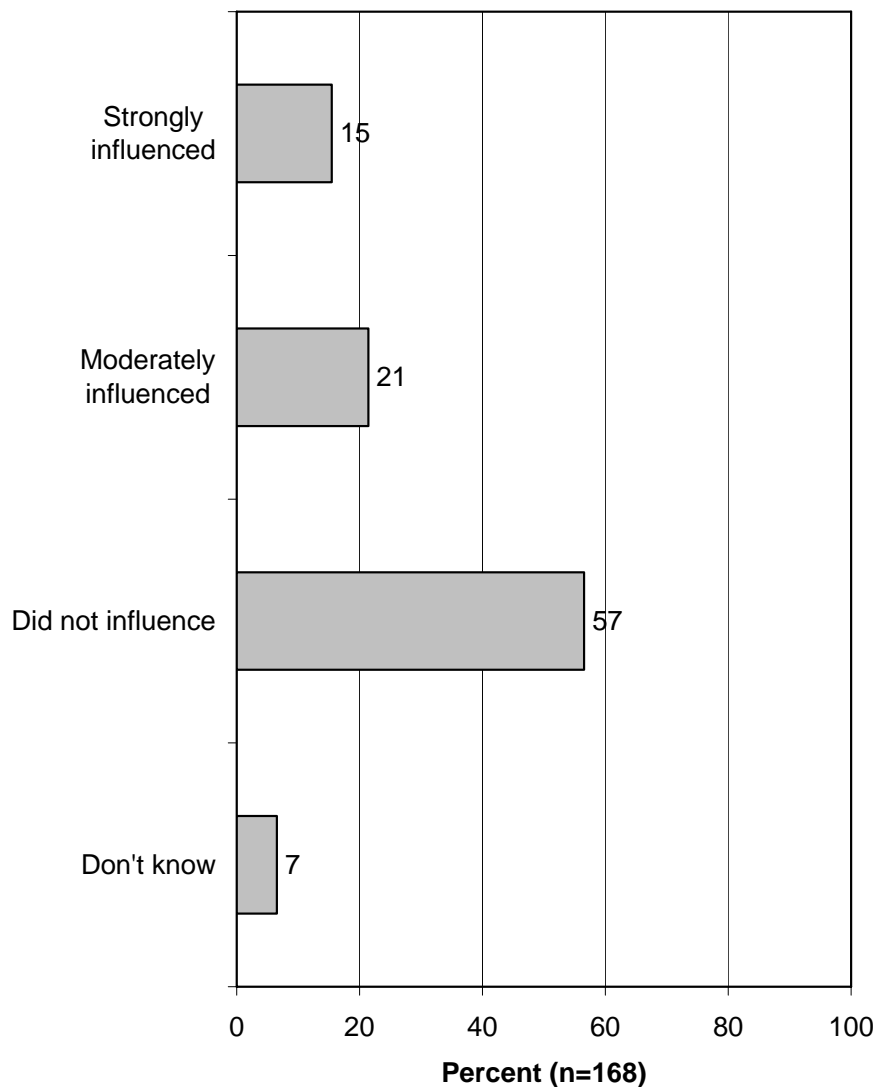


Figure 69. Costs as a Constraining Factor—Intercept Survey

Q37. Regardless of whether your participation has increased, stayed the same, or decreased, please indicate if the costs associated with river activities, such as equipment, licenses, training, etc., influenced you to participate less than you otherwise would have in activities on or in the Ohio River in the past 12 months?

(Intercept Survey)

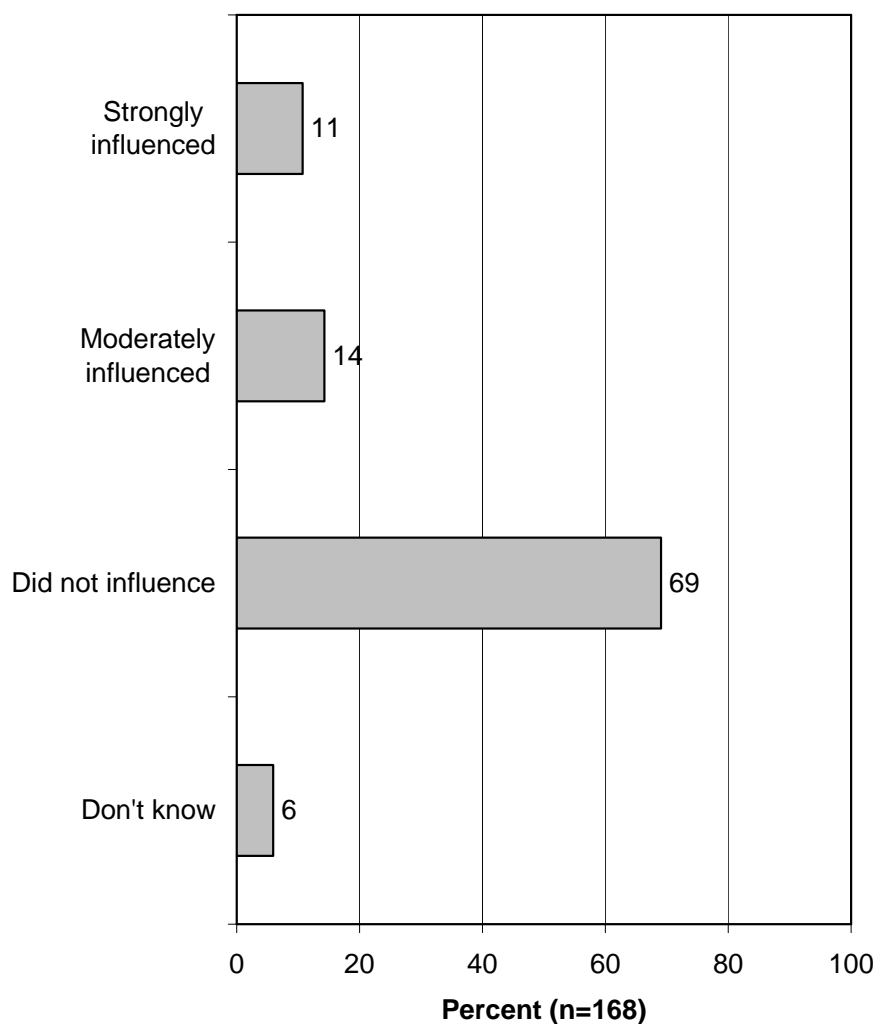


Figure 70. Fuel Costs as a Constraining Factor—Intercept Survey

**Q38. Regardless of whether your participation has increased, stayed the same, or decreased, please indicate if the fuel costs to travel to river access and/or to operate a boat influenced you to participate less than you otherwise would have in activities on or in the Ohio River in the past 12 months?
(Intercept Survey)**

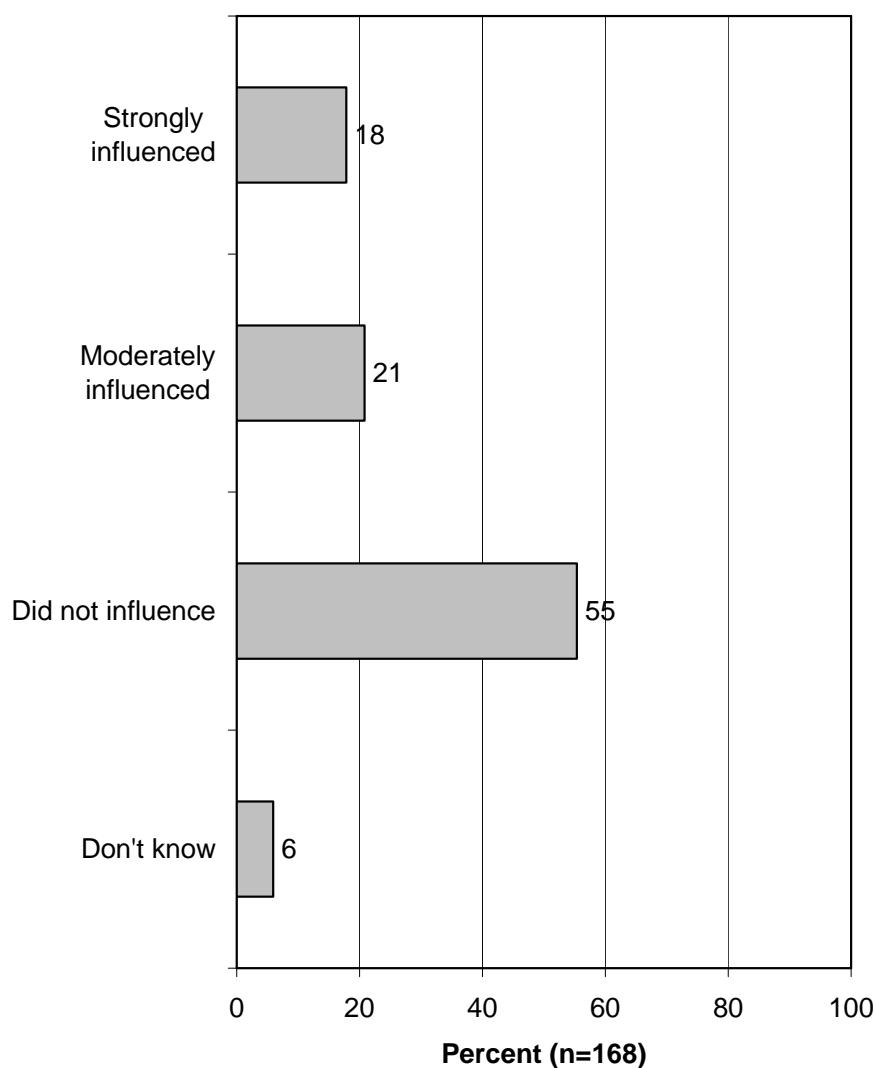


Figure 71. Travel Distance to River as a Constraining Factor—Intercept Survey

**Q39. Regardless of whether your participation has increased, stayed the same, or decreased, please indicate if the travel distance to river access influenced you to participate less than you otherwise would have in activities on or in the Ohio River in the past 12 months?
(Intercept Survey)**

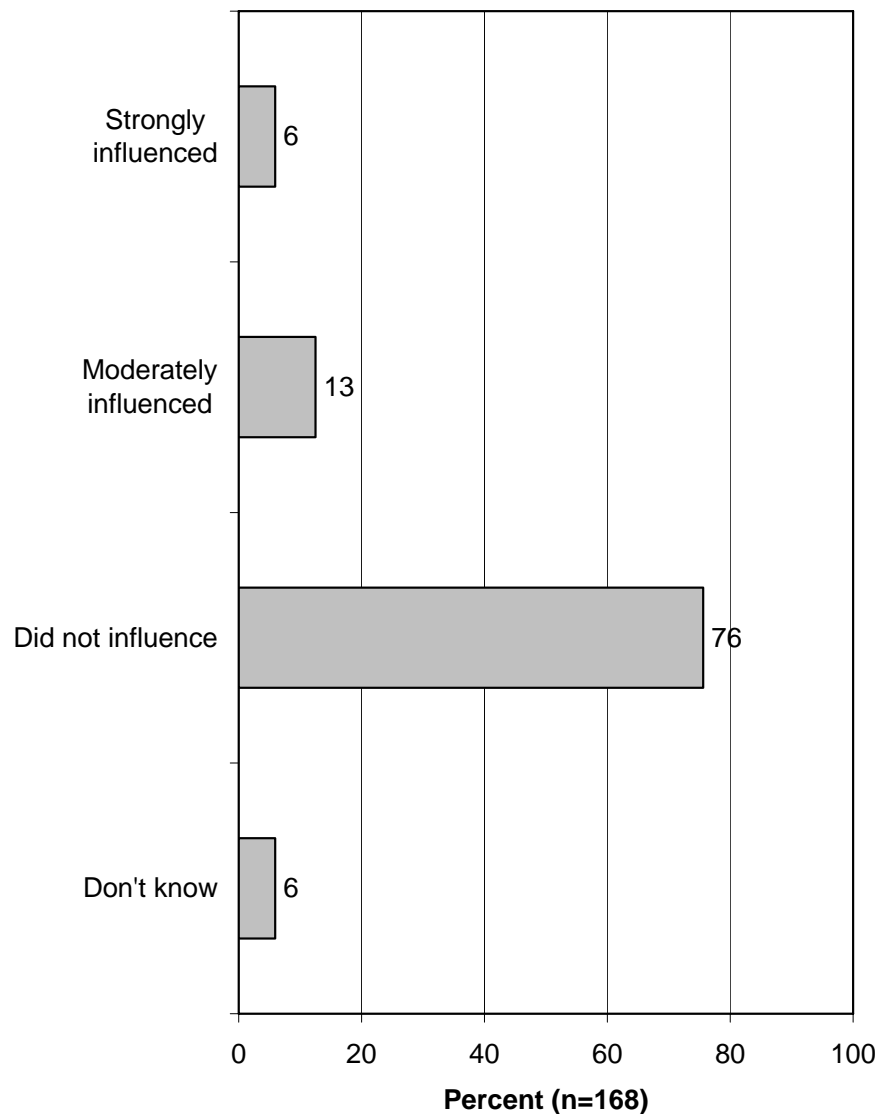


Figure 72. Poor Recreational Opportunities as a Constraining Factor—Intercept Survey

**Q40. Regardless of whether your participation has increased, stayed the same, or decreased, please indicate if poor recreational opportunities influenced you to participate less than you otherwise would have in activities on or in the Ohio River in the past 12 months?
(Intercept Survey)**

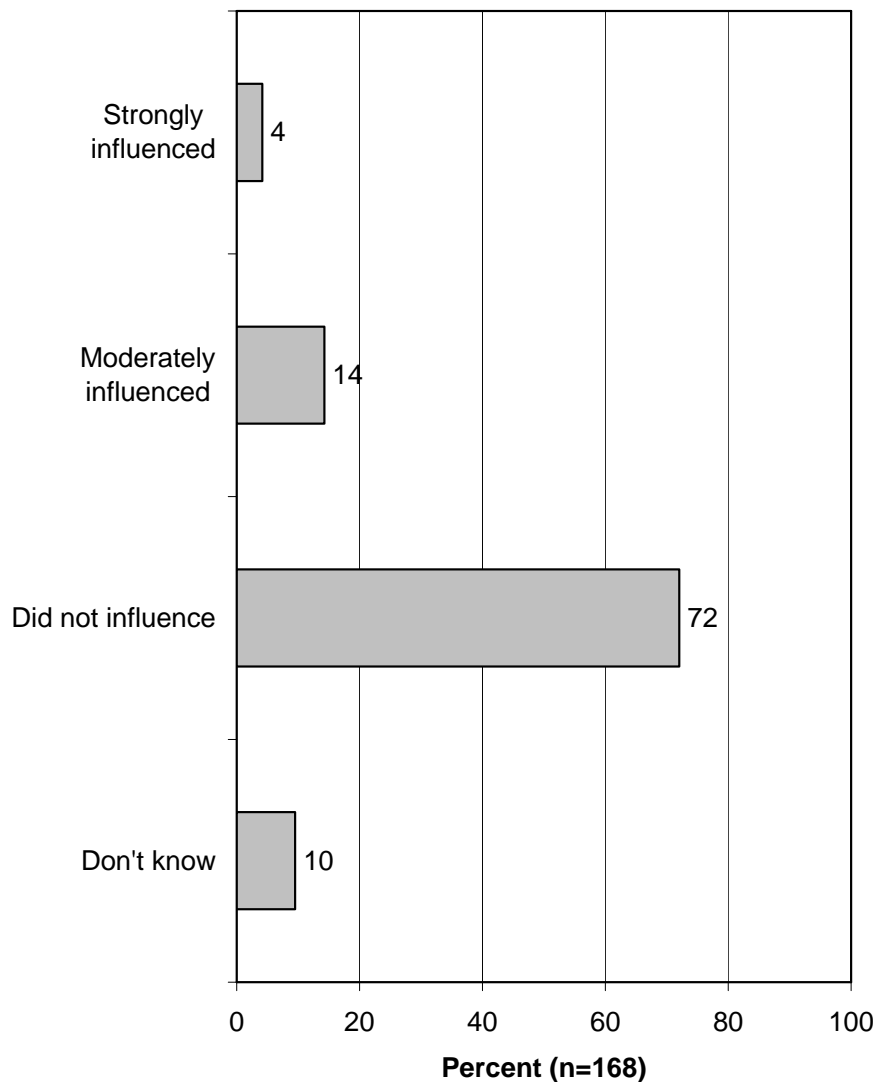


Figure 73. Contaminated Fish as a Constraining Factor—Intercept Survey

**Q41. Regardless of whether your participation has increased, stayed the same, or decreased, please indicate if fish advisories or concern about contaminated fish influenced you to participate less than you otherwise would have in activities on or in the Ohio River in the past 12 months?
(Intercept Survey)**

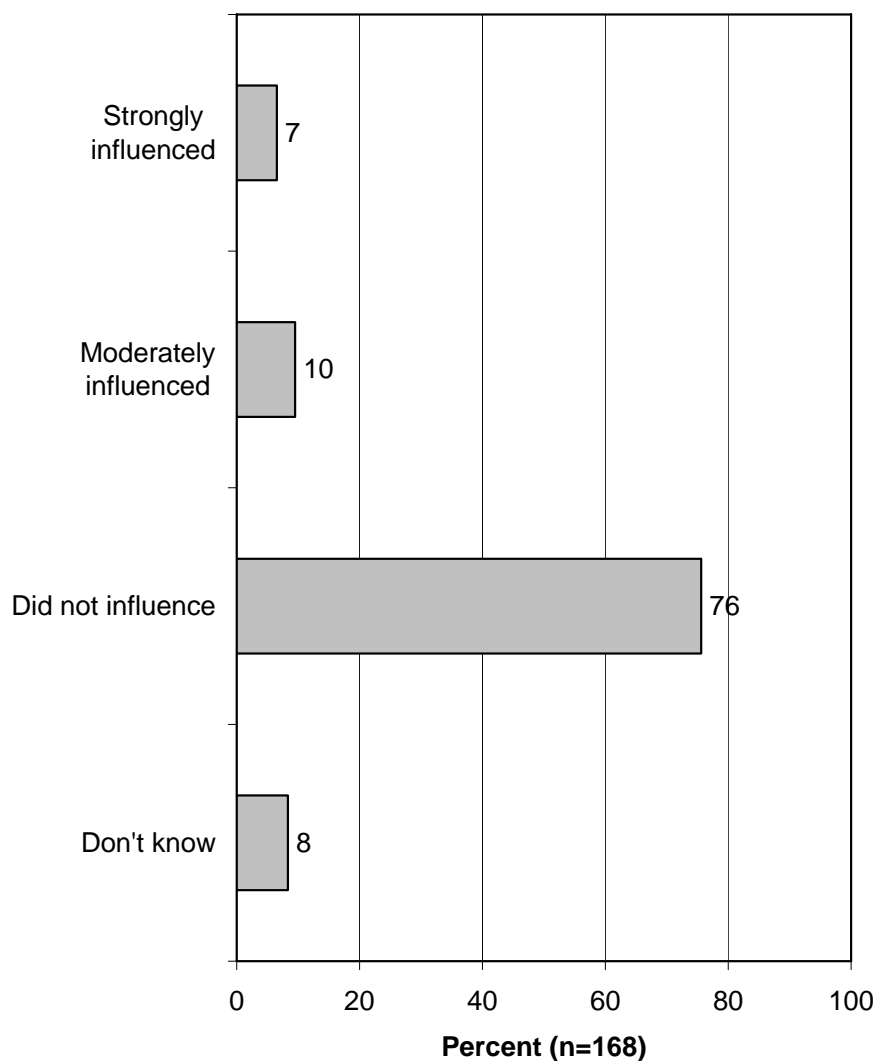


Figure 74. Consumption of Fish from the Ohio River—Intercept Survey

**Q42. Have you eaten fish from the Ohio River in the past 12 months?
(Intercept Survey)**

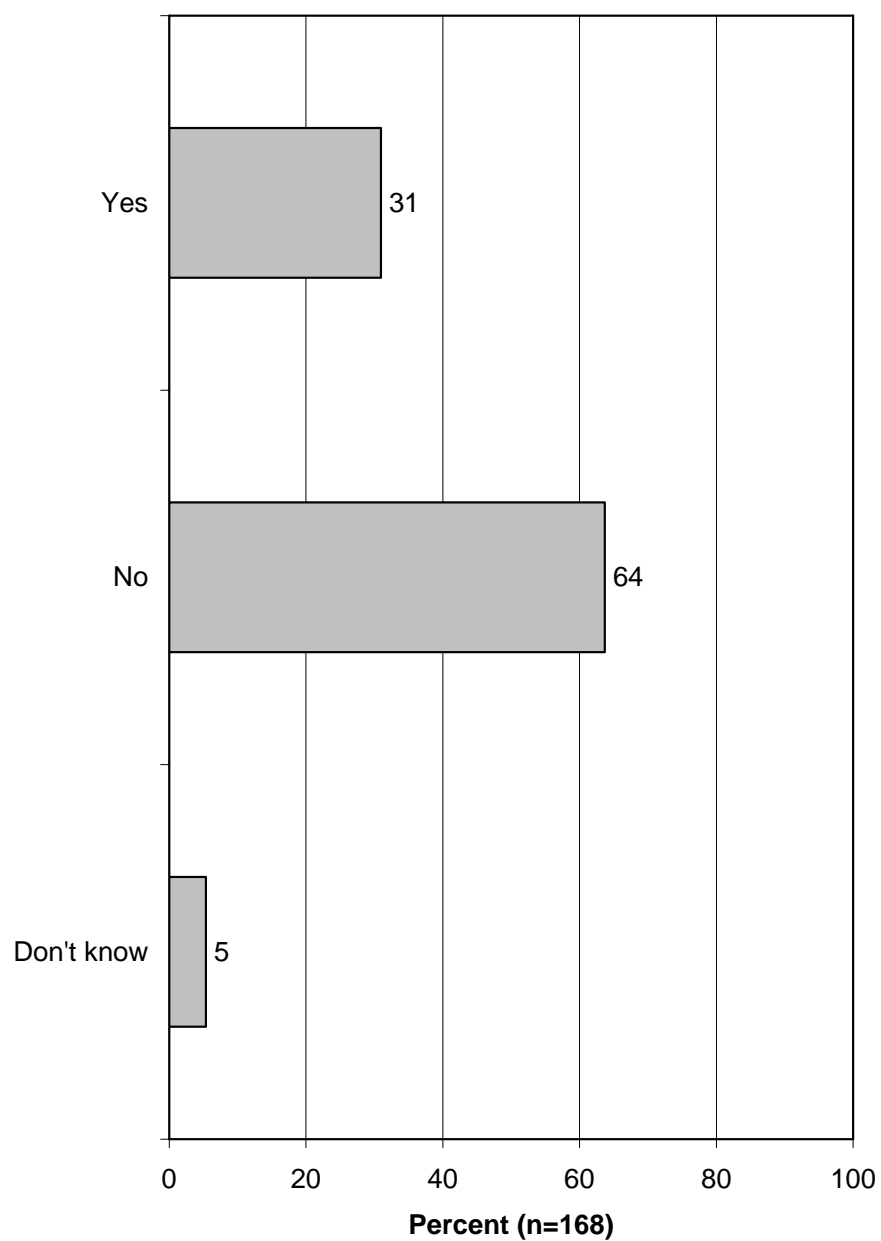


Figure 75. Meals of Fish from the Ohio River—Intercept Survey

Q43. How many meals with fish from the Ohio River would you say you typically ate in the past 12 months?
(Intercept Survey)

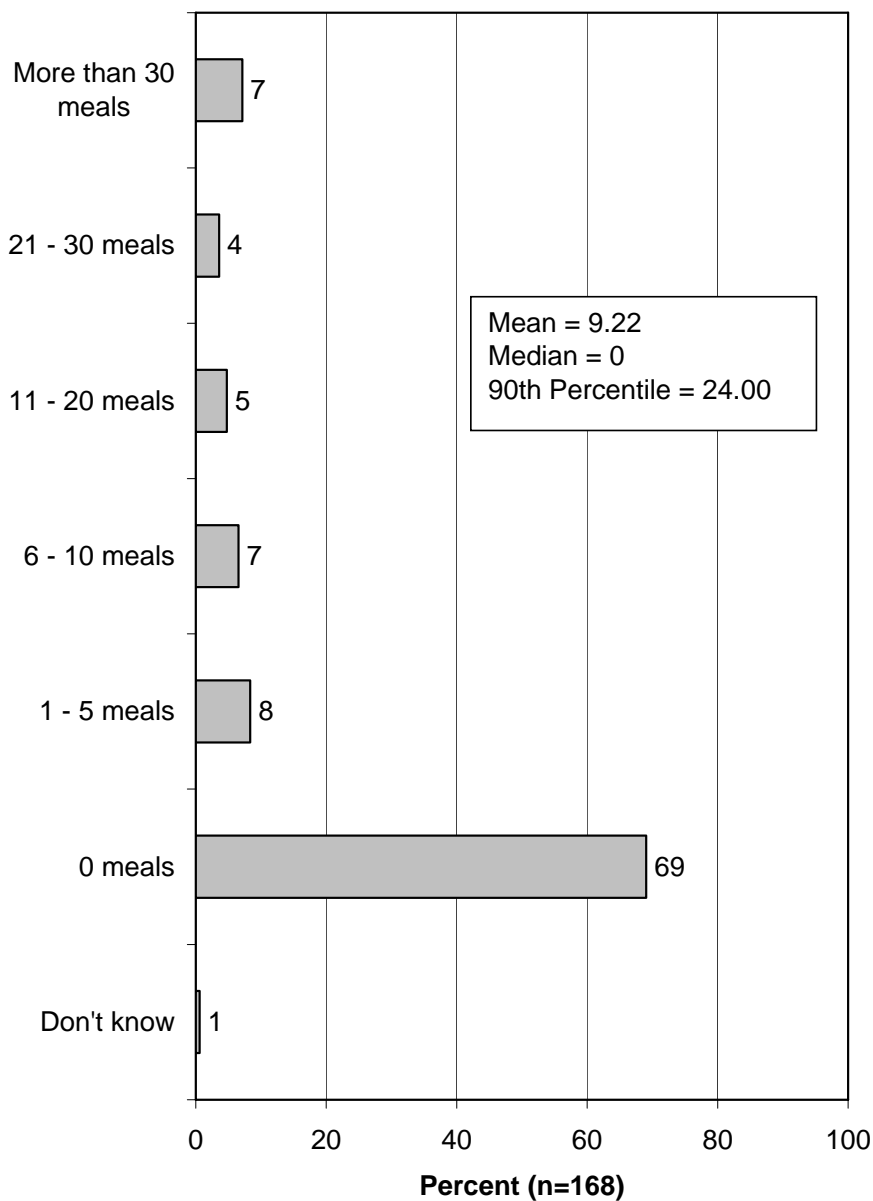


Figure 76. Meals of Fish from the Ohio River Among Those Who Ate Fish—Intercept Survey

Q43. How many meals with fish from the Ohio River would you say you typically ate in the past 12 months? (Asked of individuals who have eaten fish from the Ohio River in the past 12 months.)
(Intercept Survey)

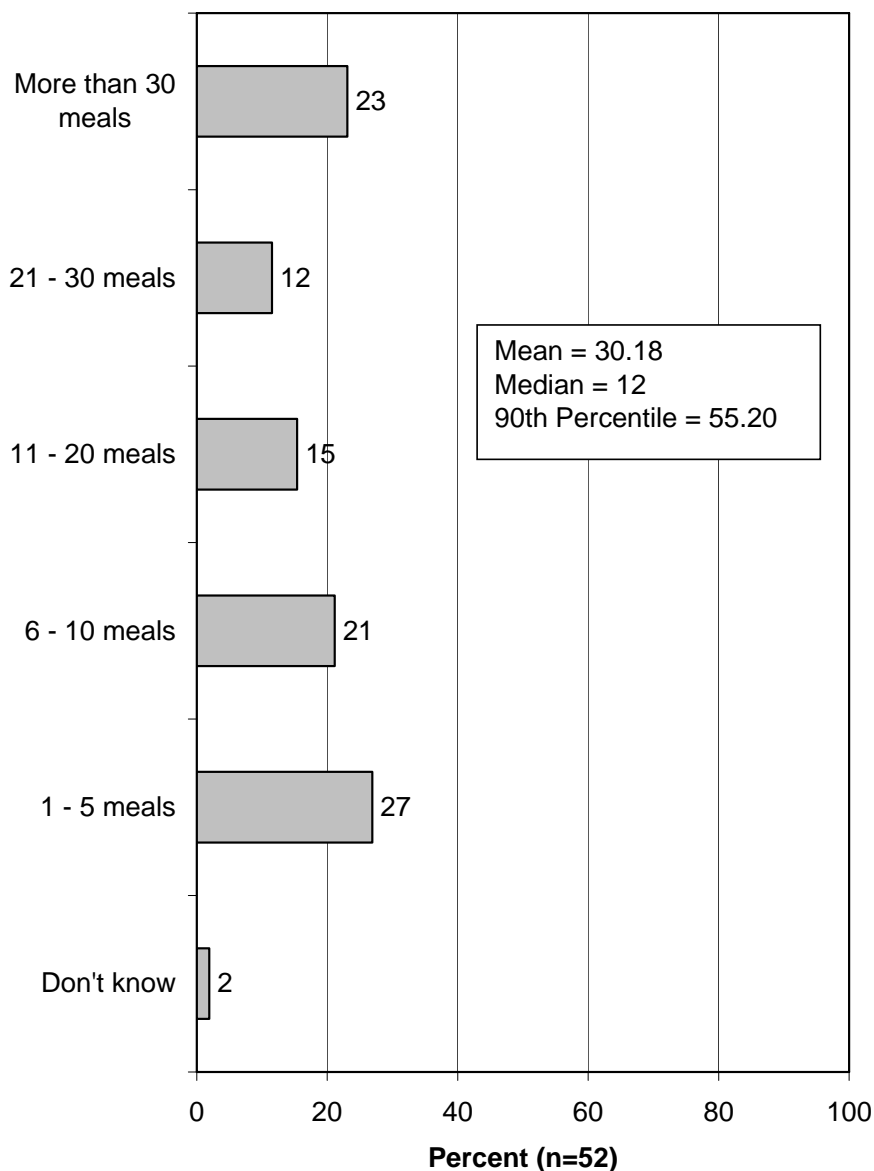


Figure 77. Reasons for Not Eating Fish from the Ohio River—Intercept Survey

Q46. Why did you not eat any meals with fish from the Ohio River in the past 12 months? (Asked of individuals who did not eat any fish from the Ohio River in the past 12 months.)
(Intercept Survey)

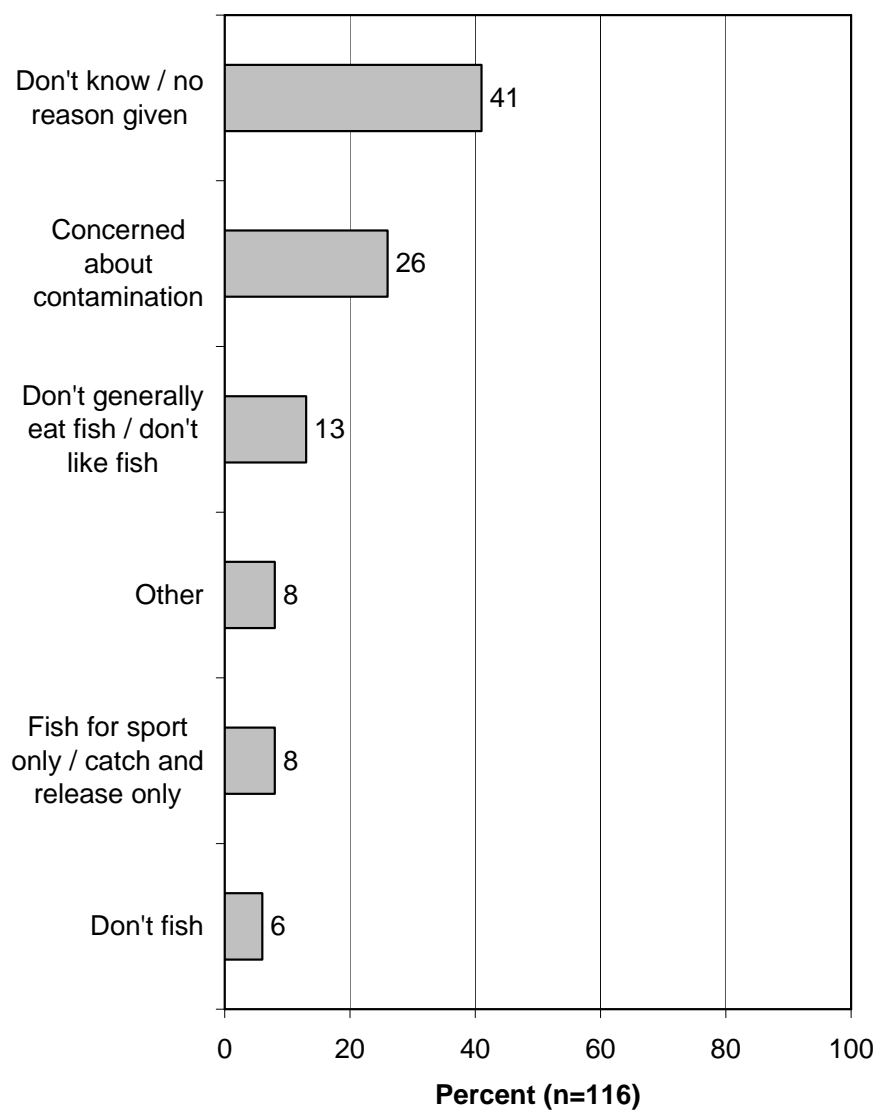


Figure 78. Awareness of Fish Consumption Advisories—Intercept Survey

**Q47. Are you aware of fish consumption advisories issued for the Ohio River fish?
(Intercept Survey)**

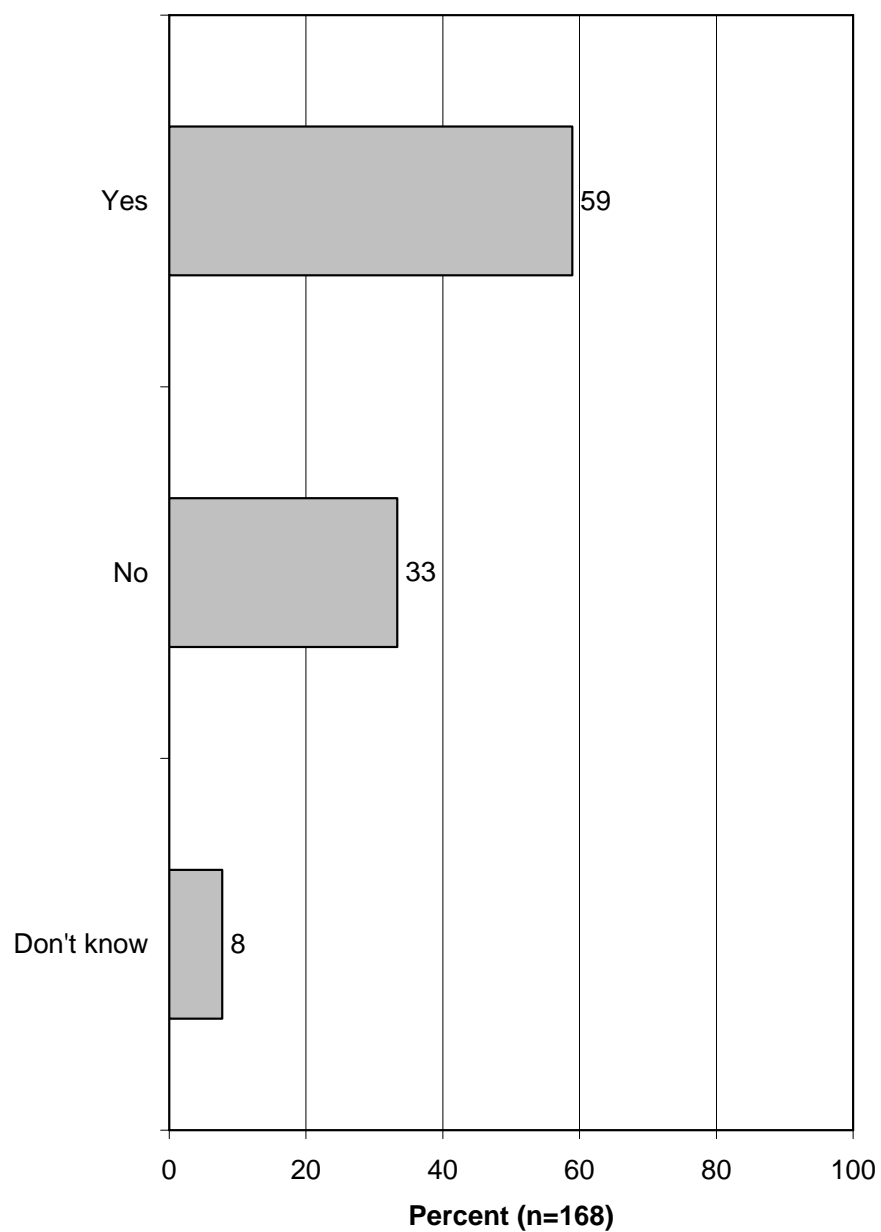


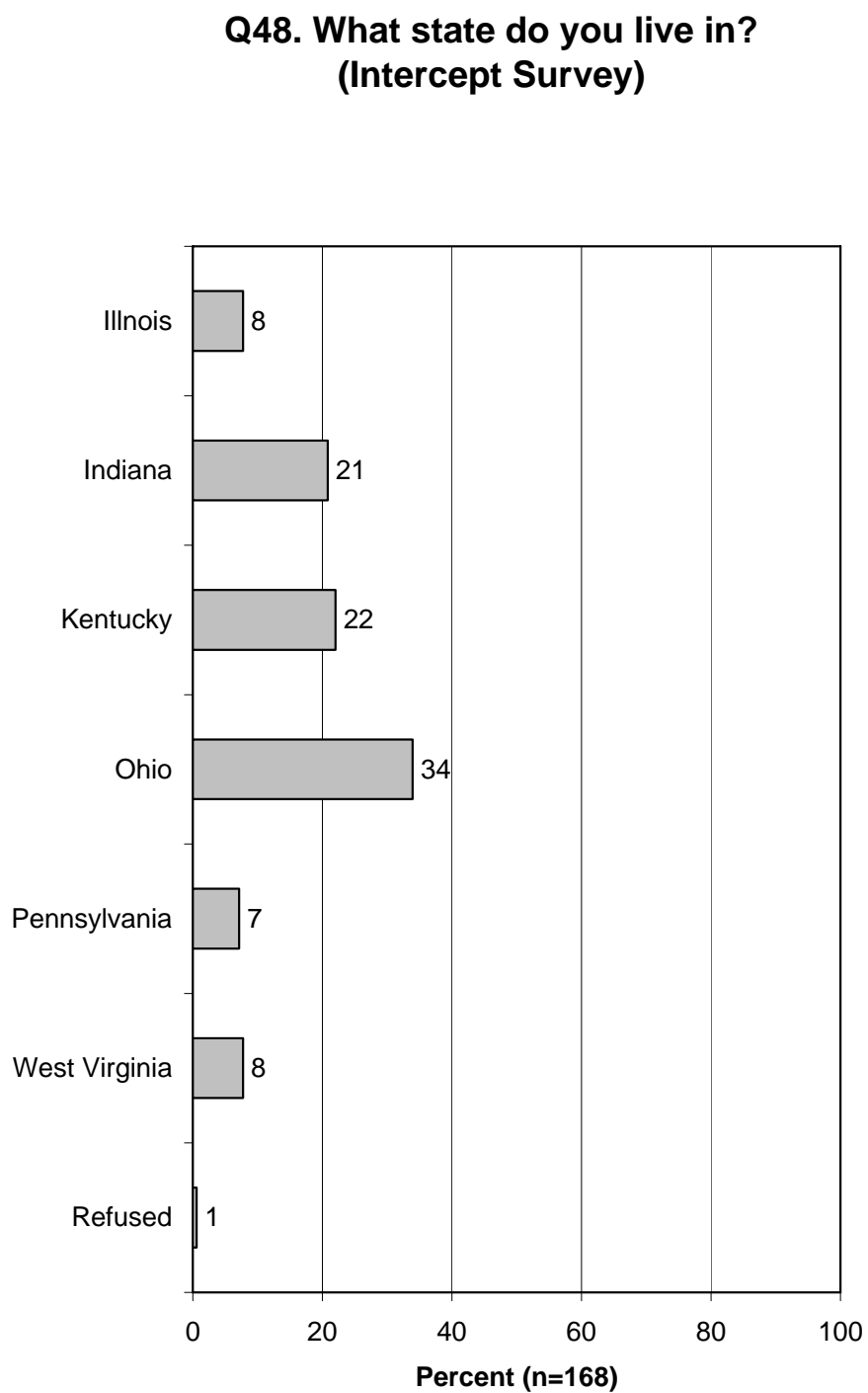
Figure 79. State of Residence—Intercept Survey

Figure 80. Years of Residency—Intercept Survey

**Q49. How many years have you been a resident of the state you live in?
(Intercept Survey)**

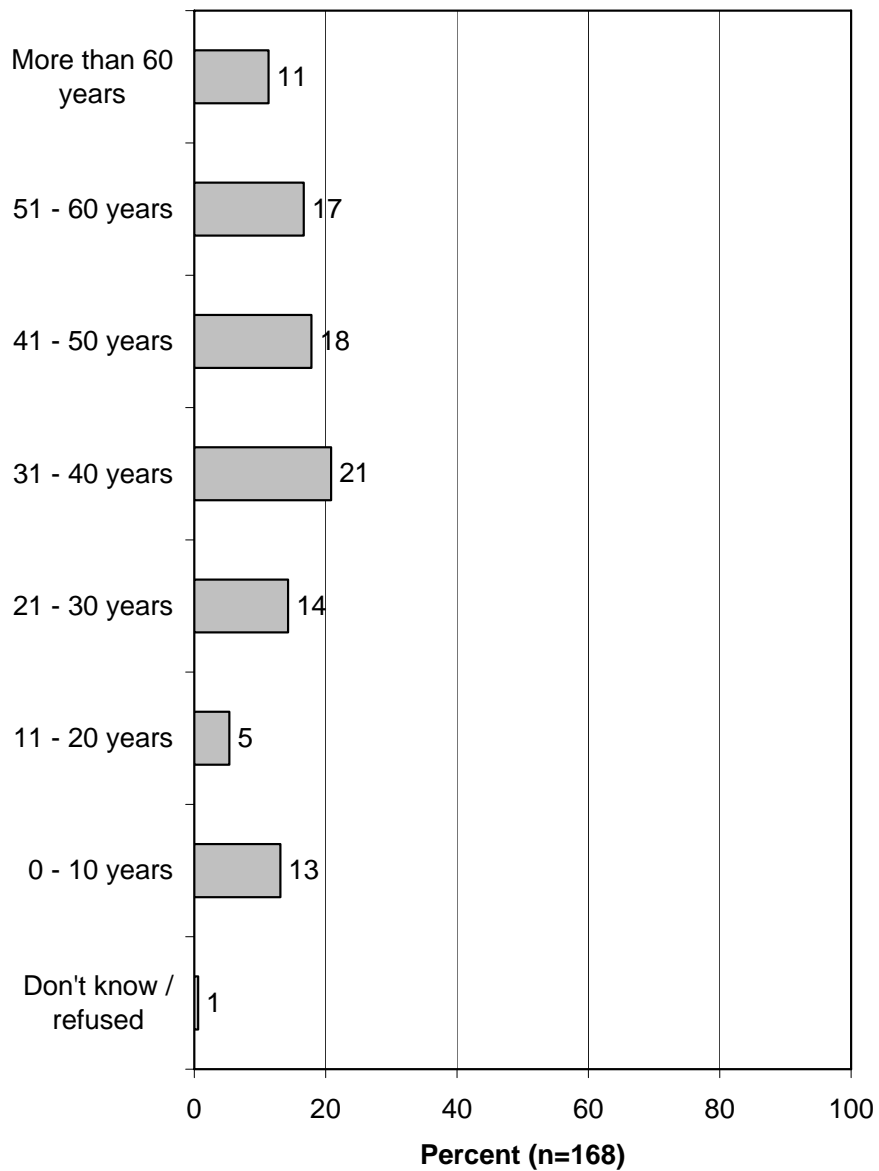


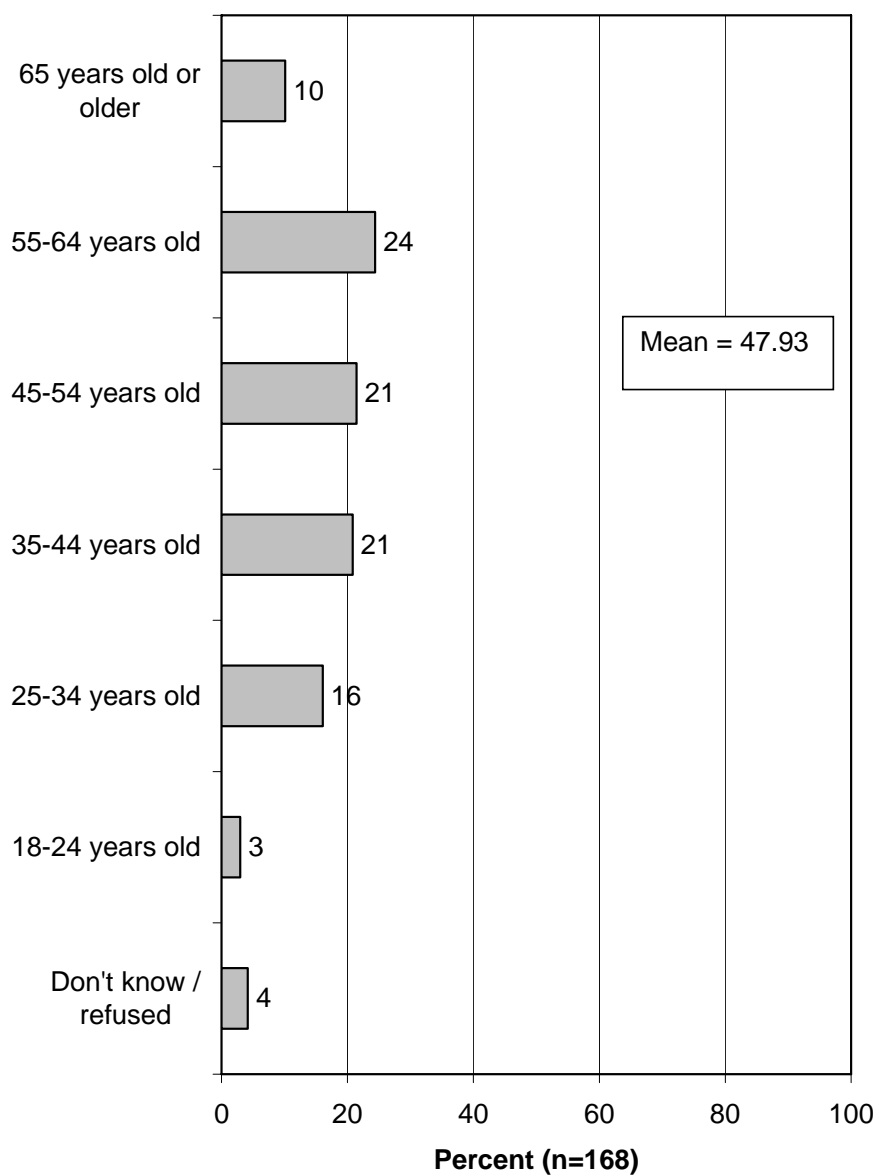
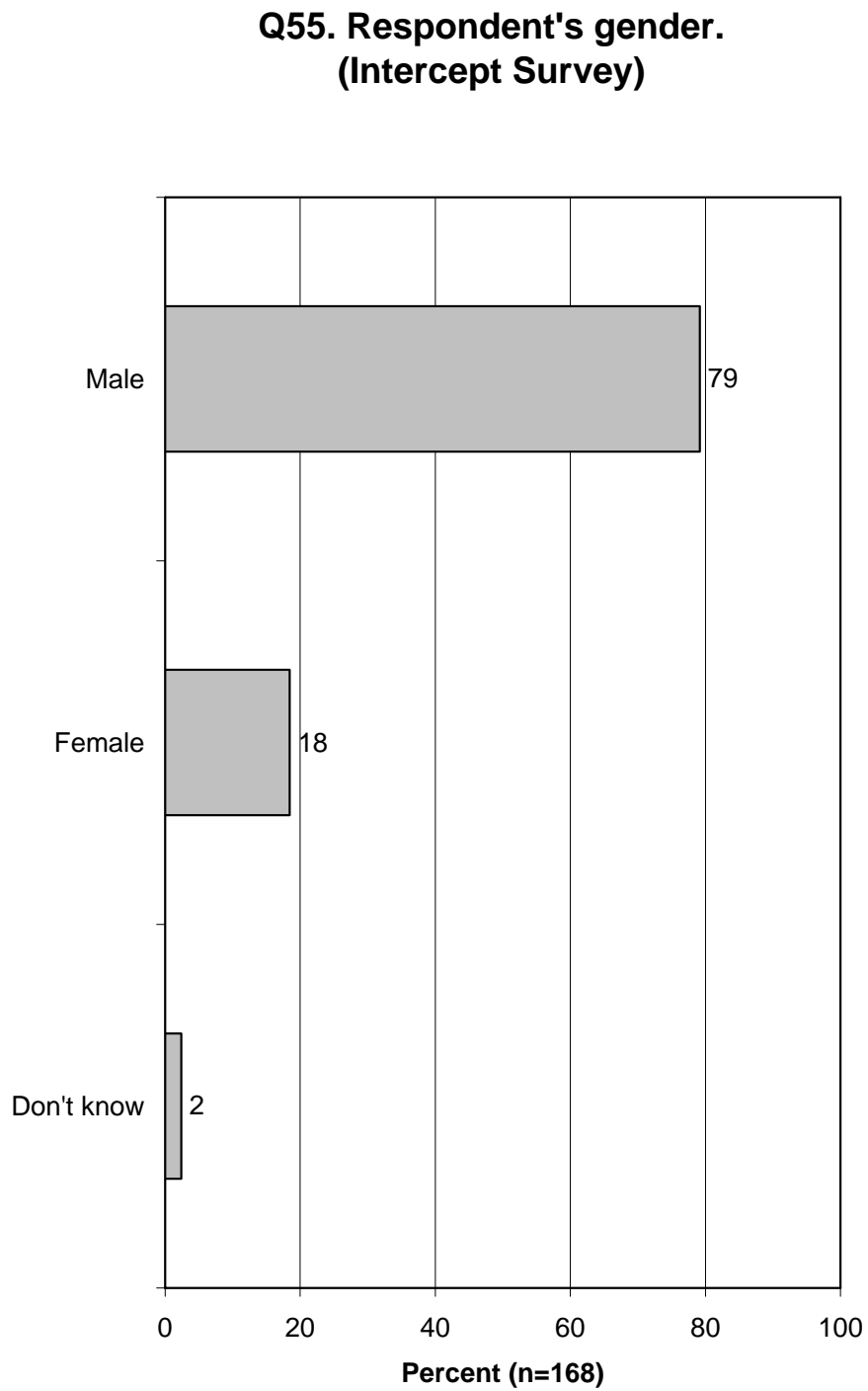
Figure 81. Respondent's Age—Intercept Survey**Q52. Respondent's age.
(Intercept Survey)**

Figure 82. Respondent's Gender—Intercept Survey

FIELD OBSERVATION RESULTS

The graphs that follow (Figures 83 – 96) show the field observation data on their own. As previously discussed in the triangulation section of this report, these results were considered in the overall findings. A summary of the field observation data follows.

- The locations of the field observations are shown in several graphs; they are well-distributed among the various sites along the river. Most field observation sites were at boat ramps, but parks were also prominently included.
- Most observation days were sunny, although observations were also taken on overcast and rainy days. On most of the observation days, the river was at a normal level; on 10% of the observation days, the river was low, and on just 1%, the river was high.
- River access at the observation sites most often included access for power boats.
- Most of the observations found that the access to the river was for recreation (79%); meanwhile, 20% of the observations found that access was for commercial reasons.
- The number of females and males seen at the observation sites is shown. Most commonly, only 1 or 2 people were seen.
- Prominent activities observed include power boating, commercial or government activity (these types of activities were recorded in the observations; they were not included in the telephone or intercept surveys), fishing, and operating personal watercraft.

Figure 83a Location of Field Observations (Part 1)

**Q5. What is the access point or location of the observation?
(Part 1)
(Field Observation)**

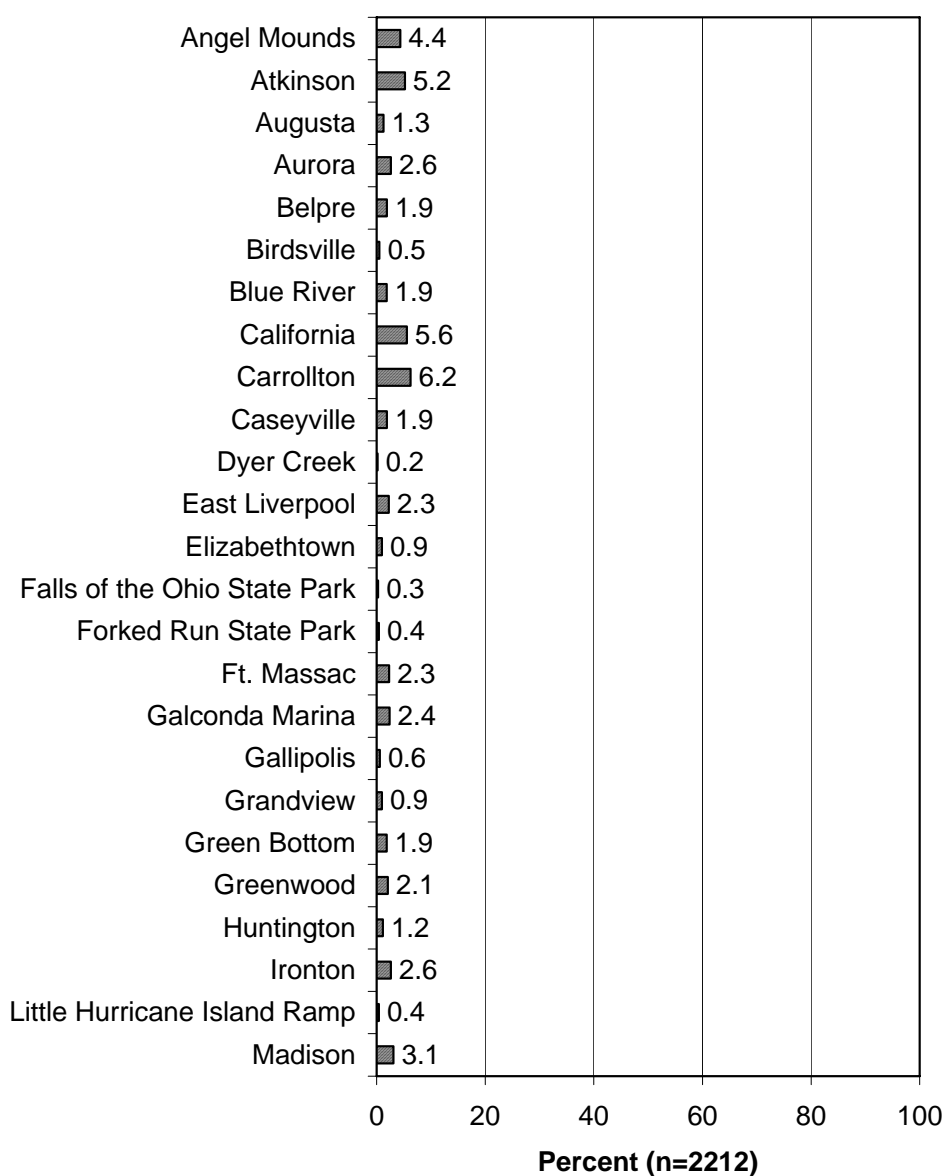


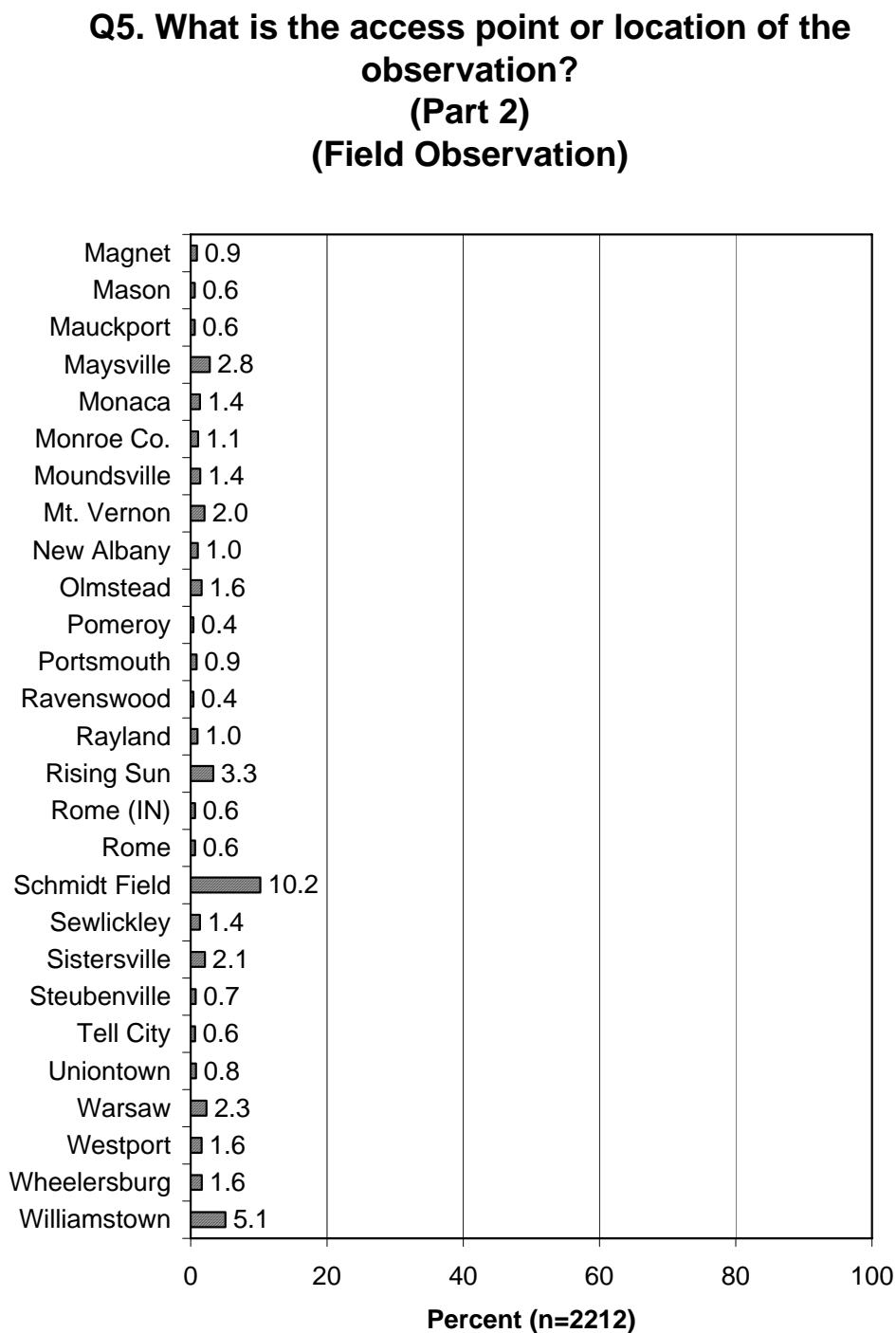
Figure 83b. Location of Field Observations (Part 2)

Figure 84. Location of Field Observations by 50-Mile Segment

**Q6. In what 50-mile segment of the Ohio River did the observation occur?
(Field Observation)**

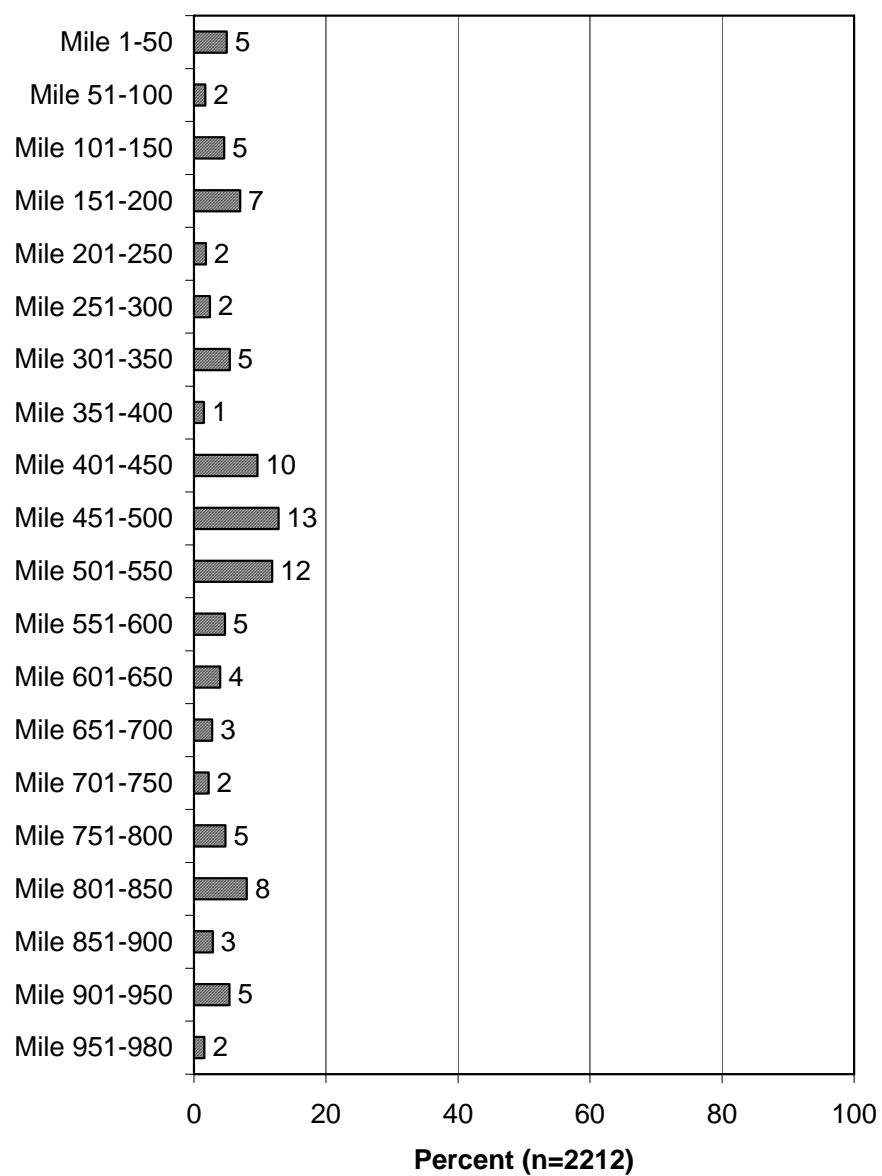


Figure 85. Region of Field Observations

**Q7. In what region of the Ohio River did the observation occur?
(Field Observation)**

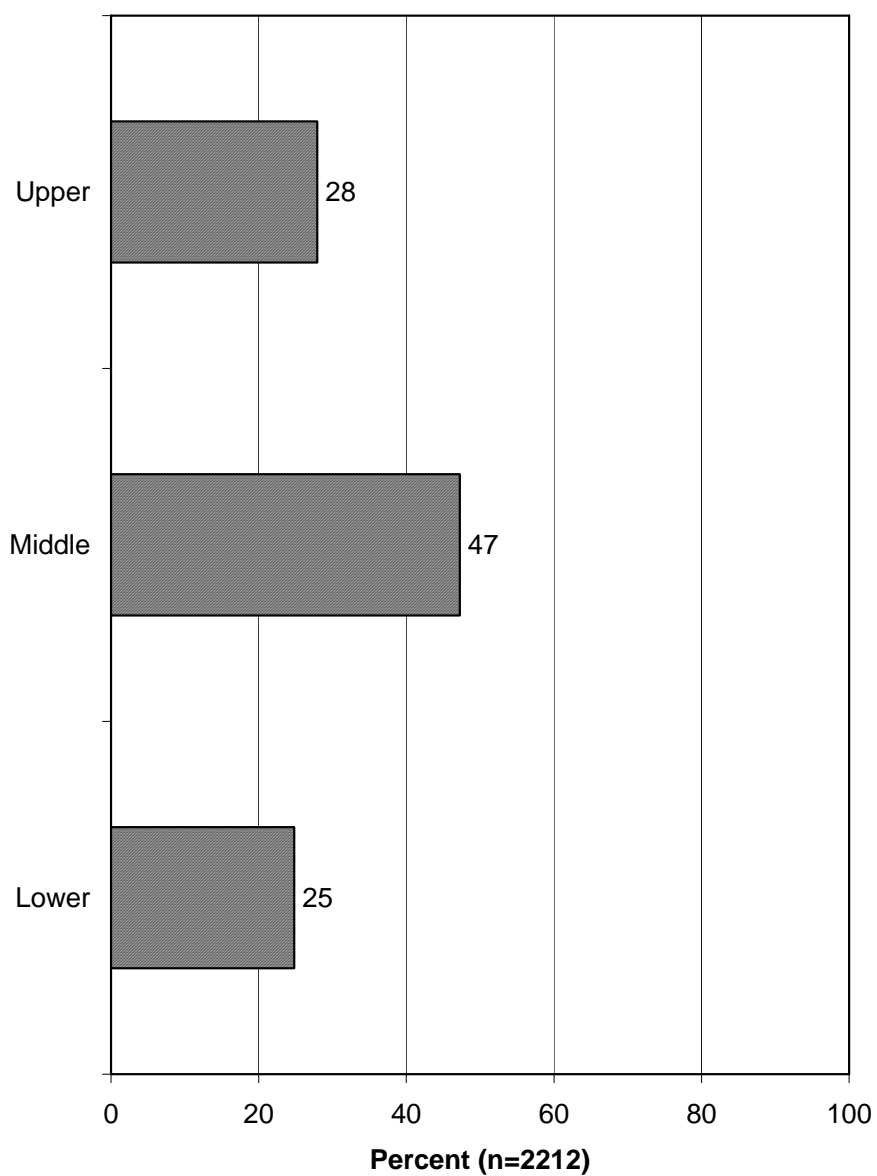


Figure 86. Type of Access of Field Observation Points

**Q9. What type of access does this location
provide?
(Field Observation)**

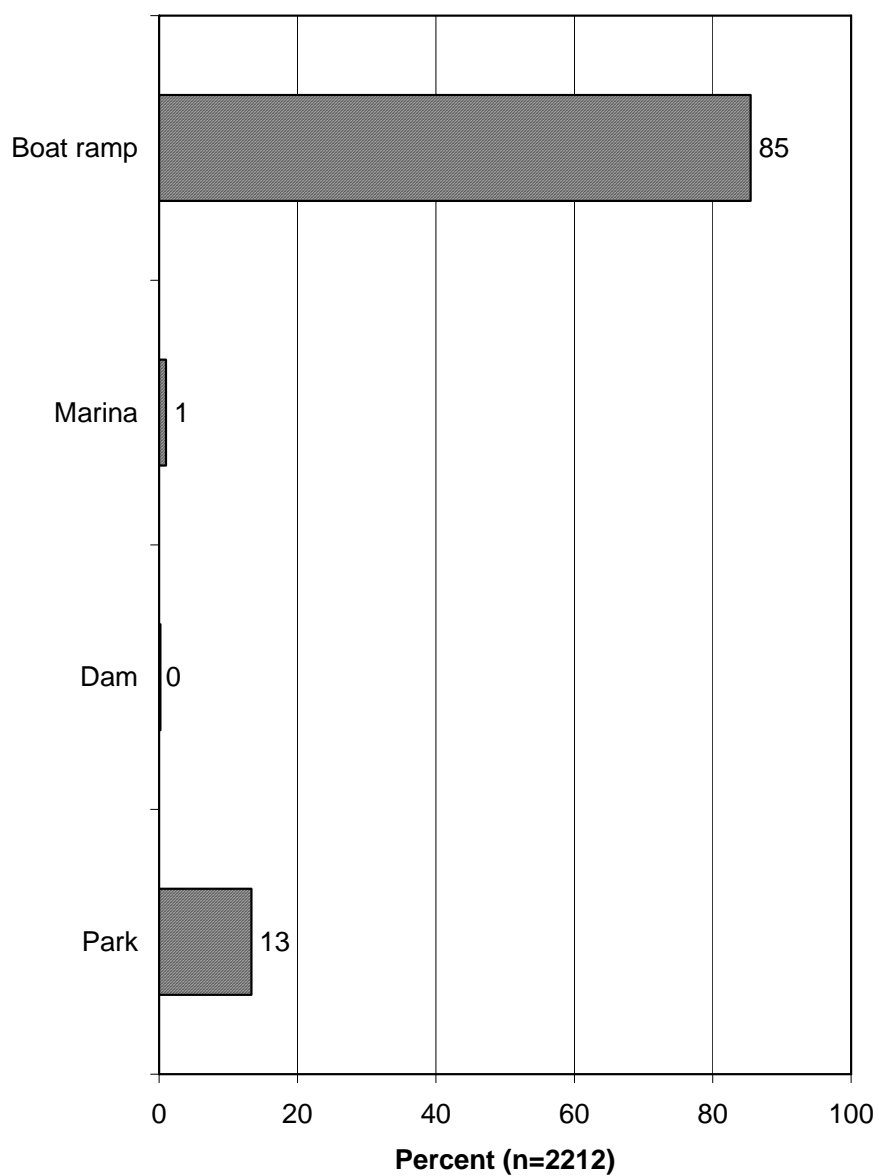


Figure 87. River Level During Field Observations

Q13. How high was the river during the observation?

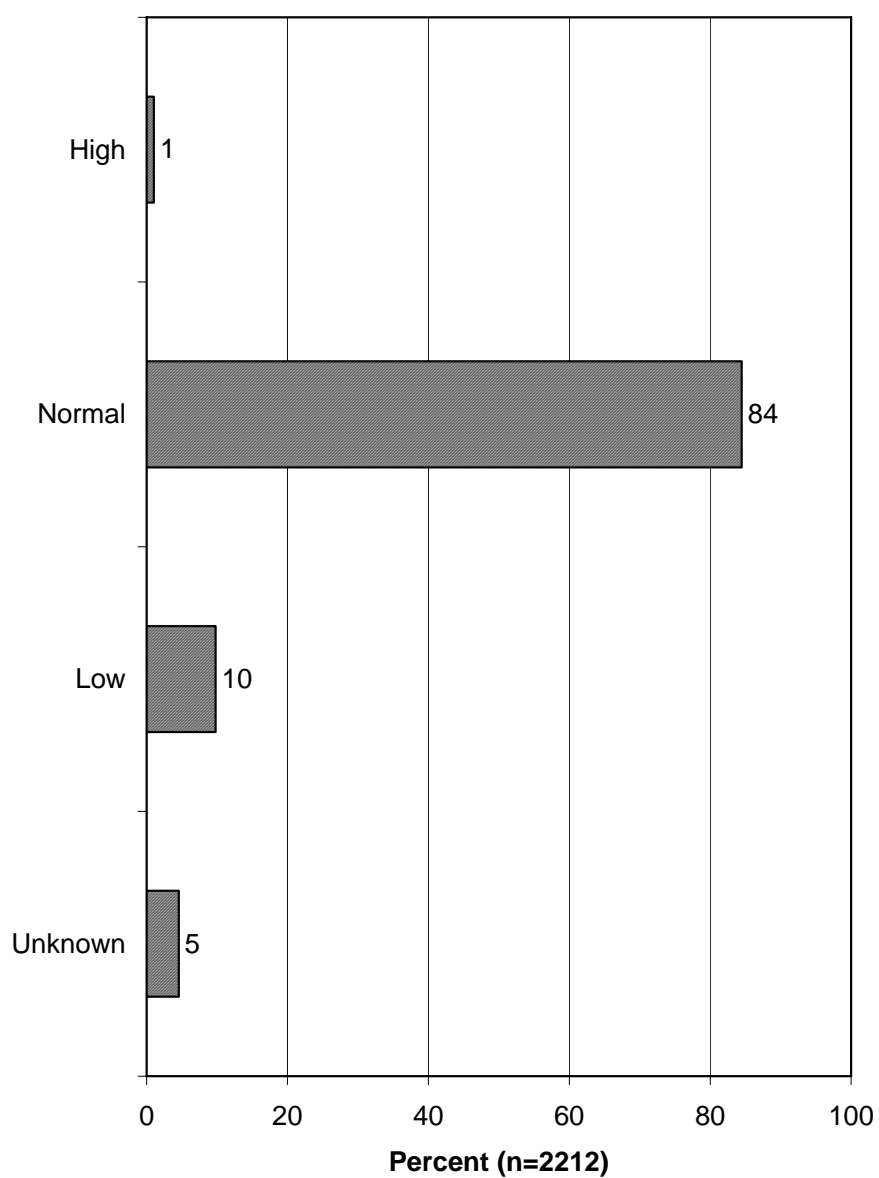


Figure 88. River Conditions During Field Observations

**Q14. What were the river conditions during the observation?
(Field Observation)**

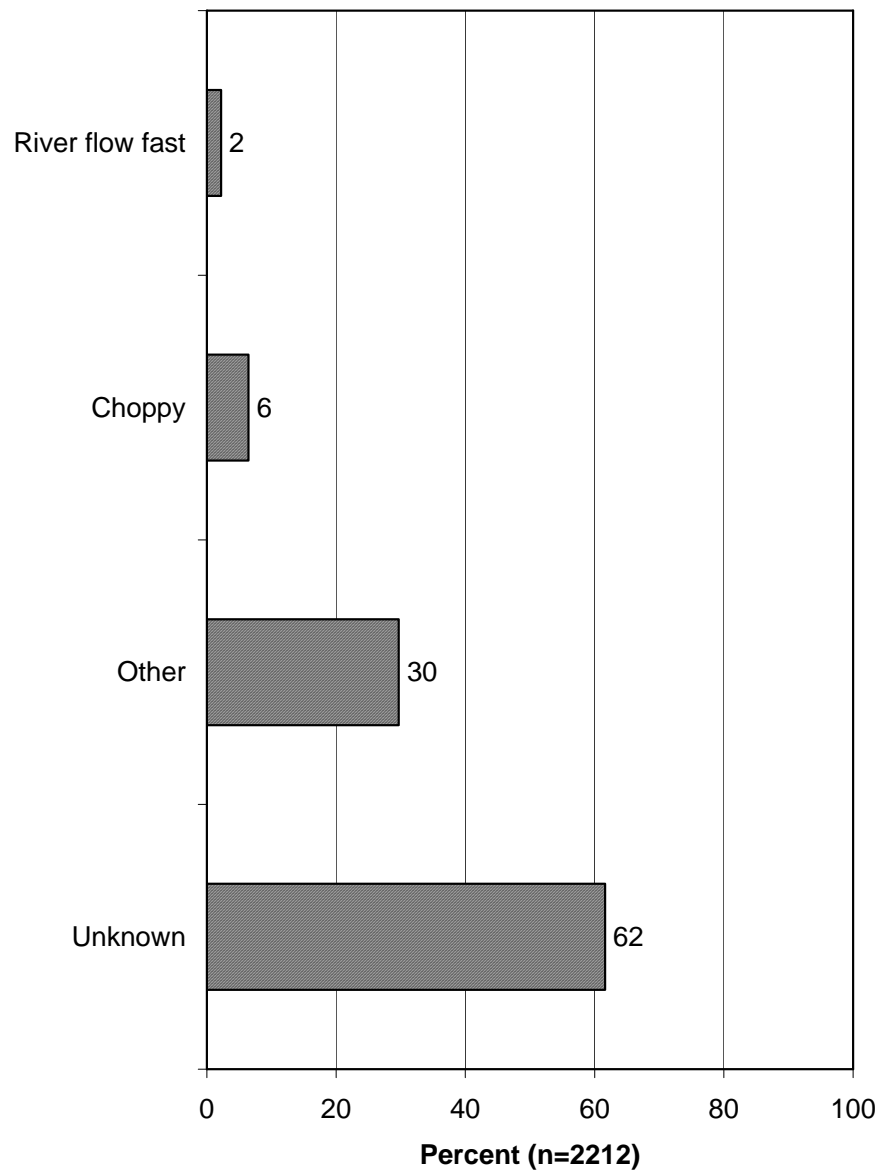


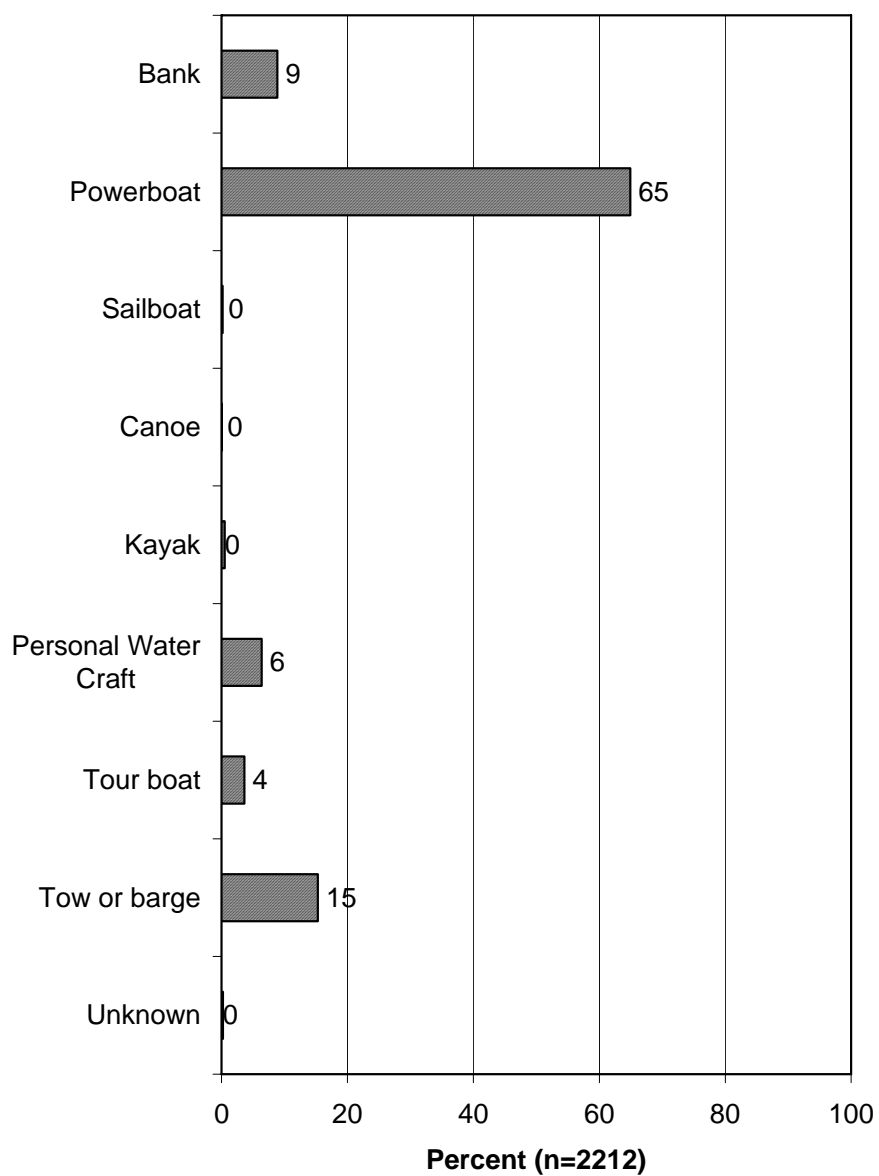
Figure 89. Types of Access that Occurred at Field Observation Points**Q17. What type of access occurred at the location?
(Field Observation)**

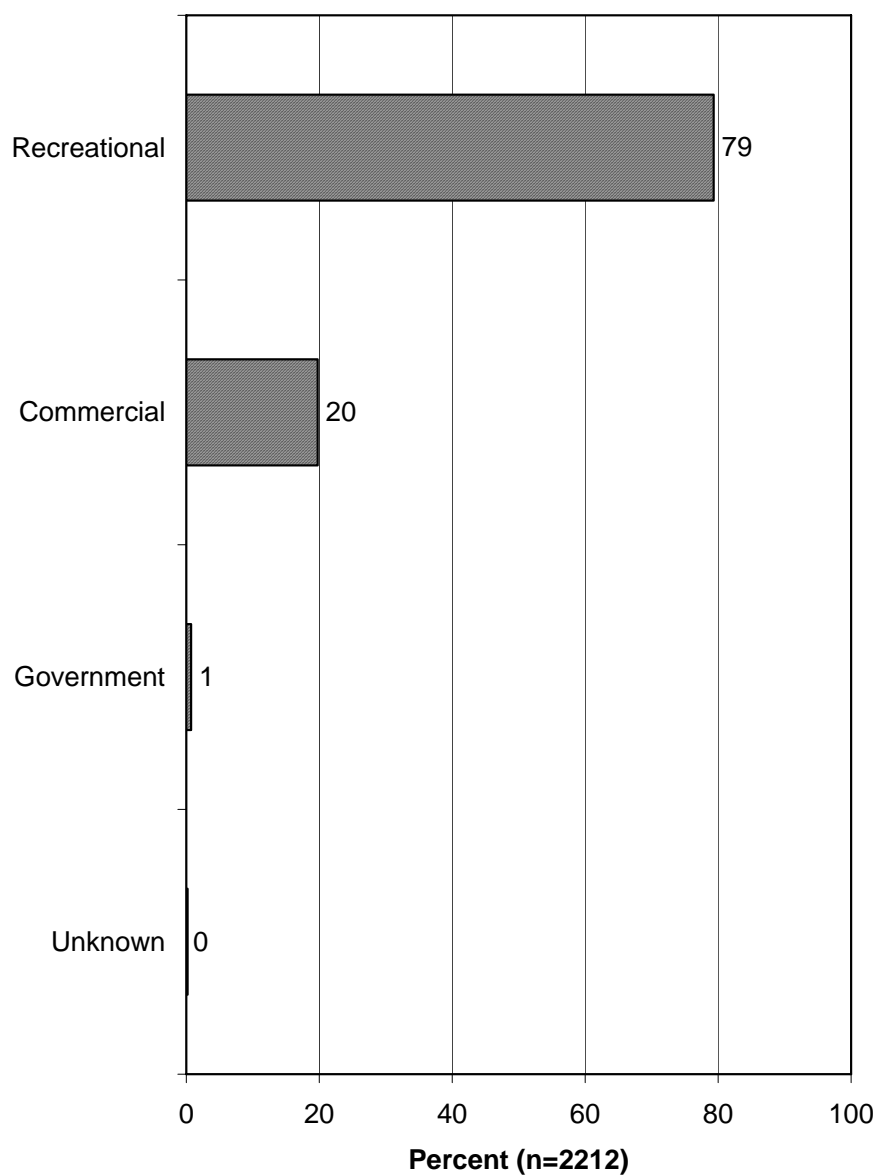
Figure 90. Reasons Site Accessed at Field Observation Points**Q18. Why was the site accessed?
(Field Observation)**

Figure 91. Males Present at Field Observations

**Q19. How many males were at the access site during the observation?
(Field Observation)**

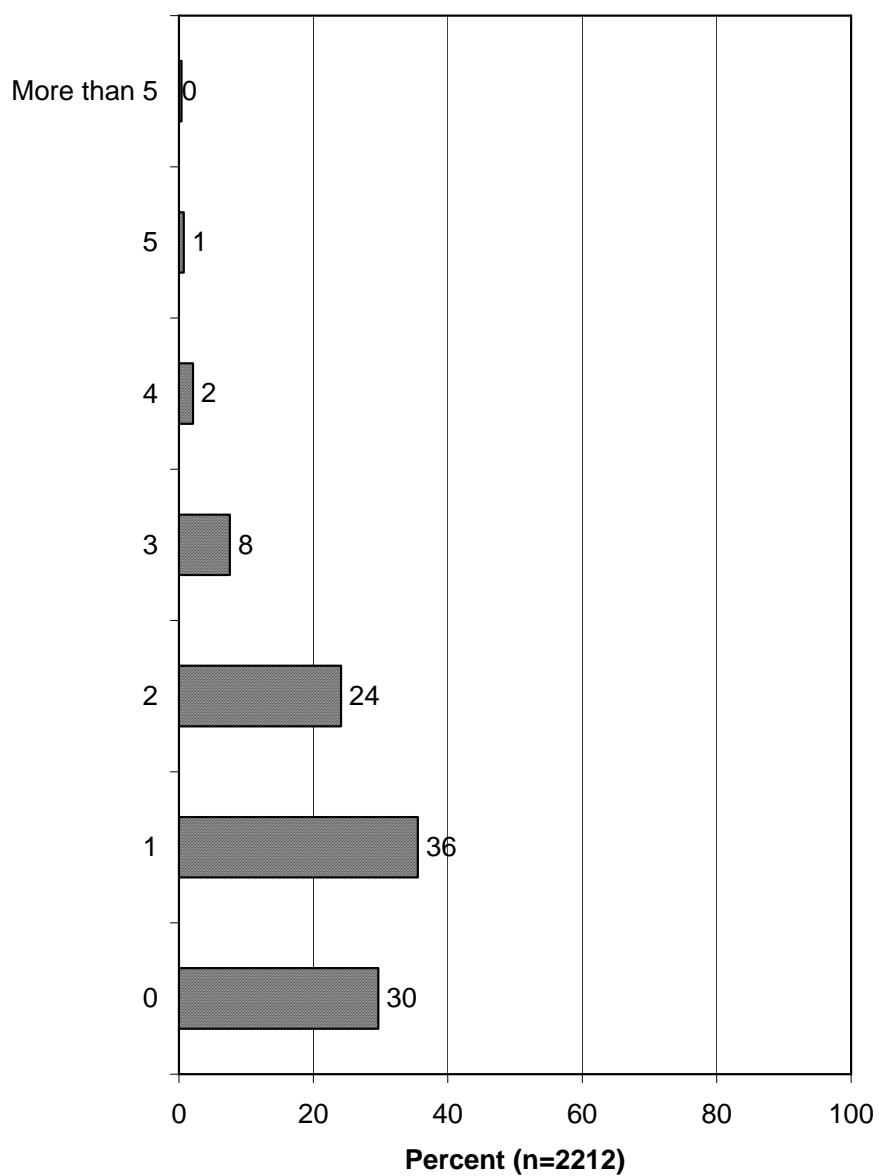


Figure 92. Females Present at Field Observations

**Q20. How many females were at the access site during the observation?
(Field Observation)**

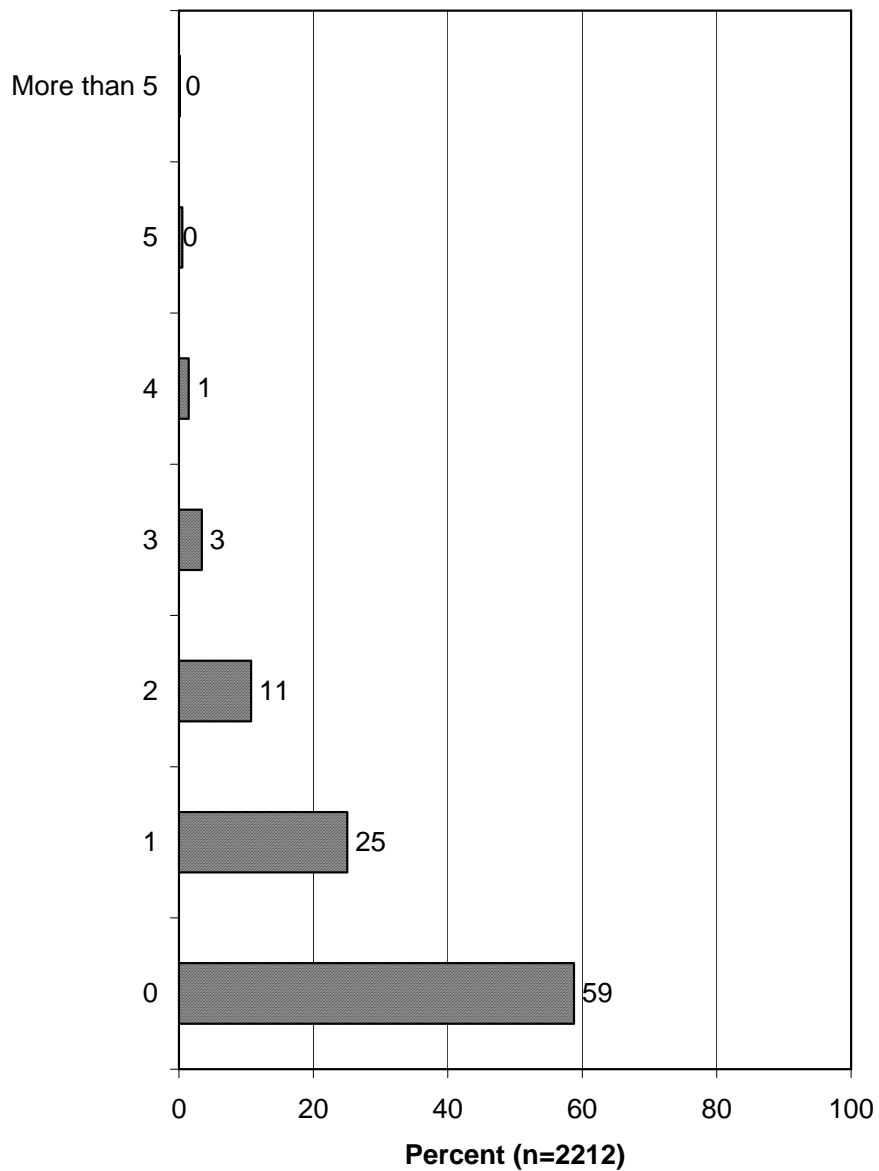


Figure 93. People Present, Gender Undetermined, at Field Observations

**Q21. How many individuals were at the access site that were unidentifiable by gender during the observation?
(Field Observation)**

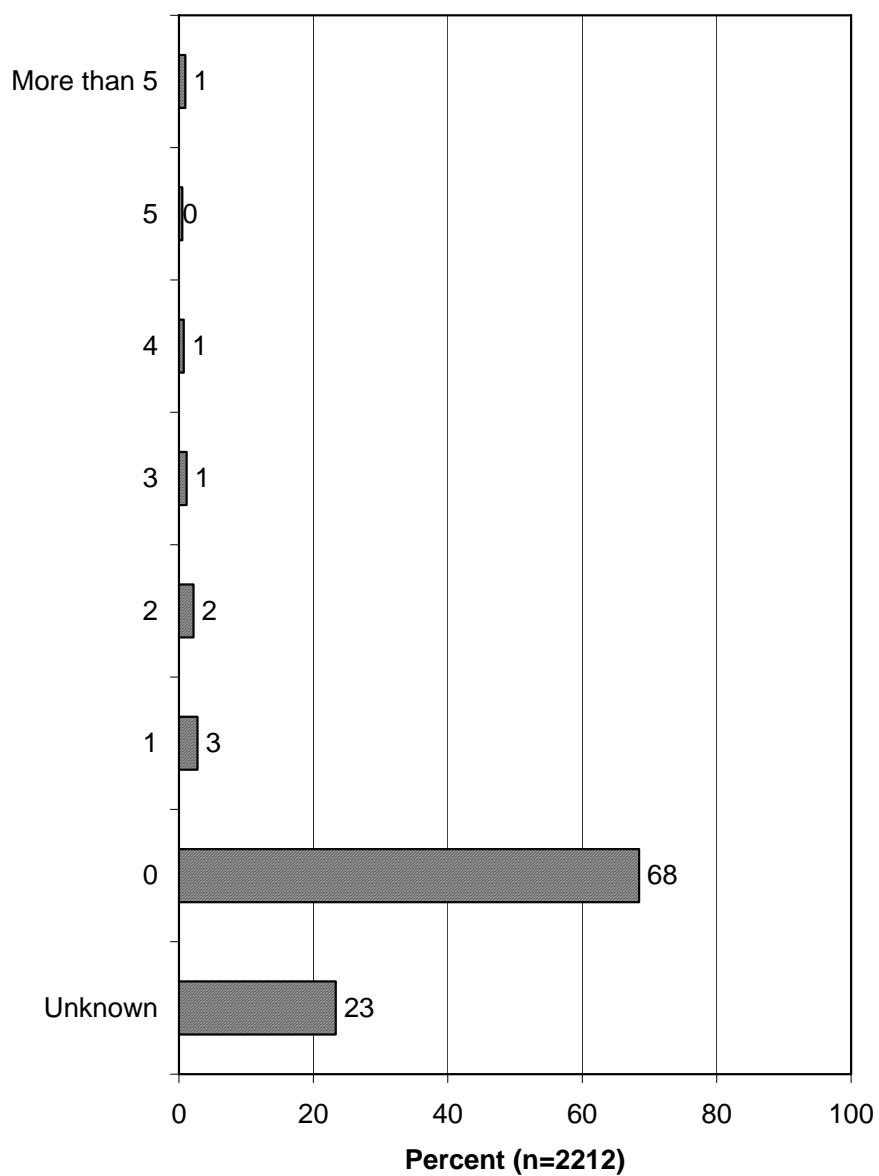


Figure 94. People at Field Observations

**Q22. How many individuals were at the access site during the observation?
(Field Observation)**

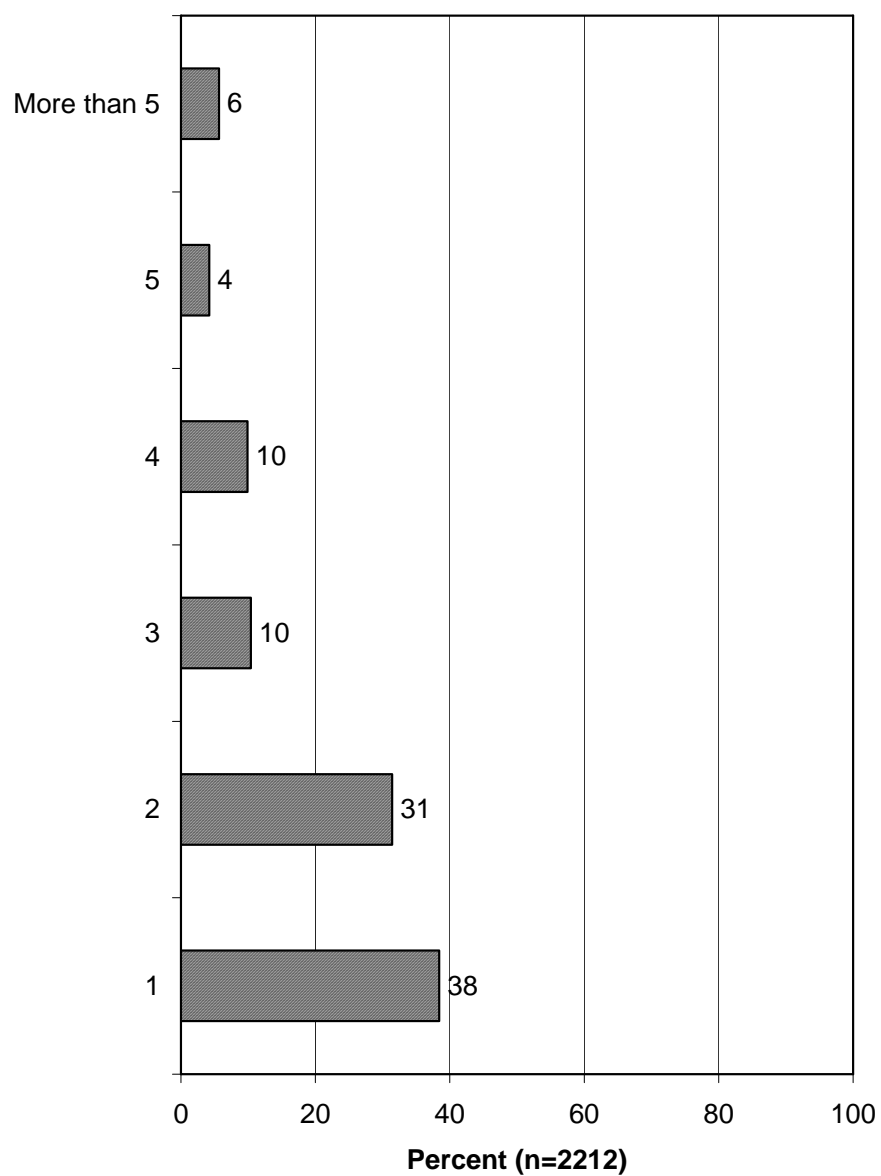


Figure 95. Types of Activities—Field Observations

**Q23. What type of activity occurred on the river
during the observation?
(Field Observation)**

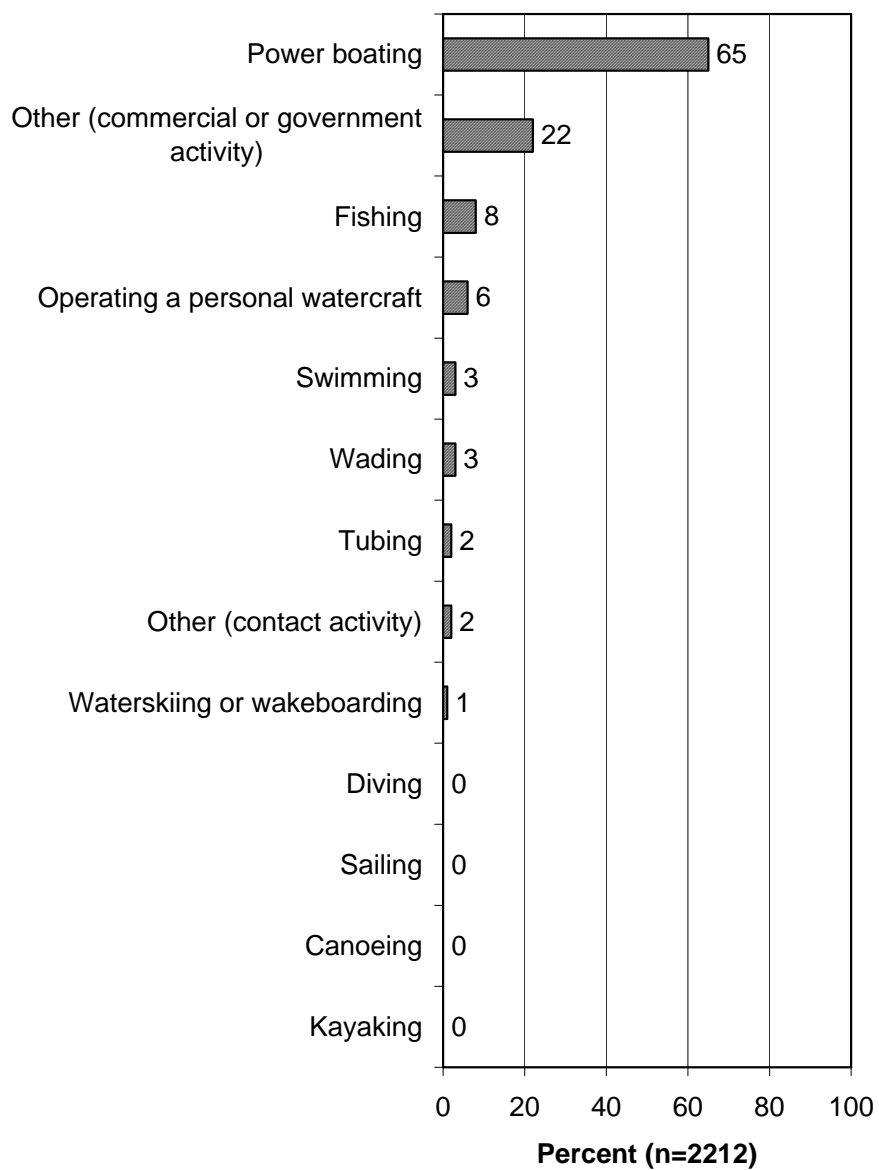
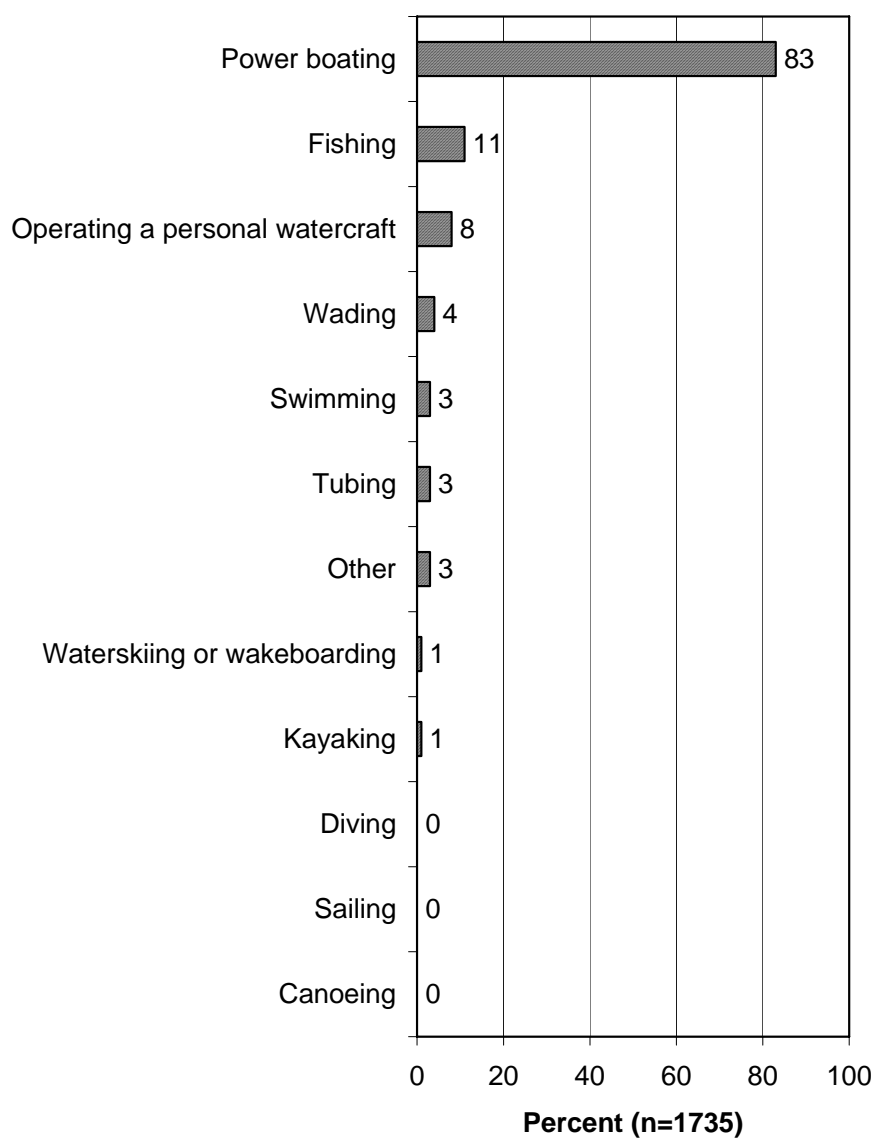


Figure 96. Types of Recreational Activities—Field Observations

**Q23. What type of activity occurred on the river
during the observation?
(Among the recreational observations.)
(Field Observation)**



APPENDIX A: INTERCEPT QUESTIONNAIRE



This study is being conducted for the Ohio River Valley Water Sanitation Commission (ORSANCO) to assess the recreational use of the Ohio River at certain locations, including this one.

Interview ID #: _____

Date: _____ Time: _____ ☐ AM ☐ PM Access Point/Location: _____

Please answer the following questions about the activities in which you participated, or plan to participate, on or in the Ohio River **TODAY**.

→ Did you/will you personally participate in any of the following activities on or in the Ohio River **TODAY**?

(PLEASE CHECK ALL THAT APPLY)

- ☐ Swimming ☐ Waterskiing or wakeboarding ☐ Tubing ☐ Wading ☐ Diving
☐ Fishing ☐ Power boating ☐ Canoeing ☐ Kayaking ☐ Sailing
☐ Operating a personal watercraft (PWC), such as a Jet Ski, Wave Runner, Wet Bike, etc.

→ Did you/will you participate in any other activities on or in the Ohio River **TODAY**? ☐ Yes ☐ No

If yes, what were they? _____

→ Did you access the river from this site or another location to participate in these activities **TODAY**?

- ☐ Current site ☐ Another location

(If you accessed the river from another location): From which specific access site or location did you access the Ohio River to participate in these activities **TODAY**?

→ How far, in miles, did you travel UPSTREAM on the river from where you accessed the river to participate in these activities **TODAY**? _____ miles

→ How far, in miles, did you travel DOWNSTREAM on the river from where you accessed the river to participate in these activities **TODAY**? _____ miles

Please answer the following questions about the activities in which you participated on or in the Ohio River **IN THE PAST 12 MONTHS**.

→ In which months did you participate in recreational activities **involving full body immersion** in the Ohio River **or accidental ingestion** of Ohio River water **IN THE PAST 12 MONTHS** (circle all that apply):

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

→ In which months did you participate in recreational activities **involving incidental contact** (but not full body immersion or ingestion) with Ohio River water **such as wading, boating, fishing** **IN THE PAST 12 MONTHS** (circle all that apply):

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

— OVER —

- In comparison to your participation in the previous 5 years, would you say your participation in activities on or in the Ohio River has increased, stayed about the same, or decreased **IN THE PAST 12 MONTHS?** (CHECK ONLY ONE ANSWER):

☐ Increased ☐ Stayed the same ☐ Decreased ☐ Don't know

- Regardless of whether your participation has increased, stayed the same, or decreased, please indicate if each of the following factors influenced you **TO PARTICIPATE LESS** than you otherwise would have in activities on or in the Ohio River **IN THE PAST 12 MONTHS** (check one box in every row):

Factors	Strongly influenced	Moderately influenced	Did Not influence	Don't know
Time of year or the season	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cold temperatures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
River flow rate (e.g., water flow too fast)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High water level	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Low water level	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Muddy or dirty water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Condition of river following rain	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High or unsafe bacteria levels of river	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pollution other than bacteria	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Crowding on the river	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Poor or unsafe behavior of other people or boat and watercraft operators on the river	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Costs associated with river activities, such as equipment, licenses, training, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fuel costs to travel to river access and/or to operate boat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Travel distance to river access	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Poor recreational opportunities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fish advisories or concern about contaminated fish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- Have you eaten fish from the Ohio River **IN THE PAST 12 MONTHS?** ☐ Yes ☐ No ☐ Don't know

- How many meals with fish from the Ohio River would you say you typically ate **IN THE PAST 12 MONTHS?**
 ____ meals per ☐ week ☐ month ☐ year (PLEASE CHECK ONE)

(If you did not eat any meals with fish from the Ohio River **IN THE PAST 12 MONTHS**, why? (fill in blank))

- Are you aware of fish consumption advisories issued for Ohio River fish? ☐ Yes ☐ No ☐ Don't know

The final questions are for background information and help us analyze the results.

- What state do you live in and how long have you lived there? State: _____ Years: _____

- What county do you live in? _____

- What is your age? _____ → What is your gender? ☐ Male ☐ Female

That's the end of the survey. Thank you for your time and cooperation. If you have any additional comments, please write them here.

APPENDIX B: OBSERVATION FORM

OHIO RIVER VALLEY WATER SANITATION COMMISSION
5735 Kellogg Avenue
Cincinnati, OH 45228-1112
(513) 231-7719 (800)-733-0174

ORSANCO
OHIO RIVER SANITATION AUTHORITY

ORSANCO Contact Recreation Use Study
Ground Survey Observation Data Collection Form

Date: _____ Start Time (24hr): _____ End Time (24hr): _____ Event Page _____ of _____ Hour (circle one) 1 2 3 4
Access Point(s): _____ Last Log _____ Supervisor Name: _____

Type of Access: ☐ Boat Ramp ☐ Marina ☐ Dam ☐ Park ☐ Other _____

Weather (CHECK ALL THAT APPLY) ☐ Sunny ☐ Partly Cloudy ☐ Overcast ☐ Fog ☐ Snow ☐ Mist ☐ Drizzle ☐ Rain ☐ Showers ☐ Thunderstorms ☐ Other _____

Temperature (CHECK ONE) ☐ Hot ☐ Warm ☐ Mild ☐ Cool ☐ Cold ☐ Humidity (CHECK ONE) ☐ Dry ☐ Low Humidity ☐ Mid Humidity ☐ High Humidity

River Level (CHECK ONE) ☐ High ☐ Normal ☐ Low

River Conditions (CHECK ALL THAT APPLY) ☐ River flow fast ☐ Choppy ☐ Muddy ☐ Other _____

Event Notes: _____

Access/Boat Type: Bank, Power, Sail, Canoe, Obs # Kayak, PWC, Tow, Tour	Recreational Commercial Government	Male	Female	Unknown	Swimming	Fishing	Waterskiing	Tubing	Wading	Diving	Other	Notes
1	REC COMM G/T											
2	REC COMM G/T											
3	REC COMM G/T											
4	REC COMM G/T											
5	REC COMM G/T											
6	REC COMM G/T											
7	REC COMM G/T											
8	REC COMM G/T											
9	REC COMM G/T											
10	REC COMM G/T											
11	REC COMM G/T											
12	REC COMM G/T											
13	REC COMM G/T											
14	REC COMM G/T											
15	REC COMM G/T											
16	REC COMM G/T											
17	REC COMM G/T											
18	REC COMM G/T											
19	REC COMM G/T											
20	REC COMM G/T											

* Access Type: B: Bank, P: Powerboat, S: Sailboat, C: Canoe, K: Kayak, PWC: Personal Water Craft, T: Tow Boat, TOW: Tow/Barge

APPENDIX C: OBSERVATION DATA ON COMMERCIAL BOATS

Type of access along the Ohio River				
Type of access	Recreational	Commercial	Government	Unknown
Total number of participants*	4,622	489	22	6
Percentage of observation total	89.94%	9.52%	0.43%	0.12%

*Note that the number of individuals participating in commercial activity on the river is actually probably much higher because 93% of the commercial events observed were classified as “unknown number of males or females.” To analyze the data, if an unknown number of individuals were listed, they were counted as just one individual. Within the number of recreational events, however, only 5% were listed as “unknown number of males or females.”

Access along the Ohio River for commercial use		
Type of access	Number of observations	Percentage of observation total
Bank	2	0.46%
Powerboat	16	3.66%
Sailboat	0	0.00%
Canoe	0	0.00%
Kayak	0	0.00%
Personal Watercraft	0	0.00%
Tour boat	80	18.31%
Tow or barge	336	76.89%
Unknown	3	0.69%

Monthly access along the Ohio River				
Month of observation	Recreational	Commercial	Government	Unknown
July 2008	59	24	2	0
August 2008	1,104	132	6	2
September 2008	298	88	3	0
October 2008	260	85	2	1
November 2008	18	33	0	1
December 2008	7	24	2	0
January 2009	1	16	1	0
February 2009	8	30	0	0
March 2009	0	5	0	0

APPENDIX D: TELEPHONE SURVEY QUESTIONNAIRES

ORSANCO MAIN SURVEY

4. In what state does the respondent currently live?

- ☐ 2. Arkansas
- ☐ 3. Illinois
- ☐ 4. Indiana
- ☐ 5. Kentucky
- ☐ 6. Maryland
- ☐ 7. Missouri
- ☐ 8. New York
- ☐ 9. Ohio
- ☐ 10. Pennsylvania
- ☐ 11. Tennessee
- ☐ 12. Virginia
- ☐ 13. West Virginia

Note: The survey instruments are abridged; "question" numbers associated only with code have been removed.

5. In what region does the respondent current live?

- ☐ 2. Central / Middle (0-25)
- ☐ 3. Northern / Upper (0-25)
- ☐ 4. Southern / Lower (0-25)
- ☐ 5. Central / Middle (26-100)
- ☐ 6. Northern / Upper (26-100)
- ☐ 7. Southern / Lower (26-100)

6. Hello, my name is _____. I'm calling on behalf of the Ohio River Valley Water Sanitation Commission to conduct a study with residents about recreating on or in the Ohio River. We are not selling anything or asking for donations and your answers are very important to the study. Do you have a few minutes to answer some questions?

9. Are you at least 18 years old?

12. How many miles do you live from the Ohio River?

15. Did you, personally, participate in any activities on or in the Ohio River in the past 12 months?

(IF ASKED: Activities on or in the Ohio River include swimming, waterskiing, tubing, wading, diving, fishing, hunting, power boating, operating a personal watercraft, canoeing, kayaking and sailing, etc.)

- ☐ 2. Yes (GO TO QUESTION 16)
- ☐ 3. No
- ☐ 4. DNR: Don't know

IF (#5 > 4) GO TO #118
SKIP TO QUESTION 21

16. Next, I am going to read a list of activities, and I would like to know if you personally participated in any of the activities on or in the Ohio River in the past 12 months.

19. How about (ACTIVITY)? (Did you participate in (ACTIVITY) on or in the Ohio River in the past 12 months?)

(READ LIST; CHECK ALL THAT APPLY)

- ☐ 1. Swimming
- ☐ 2. Waterskiing or wakeboarding
- ☐ 3. Tubing
- ☐ 4. Wading
- ☐ 5. Diving
- ☐ 6. Fishing
- ☐ 7. Hunting
- ☐ 8. Power boating
- ☐ 9. Operating a personal watercraft (PWC; industry names include Jet
- ☐ 10. Ski, Wave Runner, and/or Wet Bike) (GO TO QUESTION 19)
- ☐ 11. Canoeing
- ☐ 12. Kayaking
- ☐ 13. Sailing
- ☐ 14. Other
- ☐ 15. DNR: Don't know

IF (#19 @ 15) GO TO #21
SKIP TO QUESTION 22

21. What are the main reasons that you didn't participate in any activities on or in the Ohio River in the past 12 months?

SKIP TO QUESTION 27

22. In comparison to your participation in the previous 5 years, would you say your participation in activities on or in the Ohio River increased, stayed about the same, or decreased in the past 12 months?

☐ 2. Increased

☐ 3. Stayed the same

☐ 4. Decreased

☐ 5. DNR: Don't know

IF (#22 = 2) GO TO #23

IF (#22 = 4) GO TO #24

SKIP TO QUESTION 25

23. Why do you think your participation in activities on or in the Ohio River increased in the past 12 months?

SKIP TO QUESTION 25

24. Why do you think your participation in activities on or in the Ohio River decreased in the past 12 months?

25. Determines which wording to use

☐ 1. anything

☐ 2. any other factors

COMPUTE IF (#22 = 2) 1

COMPUTE IF (#22 = 3) 1

COMPUTE IF (#22 = 4) 2

26. Did #25 cause you not to participate in these activities on or in the Ohio River as much as you would have liked in the past 12 months?

27. Determines which wording to use

☐ 1. not to participate

☐ 2. to participate

COMPUTE IF (#15 = 2) 2

COMPUTE IF (#15 = 3) 1

COMPUTE IF (#15 = 4) 1

=====

28. Next, I'm going to ask about several things that may or may not influence your decision #27 in activities on or in the Ohio River. Regardless of whether your participation has increased, stayed the same, or decreased, or if you have not participated at all, please indicate if each of the following factors influenced you to participate LESS THAN YOU OTHERWISE WOULD HAVE in activities on or in the Ohio River in the past 12 months.

29-44. What about xxx?

(PROMPT FOR DEGREE)

(Would you say this strongly influenced, moderately influenced, or did not influence you to participate less?)

- ☐ 2. Strongly influenced
☐ 3. Moderately influenced
☐ 4. Did not influence
☐ 5. DNR: Don't know

29. What about time of the year or the season?

30. What about cold temperatures?

31. What about the river flow rate? (e.g., water flow too fast)

32. What about high water level?

33. What about low water level?

34. What about muddy or dirty water?

35. What about the condition of the river following rain?

36. What about high or unsafe bacteria levels in the Ohio River?

37. What about pollution other than bacteria?

38. What about crowding on the river?

39. What about poor or unsafe behavior of other people or boat and watercraft operators on the river?

40. What about the costs associated with river activities, such as equipment, licenses, training, etc.?

41. What about fuel costs to travel to river access and/or to operate boat?

42. What about the travel distance to river access?

43. What about poor recreational opportunities?

44. What about fish advisories or concern about contaminated fish?

=====

45. How many children, age 17 or YOUNGER, do you have living in your household?

IF (#45 = 999) GO TO #83

48. Determines which wording to use

- ☐ 1. child
☐ 2. children

COMPUTE IF (#45 = 1) 1

COMPUTE IF (#45 > 1) 2

49. I have just a few quick questions about the activities your #48 may have participated in or on the Ohio River.

IF (#45 > 1) GO TO #50

IF (#45 = 1) GO TO #52

50. How many of your children participated in activities on or in the Ohio River in the past 12 months?

IF (#50 = 999) GO TO #55

IF (#50 = 0) GO TO #51 (error handler: SKIP TO QUESTION 83)

SKIP TO QUESTION 55

52. Has your child participated in activities on or in the Ohio River in the past 12 months?

☐ 2. Yes (GO TO QUESTION 55)

☐ 3. No

☐ 4. Don't know

SKIP TO QUESTION 83

55. In which of the following activities did your #48 participate on or in the Ohio River in the past 12 months?

(IF ASKED: Please include ALL activities for ALL of your children)

(READ LIST; CHECK ALL THAT APPLY)

- ☐ 1. Swimming
- ☐ 2. Waterskiing or wakeboarding
- ☐ 3. Tubing
- ☐ 4. Wading
- ☐ 5. Diving
- ☐ 6. Fishing
- ☐ 7. Hunting
- ☐ 8. Power boating
- ☐ 9. Operating a personal watercraft (PWC; industry names include
- ☐ 10. Jet Ski, Wave Runner, and/or Wet Bike) (GO TO QUESTION 55)
- ☐ 11. Canoeing
- ☐ 12. Kayaking
- ☐ 13. Sailing
- ☐ 14. Other
- ☐ 15. DNR: Don't know

[If the child/children participated in the particular activity, they were asked the question(s) below.]

57. How many days TOTAL did your #48 participate in swimming on or in the Ohio River in the past 12 months?

59. How many days TOTAL did your #48 participate in Waterskiing or wakeboarding or in the Ohio River in the past 12 months?

61. How many days TOTAL did your #48 participate in tubing on or in the Ohio River in the past 12 months?

63. How many days TOTAL did your #48 participate in wading on or in the Ohio River in the past 12 months?

65. How many days TOTAL did your #48 participate in diving on or in the Ohio River in the past 12 months?

67. How many days TOTAL did your #48 participate in fishing on or in the Ohio River in the past 12 months?

69. How many days TOTAL did your #48 participate in hunting on or in the Ohio River in the past 12 months?

71. How many days TOTAL did your #48 participate in power boating on or in the Ohio River in the past 12 months?

73. How many days TOTAL did your #48 participate in operating a personal watercraft on or in the Ohio River in the past 12 months?

75. How many days TOTAL did your #48 participate in canoeing on or in the Ohio River in the past 12 months?

77. How many days TOTAL did your #48 participate in kayaking on or in the Ohio River in the past 12 months?

79. How many days TOTAL did your #48 participate in sailing on or in the Ohio River in the past 12 months?

81. How many days TOTAL did your #48 participate in #56 on or in the Ohio River in the past 12 months?

83. Next, I have a couple of questions about the fish you eat.

84. How many meals with freshwater FISH would you say you typically ate PER MONTH in the past 12 months?

Please include ANY freshwater fish from any source, not just the Ohio River. This includes any freshwater fish that you or your family caught, purchased from a store or market, ate at a restaurant or friend's house, or received as a gift. Please do not include any saltwater fish or salmon, any freshwater or saltwater shellfish, any frozen fish sticks or patties, or any fish meals from fast food restaurants.

(IF ASKED: Some common species of freshwater fish are trout, bass, and catfish.)

(IF ASKED: Salmon is considered a saltwater species for the purposes of this survey because although it is primarily caught in freshwater, salmon spends most of its life in saltwater.)

(ENTER NUMBER OF MEALS PER MONTH)

87. An 8-ounce serving of fish is about the size of a thin paperback book. When you ate freshwater fish in the past 12 months, would you say you usually ate a portion that was smaller, about the same, or larger than 8 ounces?

88. The Ohio River is home to many species of freshwater fish, including sauger, walleye, channel catfish, blue catfish, flathead catfish, largemouth bass, smallmouth bass, spotted bass, white bass, striped bass, crappie, sunfish, common carp, buffalo, drum, and paddlefish.

89. How many meals with FISH FROM THE OHIO RIVER would you say you typically ate per month in the past 12 months?

(ENTER NUMBER OF MEALS PER MONTH)

IF (#89 = 0) GO TO #90 (error handler: SKIP TO QUESTION 95)

SKIP TO QUESTION 99

95. Why didn't you typically eat fish from the Ohio River in the past 12 months?

SKIP TO QUESTION 101

99. Which species or type of fish from the Ohio River did you eat in the past 12 months? Please be as specific as possible about the species. For example, if you know the specific type of bass or catfish, such as channel catfish or striped bass, please let me know.

101. Are you aware of fish consumption advisories issued for Ohio River fish?

IF (#15 = 2 AND NOT (#19 @ 15)) GO TO #103

102. Great! We're just about through. The final questions are for background information and help us analyze the results.

SKIP TO QUESTION 104

103. Great! This next set of questions is for background information and will help us analyze the results.

104. How long have you lived in #4?

106. In what county do you live?

107. Do you consider your place of residence to be a large city or urban area, a suburban area, a small city or town, a rural area on a farm or ranch, or a rural area NOT on a farm or ranch?

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

109. Do you consider yourself to be of Hispanic or Latino origin?

112. What races or ethnic backgrounds do you consider yourself? Please mention all that apply.

114. May I ask your age?

117. TIME INTERVIEW WAS COMPLETED.

IF (#15 = 2 AND NOT (#19 @ 15)) GO TO #119

118. That's the end of the survey. Thank you for your time and cooperation.

SKIP TO QUESTION 120

119. That's the end of this section of the survey. Now, I would like to ask you a few additional questions on your recreational use of the Ohio River.

SKIP TO QUESTION 121

120. ENTER ANY IMPORTANT NOTES ABOUT THE SURVEY.

121. OBSERVE AND RECORD RESPONDENT'S GENDER.

ORSANCO POWER BOATING SURVEY

3. This section of the survey deals with your participation in power boating along the Ohio River.
4. How many different places or access sites along the Ohio River did you go to participate in power boating?
5. What is the **FIRST** access site or location from which you accessed the Ohio River in the past 12 months to participate in power boating?

8. What type of access site was #5?

10. In what city or county and state was #5 located?

IF (#4 > 2) GO TO #11
SKIP TO QUESTION 35

Note: The survey instruments are abridged; “question” numbers associated only with code have been removed.

[SAME LOOP FOR SUBSEQUENT PLACES]

11. What is the **SECOND** access site or location from which you accessed the Ohio River in the past 12 months to participate in power boating?
14. What type of access site was #11?
16. In what city or county and state was #11 located?
17. What is the **THIRD** access site or location from which you accessed the Ohio River in the past 12 months to participate in power boating?
20. What type of access site was #17?
22. In what city or county and state was #17 located?
23. What is the **FOURTH** access site or location from which you accessed the Ohio River in the past 12 months to participate in power boating?
26. What type of access site was #23?
28. In what city or county and state was #23 located?
29. What is the **FIFTH** access site or location from which you accessed the Ohio River in the past 12 months to participate in power boating?
32. What type of access site was #29?
34. In what city or county and state was #29 located?

35. Are there any other sites or locations where you accessed the Ohio River in the past 12 months to participate in power boating for which you do not know the name?

- ☐ 2. Yes (GO TO QUESTION 38)
- ☐ 3. No
- ☐ 4. DNR: Don't know
- SKIP TO QUESTION 43

38. What type of access site was the unknown site?

40. In what city or county and state was the unknown site located?

41. Are there any nearby cities, towns, roads, or other landmarks that may help us determine specifically where you accessed the Ohio River to participate in power boating?

- ☐ 2. Yes (GO TO QUESTION 42)
- ☐ 3. No
- ☐ 4. DNR: Don't know
- SKIP TO QUESTION 43

42. What are they?

43. Please answer the following questions about your use of the Ohio River in the past 12 months for power boating when accessing the river from #5.

44. When you travel **UPSTREAM** from #5 to participate in power boating, how far, in miles, did you typically travel **UPSTREAM**?

46. When you travel DOWNSTREAM from #5 to participate in power boating, how far, in miles, did you typically travel DOWNSTREAM?

50. In the past 12 months, during which months did you access the Ohio River from #5 to participate in power boating?

- ☐ 1. January
 - ☐ 2. February
 - ☐ 3. March
 - ☐ 4. April
 - ☐ 5. May
 - ☐ 6. June
 - ☐ 7. July
 - ☐ 8. August
 - ☐ 9. September
 - ☐ 10. October
 - ☐ 11. November
 - ☐ 12. December
 - ☐ 13. DNR: Don't know
- IF ((#50 @ 13) AND (#4 > 2)) GO TO #63
IF (#50 @ 1) GO TO #51
IF (#50 @ 2) GO TO #52
IF (#50 @ 3) GO TO #53
IF (#50 @ 4) GO TO #54
IF (#50 @ 5) GO TO #55
IF (#50 @ 6) GO TO #56
IF (#50 @ 7) GO TO #57
IF (#50 @ 8) GO TO #58
IF (#50 @ 9) GO TO #59
IF (#50 @ 10) GO TO #60
IF (#50 @ 11) GO TO #61
IF (#50 @ 12) GO TO #62
SKIP TO QUESTION 143

[ASKS FOR EACH MONTH]

51. In January, how many days did you access the Ohio River from #5 to participate in power boating?

52. February

53. March

54. April

55. May

56. June

57. July

58. August

59. September

60. October

61. November

62. December

IF (#4 > 2) GO TO #63
SKIP TO QUESTION 143

63. Please answer the following questions about your use of the Ohio River in the past 12 months for power boating when accessing the river from #11.

64. When you travel UPSTREAM from #11 to participate in power boating, how far, in miles, did you typically travel UPSTREAM?

66. When you travel DOWNSTREAM from #11 to participate in power boating, how far, in miles, did you typically travel DOWNSTREAM?

70. In the past 12 months, during which months did you access the Ohio River from #11 to participate in power boating?

IF ((#70 @ 13) AND (#4 > 3)) GO TO #83
 IF (#70 @ 1) GO TO #71
 IF (#70 @ 2) GO TO #72
 IF (#70 @ 3) GO TO #73
 IF (#70 @ 4) GO TO #74
 IF (#70 @ 5) GO TO #75
 IF (#70 @ 6) GO TO #76
 IF (#70 @ 7) GO TO #77
 IF (#70 @ 8) GO TO #78
 IF (#70 @ 9) GO TO #79
 IF (#70 @ 10) GO TO #80
 IF (#70 @ 11) GO TO #81
 IF (#70 @ 12) GO TO #82
 SKIP TO QUESTION 143

[ASKS FOR EACH MONTH]

71. In January, how many days did you access the Ohio River from #11 to participate in power boating?

72. February

73. March

74. April

75. May

76. June

77. July

78. August

79. September

80. October

81. November

82. December

IF (#4 > 3) GO TO #83
 SKIP TO QUESTION 143

83. Please answer the following questions about your use of the Ohio River in the past 12 months for power boating when accessing the river from #17.

84. When you travel UPSTREAM from #17 to participate in power boating, how far, in miles, did you typically travel UPSTREAM?

86. When you travel DOWNSTREAM from #17 to participate in power boating, how far, in miles, did you typically travel DOWNSTREAM?

90. In the past 12 months, during which months did you access the Ohio River from #17 to participate in power boating?

IF ((#90 @ 13) AND (#4 > 4)) GO TO #103
 IF (#90 @ 1) GO TO #91
 IF (#90 @ 2) GO TO #92
 IF (#90 @ 3) GO TO #93
 IF (#90 @ 4) GO TO #94
 IF (#90 @ 5) GO TO #95
 IF (#90 @ 6) GO TO #96
 IF (#90 @ 7) GO TO #97
 IF (#90 @ 8) GO TO #98
 IF (#90 @ 9) GO TO #99
 IF (#90 @ 10) GO TO #100
 IF (#90 @ 11) GO TO #101
 IF (#90 @ 12) GO TO #102
 SKIP TO QUESTION 143

[ASKS FOR EACH MONTH]

91. In January, how many days did you access the Ohio River from #17 to participate in power boating?

92. February

93. March

94. April

95. May

96. June

97. July

98. August

99. September

100. October

101. November

102. December

IF (#4 > 4) GO TO #103

SKIP TO QUESTION 143

103. Please answer the following questions about your use of the Ohio River in the past 12 months for power boating when accessing the river from #23.

104. When you travel UPSTREAM from #23 to participate in power boating, how far, in miles, did you typically travel UPSTREAM?

106. When you travel DOWNSTREAM from #23 to participate in power boating, how far, in miles, did you typically travel DOWNSTREAM?

110. In the past 12 months, during which months did you access the Ohio River from #23 to participate in power boating?

IF ((#110 @ 13) AND (#4 > 5)) GO TO #123

IF (#110 @ 1) GO TO #111

IF (#110 @ 2) GO TO #112

IF (#110 @ 3) GO TO #113

IF (#110 @ 4) GO TO #114

IF (#110 @ 5) GO TO #115

IF (#110 @ 6) GO TO #116

IF (#110 @ 7) GO TO #117

IF (#110 @ 8) GO TO #118

IF (#110 @ 9) GO TO #119

IF (#110 @ 10) GO TO #120

IF (#110 @ 11) GO TO #121

IF (#110 @ 12) GO TO #122

SKIP TO QUESTION 143

[ASKS FOR EACH MONTH]

111. In January, how many days did you access the Ohio River from #23 to participate in power boating?

112. February

113. March

114. April

115. May

116. June

117. July

118. August

119. September

120. October

121. November

122. December

IF (#4 > 5) GO TO #123

SKIP TO QUESTION 143

123. Please answer the following questions about your use of the Ohio River in the past 12 months for power boating when accessing the river from #29.

124. When you travel UPSTREAM from #29 to participate in power boating, how far, in miles, did you typically travel UPSTREAM?

126. When you travel DOWNSTREAM from #29 to participate in power boating, how far, in miles, did you typically travel DOWNSTREAM?

130. In the past 12 months, during which months did you access the Ohio River from #29 to participate in power boating?

IF (#130 @ 13) GO TO #143
IF (#130 @ 1) GO TO #131
IF (#130 @ 2) GO TO #132
IF (#130 @ 3) GO TO #133
IF (#130 @ 4) GO TO #134
IF (#130 @ 5) GO TO #135
IF (#130 @ 6) GO TO #136
IF (#130 @ 7) GO TO #137
IF (#130 @ 8) GO TO #138
IF (#130 @ 9) GO TO #139
IF (#130 @ 10) GO TO #140
IF (#130 @ 11) GO TO #141
IF (#130 @ 12) GO TO #142
SKIP TO QUESTION 143

[ASKS FOR EACH MONTH]

131. In January, how many days did you access the Ohio River from #29 to participate in power boating?

132. February

133. March

134. April

135. May

136. June

137. July

138. August

139. September

140. October

141. November

142. December

143. Great! That is the end of this section.

144. ENTER ANY IMPORTANT NOTES ABOUT THE SURVEY.

APPENDIX E: EXCLUDED TELEPHONE SURVEY DATA

Data for the following events at the following river mile segments were excluded from the telephone survey results due to low sample sizes and outliers that could potentially overestimate adult participation levels in these activities on these segments of the river:

- Waterskiing/wakeboarding, February, Mile 601-650
- Swimming, January-March and November, Mile 0-50
- Diving, January-December, Mile 901-950
- Boating, January-December, Mile 901-950

The following tables present the number of participants and events among adults for the four activities at the designated segments prior to their exclusion from the overall data summary and analyses. The tables containing the number of participants and number of events for all activities along with primary and secondary activities for adult participants and adult and child participants combined were also impacted by the exclusion of data with the events at the segments listed above being removed from the summary and data tables in the sections of this report titled, “Summary Tables of Results” and “Participation in Ohio River-Based Recreation” (please note that totals for child participation were not impacted). As a result, summary tables containing the total number of participants and number of events for all activities, primary activities, and secondary activities for adult participants and adult and child participants combined also follow and include the data for the four activities and mile segments listed above.

The following tables are shown:

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Table App. E. 1. Summary of Adult Participation Data in 2008 (With Excluded Data)

Ohio River Recreation - Adults						
		Number of Participants*	Number of Participants: All Activities*	Number of Events	Mean Number of Activities Per Person	Mean Number of Events Per Person
Total Contact Recreation		916,909	2,695,200	40,705,699	2.94	15.10
Total Primary Recreation		353,080	855,438	14,313,330	2.42	16.73
Total Secondary Recreation		761,605	1,839,762	26,392,369	2.42	14.35
Upper River Region	Region Total	445,668	727,054	9,714,225	1.63	13.36
	Primary Contact	133,344	203,214	2,403,207	1.52	11.83
	Secondary Contact	312,325	523,839	7,311,018	1.68	13.96
Middle River Region	Region Total	499,801	915,650	11,375,293	1.83	12.42
	Primary Contact	167,142	314,021	3,795,082	1.88	12.09
	Secondary Contact	332,658	601,629	7,580,211	1.81	12.60
Lower River Region	Region Total	169,216	428,415	10,401,027	2.53	24.28
	Primary Contact	52,594	149,071	5,051,829	2.83	33.89
	Secondary Contact	116,622	279,344	5,349,198	2.40	19.15
Unknown		--	624,080	9,215,154	--	14.77

* "Number of participants" includes people who may have participated in more than a single activity; a person who participated in more than one activity are counted as only 1 participant. "Number of participants: all activities" counts each person in each activity and then sums them (e.g., a person participating in 3 activities is counted as 3 participants). These definitions apply to the following two tables as well.

Table App. E. 2. Summary of Participation Data in 2008 (With Excluded Data)

Ohio River Recreation - Adults and Children Combined						
		Number of Participants*	Number of Participants: All Activities*	Number of Events	Mean Number of Activities Per Person	Mean Number of Events Per Person
Total Contact Recreation		1,205,846	3,178,182	44,447,378	2.64	13.99
Total Primary Recreation		483,209	1,036,434	15,708,596	2.14	15.16
Total Secondary Recreation		988,214	2,141,747	28,738,782	2.17	13.42
Upper River Region	Region Total	571,056	872,924	10,764,743	1.53	12.33
	Primary Contact	178,416	256,315	2,708,171	1.44	10.57
	Secondary Contact	418,557	616,608	8,056,573	1.47	13.07
Middle River Region	Region Total	634,938	1,200,516	13,602,017	1.89	11.33
	Primary Contact	224,799	426,087	4,711,770	1.90	11.06
	Secondary Contact	441,239	774,429	8,890,246	1.76	11.48
Lower River Region	Region Total	197,628	480,660	10,865,464	2.43	22.61
	Primary Contact	64,390	164,900	5,225,442	2.56	31.69
	Secondary Contact	144,022	315,760	5,640,021	2.19	17.86
Unknown		--	624,080	9,215,154	--	14.77

Table App. E. 3. Recreation: Numbers of Adult Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: All Activities	Percent of Total River-Recreation Participation in This Section	Percent of Total River-Recreation Participation in This Section (Excluding Unknown)
Mile 0-50	280,865	10.4%	13.6%
Mile 51-100	55,111	2.0%	2.7%
Mile 101-150	76,553	2.8%	3.7%
Mile 151-200	102,156	3.8%	4.9%
Mile 201-250	63,205	2.3%	3.1%
Mile 251-300	63,261	2.3%	3.1%
Mile 301-350	143,586	5.3%	6.9%
Mile 351-400	99,857	3.7%	4.8%
Mile 401-450	84,613	3.1%	4.1%
Mile 451-500	283,607	10.5%	13.7%
Mile 501-550	48,646	1.8%	2.3%
Mile 551-600	161,330	6.0%	7.8%
Mile 601-650	117,500	4.4%	5.7%
Mile 651-700	64,735	2.4%	3.1%
Mile 701-750	53,633	2.0%	2.6%
Mile 751-800	99,119	3.7%	4.8%
Mile 801-850	37,819	1.4%	1.8%
Mile 851-900	70,229	2.6%	3.4%
Mile 901-950	137,647	5.1%	6.6%
Mile 951-980	27,648	1.0%	1.3%
Unknown	624,080	23.2%	
Total - excluding unknowns	2,071,119		
Total	2,695,200		
Upper Region	727,054	27.0%	35.1%
Middle Region	915,650	34.0%	44.2%
Lower Region	428,415	15.9%	20.7%
Unknown	624,080	23.2%	
Total - excluding unknowns	2,071,119		
Total	2,695,200		

Table App. E. 4. Recreation: Numbers of Adult and Child Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: All Activities	Percent of Total River-Recreation Participation in This Section	Percent of Total River-Recreation Participation in This Section (Excluding Unknown)
Mile 0-50	363,085	11.4%	14.2%
Mile 51-100	62,680	2.0%	2.5%
Mile 101-150	81,385	2.6%	3.2%
Mile 151-200	125,618	4.0%	4.9%
Mile 201-250	65,534	2.1%	2.6%
Mile 251-300	83,360	2.6%	3.3%
Mile 301-350	152,772	4.8%	6.0%
Mile 351-400	141,667	4.5%	5.5%
Mile 401-450	132,145	4.2%	5.2%
Mile 451-500	381,909	12.0%	15.0%
Mile 501-550	60,072	1.9%	2.4%
Mile 551-600	195,462	6.2%	7.7%
Mile 601-650	164,385	5.2%	6.4%
Mile 651-700	70,516	2.2%	2.8%
Mile 701-750	57,200	1.8%	2.2%
Mile 751-800	118,435	3.7%	4.6%
Mile 801-850	48,037	1.5%	1.9%
Mile 851-900	76,701	2.4%	3.0%
Mile 901-950	142,706	4.5%	5.6%
Mile 951-980	30,434	1.0%	1.2%
Unknown	624,080	19.6%	
Total - excluding unknowns	2,554,101		
Total	3,178,182		
Upper Region	872,924	27.5%	34.2%
Middle Region	1,200,516	37.8%	47.0%
Lower Region	480,660	15.1%	18.8%
Unknown	624,080	19.6%	
Total - excluding unknowns	2,554,101		
Total	3,178,182		

Table App. E. 5. Primary and Secondary Recreation: Numbers of Adult Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Primary Events	Percent of Total Primary River-Recreation Participation in This Section	Percent of Total Primary River-Recreation Participation in This Section (Excluding Unknown)	Total Number of Participants: Secondary Events	Percent of Total Secondary River-Recreation Participation in This Section	Percent of Total Secondary River-Recreation Participation in This Section (Excluding Unknown)
Mile 0-50	116,235	13.6%	17.4%	164,630	8.9%	11.7%
Mile 51-100	0	0.0%	0.0%	55,111	3.0%	3.9%
Mile 101-150	13,998	1.6%	2.1%	62,554	3.4%	4.5%
Mile 151-200	36,094	4.2%	5.4%	66,062	3.6%	4.7%
Mile 201-250	8,042	0.9%	1.2%	55,164	3.0%	3.9%
Mile 251-300	10,906	1.3%	1.6%	52,356	2.8%	3.7%
Mile 301-350	37,771	4.4%	5.7%	105,816	5.8%	7.5%
Mile 351-400	24,940	2.9%	3.7%	74,917	4.1%	5.3%
Mile 401-450	15,562	1.8%	2.3%	69,050	3.8%	4.9%
Mile 451-500	110,271	12.9%	16.5%	173,336	9.4%	12.3%
Mile 501-550	25,958	3.0%	3.9%	22,687	1.2%	1.6%
Mile 551-600	47,390	5.5%	7.1%	113,940	6.2%	8.1%
Mile 601-650	28,440	3.3%	4.3%	89,060	4.8%	6.3%
Mile 651-700	41,629	4.9%	6.2%	23,106	1.3%	1.6%
Mile 701-750	22,366	2.6%	3.4%	31,267	1.7%	2.2%
Mile 751-800	40,266	4.7%	6.0%	58,853	3.2%	4.2%
Mile 801-850	14,989	1.8%	2.2%	22,830	1.2%	1.6%
Mile 851-900	20,073	2.3%	3.0%	50,156	2.7%	3.6%
Mile 901-950	44,184	5.2%	6.6%	93,463	5.1%	6.7%
Mile 951-980	7,194	0.8%	1.1%	20,454	1.1%	1.5%
Unknown	189,131	22.1%		434,949	23.6%	
Total - excluding unknowns	666,307			1,404,812		
Total	855,438			1,839,762		
Upper Region	203,214	23.8%	30.5%	523,839	28.5%	37.3%
Middle Region	314,021	36.7%	47.1%	601,629	32.7%	42.8%
Lower Region	149,071	17.4%	22.4%	279,344	15.2%	19.9%
Unknown	189,131	22.1%		434,949	23.6%	
Total - excluding unknowns	666,307			1,404,812		
Total	855,438			1,839,762		

Table App. E. 6. Primary and Secondary Recreation: Numbers of Adult and Child Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Primary Events	Percent of Total Primary River-Recreation Participation in This Section	Percent of Total Primary River-Recreation Participation in This Section (Excluding Unknown)	Total Number of Participants: Secondary Events	Percent of Total Secondary River-Recreation Participation in This Section	Percent of Total Secondary River-Recreation Participation in This Section (Excluding Unknown)
Mile 0-50	144,362	13.9%	17.0%	218,722	10.2%	12.8%
Mile 51-100	2,267	0.2%	0.3%	60,414	2.8%	3.5%
Mile 101-150	14,380	1.4%	1.7%	67,004	3.1%	3.9%
Mile 151-200	47,353	4.6%	5.6%	78,265	3.7%	4.6%
Mile 201-250	8,042	0.8%	0.9%	57,493	2.7%	3.4%
Mile 251-300	21,382	2.1%	2.5%	61,979	2.9%	3.6%
Mile 301-350	39,559	3.8%	4.7%	113,214	5.3%	6.6%
Mile 351-400	30,613	3.0%	3.6%	111,054	5.2%	6.5%
Mile 401-450	35,831	3.5%	4.2%	96,313	4.5%	5.6%
Mile 451-500	148,502	14.3%	17.5%	233,408	10.9%	13.7%
Mile 501-550	31,361	3.0%	3.7%	28,709	1.3%	1.7%
Mile 551-600	68,072	6.6%	8.0%	127,390	5.9%	7.5%
Mile 601-650	48,510	4.7%	5.7%	115,876	5.4%	6.8%
Mile 651-700	42,170	4.1%	5.0%	28,346	1.3%	1.7%
Mile 701-750	23,731	2.3%	2.8%	33,470	1.6%	2.0%
Mile 751-800	46,018	4.4%	5.4%	72,417	3.4%	4.2%
Mile 801-850	19,066	1.8%	2.3%	28,971	1.4%	1.7%
Mile 851-900	22,797	2.2%	2.7%	53,905	2.5%	3.2%
Mile 901-950	45,168	4.4%	5.3%	97,538	4.6%	5.7%
Mile 951-980	8,123	0.8%	1.0%	22,311	1.0%	1.3%
Unknown	189,131	18.2%		434,949	20.3%	
Total - excluding unknowns	847,303			1,706,797		
Total	1,036,434			2,141,747		
Upper Region	256,315	24.7%	30.3%	616,608	28.8%	36.1%
Middle Region	426,087	41.1%	50.3%	774,429	36.2%	45.4%
Lower Region	164,900	15.9%	19.5%	315,760	14.7%	18.5%
Unknown	189,131	18.2%		434,949	20.3%	
Total - excluding unknowns	847,303			1,706,797		
Total	1,036,434			2,141,747		

Table App. E. 7. Waterskiing / Wakeboarding: Numbers of Adult Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Waterskiing / Wakeboarding	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	32,668	19.8%	22.7%
Mile 51-100	0	0.0%	0.0%
Mile 101-150	3,890	2.4%	2.7%
Mile 151-200	5,830	3.5%	4.1%
Mile 201-250	0	0.0%	0.0%
Mile 251-300	4,721	2.9%	3.3%
Mile 301-350	2,966	1.8%	2.1%
Mile 351-400	2,966	1.8%	2.1%
Mile 401-450	0	0.0%	0.0%
Mile 451-500	32,216	19.5%	22.4%
Mile 501-550	0	0.0%	0.0%
Mile 551-600	3,958	2.4%	2.8%
Mile 601-650	6,376	3.9%	4.4%
Mile 651-700	15,653	9.5%	10.9%
Mile 701-750	807	0.5%	0.6%
Mile 751-800	9,633	5.8%	6.7%
Mile 801-850	3,881	2.4%	2.7%
Mile 851-900	8,878	5.4%	6.2%
Mile 901-950	9,386	5.7%	6.5%
Mile 951-980	0	0.0%	0.0%
Unknown	21,079	12.8%	
Total - excluding unknowns	143,829		
Total	164,909		
Upper Region	47,110	28.6%	32.8%
Middle Region	63,731	38.6%	44.3%
Lower Region	32,988	20.0%	22.9%
Unknown	21,079	12.8%	
Total - excluding unknowns	143,829		
Total	164,909		

Table App. E. 8. Waterskiing / Wakeboarding: Numbers of Adult and Child Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Waterskiing / Wakeboarding	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	40,523	20.0%	22.3%
Mile 51-100	0	0.0%	0.0%
Mile 101-150	4,272	2.1%	2.4%
Mile 151-200	10,710	5.3%	5.9%
Mile 201-250	0	0.0%	0.0%
Mile 251-300	8,190	4.0%	4.5%
Mile 301-350	2,966	1.5%	1.6%
Mile 351-400	2,966	1.5%	1.6%
Mile 401-450	1,013	0.5%	0.6%
Mile 451-500	40,367	19.9%	22.2%
Mile 501-550	0	0.0%	0.0%
Mile 551-600	8,453	4.2%	4.7%
Mile 601-650	12,008	5.9%	6.6%
Mile 651-700	15,653	7.7%	8.6%
Mile 701-750	1,077	0.5%	0.6%
Mile 751-800	10,714	5.3%	5.9%
Mile 801-850	4,082	2.0%	2.2%
Mile 851-900	9,348	4.6%	5.1%
Mile 901-950	9,386	4.6%	5.2%
Mile 951-980	0	0.0%	0.0%
Unknown	21,079	10.4%	
Total - excluding unknowns	181,728		
Total	202,808		
Upper Region	63,696	31.4%	35.1%
Middle Region	83,023	40.9%	45.7%
Lower Region	35,010	17.3%	19.3%
Unknown	21,079	10.4%	
Total - excluding unknowns	181,728		
Total	202,808		

Table App. E. 9. Swimming: Numbers of Adult Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Swimming	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	24,183	7.7%	10.9%
Mile 51-100	0	0.0%	0.0%
Mile 101-150	2,617	0.8%	1.2%
Mile 151-200	16,244	5.2%	7.3%
Mile 201-250	1,463	0.5%	0.7%
Mile 251-300	1,463	0.5%	0.7%
Mile 301-350	16,017	5.1%	7.2%
Mile 351-400	11,865	3.8%	5.3%
Mile 401-450	3,898	1.2%	1.8%
Mile 451-500	24,987	8.0%	11.2%
Mile 501-550	9,828	3.1%	4.4%
Mile 551-600	30,018	9.6%	13.5%
Mile 601-650	5,376	1.7%	2.4%
Mile 651-700	14,631	4.7%	6.6%
Mile 701-750	19,131	6.1%	8.6%
Mile 751-800	15,999	5.1%	7.2%
Mile 801-850	5,684	1.8%	2.6%
Mile 851-900	8,878	2.8%	4.0%
Mile 901-950	8,523	2.7%	3.8%
Mile 951-980	1,512	0.5%	0.7%
Unknown	91,300	29.1%	
Total - excluding unknowns	222,318		
Total	313,619		
Upper Region	51,056	16.3%	23.0%
Middle Region	111,937	35.7%	50.3%
Lower Region	59,325	18.9%	26.7%
Unknown	91,300	29.1%	
Total - excluding unknowns	222,318		
Total	313,619		

Table App. E. 10. Swimming: Numbers of Adult and Child Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Swimming	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	32,110	8.6%	11.4%
Mile 51-100	1,133	0.3%	0.4%
Mile 101-150	2,617	0.7%	0.9%
Mile 151-200	16,993	4.6%	6.0%
Mile 201-250	1,463	0.4%	0.5%
Mile 251-300	1,681	0.5%	0.6%
Mile 301-350	16,017	4.3%	5.7%
Mile 351-400	17,538	4.7%	6.2%
Mile 401-450	10,574	2.8%	3.7%
Mile 451-500	34,020	9.1%	12.1%
Mile 501-550	12,530	3.4%	4.4%
Mile 551-600	40,040	10.7%	14.2%
Mile 601-650	11,008	2.9%	3.9%
Mile 651-700	15,172	4.1%	5.4%
Mile 701-750	19,505	5.2%	6.9%
Mile 751-800	19,473	5.2%	6.9%
Mile 801-850	8,006	2.1%	2.8%
Mile 851-900	10,818	2.9%	3.8%
Mile 901-950	8,851	2.4%	3.1%
Mile 951-980	2,441	0.7%	0.9%
Unknown	91,300	24.5%	
Total - excluding unknowns	281,988		
Total	373,289		
Upper Region	61,083	16.4%	21.7%
Middle Region	152,213	40.8%	54.0%
Lower Region	68,692	18.4%	24.4%
Unknown	91,300	24.5%	
Total - excluding unknowns	281,988		
Total	373,289		

Table App. E. 11. Diving: Numbers of Adult Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Diving	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	0	0.0%	0.0%
Mile 51-100	0	0.0%	0.0%
Mile 101-150	0	0.0%	0.0%
Mile 151-200	0	0.0%	0.0%
Mile 201-250	0	0.0%	0.0%
Mile 251-300	0	0.0%	0.0%
Mile 301-350	0	0.0%	0.0%
Mile 351-400	0	0.0%	0.0%
Mile 401-450	0	0.0%	0.0%
Mile 451-500	10,459	26.1%	34.1%
Mile 501-550	0	0.0%	0.0%
Mile 551-600	0	0.0%	0.0%
Mile 601-650	0	0.0%	0.0%
Mile 651-700	0	0.0%	0.0%
Mile 701-750	0	0.0%	0.0%
Mile 751-800	2,292	5.7%	7.5%
Mile 801-850	0	0.0%	0.0%
Mile 851-900	0	0.0%	0.0%
Mile 901-950	12,227	30.5%	39.9%
Mile 951-980	5,682	14.2%	18.5%
Unknown	9,486	23.6%	
Total - excluding unknowns	30,660		
Total	40,147		
Upper Region	0	0.0%	0.0%
Middle Region	10,459	26.1%	34.1%
Lower Region	20,201	50.3%	65.9%
Unknown	9,486	23.6%	
Total - excluding unknowns	30,660		
Total	40,147		

Table App. E. 12. Diving: Numbers of Adult and Child Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Diving	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	0	0.0%	0.0%
Mile 51-100	0	0.0%	0.0%
Mile 101-150	0	0.0%	0.0%
Mile 151-200	0	0.0%	0.0%
Mile 201-250	0	0.0%	0.0%
Mile 251-300	218	0.5%	0.6%
Mile 301-350	0	0.0%	0.0%
Mile 351-400	0	0.0%	0.0%
Mile 401-450	5,775	12.4%	15.6%
Mile 451-500	10,459	22.5%	28.3%
Mile 501-550	0	0.0%	0.0%
Mile 551-600	0	0.0%	0.0%
Mile 601-650	0	0.0%	0.0%
Mile 651-700	0	0.0%	0.0%
Mile 701-750	0	0.0%	0.0%
Mile 751-800	2,292	4.9%	6.2%
Mile 801-850	0	0.0%	0.0%
Mile 851-900	313	0.7%	0.8%
Mile 901-950	12,227	26.3%	33.1%
Mile 951-980	5,682	12.2%	15.4%
Unknown	9,486	20.4%	
Total - excluding unknowns	36,966		
Total	46,453		
Upper Region	218	0.5%	0.6%
Middle Region	16,234	34.9%	43.9%
Lower Region	20,514	44.2%	55.5%
Unknown	9,486	20.4%	
Total - excluding unknowns	36,966		
Total	46,453		

Table App. E. 13. Power Boating: Numbers of Adult Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Power Boating	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	78,636	13.4%	16.4%
Mile 51-100	14,596	2.5%	3.0%
Mile 101-150	9,573	1.6%	2.0%
Mile 151-200	17,303	3.0%	3.6%
Mile 201-250	14,273	2.4%	3.0%
Mile 251-300	10,042	1.7%	2.1%
Mile 301-350	28,791	4.9%	6.0%
Mile 351-400	19,170	3.3%	4.0%
Mile 401-450	24,523	4.2%	5.1%
Mile 451-500	85,863	14.7%	17.9%
Mile 501-550	2,394	0.4%	0.5%
Mile 551-600	33,979	5.8%	7.1%
Mile 601-650	18,387	3.1%	3.8%
Mile 651-700	12,217	2.1%	2.5%
Mile 701-750	2,107	0.4%	0.4%
Mile 751-800	29,611	5.1%	6.2%
Mile 801-850	10,011	1.7%	2.1%
Mile 851-900	25,301	4.3%	5.3%
Mile 901-950	35,245	6.0%	7.3%
Mile 951-980	8,359	1.4%	1.7%
Unknown	104,827	17.9%	
Total - excluding unknowns	480,380		
Total	585,208		
Upper Region	161,982	27.7%	33.7%
Middle Region	206,916	35.4%	43.1%
Lower Region	111,483	19.1%	23.2%
Unknown	104,827	17.9%	
Total - excluding unknowns	480,380		
Total	585,208		

Table App. E. 14. Power Boating: Numbers of Adult and Child Participants and Percentage of Total by River Section

Section of the River (50-Mile Increments)	Total Number of Participants: Power Boating	Percent of Total in This Section	Percent of Total in This Section (Excluding Unknown)
Mile 0-50	95,029	13.8%	16.2%
Mile 51-100	15,729	2.3%	2.7%
Mile 101-150	9,573	1.4%	1.6%
Mile 151-200	21,238	3.1%	3.6%
Mile 201-250	14,952	2.2%	2.6%
Mile 251-300	13,511	2.0%	2.3%
Mile 301-350	32,431	4.7%	5.5%
Mile 351-400	21,061	3.0%	3.6%
Mile 401-450	34,461	5.0%	5.9%
Mile 451-500	116,313	16.8%	19.9%
Mile 501-550	5,096	0.7%	0.9%
Mile 551-600	38,162	5.5%	6.5%
Mile 601-650	30,131	4.4%	5.1%
Mile 651-700	13,016	1.9%	2.2%
Mile 701-750	2,481	0.4%	0.4%
Mile 751-800	37,878	5.5%	6.5%
Mile 801-850	12,921	1.9%	2.2%
Mile 851-900	27,241	3.9%	4.6%
Mile 901-950	36,361	5.3%	6.2%
Mile 951-980	8,359	1.2%	1.4%
Unknown	104,827	15.2%	17.9%
Total - excluding unknowns	585,941	84.8%	100.0%
Total	690,769	100.0%	117.9%
Upper Region	191,231	27.7%	32.6%
Middle Region	267,823	38.8%	45.7%
Lower Region	126,889	18.4%	21.7%
Unknown	104,827	15.2%	17.9%
Total - excluding unknowns	585,941	84.8%	100.0%
Total	690,769	100.0%	117.9%

Table App. E. 15a. All Recreation: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Section of the River (50-Mile Increments)	All Recreation: Total Number of Participants	All Recreation: Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	280,865	3,145,672	27,263	27,263	27,263	313,696	367,871	534,882
51-100	55,111	555,355	0	0	0	10,544	60,616	117,256
101-150	76,553	1,231,709	0	0	0	25,799	51,766	237,428
151-200	102,156	1,567,710	0	0	8,321	28,465	47,010	441,883
201-250	63,205	800,368	39,564	1,311	19,127	7,209	2,527	26,144
251-300	63,261	1,555,446	18,881	18,881	64,919	101,369	129,909	273,387
301-350	143,586	2,302,879	0	12,588	36,955	202,140	265,492	434,759
351-400	99,857	1,955,204	0	0	0	130,513	189,272	415,172
401-450	84,613	722,434	3,891	0	8,708	76,748	69,709	82,884
451-500	283,607	3,413,582	59,012	57,453	62,405	119,776	366,416	695,568
501-550	48,646	240,169	8,431	2,268	7,557	2,268	6,173	45,980
551-600	161,330	1,349,013	6,163	6,376	79,695	85,753	137,286	193,822
601-650	117,500	1,368,004	0	127,512	17,740	119,072	191,138	193,321
651-700	64,735	886,842	0	0	0	4,372	56,935	243,451
701-750	53,633	1,418,755	70,804	647	647	32,678	73,895	271,084
751-800	99,119	1,732,554	1,143	16,449	24,108	24,351	194,273	388,721
801-850	37,819	862,628	0	1,799	8,109	20,609	23,429	273,950
851-900	70,229	1,202,518	2,268	4,066	4,965	15,513	60,218	82,607
901-950	137,647	4,632,893	295,469	295,469	326,658	339,734	631,829	688,210
951-980	27,648	546,809	39,775	39,775	42,440	44,310	50,884	46,764
Unknown	624,080	9,215,154	30,245	12,575	107,971	193,223	397,224	1,741,943
Total	2,695,200	40,705,699	602,909	624,430	847,588	1,898,143	3,373,872	7,429,215
Upper Region	727,054	9,714,225	85,709	53,749	150,292	524,648	738,302	1,754,162
Middle Region	915,650	11,375,293	77,497	199,902	182,398	701,462	1,202,607	2,182,099
Lower Region	428,415	10,401,027	409,458	358,205	406,928	478,809	1,035,739	1,751,011
Unknown	624,080	9,215,154	30,245	12,575	107,971	193,223	397,224	1,741,943
Total	2,695,200	40,705,699	602,909	624,430	847,588	1,898,143	3,373,872	7,429,215

Table App. E. 15b. All Recreation: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Section of the River (50-Mile Increments)	All Recreation: Total Number of Participants	All Recreation: Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	280,865	3,145,672	779,883	661,028	338,402	98,008	84,574	0
51-100	55,111	555,355	164,544	112,666	78,879	5,474	0	0
101-150	76,553	1,231,709	329,604	315,603	46,775	30,328	0	790
151-200	102,156	1,567,710	426,159	477,711	63,969	20,724	14,803	0
201-250	63,205	800,368	84,354	90,781	39,558	7,789	5,263	6,555
251-300	63,261	1,555,446	274,124	284,558	266,559	40,840	23,626	18,881
301-350	143,586	2,302,879	450,929	424,041	191,775	62,753	35,698	0
351-400	99,857	1,955,204	562,645	418,477	133,966	0	0	0
401-450	84,613	722,434	89,094	118,819	75,124	50,202	54,850	0
451-500	283,607	3,413,582	760,009	745,274	235,115	147,466	75,195	75,195
501-550	48,646	240,169	62,209	25,566	12,344	18,529	18,529	2,268
551-600	161,330	1,349,013	252,998	172,758	119,596	61,619	44,609	10,786
601-650	117,500	1,368,004	145,021	118,338	94,646	76,725	15,939	0
651-700	64,735	886,842	225,764	254,542	57,835	2,472	1,236	0
701-750	53,633	1,418,755	301,609	303,008	261,958	82,896	8,069	1,614
751-800	99,119	1,732,554	417,862	286,382	147,011	84,819	2,285	1,143
801-850	37,819	862,628	457,741	211,500	52,008	6,757	3,379	1,351
851-900	70,229	1,202,518	355,932	369,512	66,120	53,331	14,072	7,955
901-950	137,647	4,632,893	805,145	632,047	469,779	317,333	305,969	320,741
951-980	27,648	546,809	58,858	60,369	44,310	39,775	39,775	39,775
Unknown	624,080	9,215,154	1,767,372	1,839,957	1,143,581	80,209	15,172	11,364
Total	2,695,200	40,705,699	8,771,857	7,922,939	3,939,309	1,288,050	763,043	498,416
Upper Region	727,054	9,714,225	2,228,615	2,070,041	881,230	250,369	158,162	26,226
Middle Region	915,650	11,375,293	2,377,472	2,147,179	870,774	370,088	214,923	88,248
Lower Region	428,415	10,401,027	2,398,398	1,865,761	1,055,088	587,384	374,785	372,578
Unknown	624,080	9,215,154	1,767,372	1,839,957	1,132,217	80,209	15,172	11,364
Total	2,695,200	40,705,699	8,771,857	7,922,939	3,939,309	1,288,050	763,043	498,416

Table App. E. 16a. All Recreation: Numbers of Adult and Child Participants and Events by River Section and Month (Part 1)

Section of the River (50-Mile Increments)	All Recreation: Total Number of Participants	All Recreation: Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	363,085	3,621,054	27,263	27,263	27,263	322,889	403,311	619,429
51-100	62,680	633,869	0	0	0	10,544	60,616	142,294
101-150	81,385	1,334,168	0	0	0	32,631	66,145	255,202
151-200	125,618	1,732,584	556	0	8,321	28,465	48,797	520,289
201-250	65,534	828,141	40,374	2,121	19,127	7,209	2,527	34,074
251-300	83,360	1,735,854	18,881	18,881	69,280	111,215	135,492	309,831
301-350	152,772	2,351,472	0	12,588	40,102	205,287	268,645	444,892
351-400	141,667	2,436,374	0	0	0	130,513	226,580	490,613
401-450	132,145	902,818	3,891	0	8,708	76,748	73,131	112,446
451-500	381,909	4,026,892	59,012	57,453	62,405	125,855	413,702	823,656
501-550	60,072	327,238	9,127	2,964	8,253	2,964	13,728	63,315
551-600	195,462	1,693,876	6,163	6,376	83,329	94,557	160,201	261,337
601-650	164,385	1,854,702	0	127,512	17,740	120,367	232,953	310,214
651-700	70,516	921,805	0	0	0	4,372	58,089	252,307
701-750	57,200	1,461,315	70,804	647	647	36,084	77,661	275,623
751-800	118,435	1,855,156	1,143	16,850	25,637	25,884	201,046	415,053
801-850	48,037	990,939	0	1,799	12,115	24,632	28,467	307,826
851-900	76,701	1,276,165	2,268	4,066	4,965	15,513	62,546	89,742
901-950	142,706	4,690,777	296,219	295,469	326,658	339,734	634,815	709,209
951-980	30,434	557,023	39,775	39,775	42,440	44,774	51,348	46,764
Unknown	624,080	9,215,154	30,245	12,575	107,971	193,223	397,224	1,741,943
Total	3,178,182	44,447,378	605,721	626,337	864,961	1,953,460	3,617,024	8,226,059
Upper Region	872,924	10,764,743	87,075	54,559	157,800	553,665	798,644	2,005,680
Middle Region	1,200,516	13,602,017	78,193	200,598	186,728	718,336	1,364,062	2,626,841
Lower Region	480,660	10,865,464	410,208	358,606	412,463	488,235	1,057,094	1,851,594
Unknown	624,080	9,215,154	30,245	12,575	107,971	193,223	397,224	1,741,943
Total	3,178,182	44,447,378	605,721	626,337	864,961	1,953,460	3,617,024	8,226,059

Table App. E. 16b. All Recreation: Numbers of Adult and Child Participants and Events by River Section and Month (Part 2)

Section of the River (50-Mile Increments)	All Recreation: Total Number of Participants	All Recreation: Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	363,085	3,621,054	969,907	769,977	349,380	114,811	101,377	0
51-100	62,680	633,869	192,982	137,704	78,879	5,474	0	0
101-150	81,385	1,334,168	355,482	334,267	58,877	37,160	0	790
151-200	125,618	1,732,584	466,598	517,186	66,505	20,724	15,362	559
201-250	65,534	828,141	90,473	96,894	43,853	7,789	5,263	8,251
251-300	83,360	1,735,854	326,854	321,004	297,196	43,457	25,370	18,881
301-350	152,772	2,351,472	469,210	434,773	191,775	62,753	35,698	0
351-400	141,667	2,436,374	772,435	577,108	133,966	0	0	0
401-450	132,145	902,818	182,693	160,710	83,613	53,624	54,850	0
451-500	381,909	4,026,892	967,326	912,511	279,082	160,759	75,195	75,195
501-550	60,072	327,238	96,430	42,901	18,093	19,225	19,225	2,964
551-600	195,462	1,693,876	345,950	258,383	161,100	85,917	44,609	10,786
601-650	164,385	1,854,702	250,241	254,765	174,742	81,677	15,939	0
651-700	70,516	921,805	240,718	264,363	58,013	2,472	1,236	0
701-750	57,200	1,461,315	320,764	313,621	264,012	83,437	8,069	1,614
751-800	118,435	1,855,156	457,313	320,641	158,983	85,220	2,285	1,143
801-850	48,037	990,939	497,384	242,599	62,633	6,757	3,379	1,351
851-900	76,701	1,276,165	388,095	400,565	67,088	53,331	14,072	7,955
901-950	142,706	4,690,777	828,072	639,526	471,583	317,333	306,719	321,491
951-980	30,434	557,023	63,501	65,012	44,310	39,775	39,775	39,775
Unknown	624,080	9,215,154	1,767,372	1,839,957	1,143,581	80,209	15,172	11,364
Total	3,178,182	44,447,378	10,049,800	8,904,470	4,207,264	1,361,903	783,596	502,118
Upper Region	872,924	10,764,743	2,581,145	2,306,106	941,778	276,620	177,268	28,482
Middle Region	1,200,516	13,602,017	3,132,725	2,764,337	1,050,579	416,749	215,619	88,944
Lower Region	480,660	10,865,464	2,568,557	1,994,069	1,082,690	588,325	375,535	373,328
Unknown	624,080	9,215,154	1,767,372	1,839,957	1,132,217	80,209	15,172	11,364
Total	3,178,182	44,447,378	10,049,800	8,904,470	4,207,264	1,361,903	783,596	502,118

Table App. E. 17a. Primary Recreation: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Section of the River (50-Mile Increments)	Primary Recreation: Total Number of Participants	Primary Recreation: Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	116,235	1,618,030	27,263	27,263	27,263	174,413	194,858	249,914
51-100	0	0	0	0	0	0	0	0
101-150	13,998	129,989	0	0	0	0	0	34,563
151-200	36,094	404,772	0	0	0	2,111	4,223	63,169
201-250	8,042	96,834	0	0	0	0	0	0
251-300	10,906	77,784	0	0	0	0	0	14,163
301-350	37,771	418,191	0	0	0	0	16,738	103,580
351-400	24,940	292,803	0	0	0	0	0	66,870
401-450	15,562	85,604	0	0	0	0	0	0
451-500	110,271	1,178,614	0	0	0	2,394	102,392	284,415
501-550	25,958	66,021	0	0	0	0	0	24,195
551-600	47,390	409,664	0	0	0	0	0	35,567
601-650	28,440	655,567	0	127,512	6,376	82,458	104,210	92,106
651-700	41,629	757,961	0	0	0	0	47,132	222,609
701-750	22,366	733,063	0	0	0	0	16,615	151,893
751-800	40,266	691,471	0	0	0	0	78,683	183,114
801-850	14,989	145,094	0	0	0	0	2,507	29,851
851-900	20,073	467,882	0	0	0	0	2,625	2,625
901-950	44,184	2,872,310	142,053	142,053	142,053	147,231	398,385	403,479
951-980	7,194	148,464	11,364	11,364	11,364	11,364	11,364	11,364
Unknown	189,131	3,063,212	11,364	11,364	17,740	17,740	59,579	585,758
Total	855,438	14,313,330	192,044	319,556	204,796	437,711	1,039,310	2,559,236
Upper Region	203,214	2,403,207	27,263	27,263	27,263	176,525	199,081	374,320
Middle Region	314,021	3,795,082	0	127,512	6,376	84,852	270,470	816,832
Lower Region	149,071	5,051,829	153,417	153,417	153,417	158,595	510,180	782,326
Unknown	189,131	3,063,212	11,364	11,364	17,740	17,740	59,579	585,758
Total	855,438	14,313,330	192,044	319,556	204,796	437,711	1,039,310	2,559,236

Table App. E. 17b. Primary Recreation: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Section of the River (50-Mile Increments)	Primary Recreation: Total Number of Participants	Primary Recreation: Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	116,235	1,618,030	336,352	311,999	171,488	27,263	27,263	0
51-100	0	0	0	0	0	0	0	0
101-150	13,998	129,989	36,395	30,030	10,964	0	0	0
151-200	36,094	404,772	142,460	134,176	4,223	0	0	0
201-250	8,042	96,834	5,263	10,525	0	0	0	0
251-300	10,906	77,784	28,327	14,163	0	0	0	0
301-350	37,771	418,191	119,688	128,043	4,682	0	0	0
351-400	24,940	292,803	123,348	102,584	0	0	0	0
401-450	15,562	85,604	1,988	6,370	0	0	5,450	0
451-500	110,271	1,178,614	331,175	344,778	75,407	14,856	19,151	7,182
501-550	25,958	66,021	33,011	8,815	0	0	0	0
551-600	47,390	409,664	131,343	48,460	9,245	6,163	0	0
601-650	28,440	655,567	27,703	58,540	94,646	63,331	0	0
651-700	41,629	757,961	191,995	213,156	47,132	0	0	0
701-750	22,366	733,063	189,061	188,288	159,133	19,843	0	0
751-800	40,266	691,471	206,551	98,050	22,001	18,413	0	0
801-850	14,989	145,094	50,590	34,277	7,619	0	0	0
851-900	20,073	467,882	207,383	227,071	1,313	0	0	0
901-950	44,184	2,872,310	402,700	398,300	269,900	142,053	142,053	142,053
951-980	7,194	148,464	17,411	17,411	11,364	11,364	11,364	11,364
Unknown	189,131	3,063,212	560,587	510,626	482,565	11,364	11,364	11,364
Total	855,438	14,313,330	3,143,327	2,885,661	1,371,681	314,651	216,645	171,963
Upper Region	203,214	2,403,207	577,768	517,279	191,357	27,263	27,263	0
Middle Region	314,021	3,795,082	930,470	893,551	226,429	84,350	24,601	7,182
Lower Region	149,071	5,051,829	1,074,502	964,204	482,693	191,673	153,417	153,417
Unknown	189,131	3,063,212	560,587	510,626	471,201	11,364	11,364	11,364
Total	855,438	14,313,330	3,143,327	2,885,661	1,371,681	314,651	216,645	171,963

Table App. E. 18a. Primary Recreation: Numbers of Adult and Child Participants and Events by River Section and Month (Part 1)

Section of the River (50-Mile Increments)	Primary Recreation: Total Number of Participants	Primary Recreation: Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	144,362	1,788,110	27,263	27,263	27,263	174,413	216,717	292,554
51-100	2,267	4,533	0	0	0	0	0	1,133
101-150	14,380	130,371	0	0	0	0	0	34,563
151-200	47,353	476,309	0	0	0	2,111	5,047	86,215
201-250	8,042	96,834	0	0	0	0	0	0
251-300	21,382	131,492	0	0	0	0	350	28,099
301-350	39,559	424,112	0	0	0	0	16,738	103,580
351-400	30,613	406,257	0	0	0	0	0	66,870
401-450	35,831	161,456	0	0	0	0	0	13,402
451-500	148,502	1,416,907	0	0	0	8,473	112,817	337,293
501-550	31,361	97,090	0	0	0	0	0	33,651
551-600	68,072	597,597	0	0	0	2,862	10,399	73,370
601-650	48,510	922,835	0	127,512	6,376	82,458	135,597	141,717
651-700	42,170	759,583	0	0	0	0	47,132	222,609
701-750	23,731	754,226	0	0	0	541	16,615	153,336
751-800	46,018	733,370	0	0	0	0	79,757	189,302
801-850	19,066	187,039	0	0	0	0	3,037	40,991
851-900	22,797	507,246	0	0	0	0	2,625	5,620
901-950	45,168	2,896,910	142,053	142,053	142,053	147,231	400,189	411,843
951-980	8,123	153,107	11,364	11,364	11,364	11,364	11,364	11,364
Unknown	189,131	3,063,212	11,364	11,364	17,740	17,740	59,579	585,758
Total	1,036,434	15,708,596	192,044	319,556	204,796	447,192	1,117,960	2,833,272
Upper Region	256,315	2,708,171	27,263	27,263	27,263	176,525	222,113	455,075
Middle Region	426,087	4,711,770	0	127,512	6,376	93,793	322,680	979,982
Lower Region	164,900	5,225,443	153,417	153,417	153,417	159,136	513,588	812,457
Unknown	189,131	3,063,212	11,364	11,364	17,740	17,740	59,579	585,758
Total	1,036,434	15,708,596	192,044	319,556	204,796	447,192	1,117,960	2,833,272

Table App. E. 18b. Primary Recreation: Numbers of Adult and Child Participants and Events by River Section and Month (Part 2)

Section of the River (50-Mile Increments)	Primary Recreation: Total Number of Participants	Primary Recreation: Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	144,362	1,788,110	390,292	354,568	177,915	27,263	27,263	0
51-100	2,267	4,533	2,267	1,133	0	0	0	0
101-150	14,380	130,371	36,777	30,030	10,964	0	0	0
151-200	47,353	476,309	165,506	157,222	5,796	0	0	0
201-250	8,042	96,834	5,263	10,525	0	0	0	0
251-300	21,382	131,492	53,463	28,101	350	0	0	0
301-350	39,559	424,112	125,010	128,642	4,682	0	0	0
351-400	30,613	406,257	180,075	159,311	0	0	0	0
401-450	35,831	161,456	49,836	15,905	5,067	0	5,450	0
451-500	148,502	1,416,907	395,402	425,954	87,200	26,571	19,151	7,182
501-550	31,361	97,090	45,169	18,271	0	0	0	0
551-600	68,072	597,597	192,995	97,217	31,078	10,790	0	0
601-650	48,510	922,835	77,411	146,257	143,491	63,331	0	0
651-700	42,170	759,583	193,617	213,156	47,132	0	0	0
701-750	23,731	754,226	201,528	194,459	159,133	20,384	0	0
751-800	46,018	733,370	223,107	114,174	23,959	18,413	0	0
801-850	19,066	187,039	69,178	45,434	8,149	0	0	0
851-900	22,797	507,246	225,088	244,766	2,281	0	0	0
901-950	45,168	2,896,910	411,064	402,564	271,704	142,053	142,053	142,053
951-980	8,123	153,107	19,732	19,732	11,364	11,364	11,364	11,364
Unknown	189,131	3,063,212	560,587	510,626	482,565	11,364	11,364	11,364
Total	1,036,434	15,708,596	3,623,362	3,318,048	1,472,829	331,534	216,645	171,963
Upper Region	256,315	2,708,171	687,262	597,966	199,706	27,263	27,263	0
Middle Region	426,087	4,711,770	1,225,010	1,187,518	313,968	100,692	24,601	7,182
Lower Region	164,900	5,225,443	1,150,503	1,021,937	487,953	192,214	153,417	153,417
Unknown	189,131	3,063,212	560,587	510,626	471,201	11,364	11,364	11,364
Total	1,036,434	15,708,596	3,623,362	3,318,048	1,472,829	331,534	216,645	171,963

Table App. E. 19a. Secondary Recreation: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Section of the River (50-Mile Increments)	Secondary Recreation: Total Number of Participants	Secondary Recreation: Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	164,630	1,527,643	0	0	0	139,282	173,014	284,968
51-100	55,111	555,355	0	0	0	10,544	60,616	117,256
101-150	62,554	1,101,720	0	0	0	25,799	51,766	202,865
151-200	66,062	1,162,938	0	0	8,321	26,353	42,787	378,713
201-250	55,164	703,534	39,564	1,311	19,127	7,209	2,527	26,144
251-300	52,356	1,477,662	18,881	18,881	64,919	101,369	129,909	259,224
301-350	105,816	1,884,688	0	12,588	36,955	202,140	248,755	331,179
351-400	74,917	1,662,401	0	0	0	130,513	189,272	348,301
401-450	69,050	636,830	3,891	0	8,708	76,748	69,709	82,884
451-500	173,336	2,234,968	59,012	57,453	62,405	117,382	264,024	411,152
501-550	22,687	174,148	8,431	2,268	7,557	2,268	6,173	21,785
551-600	113,940	939,349	6,163	6,376	79,695	85,753	137,286	158,255
601-650	89,060	712,437	0	0	11,364	36,615	86,928	101,216
651-700	23,106	128,881	0	0	0	4,372	9,803	20,842
701-750	31,267	685,692	70,804	647	647	32,678	57,280	119,191
751-800	58,853	1,041,083	1,143	16,449	24,108	24,351	115,590	205,607
801-850	22,830	717,534	0	1,799	8,109	20,609	20,922	244,100
851-900	50,156	734,636	2,268	4,066	4,965	15,513	57,593	79,982
901-950	93,463	1,760,583	153,417	153,417	184,606	192,503	233,444	284,731
951-980	20,454	398,345	28,411	28,411	31,076	32,946	39,520	35,400
Unknown	434,949	6,151,942	18,881	1,210	90,231	175,484	337,645	1,156,184
Total	1,839,762	26,392,369	410,864	304,874	642,793	1,460,431	2,334,562	4,869,979
Upper Region	523,839	7,311,018	58,445	26,486	123,028	348,124	539,221	1,379,842
Middle Region	601,629	7,580,211	77,497	72,390	176,022	616,610	932,137	1,365,267
Lower Region	279,344	5,349,198	256,041	204,788	253,511	320,214	525,559	968,685
Unknown	434,949	6,151,942	18,881	1,210	90,231	175,484	337,645	1,156,184
Total	1,839,762	26,392,369	410,864	304,874	642,793	1,460,431	2,334,562	4,869,979

Table App. E. 19b. Secondary Recreation: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Section of the River (50-Mile Increments)	Secondary Recreation: Total Number of Participants	Secondary Recreation: Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	164,630	1,527,643	443,531	349,029	166,914	70,744	57,310	0
51-100	55,111	555,355	164,544	112,666	78,879	5,474	0	0
101-150	62,554	1,101,720	293,209	285,574	35,811	30,328	0	790
151-200	66,062	1,162,938	283,699	343,535	59,747	20,724	14,803	0
201-250	55,164	703,534	79,092	80,256	39,558	7,789	5,263	6,555
251-300	52,356	1,477,662	245,797	270,395	266,559	40,840	23,626	18,881
301-350	105,816	1,884,688	331,241	295,998	187,093	62,753	35,698	0
351-400	74,917	1,662,401	439,297	315,893	133,966	0	0	0
401-450	69,050	636,830	87,106	112,449	75,124	50,202	49,400	0
451-500	173,336	2,234,968	428,835	400,496	159,708	132,610	56,044	68,013
501-550	22,687	174,148	29,199	16,751	12,344	18,529	18,529	2,268
551-600	113,940	939,349	121,655	124,298	110,351	55,456	44,609	10,786
601-650	89,060	712,437	117,319	59,798	0	13,394	15,939	0
651-700	23,106	128,881	33,769	41,386	10,704	2,472	1,236	0
701-750	31,267	685,692	112,548	114,720	102,826	63,053	8,069	1,614
751-800	58,853	1,041,083	211,311	188,332	125,010	66,406	2,285	1,143
801-850	22,830	717,534	407,151	177,223	44,389	6,757	3,379	1,351
851-900	50,156	734,636	148,550	142,441	64,807	53,331	14,072	7,955
901-950	93,463	1,760,583	402,446	233,747	199,879	175,281	163,917	178,688
951-980	20,454	398,345	41,447	42,958	32,946	28,411	28,411	28,411
Unknown	434,949	6,151,942	1,206,786	1,329,331	661,016	68,845	3,808	0
Total	1,839,762	26,392,369	5,628,530	5,037,277	2,567,628	973,399	546,397	326,453
Upper Region	523,839	7,311,018	1,650,847	1,552,762	689,873	223,106	130,899	26,226
Middle Region	601,629	7,580,211	1,447,002	1,253,627	644,345	285,738	190,322	81,066
Lower Region	279,344	5,349,198	1,323,896	901,557	572,395	395,710	221,369	219,161
Unknown	434,949	6,151,942	1,206,786	1,329,331	661,016	68,845	3,808	0
Total	1,839,762	26,392,369	5,628,530	5,037,277	2,567,628	973,399	546,398	326,453

Table App. E. 20a. Secondary Recreation: Numbers of Adult and Child Participants and Events by River Section and Month (Part 1)

Section of the River (50-Mile Increments)	Secondary Recreation: Total Number of Participants	Secondary Recreation: Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	218,722	1,832,945	0	0	0	148,475	186,595	326,875
51-100	60,414	629,336	0	0	0	10,544	60,616	141,161
101-150	67,004	1,203,797	0	0	0	32,631	66,145	220,639
151-200	78,265	1,256,276	556	0	8,321	26,353	43,750	434,073
201-250	57,493	731,307	40,374	2,121	19,127	7,209	2,527	34,074
251-300	61,979	1,604,361	18,881	18,881	69,280	111,215	135,142	281,732
301-350	113,214	1,927,360	0	12,588	40,102	205,287	251,908	341,312
351-400	111,054	2,030,117	0	0	0	130,513	226,580	423,742
401-450	96,313	741,362	3,891	0	8,708	76,748	73,131	99,044
451-500	233,408	2,609,985	59,012	57,453	62,405	117,382	300,886	486,362
501-550	28,709	230,148	9,127	2,964	8,253	2,964	13,728	29,664
551-600	127,390	1,096,279	6,163	6,376	83,329	91,695	149,802	187,967
601-650	115,876	931,867	0	0	11,364	37,910	97,356	168,498
651-700	28,346	162,222	0	0	0	4,372	10,957	29,698
701-750	33,470	707,089	70,804	647	647	35,543	61,046	122,286
751-800	72,417	1,121,786	1,143	16,850	25,637	25,884	121,289	225,751
801-850	28,971	803,899	0	1,799	12,115	24,632	25,430	266,835
851-900	53,905	768,920	2,268	4,066	4,965	15,513	59,921	84,122
901-950	97,538	1,793,867	154,167	153,417	184,606	192,503	234,626	297,366
951-980	22,311	403,916	28,411	28,411	31,076	33,410	39,984	35,400
Unknown	434,949	6,151,942	18,881	1,210	90,231	175,484	337,645	1,156,184
Total	2,141,747	28,738,782	413,676	306,781	660,166	1,506,267	2,499,063	5,392,787
Upper Region	616,608	8,056,573	59,811	27,296	130,536	377,141	576,530	1,550,605
Middle Region	774,429	8,890,246	78,193	73,086	180,352	624,543	1,041,382	1,646,860
Lower Region	315,760	5,640,021	256,791	205,189	259,046	329,100	543,506	1,039,137
Unknown	434,949	6,151,942	18,881	1,210	90,231	175,484	337,645	1,156,184
Total	2,141,747	28,738,782	413,676	306,781	660,166	1,506,267	2,499,063	5,392,787

Table App. E. 20b. Secondary Recreation: Numbers of Adult and Child Participants and Events by River Section and Month (Part 2)

Section of the River (50-Mile Increments)	Secondary Recreation: Total Number of Participants	Secondary Recreation: Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	218,722	1,832,945	579,615	415,409	171,465	87,547	74,113	0
51-100	60,414	629,336	190,715	136,571	78,879	5,474	0	0
101-150	67,004	1,203,797	318,704	304,238	47,913	37,160	0	790
151-200	78,265	1,256,276	301,092	359,964	60,710	20,724	15,362	559
201-250	57,493	731,307	85,211	86,369	43,853	7,789	5,263	8,251
251-300	61,979	1,604,361	273,391	292,903	296,847	43,457	25,370	18,881
301-350	113,214	1,927,360	344,200	306,131	187,093	62,753	35,698	0
351-400	111,054	2,030,117	592,360	417,797	133,966	0	0	0
401-450	96,313	741,362	132,857	144,805	78,546	53,624	49,400	0
451-500	233,408	2,609,985	571,925	486,557	191,882	134,188	56,044	68,013
501-550	28,709	230,148	51,262	24,630	18,093	19,225	19,225	2,964
551-600	127,390	1,096,279	152,954	161,165	130,022	75,127	44,609	10,786
601-650	115,876	931,867	172,831	108,508	31,251	18,346	15,939	0
651-700	28,346	162,222	47,101	51,207	10,882	2,472	1,236	0
701-750	33,470	707,089	119,236	119,162	104,880	63,053	8,069	1,614
751-800	72,417	1,121,786	234,206	206,468	135,024	66,807	2,285	1,143
801-850	28,971	803,899	428,207	197,165	54,484	6,757	3,379	1,351
851-900	53,905	768,920	163,008	155,799	64,807	53,331	14,072	7,955
901-950	97,538	1,793,867	417,009	236,962	199,879	175,281	164,667	179,438
951-980	22,311	403,916	43,768	45,279	32,946	28,411	28,411	28,411
Unknown	434,949	6,151,942	1,206,786	1,329,331	661,016	68,845	3,808	0
Total	2,141,747	28,738,782	6,426,438	5,586,421	2,734,435	1,030,370	566,950	330,155
Upper Region	616,608	8,056,573	1,893,883	1,708,140	742,072	249,357	150,005	28,482
Middle Region	774,429	8,890,246	1,907,715	1,576,818	736,612	316,057	191,018	81,762
Lower Region	315,760	5,640,021	1,418,055	972,132	594,737	396,111	222,119	219,911
Unknown	434,949	6,151,942	1,206,786	1,329,331	661,016	68,845	3,808	0
Total	2,141,747	28,738,782	6,426,438	5,586,421	2,734,435	1,030,370	566,951	330,155

Table App. E. 21a. Waterskiing / Wakeboarding: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Waterskiing / Wakeboarding								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	32,668	419,392	0	0	0	49,799	56,614	76,312
51-100	0	0	0	0	0	0	0	0
101-150	3,890	42,243	0	0	0	0	0	11,670
151-200	5,830	82,353	0	0	0	0	0	24,815
201-250	0	0	0	0	0	0	0	0
251-300	4,721	28,327	0	0	0	0	0	0
301-350	2,966	65,257	0	0	0	0	0	23,730
351-400	2,966	62,290	0	0	0	0	0	14,831
401-450	0	0	0	0	0	0	0	0
451-500	32,216	272,657	0	0	0	0	30,601	57,967
501-550	0	0	0	0	0	0	0	0
551-600	3,958	42,548	0	0	0	0	0	10,995
601-650	6,376	242,272	0	127,512	0	0	0	0
651-700	15,653	263,453	0	0	0	0	15,711	76,394
701-750	807	9,683	0	0	0	0	0	0
751-800	9,633	131,448	0	0	0	0	0	57,935
801-850	3,881	29,705	0	0	0	0	1,254	7,838
851-900	8,878	229,206	0	0	0	0	0	0
901-950	9,386	245,553	0	0	0	1,726	61,388	61,388
951-980	0	0	0	0	0	0	0	0
Unknown	21,079	295,757	0	0	6,376	6,376	6,376	41,123
Total	164,909	2,462,144	0	127,512	6,376	57,900	171,944	464,997
Upper Region	47,110	572,315	0	0	0	49,799	56,614	112,797
Middle Region	63,731	946,864	0	127,512	0	0	46,312	183,917
Lower Region	32,988	647,208	0	0	0	1,726	62,642	127,161
Unknown	21,079	295,757	0	0	6,376	6,376	6,376	41,123
Total	164,909	2,462,144	0	127,512	6,376	57,900	171,944	464,997

Table App. E. 21b. Waterskiing / Wakeboarding: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Waterskiing / Wakeboarding								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	32,668	419,392	101,203	85,733	49,799	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	3,890	42,243	13,970	12,949	3,655	0	0	0
151-200	5,830	82,353	29,925	27,613	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	4,721	28,327	14,163	14,163	0	0	0	0
301-350	2,966	65,257	17,797	23,730	0	0	0	0
351-400	2,966	62,290	23,730	23,730	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	32,216	272,657	87,839	59,521	34,925	4,952	0	0
501-550	0	0	0	0	0	0	0	0
551-600	3,958	42,548	17,371	14,183	0	0	0	0
601-650	6,376	242,272	0	12,751	51,005	51,005	0	0
651-700	15,653	263,453	77,201	78,437	15,711	0	0	0
701-750	807	9,683	4,841	4,841	0	0	0	0
751-800	9,633	131,448	73,513	0	0	0	0	0
801-850	3,881	29,705	10,988	6,492	3,134	0	0	0
851-900	8,878	229,206	110,254	110,254	0	0	0	0
901-950	9,386	245,553	61,388	59,662	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	21,079	295,757	65,244	30,816	30,816	0	0	0
Total	164,909	2,462,144	709,429	564,875	189,044	55,957	0	0
Upper Region	47,110	572,315	159,262	140,458	53,453	0	0	0
Middle Region	63,731	946,864	223,130	211,545	101,641	55,957	0	0
Lower Region	32,988	647,208	261,792	182,056	3,134	0	0	0
Unknown	21,079	295,757	65,244	30,816	30,816	0	0	0
Total	164,909	2,462,144	709,429	564,875	189,044	55,957	0	0

Table App. E. 22a. Waterskiing / Wakeboarding: Numbers of Adult and Child Participants and Events by River Section and Month (Part 1)

Waterskiing / Wakeboarding								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	40,523	485,448	0	0	0	49,799	65,432	93,949
51-100	0	0	0	0	0	0	0	0
101-150	4,272	42,625	0	0	0	0	0	11,670
151-200	10,710	110,630	0	0	0	0	0	34,241
201-250	0	0	0	0	0	0	0	0
251-300	8,190	49,631	0	0	0	0	0	599
301-350	2,966	65,257	0	0	0	0	0	23,730
351-400	2,966	62,290	0	0	0	0	0	14,831
401-450	1,013	10,135	0	0	0	0	0	2,534
451-500	40,367	318,976	0	0	0	0	34,861	68,782
501-550	0	0	0	0	0	0	0	0
551-600	8,453	99,349	0	0	0	0	0	20,799
601-650	12,008	298,590	0	127,512	0	0	4,449	15,278
651-700	15,653	263,453	0	0	0	0	15,711	76,394
701-750	1,077	15,089	0	0	0	0	0	0
751-800	10,714	134,690	0	0	0	0	0	59,016
801-850	4,082	29,906	0	0	0	0	1,254	7,838
851-900	9,348	233,083	0	0	0	0	0	968
901-950	9,386	245,553	0	0	0	1,726	61,388	61,388
951-980	0	0	0	0	0	0	0	0
Unknown	21,079	295,757	0	0	6,376	6,376	6,376	41,123
Total	202,808	2,760,462	0	127,512	6,376	57,900	189,472	533,137
Upper Region	63,696	688,334	0	0	0	49,799	65,432	140,458
Middle Region	83,023	1,116,437	0	127,512	0	0	55,021	222,347
Lower Region	35,010	659,934	0	0	0	1,726	62,642	129,210
Unknown	21,079	295,757	0	0	6,376	6,376	6,376	41,123
Total	202,808	2,760,462	0	127,512	6,376	57,900	189,472	533,137

Table App. E. 22b. Waterskiing / Wakeboarding: Numbers of Adult and Child Participants and Events by River Section and Month (Part 2)

Waterskiing / Wakeboarding								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	40,523	485,448	123,167	103,370	49,799	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	4,272	42,625	14,352	12,949	3,655	0	0	0
151-200	10,710	110,630	39,351	37,039	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	8,190	49,631	24,516	24,516	0	0	0	0
301-350	2,966	65,257	17,797	23,730	0	0	0	0
351-400	2,966	62,290	23,730	23,730	0	0	0	0
401-450	1,013	10,135	2,534	2,534	2,534	0	0	0
451-500	40,367	318,976	100,915	71,694	40,920	4,952	0	0
501-550	0	0	0	0	0	0	0	0
551-600	8,453	99,349	40,645	31,109	6,797	0	0	0
601-650	12,008	298,590	15,278	28,029	57,041	51,005	0	0
651-700	15,653	263,453	77,201	78,437	15,711	0	0	0
701-750	1,077	15,089	7,544	7,544	0	0	0	0
751-800	10,714	134,690	74,594	1,081	0	0	0	0
801-850	4,082	29,906	11,189	6,492	3,134	0	0	0
851-900	9,348	233,083	111,227	111,222	968	0	0	0
901-950	9,386	245,553	61,388	59,662	0	0	0	0
951-980	0	0	0	0	0	0	0	0
Unknown	21,079	295,757	65,244	30,816	30,816	0	0	0
Total	202,808	2,760,462	810,672	653,952	211,374	55,957	0	0
Upper Region	63,696	688,334	201,386	177,873	53,453	0	0	0
Middle Region	83,023	1,116,437	277,291	258,455	123,003	55,957	0	0
Lower Region	35,010	659,934	266,750	186,808	4,102	0	0	0
Unknown	21,079	295,757	65,244	30,816	30,816	0	0	0
Total	202,808	2,760,462	810,672	653,952	211,374	55,957	0	0

Table App. E. 23a. Swimming: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Swimming								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	24,183	428,623	27,263	27,263	27,263	27,263	34,076	44,303
51-100	0	0	0	0	0	0	0	0
101-150	2,617	24,840	0	0	0	0	0	7,851
151-200	16,244	188,468	0	0	0	0	0	15,895
201-250	1,463	15,277	0	0	0	0	0	0
251-300	1,463	21,130	0	0	0	0	0	0
301-350	16,017	192,306	0	0	0	0	16,738	36,427
351-400	11,865	83,054	0	0	0	0	0	20,763
401-450	3,898	30,797	0	0	0	0	0	0
451-500	24,987	369,178	0	0	0	0	34,007	84,274
501-550	9,828	33,760	0	0	0	0	0	8,065
551-600	30,018	299,596	0	0	0	0	0	19,953
601-650	5,376	103,518	0	0	0	12,326	12,326	19,349
651-700	14,631	260,603	0	0	0	0	15,711	76,394
701-750	19,131	666,471	0	0	0	0	10,967	142,591
751-800	15,999	424,057	0	0	0	0	74,113	85,390
801-850	5,684	75,893	0	0	0	0	1,254	12,573
851-900	8,878	219,169	0	0	0	0	0	0
901-950	8,523	639,237	0	0	0	0	127,847	127,847
951-980	1,512	12,093	0	0	0	0	0	0
Unknown	91,300	1,971,635	0	0	0	0	35,676	462,275
Total	313,619	6,059,705	27,263	27,263	27,263	39,590	362,714	1,163,952
Upper Region	51,056	712,156	27,263	27,263	27,263	27,263	34,076	72,731
Middle Region	111,937	1,347,063	0	0	0	12,326	78,782	260,543
Lower Region	59,325	2,028,851	0	0	0	0	214,180	368,402
Unknown	91,300	1,971,635	0	0	0	0	35,676	462,275
Total	313,619	6,059,705	27,263	27,263	27,263	39,590	362,714	1,163,952

Table App. E. 23b. Swimming: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Swimming								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	24,183	428,623	62,118	54,527	27,263	27,263	27,263	0
51-100	0	0	0	0	0	0	0	0
101-150	2,617	24,840	7,851	5,482	3,655	0	0	0
151-200	16,244	188,468	86,189	86,383	0	0	0	0
201-250	1,463	15,277	0	0	0	0	0	0
251-300	1,463	21,130	0	0	0	0	0	0
301-350	16,017	192,306	42,006	52,172	4,682	0	0	0
351-400	11,865	83,054	38,561	23,730	0	0	0	0
401-450	3,898	30,797	1,988	3,976	0	0	0	0
451-500	24,987	369,178	96,576	131,390	17,969	4,952	0	0
501-550	9,828	33,760	16,880	8,815	0	0	0	0
551-600	30,018	299,596	71,099	29,658	0	0	0	0
601-650	5,376	103,518	15,514	16,161	15,514	12,326	0	0
651-700	14,631	260,603	76,394	71,877	15,711	0	0	0
701-750	19,131	666,471	168,081	170,536	152,274	13,791	0	0
751-800	15,999	424,057	79,580	79,727	17,430	13,843	0	0
801-850	5,684	75,893	22,730	15,276	3,810	0	0	0
851-900	8,878	219,169	94,504	114,192	0	0	0	0
901-950	8,523	639,237	127,847	127,847	127,847	0	0	0
951-980	1,512	12,093	6,047	6,047	0	0	0	0
Unknown	91,300	1,971,635	422,610	416,485	409,569	0	0	0
Total	313,619	6,059,705	1,436,575	1,414,281	795,724	72,176	27,263	0
Upper Region	51,056	712,156	160,840	158,097	35,600	27,263	27,263	0
Middle Region	111,937	1,347,063	354,337	326,074	49,194	17,278	0	0
Lower Region	59,325	2,028,851	498,788	513,625	301,361	27,634	0	0
Unknown	91,300	1,971,635	422,610	416,485	409,569	0	0	0
Total	313,619	6,059,705	1,436,575	1,414,281	795,724	72,176	27,263	0

Table App. E. 24a. Swimming: Numbers of Adult and Child Participants and Events by River Section and Month (Part 1)

Swimming								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	32,110	505,310	27,263	27,263	27,263	27,263	47,116	61,934
51-100	1,133	1,133	0	0	0	0	0	0
101-150	2,617	24,840	0	0	0	0	0	7,851
151-200	16,993	195,960	0	0	0	0	0	18,143
201-250	1,463	15,277	0	0	0	0	0	0
251-300	1,681	23,244	0	0	0	0	0	703
301-350	16,017	192,306	0	0	0	0	16,738	36,427
351-400	17,538	196,508	0	0	0	0	0	20,763
401-450	10,574	58,523	0	0	0	0	0	3,035
451-500	34,020	413,784	0	0	0	0	37,389	89,938
501-550	12,530	54,023	0	0	0	0	0	14,819
551-600	40,040	367,570	0	0	0	2,862	5,724	31,713
601-650	11,008	178,838	0	0	0	12,326	25,795	35,452
651-700	15,172	262,225	0	0	0	0	15,711	76,394
701-750	19,505	668,712	0	0	0	0	10,967	142,591
751-800	19,473	452,282	0	0	0	0	74,113	87,877
801-850	8,006	91,692	0	0	0	0	1,254	16,685
851-900	10,818	253,142	0	0	0	0	0	1,523
901-950	8,851	647,437	0	0	0	0	127,847	131,947
951-980	2,441	16,736	0	0	0	0	0	0
Unknown	91,300	1,971,635	0	0	0	0	35,676	462,275
Total	373,289	6,591,176	27,263	27,263	27,263	42,452	398,329	1,240,072
Upper Region	61,083	799,582	27,263	27,263	27,263	27,263	47,116	93,313
Middle Region	152,213	1,698,027	0	0	0	15,188	101,357	303,860
Lower Region	68,692	2,121,932	0	0	0	0	214,180	380,623
Unknown	91,300	1,971,635	0	0	0	0	35,676	462,275
Total	373,289	6,591,176	27,263	27,263	27,263	42,452	398,329	1,240,072

Table App. E. 24b. Swimming: Numbers of Adult and Child Participants and Events by River Section and Month (Part 2)

Swimming								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	32,110	505,310	84,076	72,158	33,690	27,263	27,263	0
51-100	1,133	1,133	1,133	0	0	0	0	0
101-150	2,617	24,840	7,851	5,482	3,655	0	0	0
151-200	16,993	195,960	88,437	88,631	749	0	0	0
201-250	1,463	15,277	0	0	0	0	0	0
251-300	1,681	23,244	706	706	0	0	0	0
301-350	16,017	192,306	42,006	52,172	4,682	0	0	0
351-400	17,538	196,508	95,288	80,457	0	0	0	0
401-450	10,574	58,523	19,909	8,212	2,534	0	0	0
451-500	34,020	413,784	110,900	145,701	21,513	8,334	0	0
501-550	12,530	54,023	23,634	15,569	0	0	0	0
551-600	40,040	367,570	92,929	45,283	7,311	2,862	0	0
601-650	11,008	178,838	31,674	32,280	28,983	12,326	0	0
651-700	15,172	262,225	78,016	71,877	15,711	0	0	0
701-750	19,505	668,712	170,322	170,536	152,274	13,791	0	0
751-800	19,473	452,282	92,011	92,150	18,314	13,843	0	0
801-850	8,006	91,692	30,289	19,405	3,810	0	0	0
851-900	10,818	253,142	110,732	130,415	0	0	0	0
901-950	8,851	647,437	131,947	127,847	127,847	0	0	0
951-980	2,441	16,736	8,368	8,368	0	0	0	0
Unknown	91,300	1,971,635	422,610	416,485	409,569	0	0	0
Total	373,289	6,591,176	1,642,837	1,583,733	830,641	78,420	27,263	0
Upper Region	61,083	799,582	186,884	178,681	42,776	27,263	27,263	0
Middle Region	152,213	1,698,027	489,675	439,846	76,051	23,522	0	0
Lower Region	68,692	2,121,932	543,668	548,721	302,245	27,634	0	0
Unknown	91,300	1,971,635	422,610	416,485	409,569	0	0	0
Total	373,289	6,591,176	1,642,837	1,583,733	830,641	78,420	27,263	0

Table App. E. 25a. Diving: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Diving								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	10,459	69,052	0	0	0	0	7,182	7,182
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	0	0	0	0	0	0	0	0
751-800	2,292	12,606	0	0	0	0	0	3,438
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	12,227	1,711,535	142,053	142,053	142,053	143,779	143,779	143,779
951-980	5,682	136,370	11,364	11,364	11,364	11,364	11,364	11,364
Unknown	9,486	163,088	11,364	11,364	11,364	11,364	11,364	16,046
Total	40,147	2,092,652	164,781	164,781	164,781	166,507	173,689	181,808
Upper Region	0	0	0	0	0	0	0	0
Middle Region	10,459	69,052	0	0	0	0	7,182	7,182
Lower Region	20,201	1,860,512	153,417	153,417	153,417	155,143	155,143	158,581
Unknown	9,486	163,088	11,364	11,364	11,364	11,364	11,364	16,046
Total	40,147	2,092,652	164,781	164,781	164,781	166,507	173,689	181,808

Table App. E. 25b. Diving: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Diving								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	0	0	0	0	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	0	0	0	0	0	0	0	0
451-500	10,459	69,052	7,182	39,442	8,065	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	0	0	0	0	0	0	0	0
751-800	2,292	12,606	2,292	6,876	0	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	0	0	0	0	0	0	0	0
901-950	12,227	1,711,535	143,779	142,053	142,053	142,053	142,053	142,053
951-980	5,682	136,370	11,364	11,364	11,364	11,364	11,364	11,364
Unknown	9,486	163,088	16,046	16,046	11,364	11,364	11,364	11,364
Total	40,147	2,092,652	180,662	215,781	172,846	164,781	164,781	164,781
Upper Region	0	0	0	0	0	0	0	0
Middle Region	10,459	69,052	7,182	39,442	8,065	0	0	0
Lower Region	20,201	1,860,512	157,435	160,293	164,781	153,417	153,417	153,417
Unknown	9,486	163,088	16,046	16,046	0	11,364	11,364	11,364
Total	40,147	2,092,652	180,662	215,781	172,846	164,781	164,781	164,781

Table App. E. 26a. Diving: Numbers of Adult and Child Participants and Events by River Section and Month (Part 1)

Diving								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	218	1,052	0	0	0	0	0	351
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	5,775	21,034	0	0	0	0	0	2,250
451-500	10,459	69,052	0	0	0	0	7,182	7,182
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	0	0	0	0	0	0	0	0
751-800	2,292	12,606	0	0	0	0	0	3,438
801-850	0	0	0	0	0	0	0	0
851-900	313	1,513	0	0	0	0	0	504
901-950	12,227	1,711,535	142,053	142,053	142,053	143,779	143,779	143,779
951-980	5,682	136,370	11,364	11,364	11,364	11,364	11,364	11,364
Unknown	9,486	163,088	11,364	11,364	11,364	11,364	11,364	16,046
Total	46,453	2,116,251	164,781	164,781	164,781	166,507	173,689	184,913
Upper Region	218	1,052	0	0	0	0	0	351
Middle Region	16,234	90,086	0	0	0	0	7,182	9,432
Lower Region	20,514	1,862,025	153,417	153,417	153,417	155,143	155,143	159,085
Unknown	9,486	163,088	11,364	11,364	11,364	11,364	11,364	16,046
Total	46,453	2,116,251	164,781	164,781	164,781	166,507	173,689	184,913

Table App. E. 26b. Diving: Numbers of Adult and Child Participants and Events by River Section and Month (Part 2)

Diving								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	0	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0	0
101-150	0	0	0	0	0	0	0	0
151-200	0	0	0	0	0	0	0	0
201-250	0	0	0	0	0	0	0	0
251-300	218	1,052	351	351	0	0	0	0
301-350	0	0	0	0	0	0	0	0
351-400	0	0	0	0	0	0	0	0
401-450	5,775	21,034	16,534	2,250	0	0	0	0
451-500	10,459	69,052	7,182	39,442	8,065	0	0	0
501-550	0	0	0	0	0	0	0	0
551-600	0	0	0	0	0	0	0	0
601-650	0	0	0	0	0	0	0	0
651-700	0	0	0	0	0	0	0	0
701-750	0	0	0	0	0	0	0	0
751-800	2,292	12,606	2,292	6,876	0	0	0	0
801-850	0	0	0	0	0	0	0	0
851-900	313	1,513	504	504	0	0	0	0
901-950	12,227	1,711,535	143,779	142,053	142,053	142,053	142,053	142,053
951-980	5,682	136,370	11,364	11,364	11,364	11,364	11,364	11,364
Unknown	9,486	163,088	16,046	16,046	11,364	11,364	11,364	11,364
Total	46,453	2,116,251	198,051	218,886	172,846	164,781	164,781	164,781
Upper Region	218	1,052	351	351	0	0	0	0
Middle Region	16,234	90,086	23,716	41,692	8,065	0	0	0
Lower Region	20,514	1,862,025	157,939	160,797	164,781	153,417	153,417	153,417
Unknown	9,486	163,088	16,046	16,046	0	11,364	11,364	11,364
Total	46,453	2,116,251	198,051	218,886	172,846	164,781	164,781	164,781

Table App. E. 27a. Power Boating: Numbers of Adult Participants and Events by River Section and Month (Part 1)

Power Boating								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	78,636	819,300	0	0	0	88,448	107,876	160,566
51-100	14,596	68,224	0	0	0	0	27,564	0
101-150	9,573	115,527	0	0	0	1,827	7,310	14,619
151-200	17,303	95,341	0	0	0	0	0	31,357
201-250	14,273	196,016	0	0	0	0	0	9,177
251-300	10,042	231,324	0	0	4,390	2,927	9,929	56,654
301-350	28,791	513,648	0	0	0	61,894	84,292	106,093
351-400	19,170	470,435	0	0	0	41,527	52,685	109,043
401-450	24,523	149,162	0	0	4,354	4,354	17,721	31,069
451-500	85,863	658,353	0	0	0	57,453	141,646	193,448
501-550	2,394	9,575	0	0	0	0	2,394	0
551-600	33,979	154,120	0	0	0	15,939	14,715	50,192
601-650	18,387	157,164	0	0	11,364	11,364	11,364	17,568
651-700	12,217	49,511	0	0	0	0	0	1,236
701-750	2,107	21,011	0	0	0	0	2,540	4,394
751-800	29,611	299,158	1,143	1,143	1,143	571	27,889	68,898
801-850	10,011	273,411	0	0	0	0	2,703	140,527
851-900	25,301	308,271	0	0	0	1,726	1,726	9,601
901-950	35,245	1,193,357	153,417	153,417	153,417	153,417	160,518	171,958
951-980	8,359	360,481	28,411	28,411	28,411	31,434	29,922	31,905
Unknown	104,827	807,106	0	0	0	39,775	81,054	161,376
Total	585,208	6,950,493	182,970	182,970	203,078	512,656	783,846	1,369,682
Upper Region	161,982	1,636,678	0	0	4,390	96,655	175,739	304,597
Middle Region	206,916	2,050,136	0	0	15,718	189,078	301,756	477,559
Lower Region	111,483	2,456,572	182,970	182,970	182,970	187,148	225,297	426,151
Unknown	104,827	807,106	0	0	0	39,775	81,054	161,376
Total	585,208	6,950,493	182,970	182,970	203,078	512,656	783,846	1,369,682

Table App. E. 27b. Power Boating: Numbers of Adult Participants and Events by River Section and Month (Part 2)

Power Boating								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	78,636	819,300	253,281	240,874	106,041	9,204	0	0
51-100	14,596	68,224	18,939	6,720	3,188	0	0	0
101-150	9,573	115,527	14,619	14,619	9,137	3,655	0	0
151-200	17,303	95,341	26,791	36,281	16,658	0	0	0
201-250	14,273	196,016	15,732	19,665	19,665	0	0	0
251-300	10,042	231,324	56,654	66,762	56,654	1,463	0	0
301-350	28,791	513,648	109,393	90,038	55,966	3,453	0	0
351-400	19,170	470,435	123,121	124,848	41,527	0	0	0
401-450	24,523	149,162	32,901	56,682	17,987	9,261	2,250	0
451-500	85,863	658,353	136,568	172,053	46,452	28,891	14,363	0
501-550	2,394	9,575	4,788	0	2,394	0	0	0
551-600	33,979	154,120	64,702	50,013	28,690	0	0	0
601-650	18,387	157,164	16,689	16,689	0	0	0	0
651-700	12,217	49,511	12,431	31,731	403	2,472	1,236	0
701-750	2,107	21,011	5,033	2,943	3,158	2,943	0	0
751-800	29,611	299,158	68,704	71,433	34,125	11,174	1,143	1,143
801-850	10,011	273,411	77,234	77,479	34,253	5,406	0	0
851-900	25,301	308,271	86,881	85,084	9,575	0	0	0
901-950	35,245	1,193,357	304,136	118,798	159,521	153,417	153,417	153,417
951-980	8,359	360,481	31,905	33,417	31,434	28,411	28,411	28,411
Unknown	104,827	807,106	182,037	210,727	37,403	34,269	0	0
Total	585,208	6,950,493	1,642,540	1,526,857	714,232	294,018	200,820	182,970
Upper Region	161,982	1,636,678	423,119	391,216	217,637	14,322	0	0
Middle Region	206,916	2,050,136	465,585	535,760	186,723	41,605	16,613	0
Lower Region	111,483	2,456,572	571,799	389,154	272,469	203,822	184,206	182,970
Unknown	104,827	807,106	182,037	210,727	37,403	34,269	0	0
Total	585,208	6,950,493	1,642,540	1,526,857	714,232	294,018	200,820	182,970

Table App. E. 28a. Power Boating: Numbers of Adult and Child Participants and Events by River Section and Month (Part 1)

Power Boating								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in January	Total Number of Events in February	Total Number of Events in March	Total Number of Events in April	Total Number of Events in May	Total Number of Events in June
0-50	95,029	935,839	0	0	0	88,448	120,507	176,797
51-100	15,729	72,757	0	0	0	0	27,564	1,133
101-150	9,573	115,527	0	0	0	1,827	7,310	14,619
151-200	21,238	106,995	0	0	0	0	0	32,670
201-250	14,952	205,061	0	0	0	0	0	11,437
251-300	13,511	259,335	0	0	4,390	2,927	9,929	63,657
301-350	32,431	520,048	0	0	0	61,894	84,292	107,473
351-400	21,061	485,562	0	0	0	41,527	53,630	113,770
401-450	34,461	181,181	0	0	4,354	4,354	17,721	35,411
451-500	116,313	805,950	0	0	0	57,453	147,442	210,473
501-550	5,096	29,838	0	0	0	0	7,473	0
551-600	38,162	195,290	0	0	0	15,939	21,273	57,355
601-650	30,131	291,178	0	0	11,364	11,364	19,737	50,446
651-700	13,016	51,109	0	0	0	0	0	1,236
701-750	2,481	23,252	0	0	0	0	2,540	4,394
751-800	37,878	345,107	1,143	1,143	1,143	571	27,889	82,245
801-850	12,921	298,641	0	0	0	0	2,703	148,937
851-900	27,241	334,647	0	0	0	1,726	2,398	10,278
901-950	36,361	1,206,803	153,417	153,417	153,417	153,417	161,700	177,240
951-980	8,359	360,481	28,411	28,411	28,411	31,434	29,922	31,905
Unknown	104,827	807,106	0	0	0	39,775	81,054	161,376
Total	690,769	7,631,706	182,970	182,970	203,078	512,656	825,081	1,492,852
Upper Region	191,231	1,812,860	0	0	4,390	96,655	188,370	333,917
Middle Region	267,823	2,440,326	0	0	15,718	189,078	328,507	543,694
Lower Region	126,889	2,571,412	182,970	182,970	182,970	187,148	227,151	453,866
Unknown	104,827	807,106	0	0	0	39,775	81,054	161,376
Total	690,769	7,631,706	182,970	182,970	203,078	512,656	825,081	1,492,852

Table App. E. 28b. Power Boating: Numbers of Adult and Child Participants and Events by River Section and Month (Part 2)

Power Boating								
Section of the River (50-Mile Increments)	Total Number of Participants	Total Number of Events	Total Number of Events in July	Total Number of Events in August	Total Number of Events in September	Total Number of Events in October	Total Number of Events in November	Total Number of Events in December
0-50	95,029	935,839	297,483	280,749	109,642	9,204	0	0
51-100	15,729	72,757	21,206	7,853	3,188	0	0	0
101-150	9,573	115,527	14,619	14,619	9,137	3,655	0	0
151-200	21,238	106,995	32,438	40,976	16,658	0	0	0
201-250	14,952	205,061	17,998	21,925	21,925	0	0	0
251-300	13,511	259,335	64,156	73,765	63,157	1,463	0	0
301-350	32,431	520,048	113,033	91,418	55,966	3,453	0	0
351-400	21,061	485,562	127,848	129,575	41,527	0	0	0
401-450	34,461	181,181	51,537	65,723	17,987	9,261	2,250	0
451-500	116,313	805,950	230,305	199,895	48,030	30,469	14,363	0
501-550	5,096	29,838	14,919	0	7,446	0	0	0
551-600	38,162	195,290	71,865	57,176	35,248	6,558	0	0
601-650	30,131	291,178	54,897	54,881	16,364	0	0	0
651-700	13,016	51,109	12,431	33,329	403	2,472	1,236	0
701-750	2,481	23,252	7,274	2,943	3,158	2,943	0	0
751-800	37,878	345,107	82,982	86,135	37,796	11,174	1,143	1,143
801-850	12,921	298,641	82,850	83,095	39,840	5,406	0	0
851-900	27,241	334,647	99,531	97,462	9,575	0	0	0
901-950	36,361	1,206,803	310,331	119,586	159,521	153,417	153,417	153,417
951-980	8,359	360,481	31,905	33,417	31,434	28,411	28,411	28,411
Unknown	104,827	807,106	182,037	210,727	37,403	34,269	0	0
Total	690,769	7,631,706	1,921,647	1,705,250	765,405	302,154	200,820	182,970
Upper Region	191,231	1,812,860	488,643	447,562	230,000	14,322	0	0
Middle Region	267,823	2,440,326	638,188	622,725	216,275	49,741	16,613	0
Lower Region	126,889	2,571,412	612,780	424,236	281,727	203,822	184,206	182,970
Unknown	104,827	807,106	182,037	210,727	37,403	34,269	0	0
Total	690,769	7,631,706	1,921,647	1,705,250	765,405	302,154	200,820	182,970

ABOUT RESPONSIVE MANAGEMENT

Responsive Management is a nationally recognized public opinion and attitude survey research firm specializing in natural resource and outdoor recreation issues. Its mission is to help natural resource and outdoor recreation agencies and organizations better understand and work with their constituents, customers, and the public.

Utilizing its in-house, full-service, computer-assisted telephone and mail survey center with 45 professional interviewers, Responsive Management has conducted more than 1,000 telephone surveys, mail surveys, personal interviews, and focus groups, as well as numerous marketing and communications plans, need assessments, and program evaluations on natural resource and outdoor recreation issues.

Clients include most of the federal and state natural resource, outdoor recreation, and environmental agencies, and most of the top conservation organizations. Responsive Management also collects attitude and opinion data for many of the nation's top universities, including the University of Southern California, Virginia Tech, Colorado State University, Auburn, Texas Tech, the University of California—Davis, Michigan State University, the University of Florida, North Carolina State University, Penn State, West Virginia University, and others.

Among the wide range of work Responsive Management has completed during the past 20 years are studies on how the general population values natural resources and outdoor recreation, and their opinions on and attitudes toward an array of natural resource-related issues. Responsive Management has conducted dozens of studies of selected groups of outdoor recreationists, including anglers, boaters, hunters, wildlife watchers, birdwatchers, park visitors, historic site visitors, hikers, and campers, as well as selected groups within the general population, such as landowners, farmers, urban and rural residents, women, senior citizens, children, Hispanics, Asians, and African-Americans. Responsive Management has conducted studies on environmental education, endangered species, waterfowl, wetlands, water quality, and the reintroduction of numerous species such as wolves, grizzly bears, the California condor, and the Florida panther.

Responsive Management has conducted research on numerous natural resource ballot initiatives and referenda and helped agencies and organizations find alternative funding and increase their memberships and donations. Responsive Management has conducted major agency and organizational program needs assessments and helped develop more effective programs based upon a solid foundation of fact. Responsive Management has developed websites for natural resource organizations, conducted training workshops on the human dimensions of natural resources, and presented numerous studies each year in presentations and as keynote speakers at major natural resource, outdoor recreation, conservation, and environmental conferences and meetings.

Responsive Management has conducted research on public attitudes toward natural resources and outdoor recreation in almost every state in the United States, as well as in Canada, Australia, the United Kingdom, France, Germany, and Japan. Responsive Management routinely conducts surveys in Spanish and has also conducted surveys and focus groups in Chinese, Korean, Japanese, and Vietnamese.

Responsive Management's research has been featured in most of the nation's major media, including CNN, ESPN, *The Washington Times*, *The New York Times*, *Newsweek*, *The Wall Street Journal*, and on the front pages of *The Washington Post* and *USA Today*.

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