

# Outdoor Recreation in Pennsylvania Resident Survey

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Conservation and Natural  
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# Outdoor Recreation in Pennsylvania

## Resident Survey



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## EXECUTIVE SUMMARY

The purpose of this study was to better understand the outdoor recreation patterns and the opinions of Pennsylvanians regarding future recreation land conservation, facility development and management. The survey was designed to collect information related to the major themes of the 2009-2013 Pennsylvania Outdoor Recreation Plan (SCORP) and included questions on overall recreation participation, favorite outdoor recreation activities, recreation area and facility needs, the role of outdoor recreation in physical activity, the perceived impacts of outdoor recreation and conservation, and demographics.

Data were collected through a mail/internet survey of the population of Pennsylvania. The sample was designed to provide even representation for six SCORP planning regions and the two urban areas of Philadelphia and Pittsburgh. A total of 2,648 surveys were received, representing a response rate of about 21%.

Results showed that many Pennsylvanians are active outdoor recreationists, participating in a variety of activities at different public and private areas. As in the past, areas managed by local and county government account for the largest portion (43%) of away-from-home outdoor recreation activity. Residents of Philadelphia reported much higher rates than other Pennsylvanians of using local and municipal areas. Women were more likely to use local and municipal areas while men allocated more of their outdoor recreation to state-managed areas.

When asked how they expected their recreational activity to change over the next five years, respondents were most likely to say that it would “stay about the same.” Nearly one-third (31%) felt that their *outdoor* recreational activity would increase, compared to 23% who felt that their *indoor* recreational activity would increase. These expectations were related to age and income. Older individuals and those with lower incomes were more likely to expect a decrease in their outdoor recreation activity in the next five years. Younger people and those with higher incomes were more likely to expect their outdoor recreation activity to increase. About half of the Baby Boomers (age 44-62) expect to increase their outdoor activity, compared to just one-quarter of their older counterparts.

Outdoor recreation participation rates were generally consistent with past state and nationwide surveys. Traditional activities such as walking, driving for pleasure, picnicking, and swimming remain the most popular outdoor recreation activities. Some changes seem evident for boating-related activities, however. For example, water-based recreation showed a notable decrease in power boating and an increase in paddle sports.

When asked what benefits they receive from outdoor recreation participation, nearly half of the top-of-mind benefits mentioned involved something related to physical or mental health. When asked about their constraints, or factors limiting their recreation participation, almost half of the items listed involved commitments to work, school, or schedules of some sort. The older generation (pre-Baby Boomers) was much more likely to mention health constraints as factors limiting their recreation participation (37% compared to 8% of Baby Boomers and 6% of post- Baby Boomers).

Activities with the highest levels of participation include dog walking, walking, and birding/bird watching. People tend to travel the greatest distances for traditional outdoor activities like fishing, camping, and boating. Activities showing the highest economic expenditures include boating, camping, and driving for pleasure.

When asked what kinds of recreational facilities should be provided more widely, or in greater numbers, respondents cited bicycle lanes more often (69%) than any other type of recreational resource (respondents could name multiple types of facilities). Similarly, a desire for more bicycle paths or trails was indicated by over half (55%) of survey participants. Among the facility needs, bicycle lanes and paths, dog parks, environmental education areas, rental cabins, and nature inns/lodges were all listed more frequently as areas that should be increased in 2008 than in 2003.

Urban residents were most likely to indicate a need for a variety of types of areas and facilities, including picnic areas, playgrounds, tennis courts, golf courses, and sporting facilities such as basketball and volleyball courts and soccer, baseball, and football fields. Residents of suburbs and towns were the most likely to indicate a need for more bicycle paths, bike lanes, and mountain bike trails.

Generally, Pennsylvanians appear satisfied with the various types of recreation areas and opportunities available to them. Respondents reported the highest satisfaction with state areas, specifically, state parks, state forests and state game lands, all of which were rated as satisfactory by more than 60 percent of survey participants. Federal, county, municipal and private facilities were all rated as satisfactory by over half of respondents. Philadelphia residents indicated lower satisfaction with all types of recreation areas, and were most interested in seeing various programs of all types offered in their area.

Survey respondents were most interested in fitness and senior programs, followed by before and after school programs and environmental education. They generally thought the desired programs should be offered by local government agencies. About 40% indicated that activity skills, fitness programs, senior programs, and arts and crafts programs should be offered by local agencies. The major exception was for environmental

education, where the most favored provider was state government (41%). Pennsylvanians expressed strong interest in environmental programming as a component of outdoor recreation. Nearly three-fourths of respondents rated environmental and conservation programs, as well as recreation programs at parks and recreation areas, as very or extremely important.

Parks or trails account for a notable portion of Pennsylvanians' physical activity. Nearly three-fourths of survey respondents indicated that they walk or ride a bike in their neighborhood. They are more likely to walk or bike for fun or fitness than for commuting to work or shops, parks or other places in their community. Over two-thirds of those with school-aged children indicated that their children never walked or biked to school. However, nearly half stated they would like their children to walk or bike to school more frequently.

The majority of people surveyed feel that there is not enough open space near their homes, and that open space near where they live is threatened by development. Current survey respondents were more concerned about loss of open space but also more aware of the contribution of parks and recreation programs to quality of life and community.

Nearly all of the Pennsylvanians surveyed believe that it is important for citizens to play a role in conserving our lands and waters. The vast majority feel that individual actions make a difference in conserving the environment and feel that they do their part to conserve natural resources. The majority also believe that they have the necessary knowledge and resources to make wise choices to protect the environment.

Pennsylvanians clearly value the state's natural resources and are committed to conserving them. Protecting wildlife habitat/conserving natural resources and restoring damaged rivers and streams are among their highest priorities regarding recreation and conservation programs.





# INTRODUCTION

## Study Background and Objectives

The Pennsylvania resident survey was one of four coordinated research projects conducted in support of the 2009-2013 State Comprehensive Outdoor Recreation Plan (SCORP). Its purpose was to better understand outdoor recreation participation patterns and the opinions of Pennsylvanians regarding future recreation land conservation, facility development and management. The survey was designed to collect information related to the major themes of the plan and included questions on the following topics:

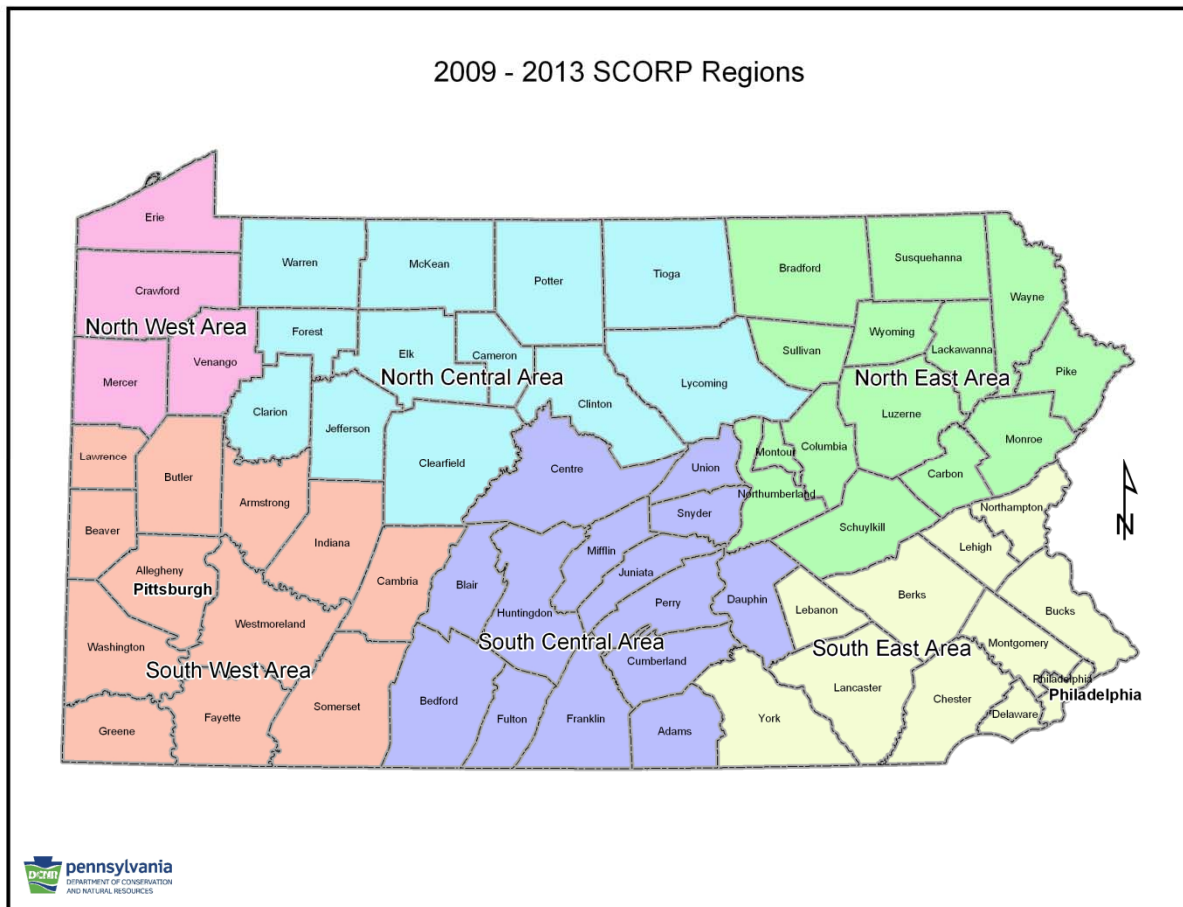
- Overall Recreation Participation
- Favorite Outdoor Recreation Activities
- Recreation Area and Facility Needs
- Outdoor Recreation and Physical Activity
- Perceived Impacts of Outdoor Recreation and Conservation
- Demographics

## Survey Methods

Data were collected through a mail/internet survey of the population of Pennsylvania. A representative sample of Pennsylvania residents was purchased from Survey Sampling Incorporated, a firm specializing in survey sample development. The sample was designed to provide even representation for six SCORP planning regions and the two urban areas of Philadelphia and Pittsburgh (Figure 1). The goal of the sample design was to achieve statistically valid data, defined as a 5% margin of error with 95% confidence, at a regional level. This goal resulted in a target sample size of about 350 completed responses per region. Questionnaires were sent to 1,600 residents in each region to achieve this target, based on an expected response rate of about 20-25%.

The survey instrument was developed in collaboration with DCNR representatives. To allow comparisons and analysis of trends, it contained many questions from previous SCORP surveys. While the 2003 Pennsylvania SCORP process used both a telephone and mail survey, the effort this year was limited to a mail survey. To the extent possible, questions and topics from both 2003 surveys were incorporated into the current study. The final questionnaire used was influenced by extensive input from the Technical Advisory Committee and DCNR representatives.

The survey was conducted between November, 2008 and February, 2009. The survey protocol followed the Dillman Total Design Method and included a total of five mailings (pre-survey letter, full survey mailing with return envelope, post card reminder, second full mailing, final post card reminder). Participants were invited to mail their questionnaires in prepaid, business reply envelopes or to complete the survey online. A total of 2,648 surveys were received, representing a response rate of about 21% (Table 1).



**Figure 1. SCORP Planning Regions for the 2009-2013 Outdoor Recreation Plan**

To check for non-response bias, or the possibility the responding households differed from the population they were intended to represent, 200 non-responding households were called and administered a brief interview with selected questions from the larger survey. The emphasis for this procedure was on the urban regions with lower response rates. Thus, 50 calls were completed for regions 6, 7, and 8, while the final 50 were done for the remaining regions within the state.

Results of the telephone calls showed that respondents were somewhat more active outdoor recreationists. Accordingly, results were used to adjust responses to selected questions. Additionally, data collected through the mail survey were weighted to allow extrapolation from the sample to the overall state population. The results were weighted by region and gender to provide the appropriate representation of the state population. Due to a small sample of non-white respondents it was not possible to weight the data by race or ethnicity.

**Table 1. Summary of Responses for 2008 SCORP Resident Survey**

<b>Status</b>	<b>Frequency</b>	<b>Percentage</b>
Completed mail survey	2287	16.3
Completed web survey	361	2.6
Stop sending surveys	229	1.6
Undeliverable surveys	927	6.6
No response	10185	72.8
<b>Total completed surveys</b>	<b>2648</b>	

<b>Region</b>	<b>Completed mail survey*</b>	<b>Completed web survey*</b>	<b>Un-deliverable/ Stop Sending</b>	<b>No response</b>	<b>Response Rate**</b>
1 North West	319 (13.9%)	52 (14.4%)	168	1208	23.5%
2 South West	318 (13.9)	45 (12.5)	112	1274	22.2
3 North Central	375 (16.4)	52 (14.4)	160	1162	26.9
4 South Central	362 (15.8)	59 (16.3)	129	1198	26.0
5 North East	319 (13.9)	48 (13.3)	165	1215	23.2
6 South East	225 (9.8)	41 (11.4)	133	1351	16.5
7 Pittsburgh	222 (9.7)	41 (11.4)	160	1327	16.5
8 Philadelphia	147 (6.4)	23 (6.4)	129	1450	9.2
<b>Total</b>	<b>2287</b>	<b>361</b>	<b>1156</b>	<b>10185</b>	<b>20.6</b>

\*Completed mail surveys and completed web surveys show both *number of surveys* and *percentages*

\*\* Response rate = Number of completed surveys divided by effective sample size (based on total surveys sent minus undeliverable addresses)

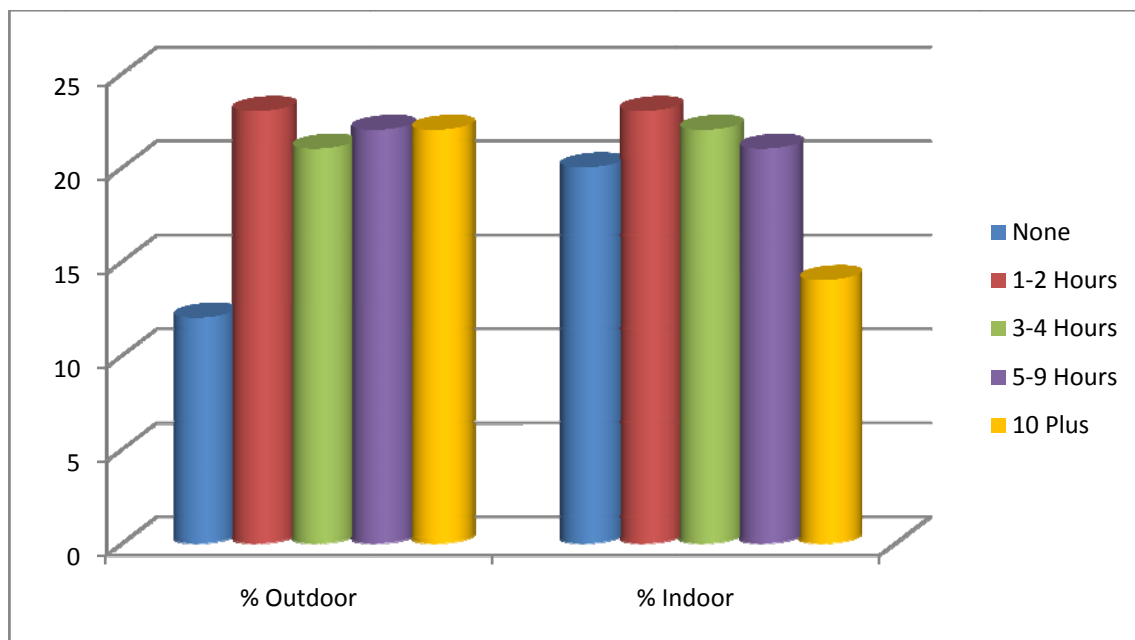
## RESULTS

### Overall Recreation Participation

*Many Pennsylvanians are active outdoor recreationists, participating in a variety of activities at different public and private areas. Areas managed by local and county government account for the largest portion (43%) of away-from-home outdoor recreation activity.*

The first section of the study questionnaire included several questions about residents' recreation participation patterns. Most of these questions were asked in previous SCORP surveys, so these results can be compared against earlier findings.

Respondents were slightly more active in outdoor recreation than in indoor recreation away from their homes (Figure 2). They averaged nearly six hours for outdoor activities versus five hours for indoor recreation activities. There was an inverse relationship between age and the average number of hours respondents spent on recreational activities in an average week. The older the respondent, the fewer the hours they spent recreating.



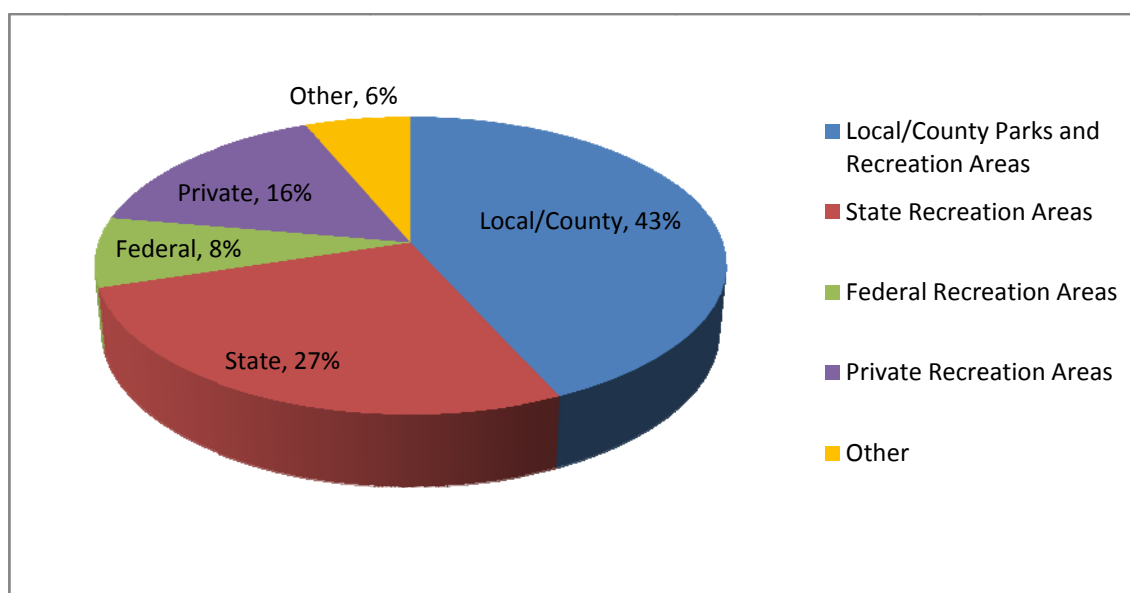
**Figure 2. Number of Hours Spent on Recreational Activities During an Average Week**

**Table 2. Number of Visits to Public Outdoor Recreation Areas**

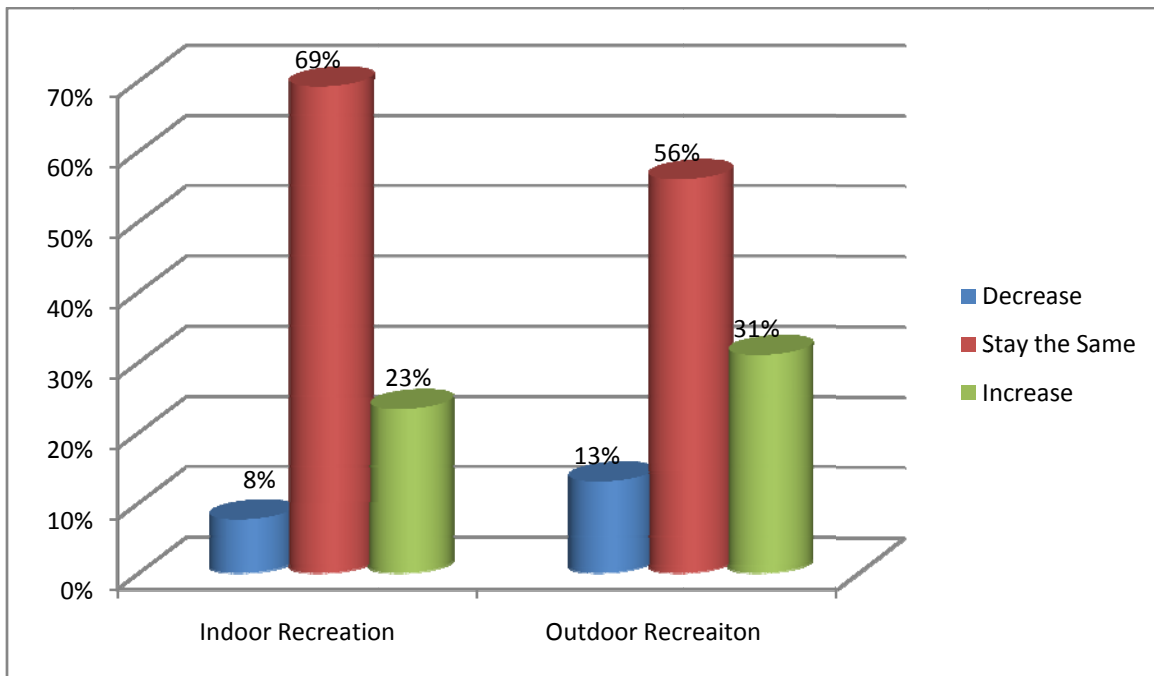
	In Pennsylvania	Out of State
In the last 3 Months	6	2
In the last 12 Months	20	4

Pennsylvania residents reported making an average of six visits to public outdoor recreation areas in Pennsylvania during the past three months and 20 visits during the past 12 months (Table 2). They also visited public outdoor recreation areas outside of Pennsylvania, with less frequency. The average number of trips to out of state outdoor recreation areas was about two visits during the past three months and four visits during the last 12 months.

As in previous surveys, areas managed by local and county government accounted for the largest portion (43%) of away-from-home outdoor recreation activity (Figure 3). About 30% of the total participation was at local/municipal parks and recreation areas, with 14% at county lands and facilities. Over one-fourth of outdoor recreation participation occurred at state areas including state parks, forests, game lands and other areas. Private/commercial recreation areas were next in visitation, accounting for 16% of outdoor recreation activity, while federal lands received less than 10% of outdoor recreation participation in Pennsylvania. Residents of urban areas (especially Philadelphia and Pittsburgh) allocated more of their outdoor recreation to local/municipal areas, while rural area residents spent much more of their time at state areas.



**Figure 3. Percent of Recreation Activities Away from Home by Location**



**Figure 4. Expected Change in Recreation Activity Over the Next 5 Years**

When asked how they expected their recreational activity to change over the next five years, respondents were most likely to say that it would “stay about the same” (Figure 4). Nearly one-third (31%) felt that their *outdoor* recreational activity would increase, compared to 23% who felt that their *indoor* recreational activity would increase. These expectations were related to age and income. Older individuals and those with lower incomes were more likely to expect a decrease in their outdoor recreation activity in the next five years.

Respondents were asked whether they and any other members of their household participated in a detailed list of outdoor recreation activities (Table 3). The list of activities was based on previous surveys but was modified slightly in response to input gathered during the development of the questionnaire. For example, some new activities were added, and others were re-worded to provide more useful and current information. In addition, individuals were asked to report on household members’ participation in addition to their own, which was not done in previous SCORP surveys.

The most popular activities included walking, driving for pleasure, picnicking, and swimming. These same activities have traditionally been the most popular forms of outdoor recreation in Pennsylvania. Some changes or current trends seem apparent, however. For example, among water-based activities, canoeing and kayaking seem to have increased in popularity. Participation rates for these two activities were 13% and 10%, respectively, compared to 9% for the combined category of canoeing/kayaking in 2003.

**Table 3. Reported Outdoor Recreation Activities Participated in during the Past Year**

<b>Trail/Street/Road Activities</b>	<b>Check if you participated during the past year</b>	<b>Check if others in your household participated during the past year</b>
Walking	84%	58%
Jogging	21%	19%
Hiking and Backpacking	17%	15%
Horseback Riding	6%	8%
Bicycling	25%	24%
Mountain Biking	9%	8%
Off-Road Motorcycling	2%	4%
ATV Riding	9%	10%
Four-Wheel Driving	8%	7%
Driving for Pleasure	52%	47%
<b>Water-based Activities</b>		
Swimming	52%	45%
Fishing	24%	25%
Power Boating	12%	11%
Water skiing	3%	5%
Jetskiing	4%	4%
Sailing	5%	4%
Canoeing	13%	12%
Kayaking	10%	9%
Tubing	10%	13%
Rowing	5%	6%
Other non-motorized boating	4%	4%
<b>Winter Activities</b>		
Downhill Skiing/ Snowboarding	10%	15%
Sledding/Tubing	20%	24%
Cross-country Skiing	5%	4%
Ice Skating/Hockey	8%	12%
Snowmobiling	4%	5%
Snowshoeing	2%	2%
Ice Fishing	4%	3%

**Table 3. Reported Outdoor Recreation Activities Participated in during the Past Year (Cont.)**

<b>Individual Sports</b>	<b>Check if you participated during the past year</b>	<b>Check if others in your household participated during the past year</b>
Skateboarding/ Rollerblading	5%	14%
Handball/Racquetball	3%	6%
Tennis	11%	12%
Archery	9%	8%
Rifle/Handgun Shooting	20%	17%
Horseshoes	18%	13%
Golf	22%	18%
Disc Golf	2%	2%
Rock Climbing	3%	5%
Geocaching	2%	3%
<b>Group Sports</b>		
Baseball	8%	13%
Softball	10%	11%
Basketball	10%	16%
Soccer	6%	12%
Football	7%	14%
Volleyball	10%	11%
<b>Land-based Activities</b>		
Hunting	13%	14%
Camping	17%	18%
Picnicking	57%	43%
Playground Use	32%	31%
Dog walking	33%	26%
<b>Viewing/Learning Activities</b>		
Birding/Bird watching	31%	19%
Sky Diving/Hang Gliding	1%	2%
Visiting Historic Sites	54%	39%
Nature Study	21%	16%
Wildlife Viewing	43%	33%
Fish Viewing	13%	11%
Night Sky Viewing	35%	24%



In an open-ended question, Pennsylvania residents were asked, “*what benefits does your household receive from participating in outdoor recreation activities?*” See Table 4 for a summary of the major categories of perceived benefits listed by respondents.

Over one-third of all responses to this question referred to some type of health-related benefit, including both improved physical and mental health. An additional 11% involved relaxation or stress release, which might be considered other health-related outcomes. In total then, nearly half of the top-of-mind benefits attributed to outdoor recreation involved something related to physical or mental health.

Experiencing nature and interaction with family and others were each mentioned by about 15% of the Pennsylvanians surveyed. About 10% mentioned specific activities as benefits of outdoor recreation participation. The activities mentioned most often were fishing, hunting, and walking. Other major themes among the perceived benefits included fun/enjoyment (5%), knowledge/education (3), financial aspects (2%), and other miscellaneous responses.

Younger people (including baby boomers and post-boomers) were much more likely to cite things related to health, nature, social experience and relaxation as benefits of outdoor recreation participation. Women were more likely than men to mention health-related, nature-based and social benefits of outdoor recreation, while men were more likely than women to mention relaxation and financial benefits of outdoor recreation. See Appendix 2 for a detailed list of outdoor recreation benefits listed by respondents.

**Table 4. Summary of Responses to “*What benefits does your household receive from participating in outdoor recreation activities?*”**

<b>Perceived Benefit</b>	<b>Percent of Responses</b>
Health (exercise, physical fitness, mental health)	37%
Experience Nature (fresh air, enjoying nature/outdoors)	15%
Social (family time, being with others)	15%
Relaxation (stress relief, peace of mind)	11%
Activities (fishing, hunting, walking)	10%
Fun (enjoyment, entertainment)	5%
Knowledge and Education (learning about nature and environment)	3%
Financial (meat on the table, inexpensive)	2%
Other (benefits for pets)	1%

In like manner, visitors were asked, “*What are the most important reasons keeping you from participating in outdoor recreation activities as often as you would like?*” See Appendix 2 for a detailed list of their responses and Table 5 for a summary of the major categories of perceived constraints to outdoor recreation.

Nearly half of the listed constraints to outdoor recreation involved commitments to work, school, or schedules of some sort. Another 15% were related to health and disabilities, and 11% reflected limitations related to weather and seasonality. Almost one-tenth mentioned financial constraints including increasing costs, gas prices and other economic considerations. Most of these constraints are relatively uncontrollable, yet they profoundly impact people’s recreation participation.

Factors related to facilities, services, information and other items under managerial control were mentioned relatively infrequently. Addressing distance and transportation-related constraints is one strategy that might help some individuals to expand their outdoor recreation pursuits.

Older individuals were much more likely to mention health constraints as items limiting their recreation participation. Men were slightly more likely than women to list work and school related constraints, while women were slightly more likely than men to mention health-related, financial, and social constraints to outdoor recreation.

**Table 5. Summary of Responses to “*What are the most important reasons keeping you from participating in outdoor recreation activities as often as you would like?*”**

Perceived Constraint	Percent of Responses
Work and School (work schedule, job, occupation)	30%
Time (lack of time, busy schedule)	18%
Health (age, health issues, disabilities)	15%
Weather and Seasonal (cold weather, bad weather)	11%
Financial (money, gas prices, finances)	9%
Social (family commitments, no one to go with)	7%
Facilities and Services (lack of facilities, accessibility)	5%
Location and Distance (travel)	4%
Intrapersonal (lack of interest, lazy)	2%
Safety	<1%

## Preferred Outdoor Recreation Activities

*Activities with the highest levels of participation include dog walking, birding/bird watching, walking, and jogging/running. People tend to travel the greatest distances for traditional outdoor activities like fishing, camping, and boating. Activities showing the highest economic expenditures include boating, camping, and driving for pleasure.*

To collect more detailed information about individual outdoor recreation activities, respondents were asked several questions about their favorite outdoor recreation interests. These questions included their frequency of participation (days in the past year), their normal and maximum travel time to participate in the activity, and the amount of money they spent within the previous year for *equipment* for the activity and for *participation* in the activity. Table 6 summarizes the results for the most popular activities (those with more than 100 responses).

Activities with the highest levels of participation in terms of days per year include dog walking, birding/bird watching, walking, and jogging/running. Dog walking had not been measured in previous surveys in Pennsylvania, but is currently a popular close-to-home activity practiced regularly by many people.

Summary statistics shown in Table 6 should be interpreted carefully in light of the way the questions were asked. Respondents were asked to report on up to five of their own or someone in their households' favorite activities. Thus, the profiles shown characterize activity enthusiasts rather than the typical or average participant. Nonetheless, they provide useful information about the participation, travel and related spending associated with various outdoor recreation activities.

People tend to travel the greatest distances for traditional outdoor activities like fishing, camping, and boating. Not surprisingly, they are willing to travel great distances to visit historic sites or just for sightseeing (or driving for pleasure).

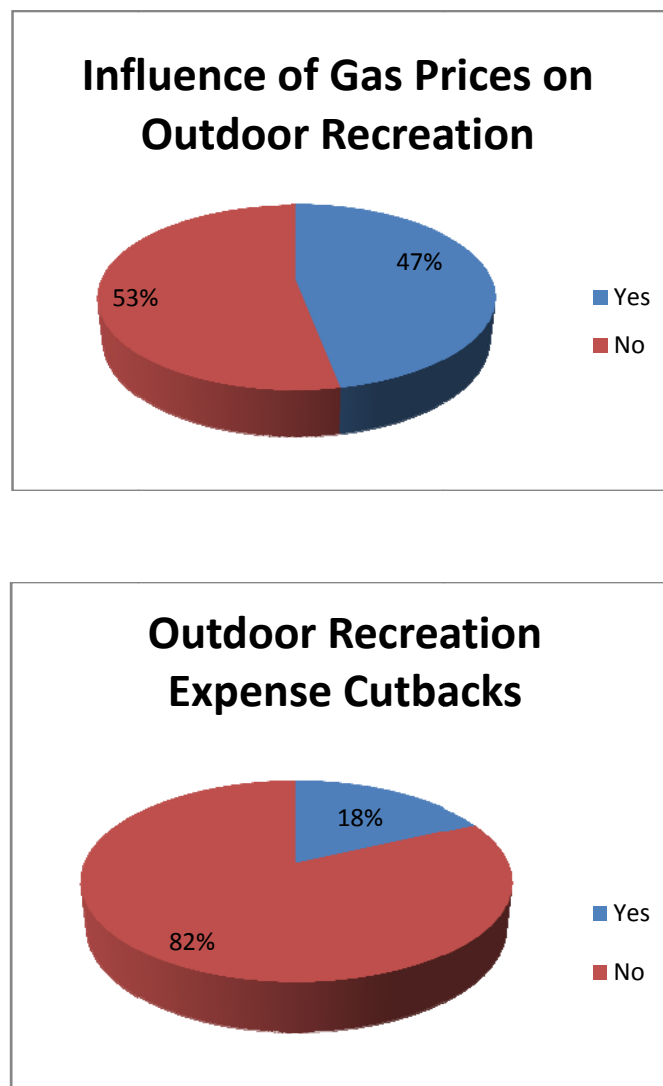
Activities showing the highest economic expenditures include boating, camping, and driving for pleasure. All of these activities may involve costly capital expenditures (e.g. boats, camping equipment, vehicles), as well as fuel costs, which have risen dramatically.

**Table 6. Profile of Respondents' Favorite Outdoor Recreation Activities**

Activity	Number of respondents per activity	Days in past year	Normal traveling time (minutes)	Maximum traveling time (minutes)	Dollars spent on equipment for the activity	Dollars spent participating in the activity
Walking	920	128	21	123	50	46
Fishing	664	28	223	456	547	284
Camping	446	18	221	695	1993	536
Bicycling	412	49	46	100	353	100
Hiking and backpacking	386	28	75	278	102	178
Swimming	379	47	79	120	690	151
Hunting	362	21	68	265	424	263
Golf	282	37	37	271	368	927
Picnicking	169	13	43	108	133	84
Dog walking	157	208	16	47	33	27
Jogging/running	150	127	21	80	141	97
Boating	127	20	148	304	3545	522
Birding/bird watching	114	163	82	199	143	68
Downhill skiing/ snowboarding	113	11	96	201	525	569
Driving for pleasure	108	58	647	820	4216	635
Visiting historic sites	107	11	235	868	37	449
Baseball	101	48	51	75	199	197

Responding to a question about the effects of fuel costs on their outdoor recreation, nearly half (47%) of survey respondents indicated the price of gasoline had influenced their participation in outdoor recreation activities (Figure 5). Their most common responses involved traveling less, staying closer to home, and participating less often in outdoor recreation activities. Not surprisingly, the cost of gasoline was more likely to affect the outdoor recreation patterns of those with lower incomes.

However, about one-fifth (18%) of respondents reported cutting back expenses in other areas to continue their participation in outdoor recreation activities. Their most common responses were to eat out less often and to cut back spending in general or in specific categories such as entertainment or equipment (See appendix 2 for detailed responses to these questions).



**Figure 5. Responses to Questions about the Impacts of Fuel Prices on Outdoor Recreation**

## Recreation Area and Facility Needs

*Pennsylvanians expressed a need for more and better quality bike lanes and paths. Other high priority needs included more dog parks, rental cabins, nature inns/lodges, and wildlife viewing areas.*

Assessing the adequacy of existing recreation areas and facilities is a key component of recreation planning. As in past surveys, Pennsylvania residents were asked about their perceptions of a wide variety of recreation areas and facilities. Differing from past surveys, the questions were modified this time to provide assessment of both the number and quality of the various types of facilities and areas.

Table 7 shows relatively high priority needs as indicated by a majority of residents rating either the quantity or quality of various facilities/areas as inadequate (see Appendix 5 for detailed results about all of the types of facilities/areas listed in the survey questionnaire). Respondents were more likely to indicate a need for more facilities/areas than a need for improved quality. For example, over two-thirds of those responding (69%) indicated a need for more bike lanes, with 60% indicating that bike lanes should be improved. Slightly lower numbers were shown for bike paths.

Trails and paths for walking and biking emerged as some of the greatest facility needs expressed by the respondents. Besides bike lanes, at least 60% of those responding felt that there should be more dog parks, rental cabins, nature inns/lodges, and wildlife viewing areas. These types of areas were also most likely to need improvements in quality.

Perceived needs varied considerably among those living in different types of areas. For example, residents of suburbs and towns were the most likely to indicate a need for more bicycle paths, bike lanes, and mountain bike trails. Those living in towns and rural areas indicated the most need for more ATV and four-wheel driving trails. People living in cities and suburbs indicated greater need for more access to water-based recreation areas, including lake/stream swimming areas and lake and river access. Urban residents were also most likely to indicate a need for a variety of types of areas and facilities, including picnic areas, playgrounds, tennis courts, golf courses, and sporting facilities such as basketball and volleyball courts and soccer, baseball, and football fields.

**Table 7. Top Recreation Area and Facility Needs (Quantity and Quality)**

Facilities	% Responding	Number Should be Increased	Quality Should be Improved
Bicycle Paths	61%	55%	42%
Natural or Wild Areas	60%	54%	42%
Indoor Pools	58%	51%	38%
Environmental Education Areas	55%	56%	43%
Wildlife Viewing Areas	54%	60%	47%
Bike Lanes	49%	69%	60%
Dog Parks	45%	64%	51%
Ice Rinks	43%	50%	36%
Rental cabins	42%	62%	46%
Fish Viewing Areas	38%	54%	43%
Nature Inns/Lodges	37%	60%	42%
Rifle/Handgun Ranges	37%	50%	38%
Skateboarding/Rollerblading Areas	36%	51%	39%
Mountain Bike Trails	33%	51%	36%
Archery Ranges	31%	51%	36%



**Table 8. Satisfaction with Recreation Areas and Opportunities in Pennsylvania**

Type of Recreation Area	Satisfied or Very Satisfied	Mean
State Parks	68%	3.8
State Forests	66%	3.8
State Game Lands	61%	3.7
Municipal parks/recreation areas	55%	3.6
Federal parks/forests/recreation areas	56%	3.6
County parks/recreation areas	55%	3.5
Private/Commercial recreation areas	53%	3.5

\*Response is on a 5 point scale ("Very unsatisfied" to "Very Satisfied").

Pennsylvanians are generally quite satisfied with the various types of recreation areas and opportunities available to them (Table 8). They reported the highest satisfaction levels with state areas, but the majority also was either satisfied or very satisfied with all of the types of areas listed. However, Philadelphia residents indicated lower satisfaction with all types of recreation areas than residents of other areas.





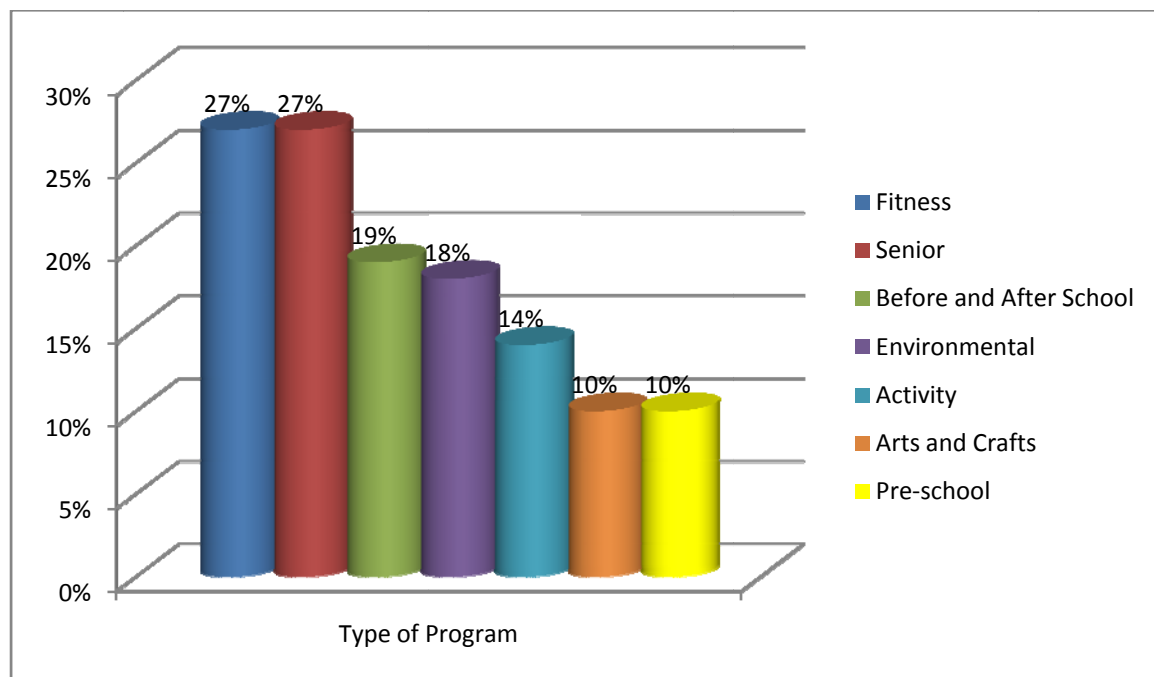
## Recreation Program Interests

*Survey respondents were most interested in fitness and senior programs, followed by before and after school programs and environmental education. They generally thought the programs should be offered by local government agencies, except for environmental education, where the most favored provider was state government.*

As in past surveys, respondents were asked what types of programs they would like to see offered in their area. For the first time, this survey included a follow-up question asking who should provide the desired programs. Responses were grouped into major categories as shown in Table 9.

Survey respondents were most interested in fitness and senior programs (27% each), followed by before and after school programs (19%) and environmental education (18%) (Figure 6). About 14% were interested in activity skills programs, while arts and crafts and pre-school programs each appealed to about 10% of the respondents.

Philadelphia residents were generally more interested than residents of other areas in all types of programs. Those with the lowest incomes tended to be less interested in environmental education programs and more interested in arts and crafts and senior programs. Younger individuals tended to show more interest in most types of programs, while senior citizens, not surprisingly, were especially interested in senior programs.



**Figure 6. Types of Programs Respondents Would Like to See Offered in their Area (Percent)**

The respondents generally thought the desired programs should be offered by local government agencies (Table 9). About 40% indicated that activity skills, fitness programs, senior programs, and arts and crafts programs should be offered by local agencies. The major exception was for environmental education, where the most favored provider was state government (41%). This finding likely reflects Pennsylvanians' experience with environmental education programs offered in the State Parks and State Forests.

State government was generally the second most favored provider of programs, usually accounting for between 14% and 25% of all responses (except for environmental education). Fairly small minorities selected the private or non-profit sectors as program providers. The private sector was highest for pre-school programs (15%), while non-profit organizations were highest for fitness and before/after school programs (16% each). The remaining categories (schools, churches, and county and federal agencies) all showed low frequencies, generally well under 10% of the responses.

**Table 9. Respondents' Views on Who Should Provide Various Types of Programs (Percent).**

Who Should Provide Program*	Type of Program						
	Activity Skills	Arts and Crafts	Environmental Education	Before and After School Programs	Pre-school Programs	Fitness Programs	Senior Programs
Local Agency	44.3	39.2	28.7	24.8	20.4	43.4	39.5
County Agency	3.3	1.7	6.2	2.9	3.6	2.8	3.2
State Agency	25.2	13.5	41.2	18.5	23.7	16.3	17.5
Federal Agency	2.3	2.1	4.9	2.5	6.8	2.3	3.6
Schools	1.2	2.2	1.5	8.2	6.9	3.4	0.4
Non-profit Organization	10.4	13.5	6.6	15.6	13.5	15.6	14.0
Private Sector	13.1	11.7	6.0	12.2	15.1	12.5	8.7
Church	0	0	0	0.7	1.6	0	0.6
Other	2.7	2.8	2.9	2.9	2.2	4.6	3.5
Not Sure	2.3	3.0	1.6	0.6	0.8	0.8	1.4
All	2.5	2.9	6.2	3.0	1.9	2.2	3.1

\*Totals will not equal 100% because respondents could list more than one provider.

## Outdoor Recreation and Physical Activity

*Parks or trails account for a notable portion of Pennsylvanians' physical activity. Among the health benefits they receive from their outdoor recreation participation, residents gave the highest ratings for reduced stress and improved mental health, followed closely by improved level of physical fitness and improved physical health.*

Based on current levels of interest in physical activity as a major factor related to quality of life, the survey instrument included a section about outdoor recreation and physical activity. One question asked the respondents how many times, and for how long, they participated in three types or levels of *recreation activities in the outdoors* (Table 10). Respondents reported higher rates of participation in light or moderate physical activity (4.3 and 3.8 times per week, respectively) than for strenuous activity (2.8 times per week).

Relative to locations for physical activity, Pennsylvanians use parks and trails for a portion of their outdoor physical activity. While they tend to spend more time at other settings, parks or trails account for a notable portion of physical activity (39%, 38%, and 34%, respectively, of total strenuous, moderate, and light activity).

**Table 10. Physical Activity and Outdoor Recreation**

Type or Level of Activity	Average # of Times per Week	Average Minutes per Week by Level of Activity	
		Park or Trail	Other Settings
<b>Strenuous</b> (Heart Beats Rapidly)	2.8	79	124
<b>Moderate</b> (Not Exhausting)	3.8	90	148
<b>Light</b> (Minimal Effort)	4.3	65	126

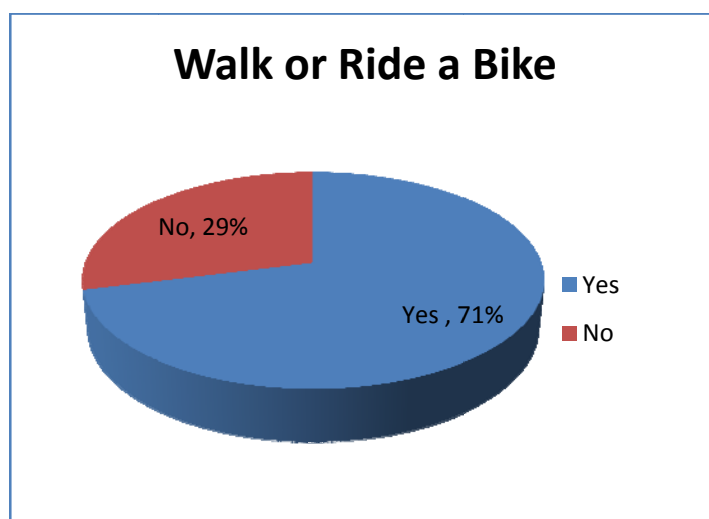
When asked about the health benefits they receive from their outdoor recreation participation, respondents gave the highest ratings for reduced stress and improved mental health, followed closely by improved level of physical fitness and improved physical health (Table 11). However, at least two-thirds of the residents surveyed indicated a 4 or 5 on the perceived benefit 5-point scale for all of the items listed. The perceived health benefits from outdoor recreation were inversely related to age, and women perceived greater health benefits than men from their outdoor recreation participation.

**Table 11. Health Benefits of Outdoor Recreation**

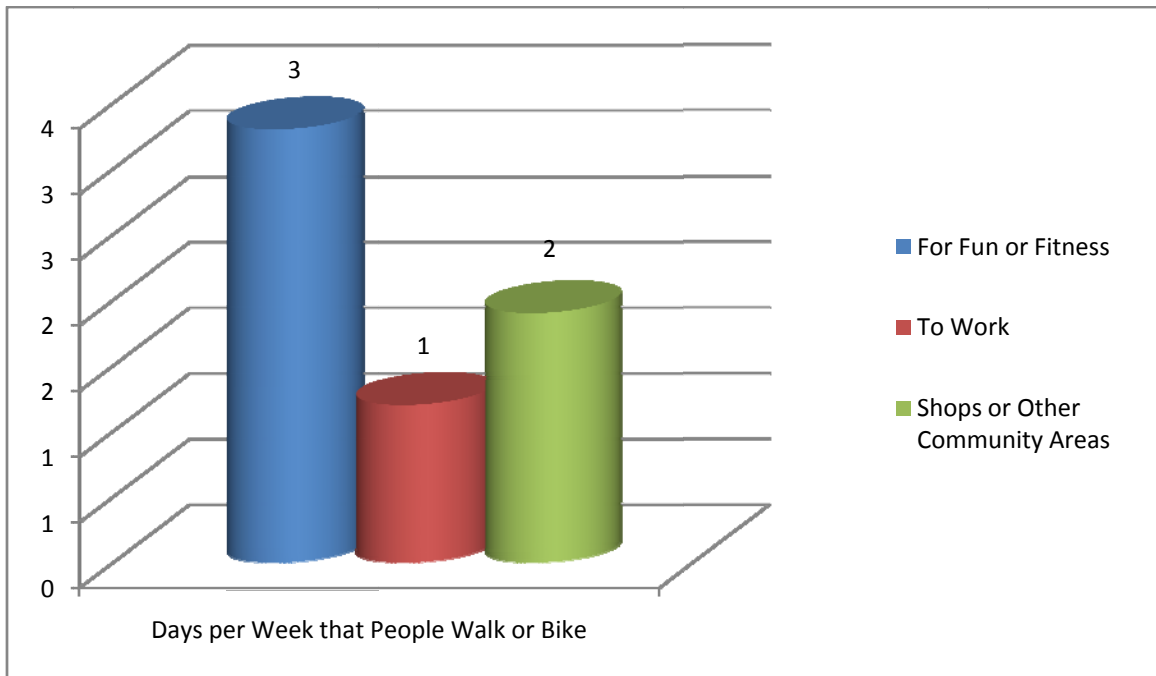
Health Benefit	% Reporting “4” or “5”	Mean*
Reduced stress	86%	4.3
Improved mental health	84%	4.3
Improved level of physical fitness	81%	4.2
Improved physical health	82%	4.2
Reduced anxiety	77%	4.1
Enhanced family interaction	69%	3.9
Other	67%	3.7

\*Response is on a 5 point scale (“Not at all” to “A great deal”).

Nearly three-fourths of survey respondents indicated that they walk or ride a bike in their neighborhood (Figure 7). There was an inverse relationship between age and whether the respondent reported walking or riding a bike in their neighborhood. The older the participant, the less likely they were to walk or ride a bike in their neighborhood.



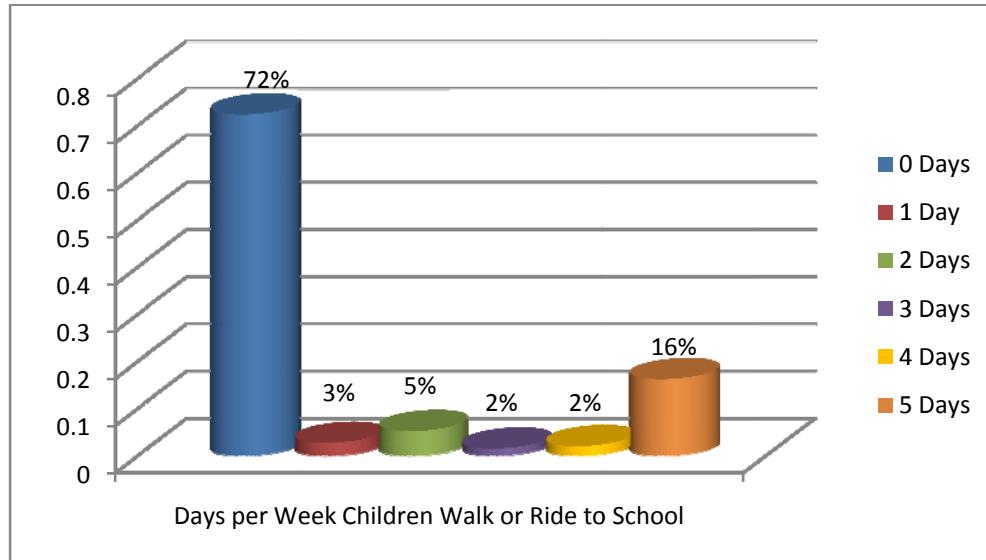
**Figure 7. Percent Reporting They Walk or Bike in Their Neighborhood**



**Figure 8. Average Days per Week People Walk or Ride a Bicycle by Reason**

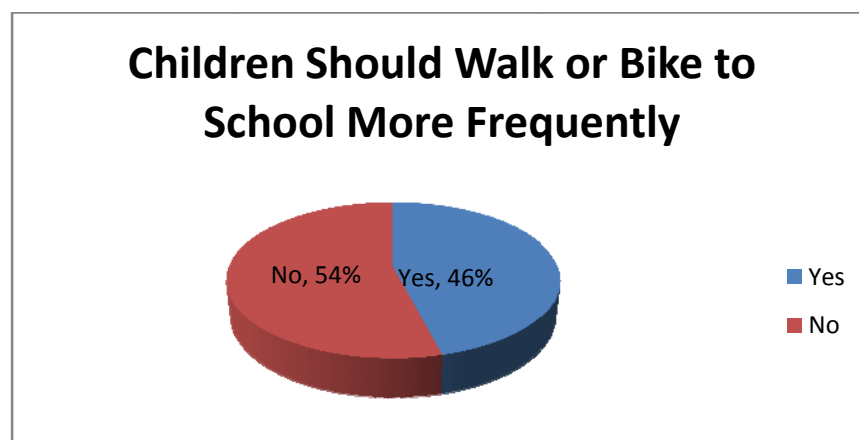
The residents were more likely to walk or bike for fun or fitness than for commuting to work or shops, parks or other places in their community (Figure 8). They were also asked what changes they would like to see in their community for pedestrians or cyclists. The most common responses mentioned cycling areas like bike lanes and paths, and improvements for pedestrians such as more walking paths and sidewalks (see Appendix 2 for a summary of responses to this and other open-ended questions in the survey instrument).





**Figure 9. Days per Week That Children Walk or Bike to School**

Respondents with school-aged children were also asked how often their children walked or rode their bikes to school. Over two-thirds of these respondents (72%) indicated that their children never walked or rode a bike to school. Among those that did, the majority did so five days per week (Figure 9). However, nearly half (46%) stated they would like their children to walk or bike to school more frequently (Figure 10). People living in towns were the most likely to have their children walk or ride their bikes to school. To the contrary children in rural areas were the least likely to walk or ride their bikes to school, and their parents were the least likely to want them to walk or bike to school more frequently.



**Figure 10. Percent That Would Prefer Their Children Walk or Bike to School More Often**

## **Perceptions of the Impact of Outdoor Recreation and Conservation**

*Pennsylvanians clearly value the state's natural resources and are committed to conserving them. Protecting wildlife habitat/conserving natural resources and restoring damaged rivers and streams are among their highest priorities regarding recreation and conservation programs.*

The resident survey included a series of questions dealing with citizens' perceptions of several issues related to outdoor recreation and conservation. These questions addressed topics related to the major themes of the current outdoor recreation plan. Most of them had been asked in the most recent (2003) survey, allowing a comparison of changes over the past five years.

### **Open Space and Trails**

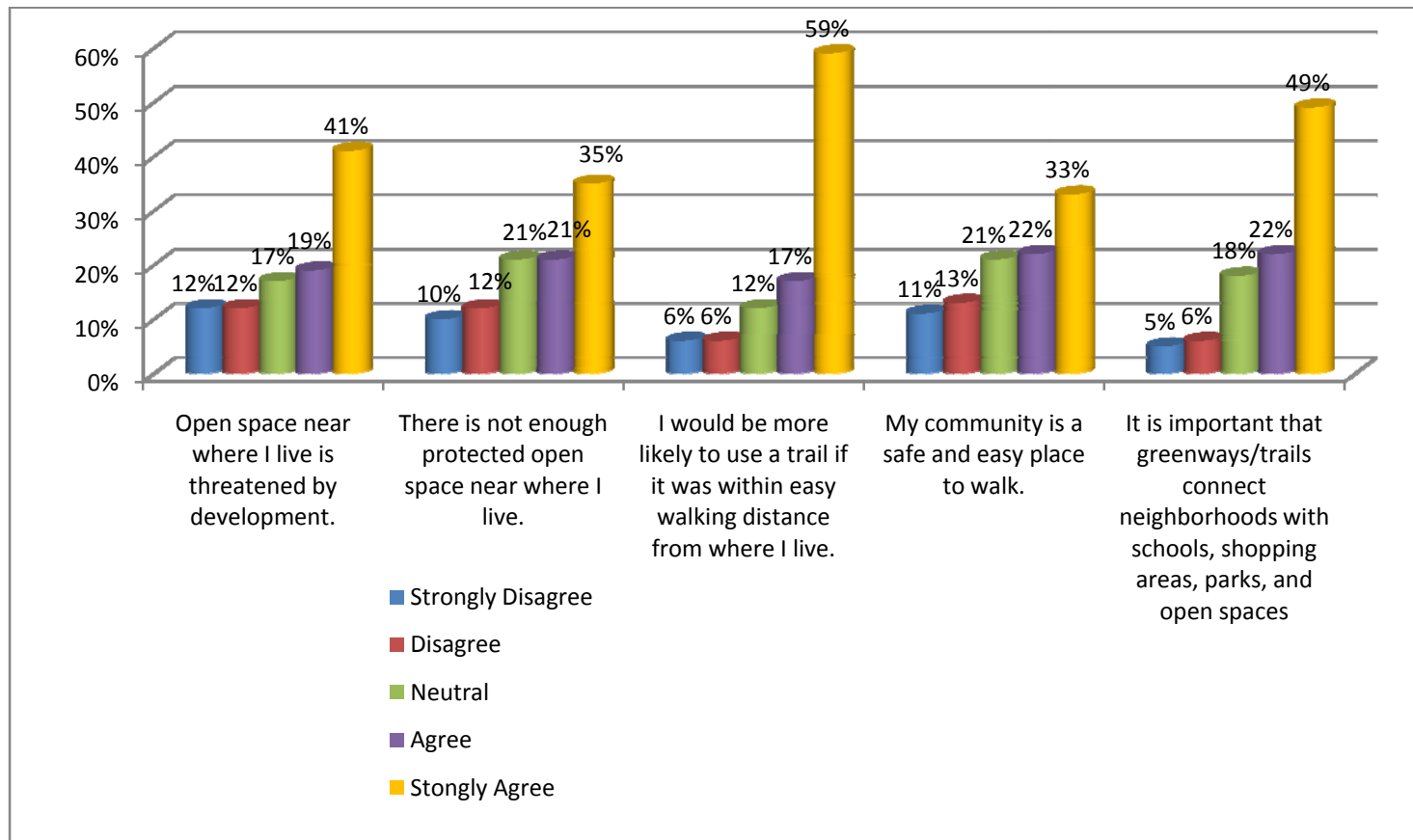
The first set of questions dealt with open space and trails (Figure 11). The majority of respondents feel that there is not enough open space near their homes, and that open space near where they live is threatened by development. Although most feel that their community is a safe and easy place to walk, nearly half strongly agreed that they would be more likely to use a trail if it was within easy walking distance from where they live. They feel strongly that it is important that greenways/trails connect neighborhoods with schools, shopping areas, parks, and open spaces.

### **Public Recreation Quality**

Four questions probed perceptions of the quality of public recreation and the environment (Figure 12). The majority of Pennsylvanians surveyed feel that public recreation areas near where they live are well maintained, but only 38% feel that they are adequately policed. Nearly two-thirds believe the general environmental quality of public recreation areas near them is good. However, a notable minority (28%) believe that streams and rivers in their area are in poor condition.

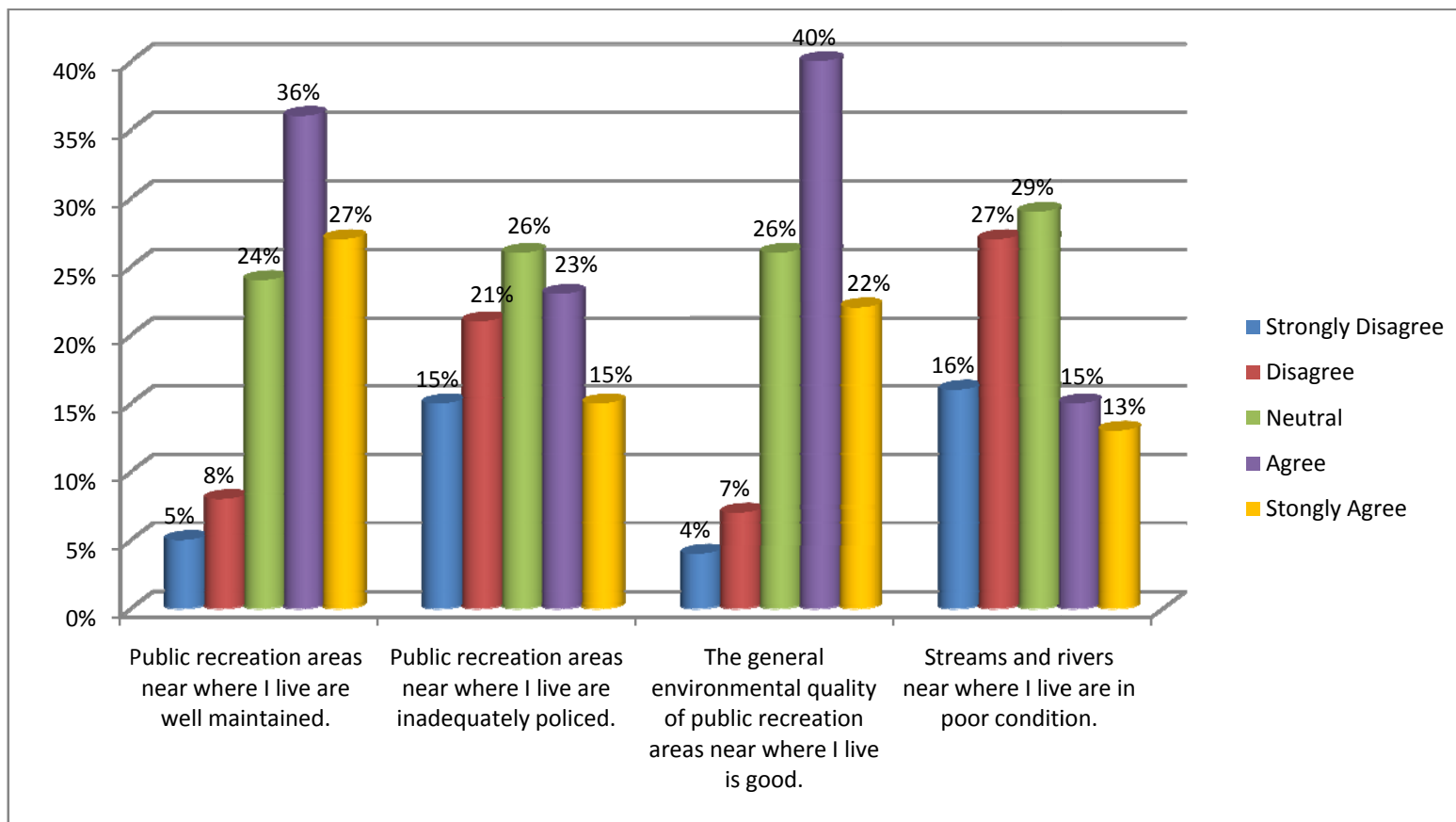
### **Individuals' Role in Conservation**

There were four questions about people's role in conservation (Figure 13). The vast majority of respondents (77%) strongly agreed that it is important for citizens to play a role in conserving our lands and waters. Likewise, most agreed that they do their part to conserve our natural resources. They tend to disagree that their individual actions make no difference in conserving the environment, and believe that they have the necessary knowledge and resources to make wise choices to protect the environment.

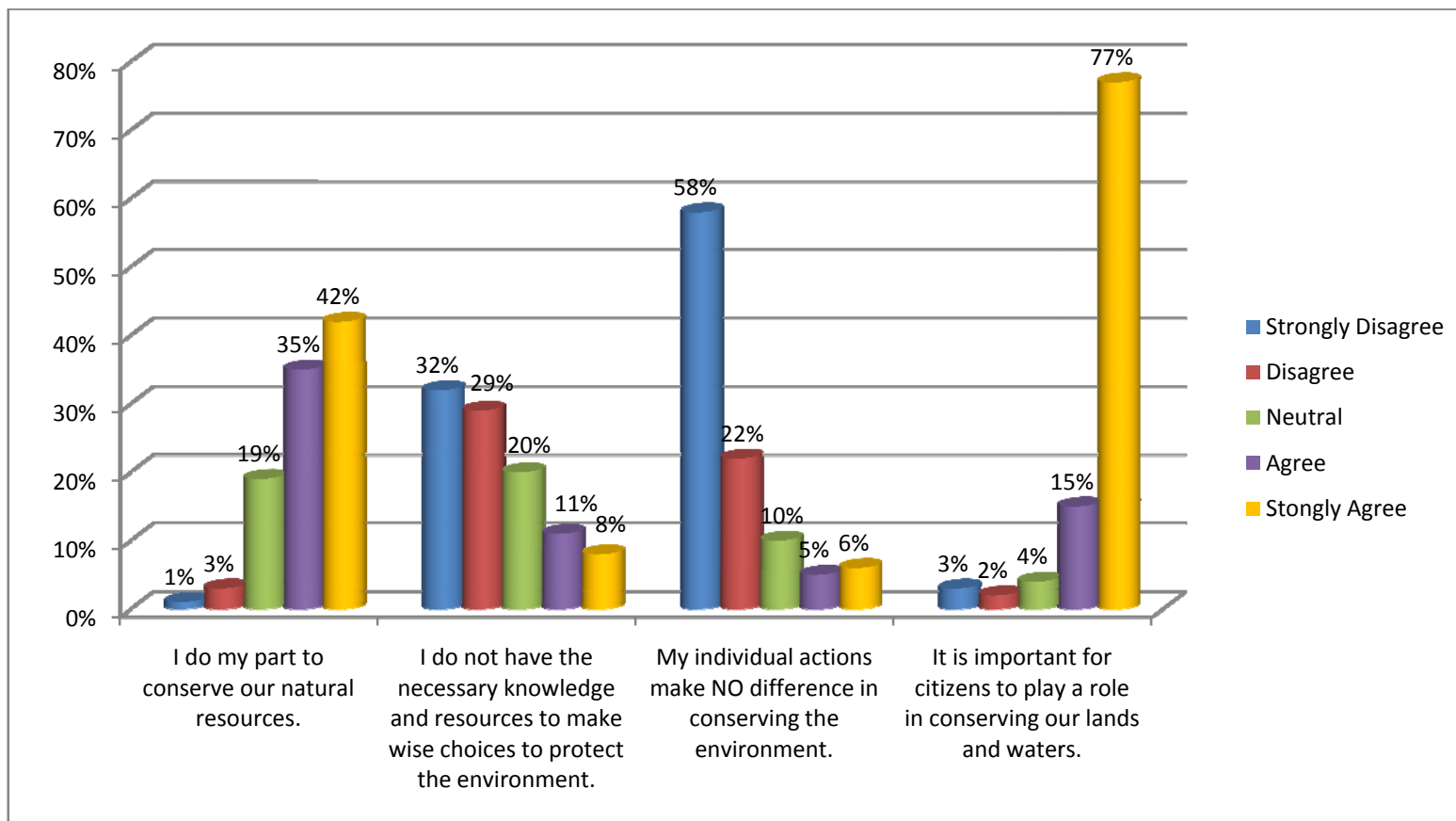


**Figure 11. Residents' Perceptions about Open Space and Trails**





**Figure 12. Residents' Perceptions about Quality of Public Recreation**



**Figure 13. Residents' Perceptions about their Personal Role in Conservation**

## **Perceptions about State and Municipal Governmental Responsibilities**

About two-thirds of Pennsylvanians surveyed agreed that the state should do more to increase awareness of rivers conservation and reconnecting communities to the riverfront, and needs to increase its permanent source of funding for park and recreation opportunities based on general tax revenues (Figure 14). Respondents were more likely to disagree that the Commonwealth is doing enough to plan for the future of our natural resources. They were almost evenly divided on whether the state provides enough information about recreation opportunities at State Parks and Forests.

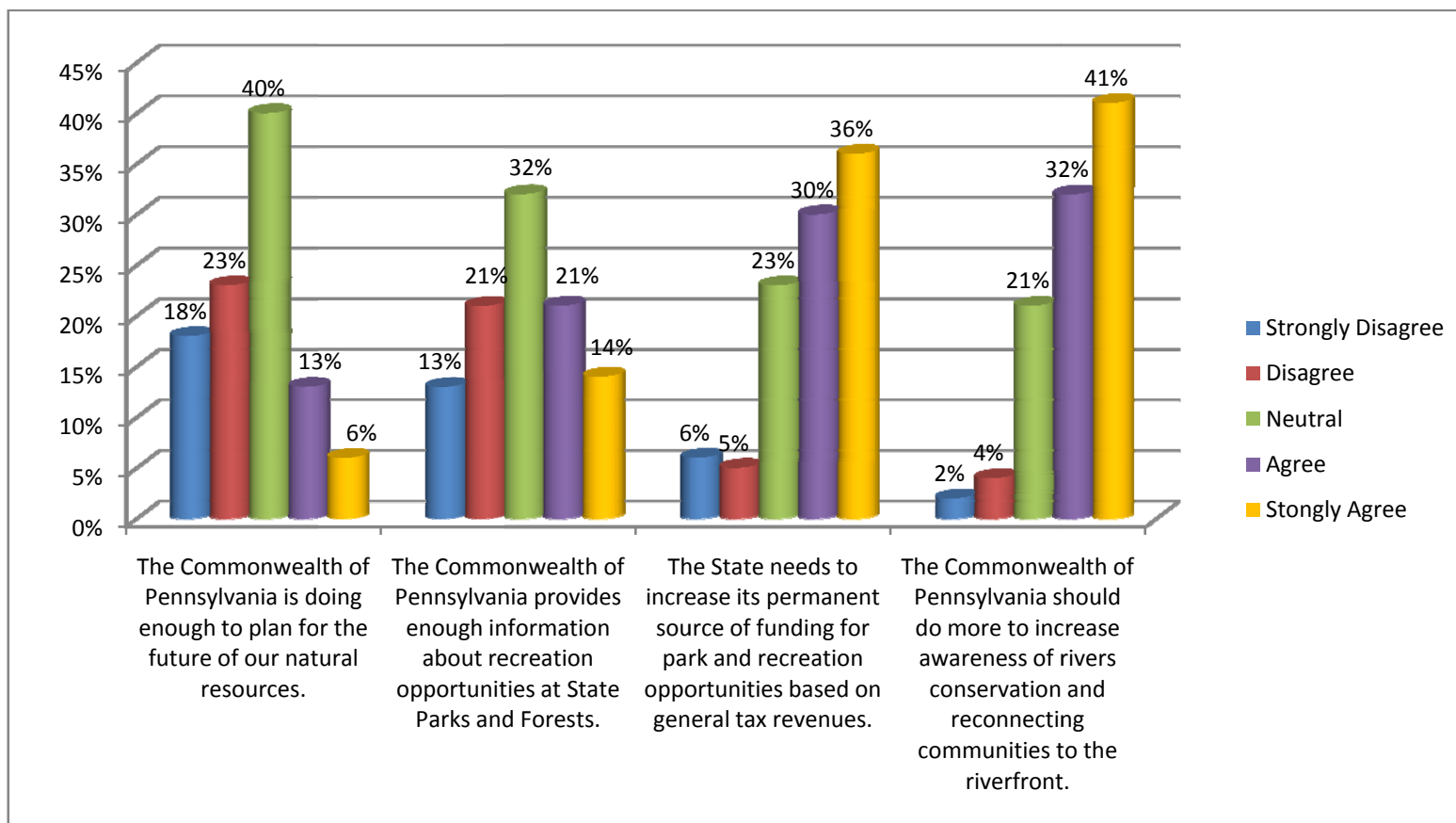
Regarding municipal governmental roles and responsibilities, the majority of respondents agree that municipalities in their area should join together to form a parks and recreation department (Figure 15). About half don't think local government is doing enough to plan for the future of our natural resources. As with state government, two-thirds of respondents feel that their municipality should have a permanent source of funding for park and recreation opportunities based on general tax revenues.

## **Perceptions about Public Recreation Availability**

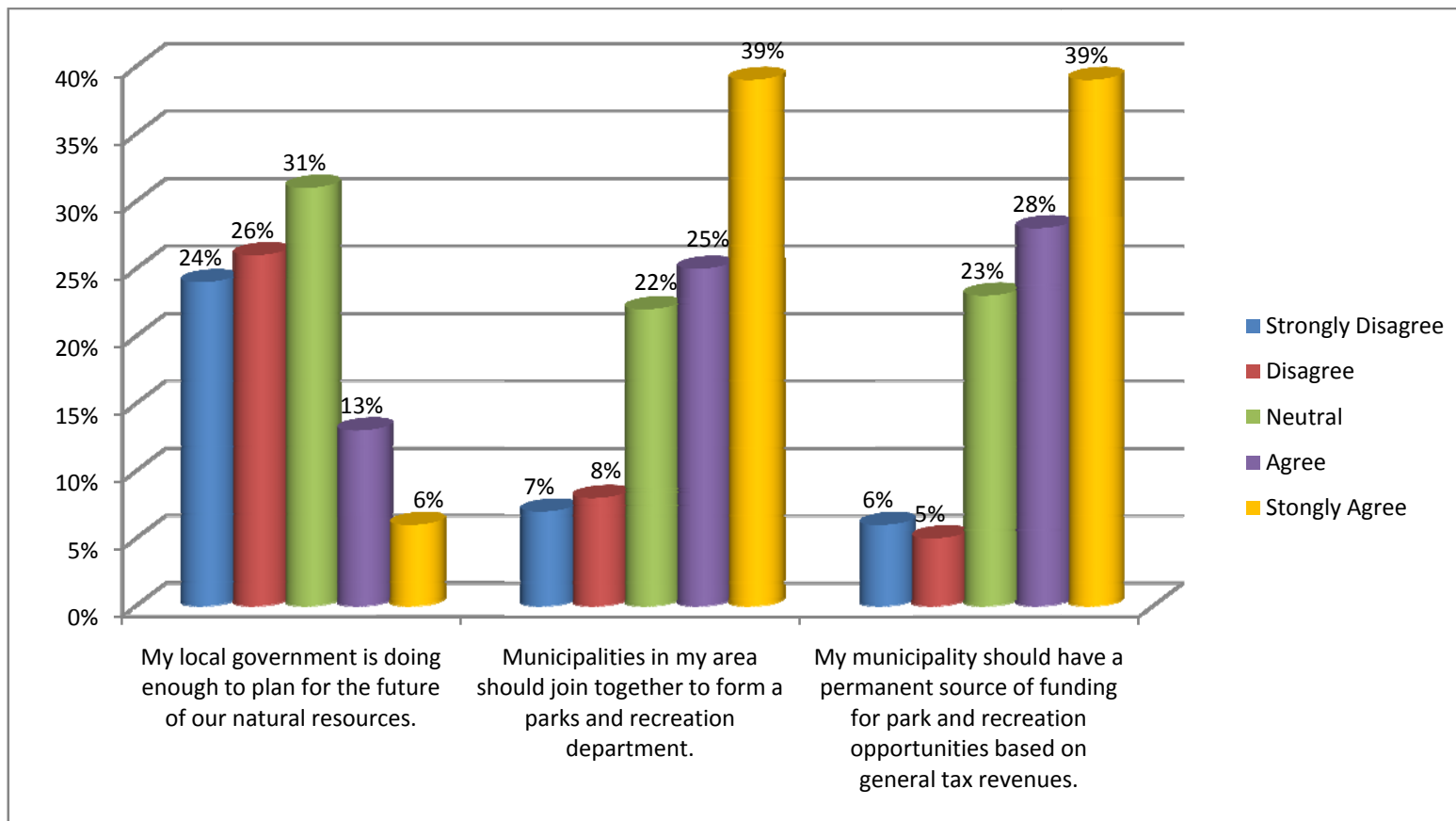
Pennsylvania residents are almost evenly divided on whether there are enough public recreation areas close to where they live (Figure 16). Most feel that local waterways for fishing and boating opportunities are accessible to them. The majority believes that public recreation areas and programs near where they live are accessible to people with disabilities, but the majority also agree that public transportation to recreation areas near where they live is inadequate. Two-thirds of respondents feel that maintaining the public recreation areas we now have is as important as adding new parks in Pennsylvania. The majority feel that they need more information about the availability of recreation areas and opportunities.

## **Perceptions about the Effects of Public Land**

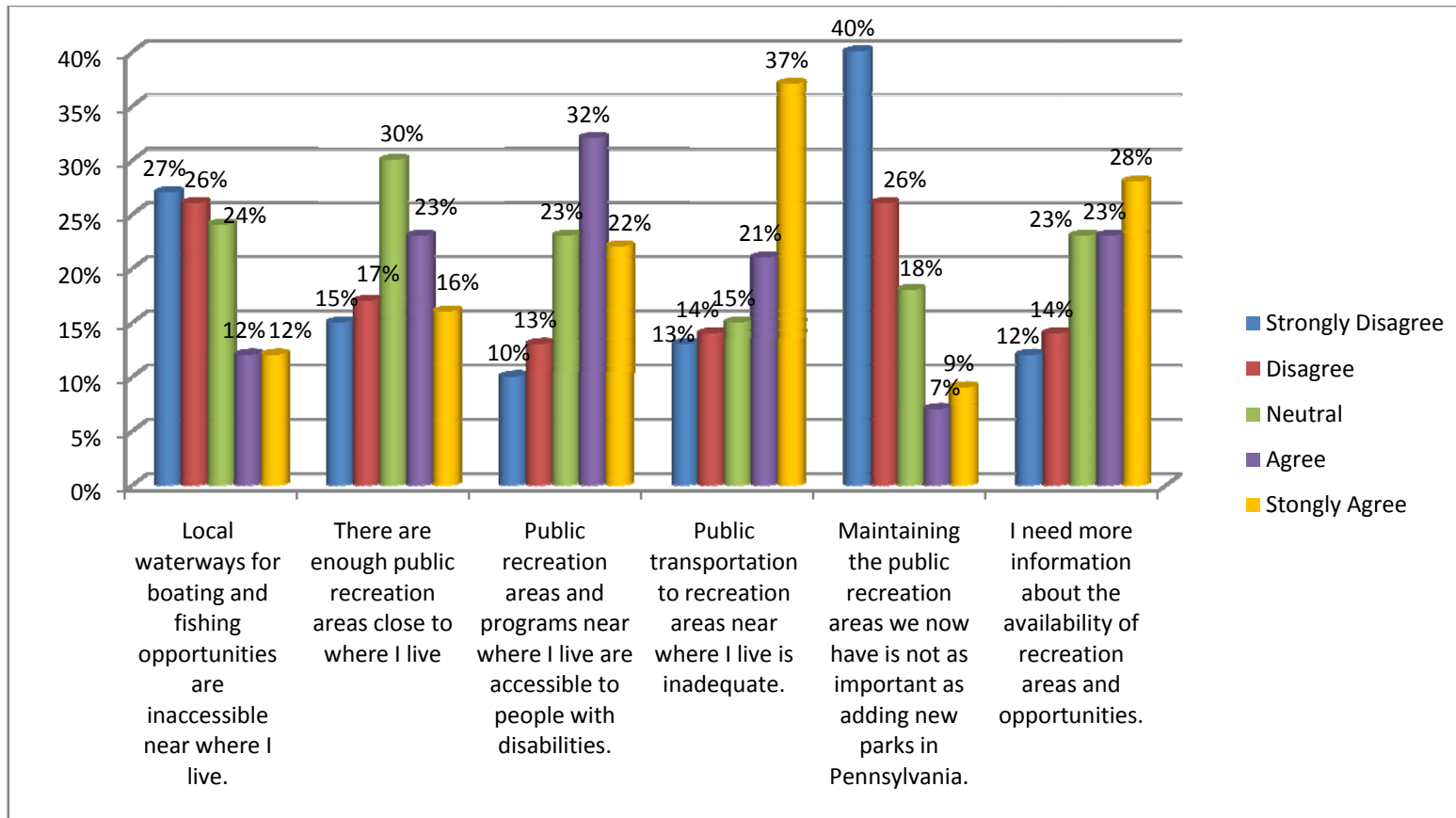
Residents expressed some of the strongest opinions about the effects of public lands on their surroundings (Figure 17). The vast majority (81%) agree that the availability of local recreation programs reduces youth crime. Similar proportions feel that greenways and trails increase the value of nearby properties and disagree that parks and natural areas decrease the value of nearby properties.



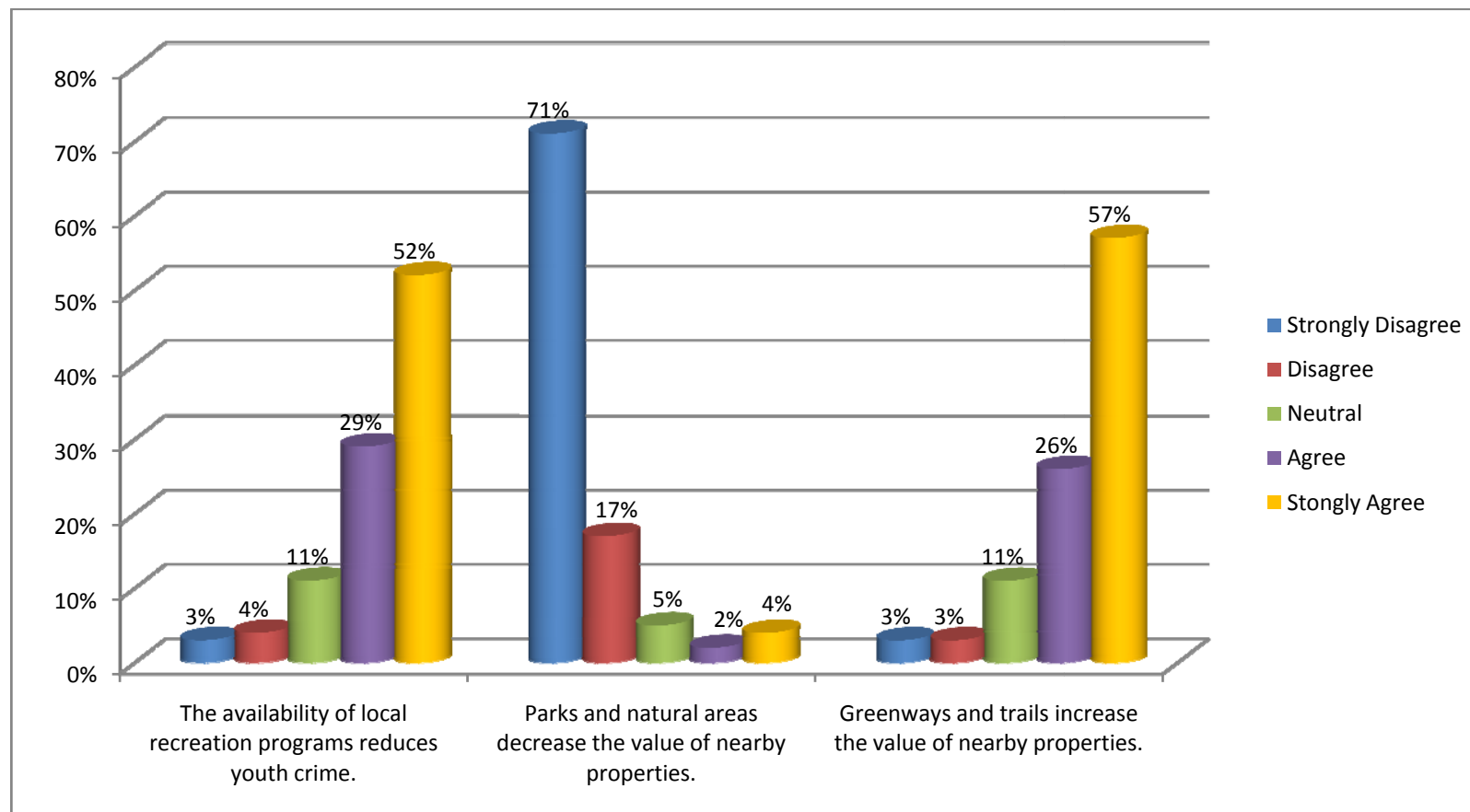
**Figure 14. Residents' Perceptions about State Governmental Responsibilities**



**Figure 15. Residents' Perceptions about Municipal Governmental Responsibilities**



**Figure 16. Residents' Perceptions about Public Recreation Availability**



**Figure 17. Residents' Perceptions about the Effects of Public Land**

## **Priorities for Conservation and Recreation Programs**

When asked directly about the importance and priority for various recreation and conservation programs, consistent with their earlier responses, Pennsylvanians showed the most support for maintaining existing parks and recreation areas (Table 12). They also placed great priority on restoring damaged rivers and streams and protecting wildlife habitat and conserving wild resources. Slightly lower in importance was acquiring and protecting open space (as undeveloped recreation land) and providing environmental and recreation programs at parks and recreation areas.

## **Information Sources for Outdoor Recreation**

Finally, Pennsylvanians rely heavily on informal sources of information about recreation opportunities in the state (Table 13). About two-thirds use friends, relatives, and other word of mouth sources and past participation. The majority of respondents did report using newspaper/magazine articles for information about recreation opportunities, while 42% reported using the Internet. See Appendix 2 for a summary of favorite web resources used by survey respondents. Maps and brochures were the favorite type of information sought, mentioned by half of the respondents.





**Table 12. Priorities for Funding Recreation and Conservation Programs**

Action		% Important or Extremely Important	Mean*	Percent Ranking Item Top Priority
c.	Maintain existing park and recreation areas	90%	4.5	17%
f.	Protect wildlife habitat and conserve wild resources	85%	4.4	15%
a.	Acquire and protect open space (as undeveloped recreation land)	72%	4.0	14%
h.	Restore damaged rivers and streams	85%	4.4	9%
l.	Build pedestrian and cycling paths between places of work, schools, and shopping areas	65%	3.9	7%
b.	Acquire additional land and water areas for developed recreation	60%	3.7	3%
d.	Provide environmental and conservation programs	73%	4.0	3%
e.	Provide recreation programs at parks and recreation areas	72%	4.0	3%
g.	Build more greenways/trails	66%	3.9	3%
i.	Provide information on recreation opportunities	69%	4.0	3%
j.	Assist local government with open space and recreation plans	69%	4.0	1%
k.	Assist local government in creating park and recreation departments	67%	3.9	1%
m.	Other	81%	4.3	1%

\*Response is on a 5 point scale (“Extremely Unimportant” to “Extremely Important”).

**Table 13. Sources of Information for Outdoor Recreation Opportunities**

<b>Information Source</b>	<b>%</b>
<b>Friends/relatives/word of mouth</b>	<b>72%</b>
<b>Past participation</b>	<b>66%</b>
<b>Newspaper/Magazine Article</b>	<b>54%</b>
<b>Maps/brochures</b>	<b>50%</b>
<b>Internet Search</b>	<b>42%</b>
<b>Travel guide/tour book</b>	<b>34%</b>
<b>Television/radio</b>	<b>34%</b>
<b>Visitors Center/Chamber of Commerce</b>	<b>28%</b>
<b>E-mail inquiry</b>	<b>13%</b>
<b>Telephone inquiry</b>	<b>7%</b>
<b>Other tourist site</b>	<b>3%</b>
<b>Written Inquiry</b>	<b>2%</b>
<b>Other</b>	<b>2%</b>



## Regional Comparisons

As noted in the methods section of this report, the sample for the resident survey was designed to provide even representation for six SCORP planning regions and the two urban areas of Philadelphia and Pittsburgh (see Figure 1, page 2). Appendix 3 provides a summary description of each region alone with a detailed breakdown of the survey responses by region. The tables in that appendix summarize the results for each question for each of the SCORP regions and for the Pittsburgh and Philadelphia areas. Some highlights of these comparisons are listed below.

### Outdoor Recreation Participation

- Philadelphia residents tended to report more trips to public outdoor recreation areas than residents of any of the other regions (question 2).
- Philadelphia residents also reported the highest level of recreational activity at local/municipal areas (50%), which may partially account for their unusually high rates of participation (question 3).
- Conversely, residents of Philadelphia and Pittsburgh reported the lowest proportion of their outdoor recreation activity at state parks, forests, game lands, or other state areas (question 3).
- Philadelphia residents were also the most likely to report that they expected their recreational activity to increase over the next five years (question 4).
- Residents of Pittsburgh and Philadelphia were less likely than those living in other parts of the state to mention nature-based benefits of outdoor recreation (question 5)
- Activities showing the most variation in rates of participation included traditional outdoor activities like camping, fishing, and hunting (lowest among Philadelphia residents ) and sporting activities like basketball, softball, and baseball (highest among Philadelphia and Pittsburgh residents) (question 7).

### Recreation Area and Facility Needs

- Residents of the North West region were the least likely to indicate a need for more access to most types of water-based recreation areas (question 11).
- Residents of the South East region were the most likely to indicate a need for more overnight recreation facilities like campgrounds, rental cabins and nature inns/lodges (question 11).
- Philadelphia residents and those from the North East region indicated the greatest need for more and improved indoor pools and picnic areas (question 11).
- Philadelphia residents indicated lower satisfaction with all types of recreation areas (question 12), and were most interested in seeing programs of all types offered in their area (question 13).

- Residents of the South Central region were slightly less likely than those in other regions to walk or ride a bike in their neighborhood (question 18).

### **Outdoor Recreation and Conservation Attitudes**

- Residents of the South East region not residing in Philadelphia were most likely to agree that “Open space near where I live is threatened by development” (question 21a). While Philadelphia is located in the South East part of the state, residents of the city frequently responded differently than the rest of the South East Region.
- Conversely, South East area residents were most likely to agree that “public recreation areas near where I live are well maintained.” Those residing in Philadelphia were least likely to agree with this statement (question 21f).
- Philadelphia residents were least likely to indicate that “my community is a safe and easy place to walk” (question 21d) and most likely to feel that “streams and rivers near where I live are in poor condition” (question 21i).
- North West area residents were least likely to agree that “local waterways for boating and fishing opportunities are inaccessible near where I live” (question 21p).
- Philadelphia residents were least likely to indicate that “there are enough public recreation areas close to where I live” (question 21q) and were most likely to report that “I need more information about the availability of recreation areas and opportunities” (question 21u).
- Philadelphia residents rated providing recreation programs at parks and recreation areas as a higher priority than residents of any other region (question 22e).



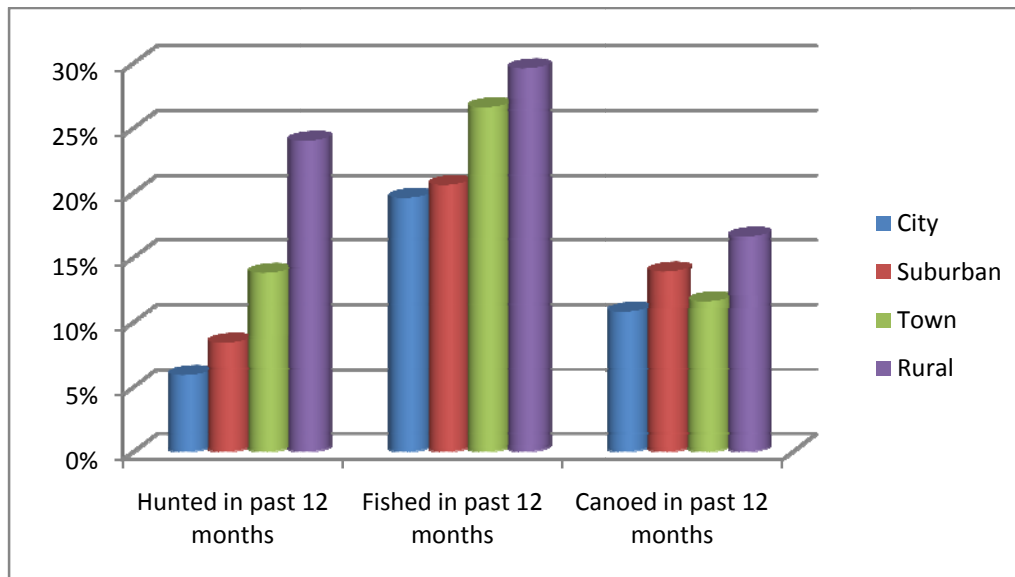
## Other Comparisons

This section provides an analysis of the survey responses by several variables of interest, including place of residence (city, suburb, town, or rural area) and the demographic variables of income, age, and gender. Appendix 4 provides detailed tables showing the results for each question by each of these variables. Some highlights of these comparisons are listed below.

### Rural-Urban Comparisons

#### Outdoor Recreation Participation

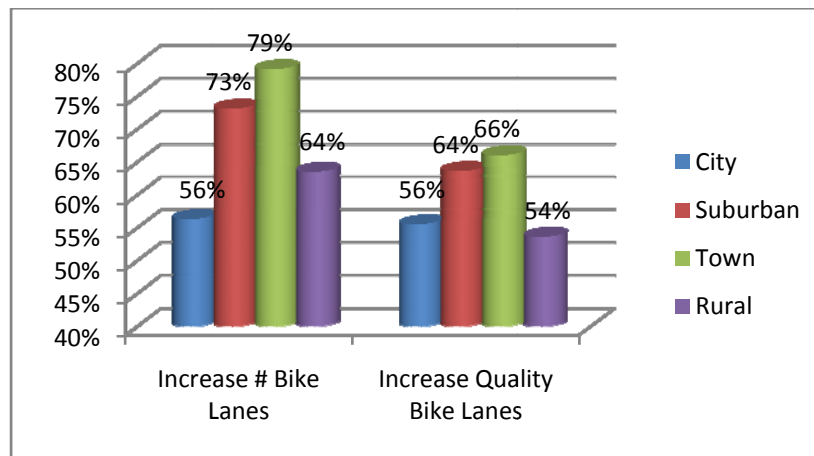
- Financial constraints were less common among residents of cities and suburbs than among those living in towns and rural areas.
- Walking was the most common activity among residents regardless of where they lived (over 80% of all residential categories).
- Residents of cities and suburban areas were most likely to report participation in jogging.
- People living in rural areas were least likely to engage in bicycling.
- People living in rural areas were far more likely than residents of other types of areas to participate in ATV riding and four-wheel driving.
- Rural residents were also more likely than residents in other categories to participate in traditional water-based activities like fishing and canoeing. They were especially more likely than other respondents to participate in hunting and rifle/handgun shooting.



- Those living in suburbs and towns were most likely to participate in tennis and golf.
- People living in cities were less likely than those residing in other types of areas to participate in wildlife viewing.

### Recreation Area and Facility Needs

- Residents of suburbs and towns were the most likely to indicate a need for more bicycle paths, bike lanes, and mountain bike trails.



- Those living in towns and rural areas indicated the most need for more ATV and four-wheel driving trails.
- People living in cities and suburbs indicated greater need for more access to water-based recreation areas, including lake/stream swimming areas and lake and river access.
- Urban residents were most likely to indicate a need for a variety of types of areas and facilities, including picnic areas, playgrounds, tennis courts, golf courses, and sporting facilities such as basketball and volleyball courts and soccer, baseball, and football fields.
- People living in towns were the most likely to have their children walk or ride their bikes to school. Children in rural areas were the least likely to walk or ride their bikes to school, and their parents were the least likely to want them to walk or bike to school more frequently.

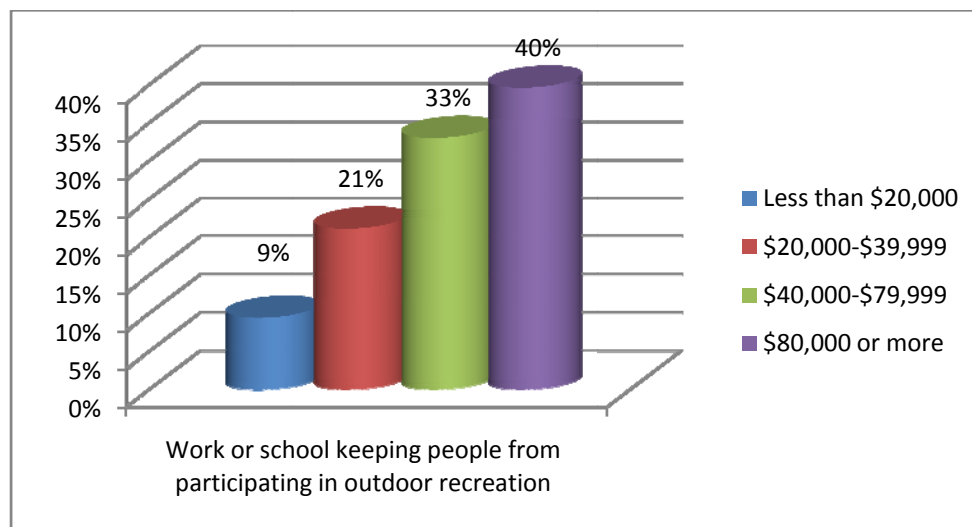
### Outdoor Recreation and Conservation Attitudes

- Regardless of where they lived, Pennsylvanians tended to rate protecting wildlife habitat and conserving wild resources, and restoring damaged rivers and streams, as top funding priorities.
- Rural residents placed lower priority than residents of other types of areas on building more green ways and trails, and, not surprisingly, on assisting local governments with recreation and open space planning.

## Income Comparisons

### Outdoor Recreation Participation

- Respondents from the highest household income category (\$80,000 or more) reported visiting public outdoor recreation areas in Pennsylvania much more frequently than any of the other income levels.
- Respondents from the lowest household income category (less than \$20,000) reported visiting a public recreation area outside of Pennsylvania on average one time in the last year. Respondents from the other household income categories averaged at least three visits in the past year.
- Respondents from the lowest household income category spent more of their outdoor recreation time at local or municipal recreation areas than those in the other household income categories.
- Respondents from households earning less than \$20,000 a year were twice as likely to report an expected decrease in recreational activity (indoor and outdoor) over the next five years.
- There was a positive relationship between household income level and the number of people reporting an expected increase in their amount of outdoor recreation activity over the next five years. The greater the income, the more likely they were to report increased recreation activity.
- Consistently, respondents whose household income was less than \$20,000 reported the lowest level of health benefits from outdoor recreation. Respondents who earned more than \$80,000 reported the highest levels of health benefits.
- The proportion of people reporting work or school commitments as constraints to their outdoor recreation increased with increasing income.



- The price of gasoline was the most likely to influence outdoor recreation participation for those earning between \$20,000 and \$39,999, followed by those earning less than \$20,000.

- More than one-fourth of the respondents from the lowest household income category reported cutting back on other expenses to continue participating in outdoor recreation activities. They were more likely than any of the other income categories to report making such sacrifices.

### **Recreation Area and Facility Needs**

- People with household incomes less than \$20,000 were more likely than the other income groups to report a need for more and better fishing, hunting, and camping areas and facilities.
- Those with the highest incomes (\$80,000 or more) were most likely to indicate a need for more bike lanes.
- People with household incomes under \$40,000 were more interested in seeing senior programs offered in their area.
- Those with incomes over \$80,000 were most interested in fitness programs.

### **Outdoor Recreation and Conservation Attitudes**

- People with household incomes less than \$20,000 were less likely than the other income groups to feel that the open space near where they lived was threatened by development.
- There was a positive relationship between household income level and the perception that public recreation areas near the respondent's residence were well maintained. The higher the household income level, the better maintained the public recreation areas.
- Respondents whose household income was less than \$40,000 were less likely than the higher income categories to report having enough recreation areas close to where they live.

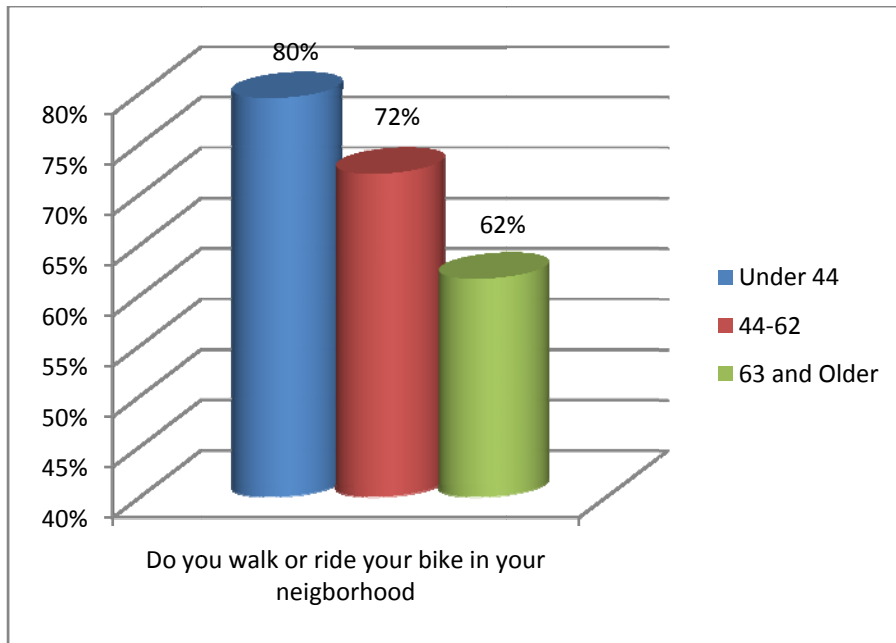




## Age Comparisons

### Outdoor Recreation Participation

- Generally there was an inverse relationship between age and recreation activity and associated benefits. Older individuals reported lower levels of recreation participation across most aspects measured.
- Baby boomers (ages 44-62) were generally more like the post-boomer (younger) generation than their older counterparts (pre-boomers)
- There was a negative relationship between age and the average number of hours respondents spent on recreational activities in an average week. The older the respondent, the fewer the hours they spent recreating. Pre-baby boomers (over age 62) spent much less time recreating than post-boomers (under age 44) or boomers (age 44-62).
- Younger people and baby boomers reported almost twice as many visits to public outdoor recreation areas than did pre-baby boomers.
- Post-baby boomers were the most likely to spend time at local and municipal recreation areas, while pre boomers were the most likely to visit state managed recreation land (parks, forests, or game lands).
- Post-boomers were the most likely to expect an increase in their indoor and outdoor recreation over the next five years. Pre-boomers were much more likely to predict decreases in their recreation activity.
- Younger people (including baby boomers and post-boomers) were much more likely to cite things related to health, nature, social experience and relaxation as benefits of outdoor recreation participation.
- The older generation (pre-baby boomers) was much more likely to mention health constraints as items limiting their recreation participation (37% compared to 8% of baby boomers and 6% of post-boomers).
- Gas prices were most likely to influence the post-baby boomers and least likely to influence pre-boomers.
- Consistently post-boomers rated the health benefits of outdoor recreation higher than boomers or pre-boomers.
- There was an inverse relationship between age and whether the respondent reported walking or riding a bike in their neighborhood. The older the participant, the less likely they were to walk or ride a bike in their neighborhood.



#### **Recreation Area and Facility Needs**

- Those under the age of 44 were the most likely to report wanting more hiking and backpacking trails, mountain biking trails, and rock climbing areas.
- Baby boomers (44-62) were the most likely to report wanting more bicycle paths and lanes.

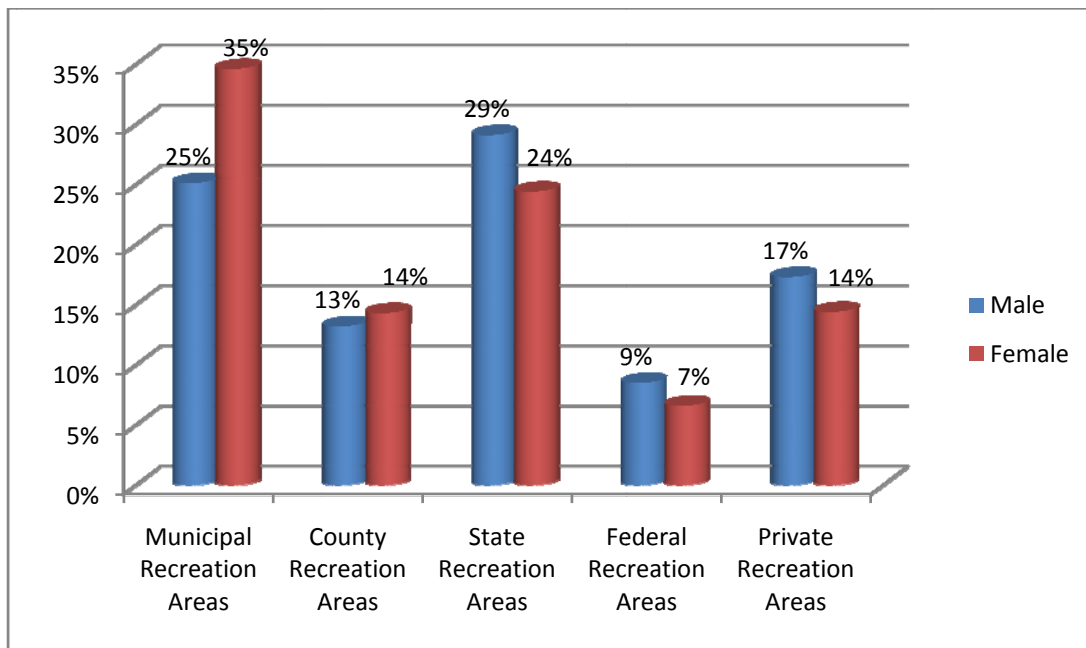
#### **Outdoor Recreation and Conservation Attitudes**

- Older people (pre-baby boomers) were the least likely to have the necessary knowledge and resources to make wise choices to protect the environment.
- Pre-boomers were most likely to report that transportation to recreation areas near where they live is inadequate.
- Younger people (post-boomers) were the least likely to report that the Commonwealth of Pennsylvania provides enough information about recreation opportunities at State Parks and Forests.
- Post-boomers and baby boomers supported building pedestrian and cycling paths between places of work, schools, and shopping areas more than their older counterparts.

## Gender Comparisons

### Outdoor Recreation Participation

- Men reported spending about an hour and a half more per week on outdoor recreation away from home than did women.
- There was little difference between men and women in the frequency of visiting public outdoor recreation areas inside and outside of Pennsylvania.
- Women spent a greater proportion of their outdoor recreation participation at local/municipal areas than men.

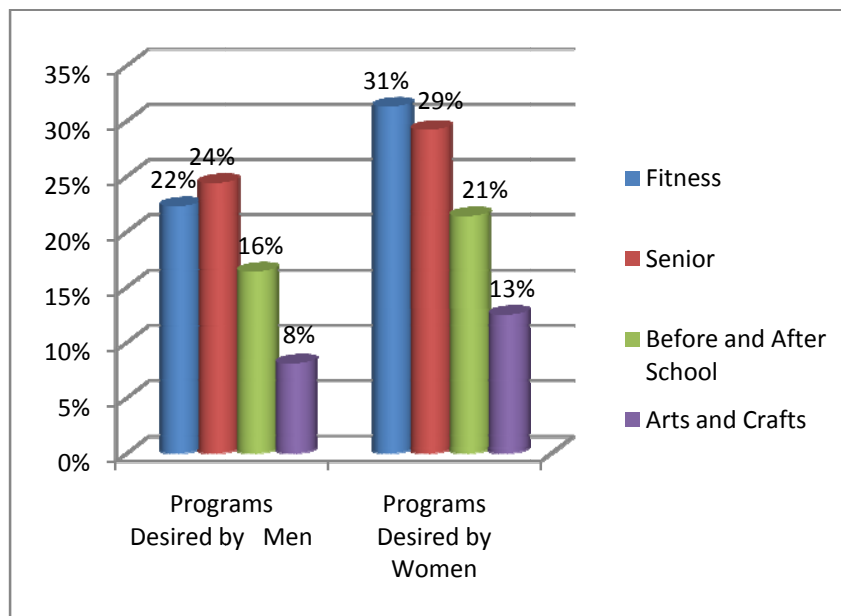


- Women were more likely than men to report expecting an increase in recreational activity in the next five years.
- Women were more likely than men to mention health-related, nature-based and social benefits of outdoor recreation.
- Men were more likely than women to mention relaxation and financial benefits of outdoor recreation.
- Men were slightly more likely than women to list work and school related constraints to participation in outdoor recreation.
- Women were slightly more likely than men to mention health-related, financial and social constraints to outdoor recreation.

- Women generally perceive greater health benefits of outdoor recreation than men.
- Women's outdoor recreation participation was more likely to be influenced than men's by the price of gasoline.

### Recreation Area and Facility Needs

- Women generally were more likely to indicate a need for more and better recreation areas and facilities of all types.
- Women were also more interested in all types of programs listed.
- Both men and women showed the most interest in fitness and senior programs.



### Outdoor Recreation and Conservation Attitudes

- Men were more likely than women to report that public recreation areas and programs near where they live were accessible to people with disabilities.
- Men were more likely than women to report that they had enough public recreation areas close to where they live.
- Women placed a higher priority than men on providing information on recreation opportunities.

## Comparisons with Previous Surveys

*While most outdoor activities showed participation rates consistent with past surveys, water-based recreation showed a notable decrease in power boating and an increase in paddle sports. Among facility needs, bicycle lanes and paths, dog parks, environmental education areas, rental cabins, and nature inns/lodges were all listed more frequently as areas that should be increased in 2008 than in 2003. Current survey respondents were more concerned about loss of open space but also more aware of the contribution of parks and recreation programs to quality of life and community.*

This section provides an analysis of the 2008-2009 resident survey responses in comparison to previous SCORP surveys and other data sources. Wherever possible, direct comparisons are made between the current results and those from the previous (2003) surveys.

### Outdoor Recreation Participation

Most of the outdoor recreation activities measured show participation rates that are consistent with the 2003 survey as well as comparable national databases (Table 14). For example, walking is the most popular activity across all sources. The lower value (67%) for Pennsylvania in 2002-2003 most likely reflects the different question wording used in 2003 (*walking for pleasure or fitness* versus just *walking* in the current survey). Conversely, *hiking and backpacking* were reported by 17% of current survey respondents, compared to 30% reporting *hiking* in 2003, another difference likely resulting from combining hiking and backpacking in the current survey (backpacking was not listed in the 2003 Pennsylvania Recreation Survey).

Some changes seem evident for boating-related activities in Pennsylvania. *Canoeing* (13%) and *kayaking* (10%) appear to be growing in popularity on the state's lakes and streams, up from 9% for the combined activities of *canoeing and kayaking* in 2003. On the other hand, only 12% of current respondents reported participating in *power-boating*, compared to 21% in the 2003 Pennsylvania Outdoor Recreation Participation Survey.

More people reported participating in golf and tennis currently than in 2003. Picnicking remains one of the most popular outdoor activities (57%), up notably from 41% for Pennsylvania in 2003 and consistent with the nationwide figure of 55%.

The proportion of Pennsylvanians reporting bicycling increased from 20% in 2003 to 25% in 2008. This growth in popularity is consistent with other data in the current survey, including the identification of bike lanes and trails as some of the greatest facility needs in the state.

**Table 14. Trends in Outdoor Recreation Participation Rates.**

Activity	Percent Participation		
	U.S. 2000-2001	Pennsylvania 2002-2003	Pennsylvania 2008-2009
Walking for pleasure/fitness	83	67	
Walking			84
Picnicking	54	41	57
Sightseeing/Driving for pleasure	52	54	52
Swimming in lakes, streams	42		
Swimming		46	52
Bicycling	40	20	25
Running or jogging	34		
Jogging		27	21
Day hiking	33		
Hiking		30	
Hiking and backpacking			17
Motor boating	24	21	
Power Boating			12
Warmwater fishing	23		
Fishing		26	24
Driving off-road	18		
ATV riding		6	9
Four-wheel driving		6	8
Off-road motorcycling		4	2
Golfing	17	18	22
Primitive camping	16		
Camping		24	17
Sledding	15	21	20
Basketball outdoors	15		
Basketball		17	10
Tennis outdoors	12		
Tennis		9	11
Softball	10	8	10
Canoeing/Kayaking	10	9	
Canoeing			13
Kayaking			10
Horseback riding	10	6	6

<b>Downhill skiing</b>	<b>9</b>	<b>10</b>	
<b>Downhill skiing/Snowboarding</b>			<b>10</b>
<b>Big game hunting</b>	<b>8</b>		
<b>Hunting</b>		<b>11</b>	<b>13</b>
<b>Waterskiing</b>	<b>8</b>	<b>3</b>	<b>3</b>
<b>Soccer outdoors</b>	<b>8</b>		
<b>Soccer</b>		<b>5</b>	<b>6</b>
<b>Football</b>	<b>8</b>	<b>7</b>	<b>7</b>
<b>Ice skating outdoors</b>	<b>7</b>		
<b>Ice skating</b>		<b>9</b>	
<b>Ice skating/Hockey</b>			<b>8</b>
<b>Baseball</b>	<b>7</b>	<b>6</b>	<b>8</b>
<b>Snowmobiling</b>	<b>6</b>	<b>4</b>	<b>4</b>
<b>Cross-country skiing</b>	<b>4</b>	<b>2</b>	<b>5</b>

Note: This table is adapted from the 2003 Pennsylvania Outdoor Recreation Plan. Question wording is shown on different lines for those activities for which different wording was used in the surveys. Source of data for the U.S. 2000-2001 is Cordell, H. K. (2004). *Outdoor Recreation for the 21<sup>st</sup> Century America*. State College, PA: Venture Publishing, Inc., pp. 71-73.

Barriers to outdoor recreation have been measured in the past three SCORP surveys. Although they were measured differently this time, the results were consistent. Lack of time was the principal barrier to outdoor recreation participation.

### **Recreation Area and Facility Needs**

Two trends in facility needs were apparent in the 2003 Pennsylvania Recreation Plan: 1) fewer needs were cited as age increased, and 2) a higher level of needs for facilities was cited by residents of Philadelphia. These patterns remained true in the current data.

Bicycle lanes and paths, dog parks, environmental education areas, rental cabins, and nature inns/lodges were all listed more frequently as areas that should be increased in 2008 than in 2003.

In previous Pennsylvania recreation plans, picnic areas and playgrounds were consistently identified as types of areas needing improvements. This year, bike lanes and dog parks were most frequently mentioned as areas that should be both increased in number and improved in quality.

## Outdoor Recreation and Conservation Attitudes

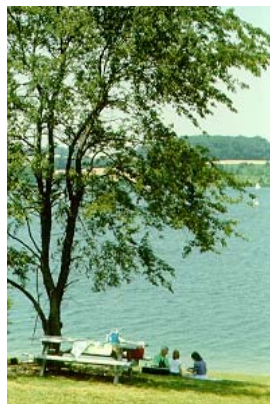
Pennsylvanians surveyed in 2008 were more likely than those in 2003 to agree that open space near where they live is threatened by development (60% in 2008 versus 50% in 2003). In both years, there was weak agreement that streams and rivers are in good condition.

On a more positive note, residents' perceptions of the quality of public recreation areas appear to be improving. Nearly two-thirds (63%) of those surveyed this year agreed that public recreation areas near where they live are well maintained, compared to 50% in 2003. Similarly, the percentage of people who believe that public recreation areas are adequately policed increased slightly from 33% to 36%. And, the proportion believing that there are enough public recreation areas close to where they live increased from 36% to 39%.

In 2003, there was already strong agreement among Pennsylvanians that recreation programs reduce youth crime and that parks, natural areas, and greenways increase property values. These positive perceptions all increased in the 2008 survey; 81% of 2008 respondents agreed that the availability of local recreation programs reduces youth crime (compared to 69% in 2003); 88% of those in 2008 agreed that parks and natural areas increase the value of nearby properties (compared to 74% in 2003); and 83% agreed that greenways and trails increase the value of nearby properties (versus 66% in 2003).

Pennsylvania residents surveyed in 2008 were more likely to agree that municipalities in their area should join together to form a parks and recreation department (64% agreed in 2008 versus 47% in 2003).

One area of consistency between the 2003 and 2008 surveys was the finding that maintaining existing park and recreation areas was the number one priority for funding recreation and conservation programs among the Pennsylvanians surveyed.





## STUDY CONCLUSIONS AND IMPLICATIONS

This report provides a summary of Pennsylvania residents' outdoor recreation interests, participation patterns, and opinions. Results presented herein offer useful implications for planning and managing the Commonwealth's natural resources and meeting the recreation needs of present and future generations. The following paragraphs examine the survey' results as they relate to the four goals articulated in the 2009-2013 Pennsylvania Outdoor Recreation Plan (SCORP).

The first goal of the current outdoor recreation plan is to create a better understanding of the role of outdoor recreation and conservation on Pennsylvania's economy and on the health and quality of life for its residents. Survey questions about respondents' favorite outdoor recreation activities showed that people spend considerable amounts of money on equipment and other costs of participating in outdoor recreation. Although nearly half of Pennsylvanians said their recreation participation has been affected by the price of gasoline, about one-fifth also indicated they have cut back expenses in other areas to continue their participation in outdoor recreation activities, indicating a strong commitment to these activities.

When asked, "what benefits does your household receive from participating in outdoor recreation activities," the most frequent responses involved health and experiencing nature. Among specific health benefits examined, mental health indicators such as reduced stress and anxiety were rated as high in importance as physical health and fitness.

About 60% of the respondents agreed that the general environmental quality of public recreation areas near them is good, and that these areas are well maintained. However, over one-third feel that public recreation areas near where they live are not adequately policed. The vast majority of Pennsylvanians surveyed believe that the availability of local recreation programs reduces youth crime and nearly all feel that parks and natural areas increase the value of nearby properties.

The second goal of the current plan is to reconnect people to the natural environment and develop an environmental stewardship ethic in all segments of the population. The majority of Pennsylvanians surveyed reported that "open space near where I live is threatened by development," and "there is not enough protected open space near where I live." Only about one-third feel that "there are enough public recreation areas close to where I live." About half of Pennsylvanians indicated they need more information about the availability of recreation areas and opportunities.

Nearly all of the Pennsylvanians surveyed believe that "it is important for citizens to play a role in conserving our lands and waters," and over three-fourths strongly agree with this statement. The vast majority feel that individual actions make a difference in conserving the environment and feel that they do their part to conserve natural resources. The majority also believe that

they have the necessary knowledge and resources to make wise choices to protect the environment.

Pennsylvanians clearly value the state's natural resources and are committed to conserving them. Protecting wildlife habitat/conserving natural resources and restoring damaged rivers and streams were the second and fourth highest priorities, respectively, among 12 alternatives for funding recreation and conservation programs.

Pennsylvanians also expressed strong interest in environmental programming. Nearly three-fourths of respondents rated providing environmental and conservation programs, as well as providing recreation programs at parks and recreation areas, as very or extremely important.

The third goal of the current outdoor recreation plan is to develop a statewide trail network that facilitates recreation and utilitarian uses of Commonwealth trails. Hiking and biking are among the most popular outdoor recreation activities in Pennsylvania. When asked for their perceptions about recreation area and facility needs, nearly half of Pennsylvania residents reported that the number of hiking and backpacking trails should be increased, and one-third felt their quality should be improved. Similar patterns were observed for various types of trail/street/road facilities. Among the types of trail-related facilities examined, state residents indicated that bicycles paths and lanes in particular needed to be increased in both number and quality.

Nearly two-thirds of Pennsylvania residents believe it is very or extremely important to build more greenways/trails and to build pedestrian and cycling paths between places of work, schools, and shopping areas. Over 80% believe that greenways and trails increase the value of nearby properties. Three-fourths of Pennsylvanians indicated they would be more likely to use a trail if it was within easy walking distance from where they live, but only about half felt that their community is a safe and easy place to walk.

The final goal of the 2009 outdoor recreation plan is to align planning efforts to establish a more integrated approach to providing outdoor recreation opportunities. Survey results show that Pennsylvanians use a variety of types of areas for outdoor recreation, with the largest proportion of activity occurring at local and county areas and facilities. In addition, they use areas other than parks and designated areas for their outdoor recreation activities. There is a clear need for integration of recreation and transportation planning, as trails and paths for walking and biking emerged as some of the greatest facility needs of the respondents.

Most Pennsylvanians surveyed believe that neither the Commonwealth of Pennsylvania nor their local government is doing enough to plan for the future of our natural resources. There is a need for more open space near people's homes, and for adequate policing to ensure that the area is safe. Study results agree with previous research in suggesting that people will be more physically active if they have attractive and safe facilities within easy walking distance from

where they live and if greenways and trails connect their neighborhoods with schools, shopping areas, parks, and open spaces.

## **Implications**

Recreational planners considering the 2009-2013 planning span of the current SCORP should note the high priority placed by the public on development and maintenance of trails for walking and bicycling, with specific emphasis on linking communities with natural areas and outdoor recreation resources. Wide public support for trail-related facilities, expressed through this research as well as surveys of active trail users, reinforces one of the major goals of the current plan—to develop a statewide trail network that facilitates recreation and utilitarian uses of Commonwealth trails.

Similarly, there is a clear need for integration of recreation and transportation planning, as trails and paths for walking and biking emerged as some of the greatest facility needs expressed by the respondents. Local, state and federal public recreation providers can maximize the benefits of their investments by planning together, coordinating grant giving, and capturing efficiencies through shared facilities, staff and training resources.

Results of this survey also suggest planners can realize an opportunity to promote outdoor recreation to a wider audience, in view of the general public association of outdoor activity with better health. Pennsylvanians place a high value on outdoor places and activities from the standpoint of personal benefit, viewing these resources as an important component of a healthy lifestyle.

Planners should also note the public desire for more open-space conservation. This apparent public support could enable resource management agencies to seek fiscally appropriate ways to supplement the state's public land base, particularly if a land acquisition makes it possible to improve public access or close a gap in an existing recreational trail. Pennsylvania residents' commitment to outdoor recreation suggests there would be public support for investment in developing new recreation facilities, and maintaining or improving existing ones.

Finally, public survey response supports a larger investment in nature-based educational programming on existing recreational lands and waters.

## **Appendix 1: Respondent Profile**

<b>Variable</b>	<b>% or Mean</b>
<i>Education</i>	
Grade School or High School Graduate	25%
Technical School/Some College	27%
College Graduate	26%
Post Graduate	22%
<i>Community Type</i>	
City	17%
Suburb	37%
Town	19%
Rural Area	27%
<i>Marital Status</i>	
Married	61%
Unmarried	39%
<i>People per Household</i>	
Average Number of People per Household	2.7 People
Households with 1 Person	18%
Households with 2 People	40%
Households with 3 People	17%
Households with 4 People	15%
Households with 5 or More People	10%
<i>Disability</i>	
No one in the Household has a disability	75%
Someone in the Household has a disability	25%
<i>Income</i>	
\$20,000 or less	11%
\$20,000 to \$39,999	20%
\$40,000 to \$59,999	22%
\$60,000 to \$99,999	27%
\$100,000 to \$139,999	12%
\$140,000 or more	8%
<i>Age</i>	
Average Age	55.2 Years
18-35	10%
36-50	27%
51-64	36%
65 and Older	27%
<i>Race/Ethnic Background</i>	
White	91%
Black or African American	4%
Hispanic/Chicano/Latino	2%
American Indian or Alaska Native	2%
Asian	1%
<i>Gender</i>	
Male	50%
Female	50%

## **Appendix 2**

### **Open-Ended Responses**

**Question 3: About what percentage of your recreational activities away from home take place at the following types of areas? 'Other' areas (267)**

**Private property (58)**

Private property (28)  
Personal farm (5)  
Privately owned woodland/forest (5)  
Home (5)  
Family camp/cabin (5)  
Hunting on private land (4)  
Areas owned by respondent  
Ride horses on our own land  
We own 136 acre farm  
Plenty of recreation in our backyard  
we have our own park area to relax  
My land, I own 20 acres

**Local areas (42)**

Walking in community (6)  
Walking (5)  
Road biking (6)  
Visiting friends land (6)  
Streets or roads (6)  
Running on roads (2)  
Motorcycles (2)  
Neighborhood (2)  
We bike, mostly on local roads within 15 miles  
of our home  
Walking, hiking, out playing  
Walking trails  
Walk at football field  
Unknown/private woods  
Walking pets

**Other facilities (101)**

Golf course (19)  
YMCA (10)  
Rails to Trails (10)  
Bowling (8)  
Indoor health facilities (7)  
Theme/amusement parks (5)  
Movies (4)  
Museum (4)

Skiing/ski resorts (3)  
Local fields (3)  
Sports (2)  
Stadiums (2)  
Soccer (2)  
Community center (2)  
School fields (2)  
Public areas (2)  
Historic locations (2)  
Zoo (2)  
Restaurant (2)  
Work (2)  
Shopping  
Public library  
Outdoor track  
Race tracks  
Hockey league  
High school events  
Scout camp  
Bars

**Other outdoor recreation areas (56)**

Bike trails (9)  
Camping (9)  
Beach (8)  
Game lands (3)  
Outdoors (2)  
Rivers (2)  
Local park (2)  
Central Park, NYC  
Valley Green  
Trail in park  
Private parks  
State parks  
Appalachian trail  
Waterways  
Trout Fishing  
Swimming  
Susquehanna River  
Seashore

Public access fishing

Juniata river

Fishing on Lake Erie

Raystown Lake

Lake Erie

Boating

Bay fishing

Mt. Rainier

Yellowstone

Allegheny river

**Special events (10)**

Church function (3)

Car shows (2)

Train show

Mobile home show

Religious gatherings

Organized hawk watch

Elk viewing



**Question 4: Over the next five years, do you expect your recreational activity to increase, decrease, or remain about the same? Indoor, if changing, why? (502)**

**Work changes (106)**

Retirement (86)  
Planning on retiring (5)  
Spouse retiring (2)  
Working less (4)  
Working less hours (4)  
Work (3)  
Working more  
Unemployed

**Family (105)**

Children getting older (44)  
New baby (12)  
Young children (10)  
Children (9)  
Children in more activities (7)  
Growing family (6)  
Grandchildren (5)  
Getting children outdoors (4)  
Family (4)  
Dog (2)  
Expecting children  
Marriage

**Time and money (66)**

More time (41)  
Money and economy (9)  
Too expensive (5)  
Time (4)  
Cost of travel (3)  
Bought new outdoor equipment (2)  
Less free time  
Taking more time for recreation

**Health (166)**

Getting older/old age (79)  
Poor health (36)  
For fitness, exercise, or stay active (31)  
Disability (9)  
Improved health (6)  
Weight loss (5)

**Facilities and areas (39)**

Joining gym/using inside facilities (19)  
Prefer outdoor (5)  
Want to increase outdoor activities (4)  
New to area (2)  
Sports (3)  
Enjoy the outdoors  
See new areas  
New recreation center in town  
I hate indoors  
I don't use parks  
Cheap family entertainment

**Other (20)**

Want to increase outdoor activities (4)  
Personal motivation (3)  
Change in lifestyle (3)  
Winter weather (3)  
Weather (2)  
Active in community  
Summer  
Environmental protection  
Camping more  
The world is more dangerous

**Question 4: Over the next five years, do you expect your recreational activity to increase, decrease, or remain about the same? Outdoor, if changing, why? (680)**

**Work changes (145)**

Retirement/ planning on retiring (118)  
Less hours at work (13)  
Finishing school (6)  
Work (4)  
New job (2)  
Unemployed  
Change in lifestyle

**Family (151)**

Children getting older (114)  
Young children (13)  
Family dog (13)  
New baby (10)  
More time with family (6)  
Starting a family (6)  
Grandchildren (4)  
Marriage (3)  
Having another child  
Teach children about outdoors  
Care for elders  
Wife does activities

**Time and money (193)**

More free time (98)  
Money and economy (19)  
Travel and vacations (19)  
Time (7)  
Low cost for participation (5)  
Gas (2)  
Not doing any travel

**Health**

Aging and getting older (79)  
For fitness, exercise, or to stay active (58)  
Poor health (24)  
Improved health (17)  
Healthier lifestyle (9)  
Disability (6)

**Activities (105)**

Hunting (22)

Fishing (20)  
Camping (12)  
Biking (10)  
Boating (7)  
Sports (6)  
Hiking (5)  
Golf (4)  
Walking (3)  
Cross country skiing (3)  
New activities (2)  
ATV (2)  
Kayaking  
Sailing  
Photography  
Race-walk  
Bird watching  
Beach  
Horseback riding  
Running  
Scouts

**Outdoor appreciation (74)**

Would like to spend more time outdoors (39)  
To enjoy nature (17)  
Visit more parks (9)  
Relaxation (4)  
Warm weather (4)  
Winter

**Home (7)**

Home improvements (3)  
Purchasing land or house (2)  
Less responsibility at home  
Have own property in the woods

**Other (25)**

Purchasing outdoor equipment (15)  
Moving (8)  
Too crowded  
No pickle ball courts

**Question 5: What benefits does your household receive from participating in outdoor recreation activities? (4471)**

**Health (1,490)**

Exercise (784)  
Health (297)  
Physical fitness/physical health(117)  
Better/improved health (85)  
Mental health (68)  
Well being (22)  
Healthier living/lifestyle (23)  
Keeping active (2)  
Physical activity (7)  
Better sleep (10)  
Lift in spirits (2)  
Staying in shape (10)  
Vitamin D (3)  
More energy (8)  
Trying to lose weight (28)  
Heart benefit (7)  
Feel better (19)  
Better stamina (3)  
Better lung function (3)  
Personal growth  
Bodies and mind in a positive posture

**Social (618)**

Being with others (207)  
Being with others (47)  
Being together (62)  
Meeting people (19)  
Making memories (14)  
Being together in a healthy environment  
Bonding time (17)  
Camaraderie of likeminded people (4)  
Bring us closer together (4)  
A place to gather  
Togetherness (21)  
Doing things together (7)  
Get-togethers (6)  
Community (2)  
Enjoying the day together

Romance

**Family (354)**

Family time (207)  
Family togetherness (45)  
Spending quality time with family (2)  
Family bonding (28)  
Family recreation (7)  
Family oriented  
Family values (3)  
More family time  
Time with children (34)  
Family fun (6)  
Grandchildren (18)  
Child care (2)

**Friends (57)**

Spending time with friends (31)  
Socializing (24)  
Meeting with friends  
Time with boyfriend

**Experience nature (626)**

Fresh air (193)  
Enjoying nature/outdoors (238)  
Appreciation of the outdoors/nature (7)  
Connection with nature (5)  
To be outdoors (5)  
Sunshine (32)  
Enjoying weather (14)  
To be one with nature  
Scenery/Aesthetics (43)  
The outdoors (22)  
Clean air, clean water, away from crowds-noise  
Sense of adventure  
Opportunity to see new things (3)  
Preservation of nature (14)  
Wildlife viewing (31)  
To see the changing seasons (3)

Caring for nature (13)

### **Knowledge and education (117)**

Education (35)

Learning experiences (29)

Knowledge (4)

Kids learn more about nature (8)

Educational opportunities for the children (5)

Knowledge of nature and environment (19)

Life lessons

knowledge of the outdoors (2)

Learning new skills and ideas (2)

Learn about one another's strengths and weaknesses

Teach family to respect and honor natural resources(3)

Teaching my grandkids about the natural world

Naming flora and fauna (7)

### **Relaxation/Stress Release (451)**

Relaxation (213)

Stress relief/reduction (115)

Peace of mind (33)

Rest (8)

Chance to get away (2)

Peaceful (22)

Opportunity to get away from the daily stresses / routine (19)

Time away from the house and all its work (4)

Better outlook on life (4)

Getting away from everyday life

Clear mind (18)

Happier (7)

Balance (2)

Get out of the city (2)

Getting away from crowds

### **Activities (402)**

Fishing (69)

Hunting (54)

Walking (41)

Hiking (26)

ATV/ATV trails (25)

Camping (23)

Participating in sports activities (21)

Boating (16)

Picnicking (15)

Photography (14)

Biking (12)

Swimming (12)

Sightseeing (11)

Visiting historical sites (7)

Pool (7)

Playgrounds (6)

Exploring (6)

Winter activities (5)

Walking the dog for exercise (5)

Bird and wildlife viewing (5)

Food gathering (5)

Horse riding (5)

Hobbies (4)

Travel (2)

Canoeing (2)

Snowmobiling

Rock-climbing

Skate boarding

Backpacking

### **Fun/Enjoyment (212)**

Fun (110)

Enjoyment (69)

Entertainment (11)

Pleasure (20)

Mini vacations

Excitement

### **Financial (92)**

Food through hunting and fishing/meat on table (64)

Financial benefits from camping instead of staying in hotels

Inexpensive (7)

Cheap and easy way to be active

Low cost (11)

Minimal costs

Inexpensive way to have fun (6)

Firewood (2)

**Other (52)**

Benefits for pets (26)

Keeps you from watching TV

Transportation

My wife has time to herself (3)

Safe place (4)

This is how we use our time in retirement

No TV or video games (15)

If I want to see anything I'll go West

**Question 6: What are the most important reasons keeping you from participating in outdoor recreation activities as often as you would like? (3187)**

**Time constraints (570)**

Time (372)  
Lack of time (144)  
Busy schedules (49)  
No free time to plan or participate  
Lack of discretionary time (3)  
Convenience

**Work, school, and other commitment constraints (942)**

**Work-related commitments (811)**

Work (518)  
Job/occupation (55)  
Work schedule (106)  
Fluctuating work schedule (6)  
Work related travel (3)  
Overtime at work (4)  
Full-time job (15)  
Two jobs (7)  
Chores around the house (17)  
Workload  
Demanding career that requires many hours at the workplace (2)  
Job requirements  
Household duties/upkeep (50)  
Work related things (6)  
Volunteer work (5)  
No vacation (11)  
New job with more hours  
Commitments to career (3)

**School-related commitments(51)**

School (9)  
Kids sports schedule (13)  
Kids in school (8)  
Kids afterschool activities  
Continuing education (20)

**Other commitments (80)**

Other commitments (76)  
Church commitments (3)  
Son's commitment to travel soccer team

**Financial constraints (293)**

Money (144)  
Cost (27)  
Gas prices (55)  
Finances (23)  
Admission prices (5)  
Other expenses (2)  
Financial burden of raising a family  
Lack of free parking (2)  
Access charges (3)  
Park entrance fees (4)  
Expensive (4)  
Not being rich (2)  
Cost of travel (2)  
Current economic situation (7)  
Fixed income - can't afford to travel to places as often as we like  
Costs to do things that require rental fees (2)  
Rising prices (2)  
Unemployed (3)  
Loss of income (3)  
Membership fees

**Health constraints (470)**

Health (111)  
Age (160)  
Health issues (69)  
Disability (34)  
Bad legs (20)  
Arthritis (17)  
Back pain (16)  
Injury (7)  
Accessibility for disabled (6)  
Physical restrictions (5)  
Heart problems (4)

Recent surgery (3)  
Cancer (3)  
Diabetes/high sugar (2)  
Asthma (2)  
Poor health (2)  
Allergies (2)  
Wheelchair  
I easily burn in the summer  
My wife has become disabled  
No health care  
Medications  
Overweight  
Depression

### **Social constraints (220)**

#### **Family (189)**

Family commitments (65)  
Baby at home (12)  
Young children (41)  
Raising a child (2)  
Wife (2)  
Nothing there to do with children (5)  
Family and friend commitments  
Aging family member (19)  
Other activities with family and friends (3)  
I exercise indoors  
Family schedules (17)  
Pets (5)  
Spouse does not like outdoor activities (3)  
Personal commitments  
Pregnant (2)  
Family member with disability (7)  
Lack of diversity  
Death of spouse  
Children grown up

#### **Interpersonal constraints (31)**

No one to go with (22)  
Need partner to plan activity  
No friends (3)  
Live alone (2)  
Dating status

New to area  
Friends who shared outdoor activities have passed away

### **Weather and seasonal constraints (348)**

Weather (219)  
Cold weather (45)  
Poor weather (18)  
Gets dark too early in the winter (11)  
Winter (39)  
Snow (3)  
Wind (2)  
Driving in the winter isn't always possible (4)  
Unpredictable weather (2)  
Heat (5)

### **Facility and service constraints (146)**

#### **Facilities (60)**

Lack of facilities (10)  
State parks with constantly sold-out campsites  
Availability of areas (5)  
Variety of facilities  
Access to quality areas for recreation  
Condition of facilities (4)  
Accessibility (11)  
Not enough wildlife (2)  
Lack of resources (2)  
Lack of facilities close to home  
Lack of adequate bike & hiking trails nearby  
Crowds (4)  
Commercialization  
Cleanliness (5)  
Concerns about Lyme disease (2)  
Private land with no access (3)  
Restrictions  
Don't like PA  
Not enough hours (4)  
Parks closed down (2)

#### **Activities (33)**

Need more activities (4)  
No Sunday hunting (6)

Lack of diversity at recreational areas  
Not enough activities in Luzerne county (2)  
Not enough classes or groups in sports I like  
Lack of indoor activities (5)  
I need structured classes (2)  
Poor fishing (5)  
Dogs not allowed (5)  
Activity conflict  
Football season

#### **Information (10)**

Not familiar with many places  
Poor maps (2)  
Lack of advertising (2)  
Lack of "free" maps for trails  
Information (3)  
I don't hear about recreational activities I might like

#### **Transportation (43)**

Lack of transportation (11)  
No car (19)  
Commute (5)  
Parks not served by public transit (5)  
No way of trailering my horses  
Traffic  
No bike trails

#### **Location and distance constraints (122)**

Distance (90)  
Location (6)  
Travel (11)  
Not many large parks close to home (2)  
Distance to park (3)  
Some places are too far to get to and back in a day  
Traveling to reach preferred spots  
Nearby parks are close enough to ride a bike, but the roadways are not conducive to bike riding since there is little/no shoulder.  
Locations almost secret  
No place to go

Proximity of amenities (2)  
Urban area difficulties  
Do not like to travel  
Drive too far

#### **Intrapersonal constraints (66)**

Lazy (25)  
Lack of interest (25)  
Too tired after work (5)  
Tired (4)  
Not outdoorsy person  
Keeping fit  
TV, computer, video games  
Lack of planning  
Focus  
Ability to participate at own convenience  
Has to be something we would enjoy

#### **Safety constraints (10)**

Harassment from wardens (2)  
Feeling uncomfortable walking alone on isolated trails  
They need lifeguards (2)  
Fear of bees  
Stay in gated community  
Illegal ATV use  
Lack of safe facilities  
No cell phone



**Question 9: Has the price of gasoline influenced your participation in outdoor recreation activities? If yes, please explain how your participation has been influenced. (1141)**

**Travel (609)**

Travel less (188)

Do not travel as far (142)

Staying closer to home (93)

Participated in activities closer to home (37)

Traveled less because of fuel prices (37)

Reduced vacations or trips (30)

Shorten trips (24)

Reduced driving (17)

Drive less (9)

Combined recreation trips with other travel (9)

Ride a motorcycle or scooter (8)

Less out of state travel (6)

Less travel for recreation (3)

Take less vehicles (2)

Less travel by plane (2)

Travel by horse

Stop unnecessary use of car

Did not go (5)

Walk more (5)

Bike more (3)

More selective or limit activities

Cut grass less

Snowmobile less

**Cost (302)**

Costs too much (71)

Price of gas too high (61)

Less money to spend on trips (51)

Can't afford to go (50)

Too expensive (41)

On fixed income (16)

Get friends to split costs or carpool (9)

Work more (2)

Plan more

**Activity participation (230)**

Participate less often (72)

Participate less in recreation activities (61)

Less visits to park (27)

Less use of boat (16)

Decreased (17)

Less use of trailer (8)

Less use of RV (7)

Less days fishing (6)

**Questions 10: Have you cut back expenses in other areas to continue your participation in outdoor recreation activities? If yes, please explain what adjustments you have made (415)**

Eat out less (74)  
Cut back on everything (50)  
Travel less (44)  
Spend less (31)  
Participate less in outdoor recreation (26)  
Spend less on entertainment (24)  
Spend less on equipment (21)  
Travel closer to home (18)  
Use less services (15)  
Buy less (10)  
Buy generic (10)  
Don't go out as much (10)  
Combine recreation trips with other trips (9)  
Save money (6)  
Camp more (6)  
Spend more time outside (5)  
Work more (5)  
Stay home more (5)  
Cut back energy use (5)  
Free activities (4)  
Watch costs (4)  
Pack lunch (4)  
Reduced home projects (4)  
Carpool (4)  
Stopped smoking (3)  
Purchased small car (3)  
Sold recreation equipment (3)  
Garden more (3)  
Bike more (2)  
Clip coupons (2)  
Do more with less  
Moved closer to work  
Moved in with friends  
Pay cash  
Hunt more for meat

**Question 13: What types of programs would you like to see offered in your area, and who should provide them? Type of program, please specify (853)**

**Activity skills (310)**

**Outdoor recreation (146)**

Archery (22)  
Shooting (21)  
Bicycling (17)  
Fishing (17)  
Hunting (13)  
Outdoor appreciation (8)  
Outdoor survival (6)  
Horseback riding (6)  
ATV riding (7)  
Hiking (4)  
Orienteering (4)  
Rock climbing (4)  
State parks (4)  
Geocaching (2)  
Outdoor safety (2)  
Birding (2)  
Gardening (2)  
Camps  
Trapping  
Hang gliding  
Nature identification  
Astronomy

**Sports (74)**

Sports (14)  
Basketball (6)  
Skate boarding (5)  
Golf (5)  
Softball (4)  
Disc golf (4)  
Baseball (4)  
Football (4)  
Roller blading (3)  
Soccer (3)  
Tennis (3)  
Pool (3)  
Rink (3)

Horseshoes (2)

Volleyball (2)

Tennis (2)

Bowling

Track and field

Racquetball

Bocce ball

Hockey

Gymnastics

Fencing

**Other (32)**

Adult education (8)

Dance lessons (6)

Kids activities (5)

Arts and crafts (3)

More group activities (2)

Games (2)

Recreation department

Tournaments

Recreation center

Motorcycling

Writing

Fly tying

**Water recreation (25)**

Swimming (13)

Kayaking (5)

Canoeing (4)

White water (2)

Water sports

**Winter recreation (17)**

Ice skating (7)

Cross country skiing (5)

Skiing (3)

Ice fishing

Snowshoeing

**Fitness (16)**

Fitness (5)  
Running/jogging (4)  
Tai chi (2)  
Dog walking (2)  
Yoga (2)  
Walking

**Arts and crafts (145)****Crafts (49)**

Using natural material (12)  
Wood working (11)  
Sewing (5)  
Knitting (5)  
Building (3)  
Fly tying (3)  
Scrapbooking (2)  
Spinning wool (2)  
Quilting  
Jewelry  
Weaving  
Rubber stamping  
Model planes  
Light show

**Arts (45)**

Painting (23)  
Drawing (6)  
Pottery/ceramics (4)  
Photography (3)  
Stained glass (3)  
Oil painting (2)  
Sculpture (2)  
Watercolors  
Graffiti

**Other programs (39)**

Arts and crafts (15)  
Programs for youth (11)  
Recreation programs (5)  
Boy and girl scouts (2)  
Summer programs (2)

Natural heritage programs (2)  
Big brother/sister programs  
Volunteers

**Skills (12)**

Music (4)  
Cooking (2)  
Casting courses (2)  
Teaching (2)  
Self-defense  
Gardening

**Environmental education (265)**

Environmental programs (92)  
Green living (18)  
Recycling (16)  
Conservation (12)  
Environmental protection (10)  
Environmental education (9)  
Renewable energy (8)  
Pollution (7)  
Outdoor activities (6)  
Climate change (2)  
Preservation (2)  
Guided hikes (2)

**Wildlife programs (73)**

Wildlife programs (48)  
Birds (20)  
Insect programs (3)  
Tracking  
Wolves

**Forest programs (70)**

Nature study (20)  
Plant identification (12)  
Forest management (11)  
Tree programs (10)  
Rocks/geology (5)  
Ecology (5)  
Flowers (3)  
Soils (3)

Landscaping

**Water programs (20)**

Water conservation (7)

Water quality (5)

Stream ecology (5)

Watershed programs

Catch and release

Wetlands

**Other (10)**

Astronomy (3)

Hunter safety (3)

Gardening (2)

Indian education

Safety

**Other (133)**

**Facilities (49)**

ATV trails (15)

Dog parks (7)

Walking paths (6)

Bike trails (4)

Pools (4)

Skating rink (2)

Rails to trails (2)

Horseback trails (2)

Community center

Skate park

Volleyball courts

Group space

Pickle ball courts

Playgrounds

More trails

**Programs (47)**

Historical programs (6)

Outdoor recreation programs (6)

Swimming programs (5)

Programs for those with disabilities (5)

Conservation programs (4)

Volunteer programs (2)

Music programs (2)

Fitness programs (2)

Handicap hunting (2)

Senior programs (2)

Hunter safety (2)

Yoga (2)

Habitat programs

Geocaching

Tennis programs

Night sky programs

Access to water

Dance programs

Gardening programs

**Youth programs (24)**

Youth hunting (7)

Youth programs (5)

Programs for young adults (4)

Youth fishing (4)

Programs for special needs youth (2)

Keep kids off streets

4H

**Other (13)**

Hunting food plots (2)

River kayaking

Concerts in park

RC flying courses

Local festivals

Poetry

Concession stands

Neighborhood beautification

Transportation

Book club

Rental opportunities

Adult education

**Question 14: Are there any activities you did not participate in during the past year you would like to start doing? If yes, please list activities (607)**

**Outdoor recreation activities (365)**

Biking (101)  
Fishing (43)  
Hiking (34)  
Camping (25)  
Horseback riding (20)  
Hunting (16)  
ATV riding (13)  
Archery (12)  
Exploring nature (11)  
Mt. biking (10)  
Historic sites (8)  
Rock climbing (8)  
Backpacking (8)  
Target shooting (7)  
Geocaching (6)  
Park visits (6)  
Sky diving (4)  
Hang gliding (4)  
Gardening (4)  
Birding (3)  
Picnics (3)  
Walking dog (3)  
Trapping (3)  
Dog park (2)  
Rails to trails (2)  
Plant identification (2)  
Astronomy/star gazing (2)  
Motorcycle  
Reenactment  
Lumberjack competitions  
Wilderness survival  
Kite flying

**Fitness activities (130)**

Fitness/exercise (49)  
Walking (45)  
Yoga (14)  
Running/jogging (10)

Going to the gym (7)  
Tai chi (2)  
Water aerobics (2)  
Self-defense

**Water based activities (128)**

Swimming (51)  
Kayaking (25)  
Canoeing (21)  
Motor boating (11)  
Whitewater rafting (7)  
Sailing (5)  
SCUBA diving (2)  
Tubing (2)  
Water sports (2)  
Rowing  
Water skiing

**Winter activities (85)**

Skiing (25)  
Cross-country skiing (20)  
Ice skating (19)  
Snowshoeing (8)  
Ice fishing (4)  
Snowboarding (3)  
Winter activities (3)  
Snowmobiling (2)  
Ice climbing

**Sport related activities (73)**

Golf (14)  
Rollerblading (11)  
Tennis (10)  
Volleyball (7)  
Racquet ball (5)  
Soccer (5)  
Sports (4)  
Bowling (4)  
Basketball (3)

Disc golf (3)  
Ultimate frisbee (2)  
Softball (2)  
Baseball (2)  
Lacrosse

**Other activities (39)**

Dancing (7)  
Arts and crafts (7)  
Travel/vacation (3)  
Card playing (3)  
Sewing (2)  
Photography (2)  
Sleep  
Segway tours  
Genealogy  
Computer classes  
Painting  
Model rail roading  
Chess club  
Work  
Canning  
Wii  
Musical instruments  
Learning languages  
Playing music  
Volunteering  
Driving

**Question 14: Are there any activities you did not participate in during the past year you would like to start doing? If yes, please list what would help you participate in each activity (756)**

**Access (262)**

More facilities close to home (94)  
Places closer to home (79)  
Trails close to home (46)  
More access (20)  
Improved water access (10)  
Pool closer to home (11)  
Access for wheelchairs (2)

**Personal (247)**

More time (110)  
Someone to go with (91)  
Motivation (17)  
Change work schedule (12)  
Need to retire (7)  
Need to get family involved (3)  
Kids getting older (3)  
Need to improve health  
Friends  
Wife  
Partners

**Programs and services (76)**

More programs and classes (35)  
More information on where to go (26)  
Transportation services (4)  
More deer (3)  
Stock more fish  
Activities with children (3)  
Need childcare (3)  
More education

**Facility improvements (66)**

Safer bike paths (14)  
Safer places (7)  
More rinks (7)  
Wider shoulders on roads (5)  
More off road trails (4)  
More gyms (3)

Indoor facilities (2)  
Improved facilities (2)  
Places to camp with dogs (2)  
Public garden areas (2)  
Fitness center (2)  
Public ranges closer (2)  
More swimming areas (2)  
Indoor climbing facilities (2)  
Local training areas  
More walking areas (2)  
More senior centers  
More open space  
Places to skate  
Sidewalks  
Scenic paths

**Financial (64)**

Lower costs (32)  
Money (17)  
Reduce entry fees (10)  
Lower gas prices (2)  
Grants  
Cost of tags  
Too many bills

**Other (41)**

Equipment (11)  
Need a bike (11)  
Better weather (5)  
Nothing (5)  
Need snowmobile  
Need scooter  
Local rowing club  
Local instructors  
Keep cleaner  
Mobility chair  
Lower population density  
More tours  
Newsletters



**Question 15: Are there any activities someone else in your household did not participate in during the past year they would like to start doing? If yes, which activities? (403)**

**Youth, 18 and under (153)**

**Outdoor recreation activities (53)**

ATV (7)  
Horseback riding (7)  
Archery (6)  
Biking (5)  
Hunting (4)  
Bike trails (4)  
Fishing (4)  
Summer camp (4)  
Target shooting (4)  
Outdoor education (3)  
Hiking (2)  
Camping  
Rock climbing  
Play areas

**Sport activities (37)**

Soccer (8)  
Basketball (5)  
Football (4)  
Gymnastics (3)  
Golf (3)  
Baseball (3)  
Skate boarding (3)  
Lacrosse (2)  
Boxing  
Frisbee  
Volleyball  
Sports  
Karate  
Paintball

**Winter activities (25)**

Ice skating (12)  
Snowboarding (6)  
Skiing (5)  
Snowmobiling (2)

**Water based activities (16)**

Kayaking (5)  
Canoeing (4)  
Swimming (4)  
Boating (2)  
Snorkeling

**Other activities (15)**

Dance (5)  
Arts and crafts (2)  
Pre-school (2)  
Plays (2)  
Chess  
After school programs  
4H  
Skate boarding

**Fitness activities (7)**

Exercise (5)  
Running  
Walking

**Post boomers, Under 44 (122)**

**Outdoor recreation activities (54)**

Biking (11)  
Fishing (8)  
Archery (5)  
ATV (5)  
Hiking (4)  
Park visits (3)  
Rock climbing (3)  
Camping (2)  
Hunting (2)  
Horseback riding (2)  
Mountain biking (2)  
Skydiving  
Driving for pleasure  
Outdoor education  
Target shooting

Wildlife viewing  
Spelunking  
Hang gliding

**Fitness activities (20)**

Running/jogging (7)  
Walking (7)  
Physical fitness (5)  
Yoga

**Winter activities (15)**

Skiing (5)  
Ice skating (4)  
Cross country skiing (3)  
Ice climbing  
Snowmobiling  
Ice fishing

**Water based activities (13)**

Swimming (3)  
Scuba (2)  
White water rafting (2)  
Boating (2)  
Kayaking (2)  
Canoeing (2)

**Sport activities (12)**

Soccer (3)  
Golf (2)  
Basketball (2)  
Racquet ball  
Roller skating  
Baseball  
Tennis  
Lifting

**Other activities (8)**

Dog parks (3)  
Motorcycles  
Music  
Canning  
Cooking

Arts and crafts

**Boomers, 44-62 (98)**

**Outdoor recreation activities (38)**

Biking (15)  
Camping (6)  
Fishing (6)  
Hiking (4)  
Hunting (3)  
Visit historic areas  
Shooting ranges  
Horseback riding  
ATV

**Fitness activities (29)**

Exercise (13)  
Walking (10)  
Running (4)  
Water aerobics (2)

**Water based activities (12)**

Boating (3)  
Swimming (2)  
Canoeing (2)  
Kayaking (2)  
Scuba  
Rowing  
Tubing

**Other activities (9)**

Dance (2)  
Music (2)  
Movies (2)  
WII  
Arts and crafts  
Women's groups

**Sport activities (5)**

Bowling (2)  
Golf (2)  
Basketball

**Winter activities (5)**

Skiing (2)

Winter activities

Snow shoeing

Ice skating

**Pre boomers, Older than 63 (30)****Outdoor recreation activities (15)**

Fishing (5)

Biking (2)

Boating (2)

Swimming (2)

Trails

Target shooting

ATV

Ice skating

**Fitness activities (11)**

Walking (7)

Exercise (3)

Running

**Other activities (4)**

Quilting

Music

flying

Chess

**Question 15: Are there any activities someone else in your household did not participate in during the past year they would like to start doing? If yes, what would help them participate in the activity?**  
(375)

**Youth, 18 and under (140)**

**Facility improvements (62)**

Facilities closer to home (43)  
Rinks closer to home (5)  
More trails (4)  
Shooting ranges (2)  
Safer trails (2)  
Indoor pool  
Open roads in hunting season  
Gym facility  
More courts  
Places to ride bikes  
Rails to trails

**Programs and opportunities (30)**

More programs (11)  
More opportunities and availability (10)  
Programs for children homeschooled (2)  
More clinics (2)  
More educated leaders (2)  
More information  
All girls leagues  
Club team

**Other (26)**

Time (10)  
Equipment (4)  
Grouping (2)  
Training (2)  
Transportation (2)  
More volunteer coaches  
Mom's permission  
Open children's playhouse  
Less homework  
Logistics  
Motivation

**Financial (22)**

Lower cost (12)  
Money (8)  
Free swim lessons  
Lower license fees

**Post boomers, Under 44 (111)**

**Facility improvements (38)**

Facilities closer to home (18)  
Trails (4)  
Indoor facilities (3)  
Rinks closer to home (3)  
Safer areas (3)  
Courts (2)  
Better bike areas  
Sidewalks  
ATV trails  
Clean swimming areas  
Boat launches

**Personal (35)**

Time (22)  
Someone to do it with (10)  
Motivation (2)  
Finish college

**Financial (21)**

Lower cost (11)  
Money (6)  
Free programs (3)  
Lower cost of license

**Programs and opportunities (9)**

More access (4)  
More programs (2)  
More opportunities (2)  
More advertising

**Other (8)**

Equipment (4)  
Dog parks  
Weather  
More places to rent  
Getting a dog

**Boomers, 44-62 (94)**

**Facility improvements (27)**

Facilities closer to home (17)  
Trails (4)  
Bike lanes (3)  
More rails to trails  
Places to camp with dogs  
Indoor pool

**Personal (33)**

More time (17)  
Friend to do it with (7)  
Health (5)  
Motivation (4)

**Other (15)**

Equipment (7)  
More information (5)  
Water levels  
Biggest loser  
More overlooks

**Programs and opportunities (13)**

More programs (5)  
More access (4)  
Safer areas (4)

**Financial (6)**

Lower cost (5)  
Money

**Pre boomers, Older than 63 (30)**

Facility improvements (12)  
Facilities closer to home (9)  
More shooting ranges  
Places for dance

New Shooting Ranges

**Personal (8)**

Time (4)  
Friends to do it with (2)  
Health (2)

**Programs and opportunities (5)**

More programs (2)  
More access (2)  
Senior group activities

**Other (5)**

More information (2)  
Transportation  
Weather  
Maps of places to go

**Question 17: In your opinion, to what extent does your outdoor recreation participation result in any of the following health benefits? Other, please specify (74)**

**Well-being (33)**

Happiness (7)  
Fun (5)  
Pet exercise (5)  
Well-being (4)  
Relax (3)  
Improved mind (2)  
Weight loss (3)  
Healthier lifestyle (2)  
Sleep better (2)

**Social (16)**

Socialization (7)  
Get close with family (4)  
Community pride (3)  
Time together (2)

**Nature (16)**

To be in nature (7)  
Religious/spiritual (6)  
Sunshine (3)

**Other (9)**

Education (3)  
Time alone (2)  
Food for the table (2)  
Financial  
Stimulation

**Question 18: Do you walk or ride a bike in your neighborhood? If no, what is the main reason you don't walk or bike in your neighborhood (696)**

**Personal (285)**

Health (67)  
No time (52)  
No equipment (39)  
Lack of interest (27)  
Disability (19)  
Walk in woods (12)  
Too old (11)  
Lazy (11)  
Work (10)  
Walk when I can (10)  
Age (10)  
No one to ride with (6)  
Exercise indoors (5)  
Never tried (3)  
Family members health  
Need someone to watch children  
Cannot balance

**Safety (164)**

Not safe or dangerous (74)  
Traffic (50)  
Unsafe roads (14)  
Safer walking and biking areas (13)  
Road busy (11)  
Lower speed limit (2)

**Infrastructure (151)**

Hilly terrain (39)  
No sidewalks (35)  
No bike paths (35)  
No place to ride (27)  
Need more trails (10)  
Need wider shoulders (5)

**Location (49)**

Live in rural area (25)  
Distance (13)  
Bad neighborhood (10)

Community discourages physical activity

**Other (47)**

Weather (36)  
Ride bike elsewhere (4)  
Dogs (2)  
Hassle to get out bike  
Take public transportation  
Ride in summer  
Courtesy from other user groups  
Wildlife

**Question 19: What changes would you like to see in your community for pedestrians and cyclists?  
(1382)**

**Cycling areas (509)**

Bike lanes on roads (193)  
Bike paths (190)  
Bike trails (85)  
More access to bike trails (12)  
Mark bike lanes (10)  
No room for cyclists on roads (8)  
Bike racks (3)  
Places to lock up bikes (2)  
Bike paths that lead to shopping areas  
Requiring all bikers to wear helmets  
Places to ride bikes  
More paths for family cycling  
Mark bike lanes  
Expand bike areas

**Pedestrian areas (375)**

More walking paths (189)  
Add sidewalks (138)  
Wider sidewalks (15)  
Walking paths that lead to community areas  
(11)  
Need rails to trails (16)  
Walking paths away from traffic (3)  
No room for pedestrians on roads  
Indoor walking areas  
Walking areas

**General improvements (265)**

More maintenance on sidewalks and walking  
trails (73)  
More trails and off road areas (63)  
Wider roads and streets (29)  
Wider shoulders (18)  
Paths (19)  
Designated areas (15)  
Better roads (11)  
Paved roads (6)  
More parks (5)

Rest area with benches (4)  
Winter work on walking paths (4)  
Smoother sidewalks (3)  
More nature trails (2)  
Pick up trash  
Restrooms  
Benches along paths  
Unpaved sidewalks  
Dog friendly areas (4)  
Paths along rivers  
Snow removal

**Safety and education (151)**

Safety (28)  
Education for drivers, cyclists, and walkers to  
learn to share roads (27)  
Safe walking paths (26)  
Safer bike lanes (21)  
Street lights (15)  
Safe cross walks (15)  
Need safe places for children (10)  
Security (3)  
Safer roads (3)  
Share roads (2)  
Require reflective equipment

**Law enforcement (64)**

More enforcement of traffic rules (28)  
Speed limit lowered (15)  
Signage (13)  
Traffic signals (3)  
Speed laws  
Shared road signs  
Remove parking meters  
Speed bumps  
Reduced drug trafficking

**Other (18)**

We have nice paths and trails in town (5)



More promotion of trails (4)  
Nothing for bikes in my town  
Enjoy the rails to trails  
Have park close to home  
Horse trails  
Stop public funding  
No horse drawn carriages  
Don't like cyclists or joggers on road

**Question 20: If you have school-aged children at home, how many days per week do they walk or ride their bikes to school? If yes, what is the most important barrier keeping them from walking or biking to School (367)**

**Safety (186)**

Safety (70))

Traffic (27)

No bike lanes (19)

Street too busy (19)

Children too young (19)

No sidewalks (17)

Too dangerous (5)

Crazy people (5)

Don't trust kids (3)

No crossing guards (2)

**Distance (133)**

Too far (50)

Too far from school (44)

Distance (26)

In rural area (13)

**Other (48)**

Weather (13)

Use bus (8)

Time (8)

Lazy (6)

Nothing (4)

Homeschooled (2)

Other kids

Kids too fat

Would be late for school

Drive themselves

Video games

Helmet law

Work

**Question 22a: How important to you are each of the following priorities for funding recreation and conservation programs? Other, please specify (96)**

**Facilities (35)**

More ATV trails (6)  
Facility improvement for parks (6)  
Rails to trails (6)  
More boat launches (5)  
Dog parks (2)  
Parks for kids (2)  
More parks (2)  
Disc golf courses (2)  
Horseshoe pits  
More trails  
More skate parks  
Restrooms

**Other (14)**

Safety (5)  
Provide transportation (4)  
More wildlife viewing opportunities (2)  
Plan for future  
Rejuvenate old neighborhoods  
Safe areas for wildlife crossing

**Information and programs (20)**

Youth programs for resource protection (6)  
Local volunteers to help with resource protection (4)  
More information (4)  
Educate in schools (3)  
Educate ATV riders  
Promote outdoor activities  
Share the road

**Conservation (15)**

Protect state land and open land (7)  
Stop development (3)  
Improve and protect watersheds (3)  
Mandatory recycling  
Green policy

**Cost and funding (12)**

More funding (4)  
Lower taxes (4)  
Reduce spending  
Grant money  
Add user fees  
Low cost fitness for seniors

**Question 23: What sources of information does your household use to learn about outdoor recreation opportunities in PA? Other , please specify (29)**

Newsletters (6)	Venture outdoors
Internet (3)	Sierra club
AAA (3)	On-site employees
Information at local parks (3)	Local TV
PA Go Magazine (2)	Boat shows
Hunting license literature (2)	Boy/girl scouts
Local library (2)	Billboards
Work	

**Question 23: What sources of information does your household use to learn about outdoor recreation opportunities in PA? Internet search, specify websites (276)**

Google (111)	DEP (2)
State park website (45)	Railstotrails.org (2)
DCNR (33)	Travel sites (2)
PA Game Commission (18)	Phillyfunsaver.com
Yahoo (17)	Phila.gov
PA website (12)	Huntingpa.com
PA Fish and Boat (9)	Active.com
Visitpa.com (6)	Ask.com
PA.gov.us (5)	AAA
State.pa.us (3)	Dgcoursereview.com
Erie.com (3)	MapQuest

**Question 23: What sources of information does your household use to learn about outdoor recreation opportunities in PA? Other tourist site, please specify (21)**

AAA (5)

Brochures at rest areas and restaurants (4)

State visitor and information centers (2)

PA state (2)

Phonebook

Telephone campaign

Rails to

Park office

Rec.com

Local clubs

Law. co. tourism

Gophila.com

**Question 24: Have you been able to find all the information you need to plan outdoor recreation activities from existing sources? If no, which additional information do you need? (259)**

More information (31)	Information on jogging areas
Better/more maps (28)	Updates on closures
Park website improvement (28)	TV ads
Pamphlet of local recreation areas (22)	Information on historical places
Information on water recreation (11)	Transportation
Comprehensive list of resources (10)	Information on covered bridges
Information on trails (9)	
Information published in local newspapers (8)	
Newsletters (8)	
Information on campgrounds (7)	
Where to go (7)	
Pamphlet on all state parks (6)	
Mailings (6)	
Times (6)	
Information on fees (5)	
Hours of operation (5)	
Information on accessibility (5)	
Driving directions (4)	
Pamphlet on county attractions (4)	
Event information (4)	
Information on pets at parks (4)	
State parks need a 1-800 number (4)	
Visitor center (4)	
Travel guides (3)	
Information on rails to trails (3)	
Calendars of regional activities (3)	
More education for young people (2)	
Daily information about weather and park conditions (2)	
More free activity days (2)	
Rules and regulations (2)	
Where to ride ATV's and dirt bikes (2)	
Increased number of brochure locations	
Rental information	
Safety information	
What to bring	
Gazetteer of forest/park roads	
Email events	
Information on where to go	
Information on parking areas	

**Question 31: Do you, or anyone in your household, have a physical disability that affects your ability to participate in outdoor recreation? If yes, what accommodations could be made to improve your ability to engage in outdoor recreation activities (271)**

Can't think of anything/nothing (70)

Disability prevents me from going outdoors (41)

Walkways (27)

Wheel chair access (23)

Smooth walking surfaces (14)

More access (13)

Rest areas on trails (12)

Handicap access (11)

Motorized chairs (10)

More handicap parking (9)

Ramps (8)

Transportation (6)

More bathrooms (5)

Trails for ATV (4)

Less steps (3)

Programs for seniors (2)

Railings (2)

Wheel chair trails (2)

Shaded areas (2)

Van service

Programs for mentally ill

More lighting

Softer walking areas

Level places to ride

Sign language interpreters

Stroller access

**Question 32: Which of the following categories best describes your race and/or ethnic background? Other, please specify (24)**

Mixed race (5)

Hispanic (4)

Irish (2)

Swiss-German

Scotch-Irish

Polish

Honduran

German

Eastern European

Asian Indian

Armenian

Slovak

Middle Eastern

Jewish

Italian

Christian

## **Appendix 3**

### **Regional Comparisons**



## Regional Comparisons

This appendix provides an expanded description and analysis of the similarities and differences in the outdoor recreation patterns and perceptions of residents living in different regions of Pennsylvania (see Figure 1, page 2 for a map showing the region boundaries). There are many consistent response patterns across the various parts of the state. For some variables, there are notable differences between the non-urban and more urban regions. In general, Philadelphia stands out as the most unique region. In some cases, responses from the Pittsburgh area are similar to those from Philadelphia, while in other ways Pittsburgh is more like the non-urban areas of the state.

The following paragraphs summarize some of the key differences and unique characteristics of the eight SCORP regions (six geographic regions plus Pittsburgh and Philadelphia). These summaries are followed by detailed tables showing the responses for survey questions for each of the regions.

### North West Pennsylvania

On an average week, residents in the North West region spent more hours on outdoor recreation activities away from home than residents of any other region. Along with those from the North Central area, North West region residents were the most likely to participate in outdoor recreation activities at state parks, forests, game lands, or other state areas. Consistent with all regions, those in North Western Pennsylvania were most likely to indicate “health” as a benefit received from outdoor recreation. North West residents were also more likely than those from other regions to report “fun” as a benefit of outdoor recreation. As for all regions, “work and school commitments” were the most important constraints keeping North West region residents from participating in outdoor recreation. Likewise, “fitness” and “senior” programs were the highest priorities for the types of programs they, along with those in other regions, would like to see offered in their area. Residents in the North West region were the most likely of all regions to participate in the activities of camping and golf. Along with residents of the North Central region, North West residents were somewhat more likely to participate in the activity of canoeing. However, North West region residents were the least likely to indicate a need for more access to most types of water-based recreation areas. They also were less likely to indicate a need for more or improved environmental education areas, natural or wild areas, and wildlife and fish viewing areas. North West area residents were the least likely to agree with the statement “local waterways for boating and fishing opportunities are inaccessible near where I live.”

### South West Pennsylvania

Unlike their North West and North Central counterparts, residents in the South West region were somewhat less likely to concentrate their outdoor recreation activity at state parks, forests, game lands, or other state areas, and more likely to use local or municipal areas. Residents in the South West region were similar to every other region in ranking “health” as the highest benefit received from outdoor recreation activities. Across all of the regions, residents of South West Pennsylvania were most likely to report “work and school commitments” as constraints to their outdoor recreation. Similar to other regions, the South West region rated “fitness” and “senior” programs as the types of programs residents would like to see offered in their area. Much like other regions, residents in the South West strongly agreed with the

statement “It is important for citizens to play a role in conserving our lands and waters.” The residents strongly disagreed with the statement “My individual actions make no difference in conserving the natural environment.” Of all the regions, residents in the South West were the most likely to participate in the activity of bicycling. Along with the North West and North East regions, South West residents were especially likely to report household members participating in the activity of fishing. Similar to other regions, residents of the South West were most likely to indicate a need for increased and improved bike lanes for their area. Of all the regions, residents in the South West were the most likely to indicate the need for increased and improved ATV and four-wheel driving trails. They also indicated relatively high need for more and improved access to various types of boating and fishing areas.

#### North Central Pennsylvania

On average, North Central area residents spent close to 7 hours a week on outdoor recreation away from home, which was more than any other region except the North West. Residents in the North Central region were among the most likely to participate in outdoor recreation activities at state parks, forests, game lands, or other state areas, and less likely than those in other areas to use local/municipal areas. Across all the regions, the residents of the North Central area were the most likely to list “activities” and “financial” benefits of outdoor recreation. As for all areas, residents of the North Central region rated “work and school commitments” as the greatest reason for not participating in outdoor recreation as often as they would like. Likewise, residents in the North Central region indicated they would like to see more programs in their area related to “fitness” and “seniors.” The North Central region was similar to other regions with most respondents strongly agreeing with the statement “It is important for citizens to play a role in conserving our lands and waters” and strongly disagreeing with the statement, “My individual actions make no difference in conserving the natural environment.” Residents of the North Central region were the most likely of all regions to participate in the activities of ATV riding, hunting, archery, and rifle/hand gun shooting. Residents in the North Central region were less likely to indicate a need for increased or improved areas for motorized boating. Similar to other regions, residents in the North Central region indicated a need for more bike lanes.

#### South Central Pennsylvania

Residents in the South Central region were more likely to participate in outdoor recreation activities at state parks, forests, game lands, or other state areas than any other type of area. Although “health” was the most frequently cited benefit, South Central area residents (along with Pittsburgh) mentioned the benefit of “relaxation” relatively often. As with all regions, “work and school commitments” was the most frequently mentioned constraint to outdoor recreation. Similar to other regions, the South Central region reported “fitness” and “senior” programs the highest as the type of programs they would like to see offered in their area. Much like other regions, residents in the South Central strongly agreed with the statement “It is important for citizens to play a role in conserving our lands and waters.” The residents also strongly disagreed with the statement “My individual actions make no difference in conserving the natural environment.” Residents of the South Central region were slightly less likely than those in other regions to walk or ride a bike in their neighborhood. Residents of the South Central region were the most likely to participate in the activities of nature study and bird watching, and the least likely to participate in the activity of snowmobiling. Of all the needs listed in the survey, residents of the South Central region

indicated the greatest need for more bike lanes and bike paths. Additionally, these residents indicated a need for more rental cabins, nature inns/lodges, dog parks, and skateboard/rollerblade areas. Residents of the South Central region were also somewhat more likely to indicate a need for improved motorized and non-motorized boat access.

#### North East Pennsylvania

Like most non-urban areas of the state, residents in the North East region were more likely to participate in outdoor recreation at state parks, forests, game lands, or other state areas than at areas under other jurisdictions. Residents in the North East region were also similar to every other region in listing “health” as the most common benefit received from outdoor recreation participation. Likewise, they most likely listed “work and school commitments” and “time” as reasons for not participating in outdoor recreation as often as they liked. Residents in the North East were most interested in seeing “fitness” and “senior” programs offered in their area. Residents in the North East, as well as Pittsburgh, were the most likely of all the regions to disagree with the statement “Parks and natural areas decrease the value of nearby properties.” Residents of the North East were the most likely of all regions to participate in the activities of kayaking and rowing. Similar to the North Central and South West regions, North East residents were more likely to participate in fishing than other regions. Residents of the North East region were most likely to indicate a need for more and improved indoor pools and picnic areas. Across all regions, residents in the North East were the most likely to indicate a need for increased walking paths, bike lanes, bike paths, and environmental education areas. Similar to Philadelphia, the North East region indicated a need for more wildlife and fish viewing areas.

#### South East Pennsylvania

It is important to note that Philadelphia has been separated from the South East region because residents of the South East frequently responded differently than those living in the city of Philadelphia. Those in the South East region were more likely to participate in outdoor recreation activities at local/municipal areas than at any other type of area. Like all the regions, those in the South East were most likely to cite “health” as a benefit of outdoor recreation, but they also were relatively likely to mention “nature.” Like the other regions, those in the South East generally listed “work and school commitments” and “time” as the two factors constraining them from participating in outdoor recreation. Similar to other regions, South East Pennsylvania residents were most interested in seeing “fitness” and “senior” programs offered in their area. Compared to other regions, South East residents were the most likely to agree with the statement, “open space near where I live is threatened by development” but were also most likely to agree with the statement, “public recreation areas near where I live are well maintained.” Perhaps surprisingly, South East area residents were the most likely to participate in the activity of night sky viewing. Along with the South Central and North East regions, South East residents were also the most likely to participate in the activity of visiting historic sites. Residents in the South East region were the most likely to indicate a need for more overnight recreation facilities like campgrounds, rental cabins, and nature inn/lodges. Additionally, residents in the South East were similar to other regions in indicating a need for more and improved bike lanes.

## Pittsburgh

Pittsburgh residents show the highest proportion of outdoor recreation at local/municipal areas and less at state parks, forests, game lands, or other state areas. Like those in other regions, Pittsburgh residents listed “health” related benefits most frequently. They were less likely, however, than residents of non-urban regions to report nature-based benefits of outdoor recreation. Like all regions, the top constraining factors to outdoor recreation were “work and school commitments” and “time.” Also, similar to other regions, the Pittsburgh residents generally rated “fitness” and “senior” programs as the types of programs they would like to see offered in their area. Similar to the North East region, residents of Pittsburgh were the most likely to disagree with the statement “Parks and natural areas decrease the value of nearby properties.” Of all the regions, residents in Pittsburgh were the most likely to indicate participation in swimming. Similar to the North West, Pittsburgh residents were more likely to indicate they participated in the activity of golf. Along with Philadelphia, residents of Pittsburgh were least likely to indicate they participated in hunting. Similar to Philadelphia, residents of Pittsburgh were the most likely to indicate a need for more rental cabins and nature inns/lodges. Like many regions, Pittsburgh area residents also indicated a need for more and improved bike lanes. Of all the regions, residents of Pittsburgh were the least likely to indicate a need to increase the amount of or improve big game hunting areas.

## Philadelphia

Compared to the other regions, Philadelphia residents generally spent the most time during an average week on indoor and outdoor recreation activities away from home. They reported more trips to public outdoor recreation areas, inside and outside of Pennsylvania, than residents of any other region. Compared to all other regions, Philadelphia region residents reported far greater concentration of their recreational activity at local/municipal areas and the lowest amount at state parks, forests, game lands, or other state areas. Along with Pittsburgh, residents of Philadelphia were less likely to report nature-based benefits of outdoor recreation than those living in the non-urban regions. However, “health” remained the most frequently cited benefit for Philadelphians, along with residents of all other regions. Philadelphia residents ranked “time” as their greatest constraint to outdoor recreation. Time constraints, along with “work and school commitments,” accounted for 38% of constraints mentioned, compared to over half for all other regions. Residents of Philadelphia showed unusually high levels of interest in all types of programs (fitness, senior, environmental, etc.), but were especially interested in before and after school programs for youth. Overall, residents of the Philadelphia area reported lower satisfaction with all types of recreation areas than residents of other areas. Philadelphia residents were the least likely to agree with the statements “public recreation areas near where I live are well maintained”, “my community is a safe and easy place to walk,” and “there are enough public recreation areas close to where I live.” Philadelphia residents were the most likely to agree with the statements “streams and rivers near where I live are in poor condition” and “I need more information about the availability of recreation areas and opportunities.” Residents of the city rated providing programs at parks and recreation areas as a higher priority than those from any other region. Residents of Philadelphia were the least likely to participate in the activities of fishing and hunting. Across all regions, residents of Philadelphia were the most likely to participate in sport-related activities. With regards to facilities, Philadelphia residents reported the greatest need for many types of facilities and areas, but especially for more and improved indoor pools and picnic areas.

## Regional Comparison Tables

1. During an average week, how many hours do you usually spend on recreational activities away from your home?

	North West	South West	North Central	South Central	North East	South East	Pittsburgh	Philadelphia
Indoor hours away from home (mean)	4.9	4.2	4.8	4.0	4.6	4.0	4.6	7.8
Outdoor hours away from home (mean)	7.3	6.7	6.9	5.4	5.5	4.7	4.6	5.2

2. How many times have you or anyone in your household visited public outdoor recreation areas (such as local, state, and national parks, forests and similar areas)?

<b>In Pennsylvania</b>	North West	South West	North Central	South Central	North East	South East	Pittsburgh	Philadelphia
In the last 3 months (mean)	4.0	4.4	4.1	3.7	3.7	6.4	5.5	10.1
In the last 12 months (mean)	14.4	15.1	13.7	12.9	12.6	22.9	24.0	36.5
<b>Out of State</b>								
In the last 3 months (mean)	1.3	0.9	1.0	1.8	1.3	1.1	1.0	1.4
In the last 12 months (mean)	3.9	3.1	2.9	4.6	4.0	3.3	3.7	5.3

3. About what percentage of your recreational activities away from home take place at the following types of areas?

<b>Recreation Areas</b>	North West	South West	North Central	South Central	North East	South East	Pittsburgh	Philadelphia
Local/municipal areas (%)	22.8%	25.4%	20.4%	26.0%	22.5%	30.2%	34.1%	50.3%
County areas (%)	8.5%	13.7%	8.0%	6.7%	10.3%	16.8%	20.4%	8.7%
State parks, forests, game lands, or other areas (%)	37.3%	29.7%	36.8%	31.9%	31.8%	26.4%	18.3%	11.0%
Federal parks, forests, and recreation areas (%)	8.2%	8.3%	12.6%	8.3%	8.6%	6.7%	5.5%	8.5%
Private/Commercial areas (%)	18.4%	15.7%	14.7%	19.2%	18.7%	15.3%	12.8%	15.5%
Other (%)	4.6%	7.3%	7.5%	8.0%	8.1%	4.6%	8.9%	6.0%

4. Over the next five years, do you expect your recreational activity to increase, decrease, or remain about the same?

<b>Indoor</b>	North West	South West	North Central	South Central	North East	South East	Pittsburgh	Philadelphia
Decrease (%)	10.5%	7.7%	10.8%	7.5%	7.4%	7.7%	4.4%	7.9%
Stay about the same (%)	71.3%	68.7%	71.2%	73.8%	74.1%	68.6%	69.4%	57.6%
Increase (%)	18.2%	23.6%	18.0%	18.7%	18.5%	23.7%	26.2%	34.6%
<b>Outdoor</b>								
Decrease (%)	14.0%	13.1%	22.3%	18.7%	12.1%	12.1%	11.0%	5.8%
Stay about the same (%)	56.7%	57.9%	56.2%	55.1%	59.0%	53.9%	66.9%	49.2%
Increase (%)	30.2%	29.9%	27.9%	29.6%	29.5%	32.4%	25.5%	37.1%

5. What benefits does your household receive from participating in outdoor recreation activities?								
<b>Benefits</b>	<b>North West</b>	<b>South West</b>	<b>North Central</b>	<b>South Central</b>	<b>North East</b>	<b>South East</b>	<b>Pittsburgh</b>	<b>Philadelphia</b>
Health (%)	48.3%	52.7%	49.6%	54.3%	53.4%	55.3%	55.3%	51.2%
Nature (%)	21.6%	18.9%	21.0%	20.9%	21.4%	21.8%	14.3%	15.8%
Social (%)	25.0%	22.3%	24.1%	20.6%	23.3%	21.2%	22.3%	21.8%
Relaxation (%)	15.1%	15.1%	13.8%	19.0%	12.1%	12.7%	20.1%	13.4%
Activities (%)	6.5%	7.2%	8.9%	8.1%	4.9%	7.0%	4.3%	5.0%
Fun (%)	13.6%	8.0%	5.4%	8.1%	10.4%	6.2%	8.2%	8.8%
Knowledge and Education (%)	3.7%	3.8%	2.7%	3.1%	4.7%	3.2%	5.3%	2.6%
Financial (%)	3.2%	2.4%	4.0%	2.4%	3.2%	2.0%	1.2%	2.0%
Other Benefits (%)	2.7%	1.5%	.7%	3.1%	3.1%	2.9%	2.2%	2.5%

6. What are the most important reasons keeping you from participating in outdoor recreation activities as often as you would like?								
<b>Constraints</b>	<b>North West</b>	<b>South West</b>	<b>North Central</b>	<b>South Central</b>	<b>North East</b>	<b>South East</b>	<b>Pittsburgh</b>	<b>Philadelphia</b>
Work and School (%)	31.0%	34.7%	31.4%	32.5%	28.7%	27.0%	31.9%	18.1%
Time (%)	21.8%	24.2%	23.0%	21.5%	20.3%	24.8%	25.5%	20.2%
Health (%)	19.0%	17.6%	21.3%	15.6%	19.0%	15.3%	15.2%	11.8%
Weather (%)	15.9%	15.4%	10.3%	14.6%	10.8%	10.2%	14.6%	12.0%
Financial (%)	11.7%	12.7%	13.8%	10.8%	10.8%	6.4%	8.4%	8.6%
Social (%)	6.4%	4.9%	5.4%	5.8%	7.5%	9.6%	8.4%	7.0%
Facilities and Services (%)	2.4%	2.5%	3.0%	3.7%	3.7%	5.3%	.9%	5.8%
Location and Distance (%)	5.2%	3.1%	3.9%	2.3%	5.9%	3.6%	5.6%	8.4%
Intrapersonal (%)	1.6%	1.8%	3.0%	2.6%	2.2%	3.2%	4.3%	3.8%
Safety (%)	0%	.2%	0%	.9%	1.1%	1.0%	0%	1.2%

<b>Question #7 Activities in the last 12 months. % of respondents reporting yes they participated.</b>	<b>% Northwest Personal</b>	<b>% Northwest Household Member</b>	<b>% Southwest Personal</b>	<b>% Southwest Household Member</b>	<b>% North Central Personal</b>	<b>% North Central Household Member</b>	<b>% South Central Personal</b>	<b>% South Central Household Member</b>	<b>% Northeast Personal</b>	<b>% Northeast Household Member</b>	<b>% Southeast Personal</b>	<b>% Southeast Household Member</b>	<b>% Pittsburgh Personal</b>	<b>% Pittsburgh Household Member</b>	<b>% Philadelphia Personal</b>	<b>% Philadelphia Household Member</b>
Walking	83.4%	63.4%	80.7%	58.2%	81.6%	58.2%	83.4%	63.8%	84.1%	57.1%	84.4%	58.7%	85.4%	59.6%	85.7%	52.1%
Jogging	17.2%	16.3%	14.6%	19.7%	12.5%	13.7%	16.8%	18.6%	20.6%	18.5%	22.8%	18.0%	25.2%	21.1%	34.6%	28.9%
Hiking and Backpacking	14.4%	19.8%	12.3%	20.9%	18.8%	29.1%	18.2%	25.8%	18.1%	27.3%	19.5%	28.6%	16.7%	20.2%	13.2%	18.1%
Horseback Riding	6.5%	9.8%	6.3%	6.2%	5.0%	5.6%	6.1%	8.8%	6.6%	10.6%	6.7%	8.2%	4.3%	9.0%	3.9%	7.7%
Bicycling	25.7%	35.0%	33.6%	30.1%	22.0%	26.6%	19.0%	29.0%	22.8%	29.2%	26.7%	36.2%	28.2%	32.0%	27.9%	32.4%
Mountain Biking	4.4%	3.3%	6.4%	8.1%	9.6%	7.6%	6.5%	6.8%	10.8%	10.3%	12.4%	10.0%	6.5%	5.9%	5.2%	4.4%
Off-Road Motorcycling	2.8%	3.2%	3.5%	4.6%	4.5%	4.4%	1.8%	3.6%	3.4%	4.8%	1.5%	3.9%	2.2%	4.0%	1.2%	1.8%
ATV Riding	15.0%	15.6%	13.6%	12.6%	23.7%	18.2%	13.0%	15.4%	15.3%	16.3%	5.2%	6.1%	5.2%	6.5%	1.3%	2.4%
Four-Wheel Driving	8.4%	8.1%	10.1%	9.9%	13.2%	9.4%	10.0%	7.8%	11.1%	10.4%	6.2%	5.6%	6.8%	5.3%	5.4%	6.6%
Driving for Pleasure	60.9%	37.2%	54.2%	36.5%	63.7%	39.7%	56.4%	38.6%	53.6%	35.5%	49.2%	30.4%	51.6%	32.6%	49.8%	30.0%
Swimming	43.5%	42.2%	49.5%	45.9%	47.6%	43.6%	48.4%	41.1%	50.8%	43.0%	54.8%	46.2%	57.8%	46.2%	48.6%	40.7%
Fishing	25.1%	38.7%	28.0%	35.9%	30.2%	32.7%	26.9%	27.9%	28.8%	35.6%	22.2%	26.7%	21.7%	30.4%	13.1%	15.9%
Power Boating	14.6%	14.8%	11.6%	12.0%	16.2%	14.0%	15.9%	12.3%	13.6%	13.5%	12.8%	10.2%	12.7%	10.2%	2.7%	3.7%
Water skiing	2.8%	6.8%	3.3%	5.6%	3.3%	4.8%	3.6%	5.1%	4.8%	6.6%	3.8%	3.2%	3.4%	5.9%	0.6%	1.8%
Jetskiing	2.9%	4.8%	1.5%	3.7%	2.3%	2.9%	1.8%	2.9%	2.9%	3.4%	6.8%	5.0%	3.1%	6.2%	0.6%	1.8%
Sailing	4.2%	3.5%	2.5%	1.6%	2.3%	2.6%	3.3%	1.2%	3.7%	5.7%	6.6%	4.5%	4.0%	3.7%	5.1%	6.4%
Canoeing	16.4%	14.3%	12.4%	9.2%	18.1%	16.9%	12.5%	8.9%	14.3%	12.1%	13.5%	14.3%	12.1%	9.6%	12.4%	11.6%
Kayaking	5.9%	7.0%	4.5%	4.4%	6.5%	7.5%	7.1%	7.2%	13.4%	10.4%	12.1%	12.4%	10.6%	9.0%	7.1%	5.0%
Tubing	7.2%	11.8%	8.3%	9.5%	11.1%	13.5%	8.6%	10.9%	11.9%	14.6%	12.9%	15.6%	5.6%	7.8%	7.1%	8.2%
Rowing	1.7%	3.6%	3.4%	2.1%	3.2%	4.6%	4.1%	3.9%	9.0%	8.3%	6.0%	8.2%	5.9%	4.7%	5.3%	8.8%
Other non-motorized boating	2.2%	4.9%	4.4%	2.9%	5.0%	5.2%	3.3%	3.1%	4.6%	3.6%	5.0%	4.3%	3.1%	4.7%	4.5%	4.5%
Downhill Skiing/ Snowboarding	8.8%	13.1%	7.7%	14.2%	6.1%	11.6%	6.1%	10.5%	9.1%	15.6%	11.9%	18.5%	10.9%	14.3%	7.7%	9.0%
Sledding/Tubing	20.9%	29.2%	20.2%	26.7%	18.0%	21.9%	18.8%	22.3%	20.3%	23.8%	21.3%	24.2%	19.2%	25.7%	11.4%	14.0%
Cross-country Skiing	4.7%	5.8%	2.9%	2.8%	8.1%	4.9%	3.5%	3.2%	5.0%	3.1%	5.0%	3.5%	3.4%	3.7%	5.5%	3.1%
Ice Skating/Hockey	1.8%	5.5%	2.7%	11.0%	6.2%	6.8%	6.9%	6.9%	9.0%	10.4%	8.3%	13.3%	14.3%	17.4%	8.2%	10.7%
Snowmobiling	5.0%	7.5%	2.1%	4.3%	4.2%	4.5%	1.3%	2.6%	5.3%	5.1%	4.1%	5.2%	3.1%	4.0%	3.1%	3.7%
Snowshoeing	2.4%	1.8%	2.0%	1.4%	2.6%	2.9%	1.3%	1.2%	4.6%	4.0%	1.5%	0.7%	3.1%	2.5%	2.4%	1.9%

<b>Question #7 Activities in the last 12 months. % of respondents reporting yes they participated. (Continued)</b>	<b>% Northwest Personal</b>	<b>% Northwest Household Member</b>	<b>% Southwest Personal</b>	<b>% Southwest Household Member</b>	<b>% North Central Personal</b>	<b>% North Central Household Member</b>	<b>% South Central Personal</b>	<b>% South Central Household Member</b>	<b>% Northeast Personal</b>	<b>% Northeast Household Member</b>	<b>% Southeast Personal</b>	<b>% Southeast Household Member</b>	<b>% Pittsburgh Personal</b>	<b>% Pittsburgh Household Member</b>	<b>% Philadelphia Personal</b>	<b>% Philadelphia Household Member</b>
Ice Fishing	7.5%	7.3%	4.1%	3.0%	7.8%	7.3%	4.6%	2.9%	9.5%	9.3%	2.4%	1.4%	4.9%	3.7%	1.9%	0.0%
Skateboarding/ Rollerblading	5.1%	13.2%	2.9%	12.1%	3.5%	9.8%	5.1%	11.1%	2.9%	13.9%	4.4%	15.2%	5.3%	16.8%	7.4%	18.9%
Handball/Racquetball	2.4%	2.9%	1.1%	3.4%	2.1%	4.3%	1.8%	2.9%	2.9%	3.9%	3.3%	7.5%	3.1%	3.7%	5.7%	9.9%
Tennis	8.7%	5.3%	6.3%	6.2%	7.4%	8.6%	6.0%	8.2%	7.1%	8.2%	15.1%	15.5%	10.6%	13.4%	14.8%	12.6%
Archery	11.8%	12.6%	12.9%	11.5%	15.2%	9.8%	9.3%	10.6%	10.5%	9.8%	6.7%	4.8%	8.6%	8.7%	3.2%	2.5%
Rifle/Handgun Shooting	27.1%	23.8%	25.7%	23.1%	35.3%	26.4%	24.5%	19.6%	27.6%	20.4%	15.9%	15.0%	19.5%	14.9%	2.7%	3.9%
Horseshoes	19.6%	14.6%	19.9%	11.7%	23.1%	15.1%	16.0%	13.5%	16.8%	14.4%	18.4%	14.7%	19.2%	13.0%	11.1%	7.7%
Golf	29.3%	21.7%	20.8%	16.1%	17.3%	13.2%	16.5%	16.9%	19.0%	15.1%	25.1%	18.7%	27.2%	24.6%	10.0%	9.4%
Disc Golf	0.9%	0.7%	1.8%	1.4%	1.2%	1.9%	2.2%	2.3%	1.9%	3.8%	2.1%	1.2%	2.8%	4.7%	3.3%	3.2%
Rock Climbing	3.9%	4.8%	1.8%	3.0%	2.8%	3.5%	3.2%	5.6%	2.5%	5.9%	3.3%	5.6%	4.7%	6.5%	1.9%	7.0%
Geocaching	1.3%	1.7%	2.8%	3.0%	4.5%	4.0%	2.7%	2.6%	2.8%	3.3%	2.2%	2.6%	2.5%	3.1%	0.0%	1.3%
Baseball	6.3%	15.2%	4.9%	16.9%	6.0%	12.7%	6.3%	11.3%	9.4%	12.1%	8.7%	12.3%	6.5%	13.7%	12.4%	17.0%
Softball	11.5%	11.6%	10.8%	12.4%	9.6%	10.2%	9.7%	8.5%	9.6%	9.4%	8.8%	9.6%	13.3%	15.2%	14.3%	14.7%
Basketball	8.7%	18.6%	10.6%	17.3%	5.7%	10.2%	8.5%	13.3%	9.6%	14.8%	9.4%	14.9%	13.3%	18.3%	15.6%	23.8%
Soccer	5.0%	9.7%	3.1%	10.6%	2.7%	9.8%	3.8%	9.3%	6.8%	11.7%	7.0%	14.9%	3.7%	11.8%	8.7%	11.6%
Football	5.6%	13.7%	7.9%	18.5%	5.3%	11.9%	5.1%	10.8%	7.4%	12.2%	6.5%	13.1%	7.4%	15.2%	7.3%	18.0%
Volleyball	9.2%	9.4%	10.2%	12.6%	9.2%	12.4%	11.6%	10.7%	10.3%	11.3%	10.0%	11.3%	8.7%	8.7%	12.1%	14.6%
Hunting	19.4%	25.7%	19.5%	20.1%	26.4%	28.0%	17.9%	24.1%	16.6%	19.9%	9.8%	12.1%	8.0%	10.9%	3.5%	2.6%
Camping	35.7%	32.9%	20.4%	31.4%	21.8%	34.6%	21.2%	31.1%	19.7%	29.6%	14.7%	24.7%	17.9%	27.9%	9.7%	16.6%
Picnicking	59.2%	45.4%	54.9%	39.6%	60.4%	46.1%	59.6%	44.3%	55.1%	38.8%	57.4%	42.2%	61.5%	42.5%	42.8%	37.0%
Playground Use	33.9%	35.8%	27.9%	29.4%	27.4%	27.4%	30.3%	26.0%	29.1%	22.1%	32.2%	32.8%	35.2%	36.7%	39.9%	39.3%
Dog walking	30.7%	25.8%	27.7%	22.8%	32.7%	23.6%	35.9%	26.5%	38.9%	26.5%	32.1%	24.8%	36.0%	30.1%	30.1%	26.6%
Birding/Bird watching	32.2%	22.3%	28.2%	19.4%	33.4%	22.8%	34.6%	21.3%	33.8%	22.8%	33.1%	19.0%	20.5%	11.8%	24.2%	16.6%
Sky Diving/Hang Gliding	0.5%	1.1%	1.2%	1.4%	1.0%	1.2%	0.2%	1.1%	0.7%	2.2%	0.6%	2.2%	1.2%	1.6%	0.7%	1.3%
Visiting Historic Sites	49.4%	37.4%	50.6%	38.0%	49.9%	39.6%	54.4%	36.0%	53.4%	36.8%	56.1%	41.2%	50.9%	37.5%	53.7%	39.1%
Nature Study	19.8%	14.5%	18.4%	13.0%	23.9%	18.0%	28.3%	19.4%	21.5%	15.9%	19.8%	15.3%	23.0%	17.7%	20.4%	15.9%
Wildlife Viewing	52.0%	39.0%	41.9%	33.6%	57.6%	43.0%	51.7%	37.1%	46.6%	30.2%	42.2%	34.7%	40.1%	28.2%	27.6%	23.7%
Fish Viewing	19.5%	15.6%	15.6%	11.7%	19.0%	16.1%	16.3%	10.5%	16.0%	11.2%	9.0%	9.6%	16.7%	13.0%	12.0%	9.5%
Night Sky Viewing	37.4%	27.7%	32.0%	23.7%	35.3%	27.3%	35.1%	23.8%	37.9%	23.1%	38.1%	25.4%	32.6%	20.5%	27.4%	16.9%



<b>Question #11 Recreation Area and Facility Need. % of respondents reporting need for more facilities or improvement to facilities.</b>	<b>% Northwest Should be Increased</b>	<b>% Northwest Should be Improved</b>	<b>% Southwest Should be Increased</b>	<b>% Southwest Should be Improved</b>	<b>% North Central Should be Increased</b>	<b>% North Central Should be Improved</b>	<b>% South Central Should be Increased</b>	<b>% South Central Should be Improved</b>	<b>% Northeast Should be Increased</b>	<b>% Northeast Should be Improved</b>	<b>% Southeast Should be Increased</b>	<b>% Southeast Should be Improved</b>	<b>% Pittsburgh Should be Increased</b>	<b>% Pittsburgh Should be Improved</b>	<b>% Philadelphia Should be Increased</b>	<b>% Philadelphia Should be Improved</b>
Walking Paths	35.7%	26.6%	41.9%	32.0%	40.6%	25.3%	43.5%	24.6%	52.2%	36.2%	46.4%	28.1%	41.4%	31.4%	32.9%	38.4%
Jogging/Fitness Trails	33.3%	23.3%	37.3%	32.7%	35.7%	21.4%	44.8%	30.9%	51.1%	38.5%	48.2%	24.1%	42.4%	31.4%	39.4%	41.5%
Hiking and Backpacking Trails	41.6%	33.1%	50.4%	39.5%	35.8%	27.1%	35.3%	25.2%	48.7%	33.2%	51.4%	27.9%	42.2%	30.9%	44.7%	43.8%
Equestrian Trails	42.6%	33.4%	53.0%	48.7%	34.5%	23.9%	40.0%	35.9%	49.4%	37.6%	35.1%	21.4%	40.6%	30.4%	34.4%	34.6%
Bicycle Paths	45.2%	31.2%	50.2%	40.9%	48.5%	32.4%	61.8%	45.8%	64.7%	53.3%	57.4%	41.3%	53.3%	40.3%	44.2%	42.7%
Bike Lanes	60.5%	49.6%	68.8%	63.5%	62.0%	52.3%	68.2%	56.1%	74.1%	62.2%	73.2%	63.2%	70.3%	63.6%	54.4%	51.5%
Mountain Bike Trails	46.1%	36.8%	49.6%	38.9%	40.6%	27.2%	46.6%	34.8%	53.6%	39.8%	57.0%	37.1%	46.1%	25.0%	39.4%	34.2%
Off-Road Motorcycling Trails	31.5%	23.5%	56.8%	47.4%	39.8%	31.7%	47.3%	40.8%	44.3%	39.0%	35.6%	19.5%	34.7%	21.6%	51.9%	35.5%
ATV Trails	45.3%	32.0%	62.9%	48.5%	52.6%	42.9%	46.9%	41.4%	55.0%	42.9%	41.6%	24.9%	37.3%	20.7%	42.2%	21.1%
Four-Wheel Driving Trails	34.6%	25.9%	57.2%	49.4%	39.3%	34.3%	45.8%	36.3%	47.6%	41.9%	41.8%	26.6%	40.0%	16.7%	46.7%	34.9%
Scenic Drives/Byways	35.6%	29.2%	47.7%	39.4%	26.4%	26.5%	42.0%	38.3%	44.2%	41.2%	41.3%	27.3%	43.7%	39.3%	49.6%	46.4%
Indoor Pools	43.7%	32.7%	54.3%	43.9%	51.9%	35.3%	44.0%	28.4%	62.7%	48.3%	46.4%	32.8%	56.0%	31.6%	62.4%	62.9%
Outdoor Pools	45.1%	36.8%	49.4%	45.9%	33.0%	30.9%	37.2%	25.6%	48.2%	42.1%	42.2%	30.1%	46.6%	38.9%	63.5%	66.6%
Motorized Boating Areas Limited HP	15.8%	15.4%	28.7%	28.4%	15.8%	12.2%	31.7%	22.4%	27.7%	21.3%	37.5%	27.9%	30.0%	27.1%	46.7%	40.5%
Motorized Boating Areas Unlimited HP	23.7%	19.8%	33.7%	32.5%	13.4%	14.0%	28.5%	22.0%	25.7%	25.7%	34.9%	20.2%	23.5%	22.2%	46.9%	37.2%
Non-Motorized Boating Areas	15.3%	11.3%	31.9%	27.7%	25.1%	19.5%	36.6%	18.8%	36.2%	29.3%	42.4%	28.2%	30.2%	26.6%	46.4%	39.7%
Lake/Stream Swimming Area	30.7%	32.2%	47.1%	51.9%	39.3%	37.0%	35.7%	29.0%	48.3%	40.2%	54.1%	45.4%	47.4%	48.2%	61.7%	58.4%
Lake and River Access	31.6%	23.6%	45.7%	46.4%	33.2%	34.5%	34.8%	30.5%	37.7%	34.6%	50.8%	43.3%	44.6%	43.4%	56.5%	54.1%
Water Trails	26.3%	18.4%	55.9%	50.9%	42.6%	36.1%	39.6%	37.1%	49.5%	40.4%	44.9%	32.9%	33.4%	37.5%	59.2%	52.9%
Warmwater Fishing Areas	23.2%	16.0%	38.3%	40.6%	25.8%	24.1%	26.9%	21.2%	36.9%	34.0%	39.5%	28.0%	38.2%	36.6%	43.2%	43.7%
Coldwater Fishing Areas	22.1%	18.5%	40.5%	45.5%	24.1%	29.2%	28.7%	26.6%	35.0%	31.5%	32.0%	22.3%	30.8%	31.5%	44.3%	41.5%
Special Regulation Fishing Areas	22.8%	15.8%	37.2%	38.7%	22.3%	23.0%	20.5%	18.1%	35.2%	31.4%	29.1%	24.5%	29.9%	24.3%	51.4%	45.2%
Big Game Hunting Areas	34.7%	28.1%	43.5%	41.5%	36.5%	33.5%	38.0%	31.7%	37.9%	36.7%	38.8%	27.4%	31.8%	18.1%	37.7%	34.0%
Small Game Hunting Areas	32.6%	26.1%	44.3%	42.4%	36.3%	34.4%	41.7%	35.0%	39.8%	35.7%	45.1%	33.5%	36.8%	26.4%	33.8%	29.4%
Waterfowl Hunting Areas	24.7%	24.2%	42.8%	37.8%	31.9%	28.4%	34.6%	31.1%	28.4%	33.1%	38.4%	24.9%	29.0%	22.6%	38.1%	36.8%
Campgrounds with Hookups	25.0%	24.3%	46.1%	40.8%	30.9%	32.5%	37.4%	31.2%	49.4%	41.6%	54.3%	42.2%	35.7%	28.3%	61.4%	51.1%
Campgrounds w/out Hookup	33.1%	25.7%	44.9%	37.4%	33.3%	32.2%	30.8%	28.8%	38.7%	30.9%	46.0%	36.7%	43.0%	36.0%	52.1%	44.7%
Primitive Camping Areas	29.8%	20.5%	43.5%	39.4%	40.1%	30.5%	36.9%	31.1%	45.1%	32.8%	56.1%	46.0%	49.0%	36.4%	57.5%	42.8%
Rental Cabins	51.2%	36.0%	59.6%	44.1%	49.9%	32.0%	57.2%	42.7%	55.8%	42.5%	71.6%	49.8%	60.6%	47.6%	59.9%	52.1%
Nature Inns/Lodges	49.9%	34.6%	52.2%	38.1%	41.9%	29.8%	57.3%	44.3%	56.4%	44.8%	68.8%	43.9%	57.1%	40.4%	61.4%	52.6%

<b>Question #11 Recreation Area and Facility Need. % of respondents reporting need for more facilities or improvement to facilities.</b>	<b>% Northwest Should be Increased</b>	<b>% Northwest Should be Improved</b>	<b>% Southwest Should be Increased</b>	<b>% Southwest Should be Improved</b>	<b>% North Central Should be Increased</b>	<b>% North Central Should be Improved</b>	<b>% South Central Should be Increased</b>	<b>% South Central Should be Improved</b>	<b>% Northeast Should be Increased</b>	<b>% Northeast Should be Improved</b>	<b>% Southeast Should be Increased</b>	<b>% Southeast Should be Improved</b>	<b>% Pittsburgh Should be Increased</b>	<b>% Pittsburgh Should be Improved</b>	<b>% Philadelphia Should be Increased</b>	<b>% Philadelphia Should be Improved</b>
Picnic Areas	30.7%	29.2%	40.8%	35.8%	34.2%	29.9%	41.4%	35.1%	51.7%	42.9%	49.2%	36.1%	41.7%	39.4%	51.7%	52.1%
Playgrounds	33.6%	27.2%	43.1%	41.8%	36.2%	32.1%	42.5%	32.9%	51.8%	46.4%	36.3%	32.1%	40.5%	38.9%	45.0%	59.1%
Dog Parks	58.1%	43.5%	57.1%	51.6%	60.8%	51.5%	64.1%	45.5%	70.5%	61.5%	70.1%	50.3%	54.5%	46.9%	58.2%	57.9%
Skateboard/Rollerblade Areas	54.0%	45.0%	53.5%	48.9%	55.2%	47.8%	62.4%	49.0%	57.9%	52.8%	46.5%	28.4%	35.4%	36.7%	56.8%	47.4%
Handball/Racquetball Courts	43.8%	36.6%	41.4%	32.7%	45.0%	31.0%	45.9%	31.3%	55.8%	44.9%	34.7%	25.2%	31.6%	14.5%	65.1%	55.2%
Tennis Courts	39.5%	38.5%	38.6%	37.8%	32.0%	28.9%	42.8%	32.1%	46.4%	43.2%	29.7%	24.6%	37.4%	41.6%	61.0%	46.6%
Archery Ranges	51.3%	34.2%	52.0%	45.9%	55.2%	46.7%	52.5%	38.1%	52.2%	37.4%	48.5%	28.1%	51.1%	44.6%	58.9%	40.4%
Rifle/Handgun Ranges	50.6%	36.4%	56.2%	50.0%	56.6%	48.9%	57.4%	40.8%	57.0%	40.8%	39.9%	26.6%	53.8%	43.3%	53.8%	44.1%
Horseshoe Pits	45.5%	33.0%	48.6%	49.1%	47.3%	34.6%	47.9%	36.5%	53.2%	45.2%	46.5%	38.0%	46.3%	41.0%	62.3%	48.7%
Golf Courses	7.5%	4.9%	14.5%	17.5%	14.8%	13.3%	12.6%	11.7%	15.4%	17.2%	15.9%	12.6%	14.3%	15.1%	34.3%	34.3%
Disc Golf Courses	27.1%	22.1%	38.6%	34.3%	40.2%	20.5%	30.2%	20.5%	33.8%	25.3%	23.2%	19.1%	35.0%	16.6%	49.0%	39.7%
Rock Climbing Areas	49.2%	36.3%	53.8%	48.1%	48.1%	32.2%	42.3%	30.6%	54.9%	47.1%	45.8%	26.3%	51.8%	30.6%	59.4%	50.0%
Geocaching Areas	29.4%	24.3%	45.5%	35.4%	36.6%	24.7%	32.0%	27.8%	39.1%	32.9%	30.9%	20.0%	35.2%	26.0%	50.6%	38.8%
Baseball Fields	16.5%	24.5%	20.7%	26.9%	16.2%	22.3%	17.7%	23.5%	30.1%	26.4%	17.8%	19.1%	18.3%	25.8%	41.3%	41.3%
Softball Fields	21.2%	28.1%	26.2%	32.7%	20.4%	22.9%	21.6%	20.6%	31.0%	24.8%	20.7%	16.6%	20.9%	28.4%	38.5%	40.3%
Outdoor Basketball Courts	42.7%	40.1%	38.6%	38.5%	35.3%	34.5%	31.4%	29.3%	52.0%	47.8%	32.6%	20.5%	33.6%	35.6%	46.6%	52.0%
Indoor Basketball Courts	28.2%	20.5%	41.0%	26.7%	29.6%	25.9%	31.2%	22.7%	49.9%	37.2%	30.8%	17.6%	33.1%	24.8%	55.0%	51.3%
Soccer Fields	20.0%	15.9%	23.2%	20.0%	19.0%	19.6%	19.6%	20.3%	39.8%	36.3%	24.1%	21.3%	25.6%	25.2%	44.8%	50.5%
Football Fields	13.4%	10.9%	20.6%	22.6%	13.0%	14.4%	13.6%	17.7%	29.4%	21.7%	13.2%	12.9%	18.0%	16.9%	37.3%	35.9%
Volleyball Courts	43.6%	31.9%	46.5%	41.6%	39.8%	29.3%	35.4%	31.5%	59.3%	46.0%	41.3%	29.5%	40.0%	34.1%	65.0%	59.0%
Heritage/Historic Areas	37.4%	26.8%	43.3%	28.4	38.3%	32.1	29.9%	26.8	59.8%	46.4	35.8%	35.8	38.8%	26.5	41.7%	43.4%
Environmental Education Areas	40.9%	28.4%	56.0%	46.6%	58.1%	45.7%	43.0%	30.0%	64.8%	51.6%	58.3%	41.9%	56.0%	39.0%	59.7%	61.4%
Natural or Wild Areas	43.8%	28.7%	53.5%	46.2%	45.6%	35.8%	49.0%	35.1%	60.6%	46.7%	53.6%	41.3%	55.1%	43.8%	65.3%	56.4%
Wildlife Viewing Areas	43.1%	29.3%	60.4%	49.9%	55.1%	45.7%	54.8%	37.7%	69.3%	57.1%	58.8%	45.2%	62.9%	45.4%	69.9%	64.6%
Fish Viewing Areas	41.9%	28.5%	60.2%	50.5%	56.5%	49.2%	47.2%	34.5%	62.9%	52.4%	52.1%	40.1%	52.2%	37.0%	61.5%	56.8%
Downhill Skiing and Snowmobiling Areas	34.1%	16.5%	35.4%	32.0%	37.4%	27.2%	22.2%	17.9%	22.9%	19.5%	29.8%	26.5%	26.5%	26.5%	44.4%	47.9%
Sledding/Tubing Areas	42.4%	23.5%	49.8%	39.6%	55.2%	39.0%	38.5%	25.0%	38.2%	28.8%	49.2%	33.7%	39.6%	34.8%	58.9%	49.3%
Cross Country Ski Areas	34.3%	23.9%	42.5%	31.8%	43.1%	31.0%	34.1%	26.6%	38.9%	28.4%	37.3%	26.8%	37.0%	27.0%	56.2%	53.1%
Ice Rink	53.7%	29.1%	50.4%	35.8%	71.0%	62.1%	51.6%	30.3%	59.9%	43.1%	46.0%	30.3%	40.5%	33.9%	58.0%	51.0%
Snowmobile Trails	40.2%	24.1%	44.6%	42.6%	35.1%	24.2%	31.9%	25.3%	49.0%	37.6%	45.0%	27.2%	25.3%	23.2%	53.5%	50.2%
Snowshoeing Trails	44.6%	27.6%	41.2%	41.4%	43.1%	31.5%	24.5%	21.4%	42.4%	33.7%	33.0%	21.1%	28.1%	22.8%	55.1%	52.0%
Ice Fishing Areas	17.5%	13.5%	34.1%	33.8%	21.5%	20.2%	27.7%	21.7%	31.5%	28.3%	32.9%	19.4%	31.2%	25.3%	45.9%	40.9%

9. Has the price of gasoline influenced your participation in outdoor recreation ?

	North West	South West	North Central	South Central	North East	South East	Pittsburgh	Philadelphia
Responded Yes (%)	58.3%	53.4%	58.0%	48.9%	56.2%	40.3%	45.4%	39.7%

10. Have you cut back on expenses in other areas to continue your participation in outdoor recreation activities?

	North West	South West	North Central	South Central	North East	South East	Pittsburgh	Philadelphia
Responded Yes (%)	23.7%	16.5%	23.2%	13.1%	23.4%	18.3%	14.8%	20.7%

12. How satisfied are you with each of the following types of recreation areas and opportunities available to you in Pennsylvania?

<b>Recreation Areas</b>	North West	South West	North Central	South Central	North East	South East	Pittsburgh	Philadelphia
Municipal parks/recreation areas (mean)	3.6	3.4	3.5	3.6	3.2	3.8	3.6	3.2
County parks/recreation areas (mean)	3.5	3.4	3.3	3.4	3.2	3.8	3.6	3.2
State Parks (mean)	4.1	3.7	3.7	3.9	3.8	4.0	3.8	3.4
State Forests (mean)	4.1	3.8	3.7	3.9	3.8	3.8	3.7	3.4
State Game Lands (mean)	3.8	3.5	3.6	3.7	3.6	3.8	3.6	3.4
Federal parks/forests/recreation areas (mean)	3.8	3.5	3.5	3.8	3.5	3.6	3.5	3.2
Private/commercial recreation areas (mean)	3.7	3.3	3.3	3.6	3.4	3.6	3.4	3.3

13. What types of programs would you like to see offered in your area? % reporting yes.

<b>Type of Program</b>	North West	South West	North Central	South Central	North East	South East	Pittsburgh	Philadelphia
Activity skills	16.8%	14.2%	18.7%	11.6%	14.8%	11.7%	14.0%	22.7%
Arts and crafts	11.0%	12.0%	15.3%	7.8%	11.4%	5.7%	11.8%	27.0%
Environmental education	18.6%	13.9%	20.2%	14.7%	20.6%	17.9%	16.8%	25.6%
Before and after school	18.7%	15.8%	18.6%	14.6%	17.1%	16.1%	23.0%	41.1%
Pre-school	10.6%	10.5%	11.0%	7.6%	11.0%	6.1%	11.8%	27.6%
Fitness	27.1%	23.3%	24.2%	20.7%	27.9%	26.4%	30.5%	38.4%
Senior	23.2%	29.0%	22.4%	19.4%	29.2%	26.2%	26.4%	38.0%
Other	7.6%	8.6%	5.6%	6.6%	7.8%	3.6%	5.6%	6.2%

16. During a typical week, how many times on average do you participate in the following kinds of **recreation activities in the outdoors?**

<b>Physical Activity Type</b>	<b>North West</b>	<b>South West</b>	<b>North Central</b>	<b>South Central</b>	<b>North East</b>	<b>South East</b>	<b>Pittsburgh</b>	<b>Philadelphia</b>
Strenuous Activity (Heart Beats Rapidly)	2.9	2.5	3.3	2.8	3.2	2.5	3.3	3.1
Moderate Activity (Not Exhausting)	4.5	3.7	4.0	4.3	4.1	3.5	3.9	4.2
Light Activity (Minimal Effort)	5.6	4.3	4.5	4.8	4.0	3.8	4.9	5.1

17. In your opinion, to what extent does your outdoor recreation participation result in any of the following health benefits for you?

<b>Type of benefits</b>	<b>North West</b>	<b>South West</b>	<b>North Central</b>	<b>South Central</b>	<b>North East</b>	<b>South East</b>	<b>Pittsburgh</b>	<b>Philadelphia</b>
Reduced stress	4.3	4.3	4.3	4.4	4.4	4.3	4.4	4.4
Improved level of physical fitness	4.2	4.1	4.2	4.2	4.2	4.2	4.2	4.3
Improved physical health	4.2	4.1	4.2	4.2	4.2	4.2	4.3	4.3
Improved mental health	4.2	4.2	4.2	4.3	4.3	4.3	4.3	4.3
Reduced anxiety	4.1	4.1	4.1	4.2	4.2	4.1	4.2	4.2
Enhanced family interaction	3.8	3.9	3.9	3.9	4.0	3.9	3.8	3.8
Other	3.7	3.7	3.7	3.8	4.3	3.6	3.7	3.5

18. Do you walk or ride a bike in your neighborhood?

<b>Type of benefits</b>	<b>North West</b>	<b>South West</b>	<b>North Central</b>	<b>South Central</b>	<b>North East</b>	<b>South East</b>	<b>Pittsburgh</b>	<b>Philadelphia</b>
Responded Yes (%)	71.5%	69.6%	71.9%	66.9%	71.7%	72.8%	69.3%	72.0%

21. Please answer each item on a scale of 1 - 5 where 1 indicates Strongly Disagree and 5 indicates Strongly Agree.

	North West	South West	North Central	South Central	North East	South East	Pittsburgh	Philadelphia
a. Open space near where I live is threatened by development.	3.2	3.4	2.9	3.7	3.5	4.1	3.2	3.1
b. There is not enough protected open space near where I live.	3.1	3.5	3.0	3.6	3.6	3.8	3.4	3.6
c. I would be more likely to use a trail if it was within easy walking distance from where I live.	4.0	4.1	3.9	4.0	4.1	4.3	4.1	3.9
d. My community is a safe and easy place to walk.	3.6	3.7	3.8	3.6	3.3	3.6	3.4	3.0
e. It is important that greenways/trails connect neighborhoods with schools, shopping areas, parks, and open spaces.	4.0	3.9	3.8	3.9	3.9	4.1	4.0	4.3
f. Public recreation areas near where I live are well maintained.	3.7	3.7	3.6	3.8	3.5	4.0	3.5	3.0
g. Public recreation areas near where I live are inadequately policed.	3.0	3.1	3.1	3.1	3.2	3.0	2.7	3.3
h. The general environmental quality of public recreation areas near where I live is good.	3.8	3.6	3.7	3.7	3.4	3.9	3.6	3.2
i. Streams and rivers near where I live are in poor condition.	2.5	3.0	2.8	2.6	3.0	2.6	3.1	3.5
j. I do my part to conserve our natural resources.	4.1	4.1	4.2	4.2	4.3	4.2	4.1	4.0
k. I do not have the necessary knowledge and resources to make wise choices to protect the environment.	2.3	2.4	2.2	2.2	2.1	2.5	2.3	2.5
l. My individual actions make no difference in conserving the environment.	1.7	1.9	1.7	1.6	1.7	1.8	1.9	2.0
m. It is important for citizens to play a role in conserving our lands and waters.	4.5	4.6	4.6	4.6	4.6	4.7	4.5	4.8
n. The Commonwealth of Pennsylvania is doing enough to plan for the future of our natural resources.	3.0	2.9	2.6	2.7	2.5	2.6	2.7	2.7
o. My local government is doing enough to plan for the future of our natural resources.	2.8	2.6	2.4	2.5	2.4	2.5	2.6	2.4
p. Local waterways for boating and fishing opportunities are inaccessible near where I live.	2.0	2.6	2.4	2.4	2.5	2.7	2.5	2.9
q. There are enough public recreation areas close to where I live.	3.4	3.1	3.3	3.2	2.8	3.1	3.2	2.7

	North West	South West	North Central	South Central	North East	South East	Pittsburgh	Philadelphia
r. Public recreation areas and programs near where I live are accessible to people with disabilities.	3.6	3.6	3.4	3.5	3.2	3.4	3.4	3.1
s. Public transportation to recreation areas near where I live is inadequate.	3.5	3.8	3.4	3.6	3.8	3.5	3.3	3.2
t. Maintaining the public recreation areas we now have is not as important as adding new parks in Pennsylvania.	2.0	2.3	2.0	2.0	2.2	2.2	2.1	2.2
u. I need more information about the availability of recreation areas and opportunities.	3.2	3.4	3.1	3.2	3.4	3.5	3.3	3.8
v. The Commonwealth of Pennsylvania provides enough information about recreation opportunities at State Parks and Forests.	3.3	3.1	3.3	3.2	2.9	3.0	3.1	2.7
w. Municipalities in my area should join together to form a parks and recreation department.	3.6	3.8	3.5	3.6	4.0	3.8	3.7	4.0
x. The availability of local recreation programs reduces youth crime.	4.1	4.2	4.2	4.1	4.2	4.3	4.3	4.3
y. Parks and natural areas decrease the value of nearby properties.	1.5	1.6	1.5	1.6	1.4	1.6	1.4	1.6
z. Greenways and trails increase the value of nearby properties.	4.2	4.2	4.2	4.2	4.3	4.4	4.4	4.4
aa. My municipality should have a permanent source of funding for park and recreation opportunities based on general tax revenues.	3.7	3.7	3.7	3.7	3.9	4.0	3.9	4.3
bb. The State needs to increase its permanent source of funding for park and recreation opportunities based on general tax revenues.	3.7	3.7	3.6	3.7	3.9	3.9	3.8	4.3
cc. The Commonwealth of Pennsylvania should do more to increase awareness of rivers conservation and reconnecting communities to the riverfront.	3.9	4.1	3.9	3.9	4.2	4.1	4.1	4.2

22. How important to you are each of the following priorities for funding recreation and conservation programs?

	North West	South West	North Central	South Central	North East	South East	Pittsburgh	Philadelphia
a. Acquire and protect open space (as undeveloped recreation land)	3.7	3.8	3.7	4.0	4.1	4.2	4.0	4.1
b. Acquire additional land and water areas for developed recreation	3.5	3.6	3.4	3.7	3.8	3.9	3.7	3.8
c. Maintain existing park and recreation areas	4.4	4.4	4.4	4.4	4.4	4.5	4.5	4.6
d. Provide environmental and conservation programs	3.9	4.0	3.9	4.0	4.2	4.0	4.0	4.2
e. Provide recreation programs at parks and recreation areas	4.0	4.0	3.9	3.9	4.1	4.0	4.0	4.3
f. Protect wildlife habitat and conserve wild resources	4.3	4.2	4.4	4.5	4.5	4.4	4.3	4.4
g. Build more greenways/trails	3.7	3.7	3.6	3.8	4.0	4.0	3.9	4.0
h. Restore damaged rivers and streams	4.2	4.3	4.3	4.3	4.5	4.4	4.4	4.4
i. Provide information on recreation opportunities	3.9	3.9	3.8	3.8	4.1	4.0	3.9	4.2
j. Assist local government with open space and recreation plans	3.7	3.8	3.7	3.8	4.1	4.1	3.9	4.1
k. Assist local government in creating park and recreation departments	3.7	3.7	3.6	3.7	4.1	3.9	3.8	4.1
l. Build pedestrian and cycling paths between places of work, schools, and shopping areas	3.7	3.6	3.5	3.6	3.9	4.0	3.9	4.2
m. Other	4.0	4.0	4.1	3.8	4.6	4.5	4.1	4.3

## **Appendix 4**

### **Other Comparisons**



## Rural-Urban Comparisons

1. During an average week, how many hours do you usually spend on recreational activities **away from your home?**

Household Income:	City	Suburb	Town	Rural Area
Indoor hours away from home (mean)	5.8	4.6	4.8	3.4
Outdoor hours away from home (mean)	5.4	5.7	6.5	5.9

2. How many times have you or anyone in your household visited **public outdoor recreation areas** (such as local, state, and national parks, forests and similar areas)?

In Pennsylvania	City	Suburb	Town	Rural Area
In the last 3 months (mean)	8.0	6.6	4.9	5.7
In the last 12 months (mean)	24.5	24.4	19.7	12.5
Out of State				
In the last 3 months (mean)	1.0	1.0	1.3	1.4
In the last 12 months (mean)	3.9	3.7	4.0	3.3

3. About what percentage of your recreational activities **away from home** take place at the following types of areas?

Recreation Areas	City	Suburb	Town	Rural Area
Local/municipal areas (%)	45.6	30.4	29.0	19.9
County areas (%)	11.3	16.5	13.1	11.9
State parks, forests, game lands, or other areas (%)	17.3	22.2	25.5	39.5
Federal parks, forests, and recreation areas (%)	6.0	7.1	8.4	8.7
Private/Commercial areas (%)	12.6	17.9	16.9	14.1
Other (%)	7.2	5.8	7.1	5.9

4. Over the next five years, do you expect your recreational activity to increase, decrease, or remain about the same?

<b>Indoor</b>	<b>City</b>	<b>Suburb</b>	<b>Town</b>	<b>Rural Area</b>
Decrease (%)	10.6%	6.4%	7.7%	6.3%
Stay about the same (%)	59.5%	70.1%	69.6%	73.7%
Increase (%)	30.0%	23.5%	22.7%	20.0%
<b>Outdoor</b>	<b>City</b>	<b>Suburb</b>	<b>Town</b>	<b>Rural Area</b>
Decrease (%)	16.7%	10.8%	13.3%	12.9%
Stay about the same (%)	46.2%	58.2%	57.4%	57.7%
Increase (%)	35.2%	30.4%	30.1%	30.0%

5. What benefits does your household receive from participating in outdoor recreation activities?

<b>Benefits</b>	<b>City</b>	<b>Suburb</b>	<b>Town</b>	<b>Rural Area</b>
Health (%)	50.0%	58.6%	54.0%	50.2%
Nature (%)	17.1%	20.2%	21.1%	20.3%
Social (%)	19.3%	21.6%	24.5%	22.9%
Relaxation (%)	13.3%	16.1%	15.2%	12.8%
Activities (%)	5.6%	5.9%	4.6%	10.1%
Fun (%)	8.1%	8.0%	10.7%	8.6%
Knowledge and Education (%)	3.0%	4.0%	2.1%	3.6%
Financial (%)	1.7%	1.3%	2.4%	4.0%
Other Benefits (%)	1.9%	3.0%	2.4%	2.3%

6. What are the most important reasons keeping you from participating in outdoor recreation activities as often as you would like?

Constraints	City	Suburb	Town	Rural Area
Work and School (%)	23.1%	30.1%	28.3%	32.0%
Time (%)	20.9%	26.1%	21.6%	22.1%
Health (%)	14.0%	13.7%	18.1%	18.4%
Weather and Seasonal (%)	14.3%	11.7%	13.1%	11.5%
Financial (%)	7.9%	7.1%	11.3%	11.3%
Social (%)	8.8%	9.3%	5.2%	5.8%
Facilities and Services (%)	5.0%	4.3%	4.0%	3.0%
Location and Distance (%)	6.0%	3.5%	4.8%	4.1%
Intrapersonal (%)	4.2%	3.3%	2.8%	1.9%
Safety (%)	.6%	1.2%	.5%	.3%

<b>Question #7 Activities in the last 12 months. % of respondents reporting yes they participated.</b>	<b>% City Personal</b>	<b>% City Household Member</b>	<b>% Suburb Personal</b>	<b>% Suburb Household Member</b>	<b>% Town Personal</b>	<b>% Town Household Member</b>	<b>% Rural Personal</b>	<b>% Rural Household Member</b>
Walking	82.4%	55.0%	84.9%	61.9%	86.9%	57.3%	81.0%	59.6%
Jogging	27.0%	22.6%	25.7%	20.2%	19.0%	20.0%	14.5%	16.2%
Hiking and Backpacking	13.9%	19.0%	18.6%	36.3%	17.0%	24.5%	18.4%	27.7%
Horseback Riding	3.3%	5.6%	6.2%	9.2%	5.5%	5.6%	7.8%	10.8%
Bicycling	25.9%	30.5%	28.0%	33.7%	26.4%	33.8%	29.6%	32.5%
Mountain Biking	7.5%	4.9%	11.8%	9.9%	8.8%	9.7%	7.4%	6.9%
Off-Road Motorcycling	3.0%	2.1%	1.8%	2.5%	0.9%	4.9%	3.3%	6.2%
ATV Riding	2.1%	3.5%	5.5%	6.0%	7.7%	9.3%	19.4%	19.3%
Four-Wheel Driving	4.9%	5.4%	6.4%	4.9%	7.3%	8.5%	13.1%	10.6%
Driving for Pleasure	48.5%	29.1%	47.2%	30.7%	61.5%	35.2%	55.9%	39.0%
Swimming	48.0%	40.5%	57.2%	50.4%	57.3%	41.9%	45.0%	42.6%
Fishing	19.6%	25.1%	20.6%	25.7%	26.6%	29.8%	29.6%	36.6%
Power Boating	7.6%	7.2%	13.4%	10.4%	11.0%	8.5%	16.0%	14.8%
Water skiing	1.1%	2.3%	5.0%	4.7%	2.9%	3.6%	3.4%	6.4%
Jetskiing	1.7%	2.8%	6.0%	5.4%	1.8%	2.6%	3.9%	5.1%
Sailing	4.6%	3.5%	7.0%	5.3%	3.2%	1.9%	3.1%	3.1%
Canoeing	10.8%	10.1%	13.9%	11.7%	11.6%	11.6%	16.6%	15.2%
Kayaking	9.8%	6.5%	11.5%	11.2%	8.8%	6.0%	7.7%	10.4%
Tubing	7.1%	7.8%	12.8%	14.0%	11.5%	12.9%	8.0%	12.8%
Rowing	4.9%	7.1%	6.9%	6.5%	5.4%	5.2%	3.7%	5.0%
Other non-motorized boating	3.4%	3.6%	3.9%	4.2%	6.0%	5.2%	4.6%	3.5%
Downhill Skiing/ Snowboarding	6.6%	7.5%	11.9%	19.0%	11.7%	15.6%	7.0%	14.7%
Sledding/Tubing	15.5%	20.0%	19.8%	23.8%	19.5%	23.0%	22.6%	27.7%
Cross-country Skiing	4.6%	4.1%	3.5%	3.6%	5.3%	4.4%	5.5%	2.4%
Ice Skating/Hockey	7.9%	10.4%	10.6%	16.3%	6.5%	8.3%	4.6%	9.2%
Snowmobiling	2.3%	3.3%	3.7%	3.9%	1.3%	4.4%	5.7%	6.7%
Snowshoeing	1.5%	1.3%	1.9%	1.8%	2.2%	1.2%	3.0%	1.8%

<b>Question #7 Activities in the last 12 months. % of respondents reporting yes they participated. (Continued)</b>	<b>% City Personal</b>	<b>% City Household Member</b>	<b>% Suburb Personal</b>	<b>% Suburb Household Member</b>	<b>% Town Personal</b>	<b>% Town Household Member</b>	<b>% Rural Personal</b>	<b>% Rural Household Member</b>
Ice Fishing	4.4%	1.7%	3.2%	1.2%	3.8%	4.9%	6.1%	5.7%
Skateboarding/Rollerblading	4.1%	14.7%	4.7%	14.7%	5.0%	16.3%	4.4%	13.1%
Handball/Racquetball	2.7%	5.4%	3.7%	6.6%	1.9%	4.9%	2.6%	4.6%
Tennis	8.0%	8.1%	15.4%	15.4%	13.5%	13.4%	5.6%	7.6%
Archery	5.4%	3.6%	5.8%	5.7%	9.5%	9.4%	14.6%	11.9%
Rifle/Handgun Shooting	10.3%	9.5%	15.7%	12.8%	18.9%	19.4%	32.0%	26.4%
Horseshoes	16.3%	10.2%	16.5%	12.3%	18.3%	14.7%	21.7%	16.9%
Golf	11.9%	9.5%	29.7%	23.1%	23.6%	17.0%	17.1%	16.4%
Disc Golf	1.5%	2.2%	2.9%	2.2%	2.9%	2.9%	0.9%	1.5%
Rock Climbing	2.3%	5.3%	2.3%	4.9%	5.2%	7.1%	2.8%	4.9%
Geocaching	0.8%	0.9%	3.1%	2.4%	3.3%	3.7%	1.7%	2.3%
Baseball	8.4%	13.1%	8.4%	14.1%	6.7%	12.3%	6.3%	12.8%
Softball	11.0%	12.2%	10.9%	11.9%	11.9%	10.9%	8.2%	8.5%
Basketball	11.7%	17.3%	11.3%	16.6%	10.5%	17.1%	7.9%	12.5%
Soccer	6.8%	10.3%	6.2%	15.0%	5.7%	11.3%	4.1%	9.9%
Football	7.0%	13.6%	8.0%	15.3%	7.8%	13.5%	4.4%	12.3%
Volleyball	8.2%	10.4%	8.6%	8.8%	12.1%	12.7%	12.3%	14.7%
Hunting	5.9%	11.0%	8.4%	10.1%	13.8%	16.2%	24.0%	25.4%
Camping	11.4%	16.5%	15.7%	25.2%	21.2%	32.7%	20.2%	33.9%
Picnicking	52.4%	37.6%	57.3%	43.1%	62.4%	41.5%	55.7%	43.6%
Playground Use	33.9%	36.2%	33.9%	35.2%	33.4%	30.6%	27.8%	25.7%
Dog walking	30.7%	27.6%	34.7%	26.9%	32.2%	22.7%	32.7%	26.1%
Birding/Bird watching	24.7%	16.0%	29.4%	16.8%	29.0%	18.7%	38.2%	24.7%
Sky Diving/Hang Gliding	0.3%	1.5%	0.5%	0.6%	0.5%	3.1%	1.4%	2.6%
Visiting Historic Sites	46.5%	30.1%	56.8%	42.5%	57.4%	39.7%	51.2%	39.4%
Nature Study	17.4%	12.3%	22.9%	16.1%	22.9%	15.9%	21.0%	17.8%
Wildlife Viewing	30.5%	22.5%	43.7%	33.7%	42.9%	34.9%	51.9%	39.1%
Fish Viewing	12.4%	13.9%	12.6%	10.4%	12.2%	9.8%	15.3%	10.9%
Night Sky Viewing	30.0%	19.3%	37.0%	24.9%	39.9%	24.4%	32.9%	25.0%

<b>Question #11 Recreation Area and Facility Need. % of respondents reporting need for more facilities or improvement to facilities.</b>	<b>% City Number</b>	<b>% City Quality</b>	<b>% Suburb Number</b>	<b>% Suburb Quality</b>	<b>% Town Number</b>	<b>% Town Quality</b>	<b>% Rural Number</b>	<b>% Rural Quality</b>
Walking Paths	37.6%	34.8%	45.2%	31.8%	49.9%	28.9%	41.7%	25.6%
Jogging/Fitness Trails	40.0%	34.0%	45.9%	27.7%	48.2%	30.7%	42.2%	26.8%
Hiking and Backpacking Trails	43.4%	35.8%	49.2%	28.0%	51.4%	30.6%	42.4%	32.6%
Equestrian Trails	34.0%	27.2%	34.4%	24.6%	56.4%	37.4%	41.2%	35.9%
Bicycle Paths	49.4%	44.4%	55.5%	38.6%	58.7%	47.1%	56.6%	42.4%
Bike Lanes	56.3%	55.5%	73.1%	63.6%	79.1%	66.0%	63.5%	53.6%
Mountain Bike Trails	41.0%	33.0%	53.9%	36.5%	64.7%	41.3%	44.7%	33.4%
Off-Road Motorcycling Trails	39.0%	28.9%	29.5%	19.5%	59.6%	41.4%	46.4%	37.2%
ATV Trails	40.2%	25.3%	33.9%	23.7%	58.6%	36.9%	56.6%	46.8%
Four-Wheel Driving Trails	39.1%	24.5%	33.1%	23.4%	59.8%	40.6%	50.3%	43.0%
Scenic Drives/Byways	39.1%	32.1%	44.7%	33.0%	37.9%	30.7%	44.4%	37.7%
Indoor Pools	55.2%	46.1%	49.5%	33.9%	52.4%	38.4%	50.5%	37.1%
Outdoor Pools	51.4%	50.8%	42.8%	32.5%	41.2%	34.3%	47.0%	36.0%
Motorized Boating Area Limited HP	40.1%	33.9%	36.4%	29.9%	24.5%	17.2%	26.4%	22.4%
Motorized Boating Area Unlimited HP	29.6%	26.5%	32.3%	20.4%	25.6%	21.9%	31.7%	26.2%
Non-Motorized Boating Areas	37.6%	31.8%	35.3%	28.1%	38.5%	22.6%	31.6%	24.3%
Lake/Stream Swimming Area	53.0%	50.6%	51.4%	49.8%	45.6%	33.9%	43.6%	40.5%
Lake and River Access	51.4%	46.0%	48.6%	46.4%	39.5%	32.8%	39.9%	35.1%
Water Trails	45.6%	43.6%	42.0%	35.9%	53.3%	41.6%	42.4%	34.5%
Warmwater Fishing Areas	45.0%	34.5%	36.4%	31.1%	31.0%	25.9%	34.3%	32.6%
Coldwater Fishing Areas	42.5%	32.9%	31.9%	28.7%	29.9%	28.7%	31.4%	31.1%
Special Regulation Fishing Areas	36.4%	32.6%	31.2%	28.2%	30.2%	23.8%	28.4%	27.3%
Big Game Hunting Areas	31.2%	25.6%	37.0%	26.4%	43.0%	37.0%	38.3%	35.0%
Small Game Hunting Areas	35.7%	27.1%	38.1%	29.9%	43.7%	36.7%	43.6%	40.3%
Waterfowl Hunting Areas	29.8%	24.6%	35.1%	22.3%	40.8%	33.4%	34.7%	36.2%
Campgrounds with Hookups	55.2%	46.5%	47.8%	37.3%	48.6%	39.2%	39.5%	35.3%
Campgrounds w/out Hookup	47.0%	37.1%	40.1%	32.7%	48.8%	38.6%	37.4%	35.4%
Primitive Camping Areas	51.8%	38.4%	49.1%	38.4%	51.4%	43.0%	42.8%	36.0%
Rental Cabins	66.0%	49.5%	63.3%	49.6%	63.6%	45.8%	58.9%	38.4%
Nature Inns/Lodges	54.3%	45.1%	65.1%	43.4%	61.3%	44.1%	56.0%	37.8%

<b>Question #11 Recreation Area and Facility Need. % of respondents reporting need for more facilities or improvement to facilities. (Continued)</b>	<b>% City Number</b>	<b>% City Quality</b>	<b>% Suburb Number</b>	<b>% Suburb Quality</b>	<b>% Town Number</b>	<b>% Town Quality</b>	<b>% Rural Number</b>	<b>% Rural Quality</b>
Picnic Areas	52.1%	46.0%	42.8%	36.0%	45.6%	34.8%	44.8%	36.3%
Playgrounds	51.6%	52.1%	30.0%	33.2%	42.7%	37.2%	45.7%	35.3%
Dog Parks	62.1%	56.8%	65.7%	45.4%	67.6%	58.2%	61.1%	52.4%
Skateboard/Rollerblade Areas	54.9%	44.7%	42.2%	34.8%	66.5%	47.6%	49.6%	37.3%
Handball/Racquetball Courts	49.4%	40.7%	33.8%	23.9%	45.8%	31.4%	46.8%	36.0%
Tennis Courts	54.1%	44.7%	33.8%	29.1%	42.1%	36.5%	30.8%	30.7%
Archery Ranges	48.7%	38.8%	44.2%	28.1%	59.3%	41.4%	55.7%	42.6%
Rifle/Handgun Ranges	51.1%	41.7%	41.4%	30.2%	55.1%	41.7%	53.7%	42.4%
Horseshoe Pits	53.6%	44.6%	42.1%	36.2%	62.8%	48.9%	43.9%	37.9%
Golf Courses	26.3%	22.2%	13.8%	15.0%	20.4%	17.9%	9.9%	9.5%
Disc Golf Courses	31.1%	21.4%	31.4%	23.8%	42.0%	29.2%	24.2%	20.6%
Rock Climbing Areas	61.3%	47.6%	39.0%	22.3%	55.0%	40.7%	48.6%	40.2%
Geocaching Areas	36.5%	31.8%	28.2%	23.2%	49.8%	34.3%	37.0%	25.2%
Baseball Fields	34.7%	41.8%	16.3%	20.7%	21.2%	21.6%	20.7%	21.4%
Softball Fields	33.9%	42.2%	19.3%	18.5%	26.6%	24.2%	22.6%	20.3%
Outdoor Basketball Courts	46.0%	53.7%	34.6%	25.7%	38.4%	30.9%	34.2%	29.0%
Indoor Basketball Courts	47.4%	47.9%	32.0%	17.8%	37.8%	28.8%	34.0%	18.6%
Soccer Fields	37.7%	43.5%	25.1%	19.5%	26.3%	27.5%	22.3%	19.9%
Football Fields	28.8%	31.5%	15.2%	12.3%	16.8%	16.9%	17.3%	17.8%
Volleyball Courts	55.4%	57.3%	46.1%	29.4%	47.0%	38.0%	37.3%	29.5%
Heritage/Historic Areas	45.0%	42.1%	33.6%	33.2%	43.2%	34.7%	42.0%	34.1%
Environmental Education Areas	61.3%	55.1%	54.2%	40.2%	56.6%	38.0%	54.4%	41.1%
Natural or Wild Areas	58.6%	48.5%	52.4%	40.5%	56.0%	39.0%	51.6%	42.6%
Wildlife Viewing Areas	61.9%	55.4%	62.4%	45.8%	62.7%	47.7%	53.6%	42.3%
Fish Viewing Areas	59.9%	52.1%	55.5%	37.3%	59.2%	51.6%	47.4%	38.9%
Downhill Skiing and Snowmobiling	34.3%	34.0%	25.7%	24.2%	36.8%	29.1%	29.0%	23.2%
Sledding/Tubing Areas	45.8%	36.3%	50.1%	36.3%	47.9%	34.5%	40.6%	28.5%
Cross Country Ski Areas	41.2%	33.1%	39.0%	31.7%	45.2%	30.6%	35.0%	24.5%
Ice Rink	47.5%	37.3%	49.4%	33.6%	52.2%	34.8%	50.9%	38.0%
Snowmobile Trails	36.6%	31.9%	37.2%	25.6%	48.2%	37.8%	45.8%	34.6%
Snowshoeing Trails	43.8%	34.5%	27.8%	23.0%	45.0%	35.7%	37.2%	27.8%
Ice Fishing Areas	38.5%	25.8%	24.2%	17.3%	34.5%	26.6%	32.1%	29.7%

9. Has the price of gasoline influenced your participation in outdoor recreation ?

	City	Suburban	Town	Rural
Responded Yes (%)	47.6%	39.7%	52.8%	51.2%

10. Have you cut back on expenses in other areas to continue your participation in outdoor recreation activities?

	City	Suburban	Town	Rural
Responded Yes (%)	20.7%	16.2%	18.3%	20.3%

12. How satisfied are you with each of the following types of recreation areas and opportunities available to you in Pennsylvania?

Recreation Areas	City	Suburban	Town	Rural
Municipal parks/recreation areas (mean)	3.5	3.6	3.6	3.5
County parks/recreation areas (mean)	3.4	3.7	3.6	3.4
State Parks (mean)	3.7	3.8	3.9	3.9
State Forests (mean)	3.6	3.8	4.0	3.8
State Game Lands (mean)	3.6	3.7	3.8	3.7
Federal parks/forests/recreation areas (mean)	3.4	3.6	3.6	3.5
Private/commercial recreation areas (mean)	3.4	3.6	3.3	3.5

13. What types of programs would you like to see offered in your area?

Type of Program	City	Suburban	Town	Rural
Activity skills	18.5%	12.8%	14.3%	12.1%
Arts and crafts	19.3%	8.3%	10.3%	7.5%
Environmental education	19.1%	19.5%	17.4%	15.2%
Before and after school	29.9%	17.4%	17.8%	15.1%
Pre-school	16.6%	7.6%	9.4%	9.8%
Fitness	32.7%	29.3%	26.8%	19.5%
Senior	28.5%	28.6%	25.3%	25.4%
Other	6.1%	4.0%	7.5%	6.6%



17. In your opinion, to what extent does your outdoor recreation participation result in any of the following health benefits for you?

Type of benefits	City	Suburban	Town	Rural
Reduced stress	4.4	4.4	4.3	4.3
Improved level of physical fitness	4.2	4.3	4.1	4.1
Improved physical health	4.3	4.3	4.2	4.2
Improved mental health	4.4	4.3	4.3	4.1
Reduced anxiety	4.2	4.2	4.2	4.0
Enhanced family interaction	4.0	3.9	3.8	3.8
Other	3.7	3.7	4.1	3.5

18. Do you walk or ride a bike in your neighborhood?

	City	Suburban	Town	Rural
Responded Yes (%)	67.8%	75.7%	75.6%	63.0%

21. Please answer each item on a scale of 1 - 5 where 1 indicates Strongly Disagree and 5 indicates Strongly Agree.

	City	Suburban	Town	Rural
a. Open space near where I live is threatened by development.	3.3	3.9	3.7	3.5
b. There is not enough protected open space near where I live.	3.7	3.7	3.5	3.5
c. I would be more likely to use a trail if it was within easy walking distance from where I live.	4.1	4.2	4.2	4.1
d. My community is a safe and easy place to walk.	3.0	3.7	3.8	3.5
e. It is important that greenways/trails connect neighborhoods with schools, shopping areas, parks, and open spaces.	4.1	4.2	4.1	3.6
f. Public recreation areas near where I live are well maintained.	3.2	4.0	3.7	3.7
g. Public recreation areas near where I live are inadequately policed.	3.1	2.9	3.2	3.0
h. The general environmental quality of public recreation areas near where I live is good.	3.3	3.8	3.7	3.7
i. Streams and rivers near where I live are in poor condition.	3.2	2.8	2.9	2.7
j. I do my part to conserve our natural resources.	4.0	4.1	4.2	4.3
k. I do not have the necessary knowledge and resources to make wise choices to protect the environment.	2.6	2.4	2.3	2.2
l. My individual actions make no difference in conserving the environment.	1.9	1.8	1.8	1.8
m. It is important for citizens to play a role in conserving our lands and waters.	4.6	4.6	4.7	4.7
n. The Commonwealth of Pennsylvania is doing enough to plan for the future of our natural resources.	2.7	2.6	2.6	2.8
o. My local government is doing enough to plan for the future of our natural resources.	2.5	2.5	2.5	2.6
p. Local waterways for boating and fishing opportunities are inaccessible near where I live.	2.8	2.6	2.5	2.5
q. There are enough public recreation areas close to where I live.	2.9	3.2	3.1	3.0
r. Public recreation areas and programs near where I live are accessible to people with disabilities.	3.2	3.5	3.3	3.5

	City	Suburban	Town	Rural
s. Public transportation to recreation areas near where I live is inadequate.	3.2	3.4	3.8	3.8
t. Maintaining the public recreation areas we now have is not as important as adding new parks in Pennsylvania.	2.1	2.2	2.1	2.3
u. I need more information about the availability of recreation areas and opportunities.	3.5	3.5	3.4	3.3
v. The Commonwealth of Pennsylvania provides enough information about recreation opportunities at State Parks and Forests.	2.8	3.0	3.1	3.2
w. Municipalities in my area should join together to form a parks and recreation department.	3.9	3.7	4.0	3.8
x. The availability of local recreation programs reduces youth crime.	4.2	4.3	4.3	4.2
y. Parks and natural areas decrease the value of nearby properties.	1.6	1.5	1.5	1.5
z. Greenways and trails increase the value of nearby properties.	4.3	4.4	4.1	4.3
aa. My municipality should have a permanent source of funding for park and recreation opportunities based on general tax revenues.	4.1	4.0	3.9	3.6
bb. The State needs to increase its permanent source of funding for park and recreation opportunities based on general tax revenues.	4.1	3.9	3.9	3.6
cc. The Commonwealth of Pennsylvania should do more to increase awareness of rivers conservation and reconnecting communities to the riverfront.	4.1	4.1	4.1	3.9

22. How important to you are each of the following priorities for funding recreation and conservation programs?

	City	Suburb	Town	Rural
a. Acquire and protect open space (as undeveloped recreation land)	4.1	4.1	4.0	3.9
b. Acquire additional land and water areas for developed recreation	3.8	3.8	3.7	3.6
c. Maintain existing park and recreation areas	4.6	4.5	4.4	4.4
d. Provide environmental and conservation programs	4.2	4.0	4.0	4.0
e. Provide recreation programs at parks and recreation areas	4.2	4.0	4.0	3.9
f. Protect wildlife habitat and conserve wild resources	4.4	4.3	4.4	4.4
g. Build more greenways/trails	4.0	3.9	4.0	3.7
h. Restore damaged rivers and streams	4.4	4.4	4.4	4.3
i. Provide information on recreation opportunities	4.1	3.9	3.9	3.9
j. Assist local government with open space and recreation plans	4.1	4.0	3.9	3.8
k. Assist local government in creating park and recreation departments	4.0	3.9	3.9	3.7
l. Build pedestrian and cycling paths between places of work, schools, and shopping areas	4.1	4.0	3.9	3.5
m. Other	4.2	4.3	4.7	4.1

## Income Comparisons

1. During an average week, how many hours do you usually spend on recreational activities away from your home?

Household Income:	Less than \$20,000	\$20,000-\$39,999	\$40,000-\$79,999	\$80,000 or more
Indoor hours away from home (mean)	5.4	3.9	4.8	4.7
Outdoor hours away from home (mean)	6.8	5.6	5.7	6.1

2. How many times have you or anyone in your household visited public outdoor recreation areas (such as local, state, and national parks, forests and similar areas)?

In Pennsylvania	Less than \$20,000	\$20,000-\$39,999	\$40,000-\$79,999	\$80,000 or more
In the last 3 months (mean)	4.5	7.4	4.9	7.5
In the last 12 months (mean)	14.3	16.5	17.3	26.7
Out of State				
In the last 3 months (mean)	.4	1.3	1.3	1.2
In the last 12 months (mean)	1.0	3.9	3.4	4.4

3. About what percentage of your recreational activities away from home take place at the following types of areas?

Recreation Areas	Less than \$20,000	\$20,000-\$39,999	\$40,000-\$79,999	\$80,000 or more
Local/municipal areas (%)	38.7%	31.6%	28.5%	28.7%
County areas (%)	10.9%	15.9%	13.5%	13.1%
State parks, forests, game lands, or other areas (%)	25.9%	27.5%	28.9%	25.8%
Federal parks, forests, and recreation areas (%)	6.4%	6.7%	7.3%	8.7%
Private/Commercial areas (%)	13.1%	11.1%	15.7%	17.7%
Other (%)	5.0%	7.2%	6.2%	6.1%

4. Over the next five years, do you expect your recreational activity to increase, decrease, or remain about the same?

Indoor	Less than \$20,000	\$20,000-\$39,999	\$40,000-\$79,999	\$80,000 or more
Decrease (%)	18.8%	9.7%	4.7%	5.8%
Stay about the same (%)	61.6%	67.9%	73.0%	69.4%
Increase (%)	19.6%	22.4%	22.2%	24.8%
Outdoor				
Decrease (%)	20.8%	20.2%	6.0%	8.7%
Stay about the same (%)	55.9%	59.6%	58.1%	52.7%
Increase (%)	21.3%	26.6%	32.0%	34.1%

5. What benefits does your household receive from participating in outdoor recreation activities?

Benefits	Less than \$20,000	\$20,000-\$39,999	\$40,000-\$79,999	\$80,000 or more
Health (%)	33.0%	50.4%	53.1%	68.2%
Nature (%)	11.8%	22.2%	23.1%	17.3%
Social (%)	14.4%	21.5%	24.3%	26.0%
Relaxation (%)	5.5%	10.5%	16.2%	18.4%
Activities (%)	5.4%	5.7%	6.4%	8.4%
Fun (%)	6.4%	6.8%	8.4%	11.6%
Knowledge and Education (%)	1.7%	3.5%	4.7%	2.7%
Financial (%)	1.1%	2.5%	2.5%	3.1%
Other Benefits (%)	3.4%	2.3%	3.5%	2.2%

6. What are the most important reasons keeping you from participating in outdoor recreation activities as often as you would like?

Constraints	Less than \$20,000	\$20,000-\$39,999	\$40,000-\$79,999	\$80,000 or more
Work and School (%)	9.4%	21.1%	33.0%	39.6%
Time (%)	6.3%	17.3%	24.9%	31.8%
Health (%)	38.2%	28.4%	12.4%	5.9%
Weather and Seasonal (%)	6.6%	16.5%	13.2%	11.6%
Financial (%)	13.1%	12.4%	10.3%	6.2%
Social (%)	7.9%	6.6%	6.9%	8.8%
Facilities and Services (%)	2.4%	2.7%	4.3%	5.2%
Location and Distance (%)	7.0%	3.9%	4.4%	4.2%
Intrapersonal (%)	.9%	.8%	3.0%	3.9%
Safety (%)	.4%	.5%	1.1%	.3%

9. Has the price of gasoline influenced your participation in outdoor recreation ?

	Less than \$20,000	\$20,000-\$39,999	\$40,000-\$79,999	\$80,000 or more
Responded Yes (%)	54.2%	63.1%	45.4%	39.7%

10. Have you cut back on expenses in other areas to continue your participation in outdoor recreation activities?

	Less than \$20,000	\$20,000-\$39,999	\$40,000-\$79,999	\$80,000 or more
Responded Yes (%)	25.4%	21.1%	18.0%	16.0%

<b>Question #7 Activities in the last 12 months. % of respondents reporting yes they participated.</b>	<b>% Less than \$20,000 Personal</b>	<b>% Less than \$20,000 Household Member</b>	<b>% \$20,000-\$39,999 Personal</b>	<b>% \$20,000-\$39,999 Household Member</b>	<b>% \$40,000-\$79,999 Personal</b>	<b>% \$40,000-\$79,999 Household Member</b>	<b>% \$80,000 or more Personal</b>	<b>% \$80,000 or more Household Member</b>
Walking	66.5%	25.5%	83.0%	48.8%	86.5%	62.2%	86.3%	69.9%
Jogging	10.9%	12.0%	16.7%	15.8%	19.3%	14.2%	27.4%	28.9%
Hiking and Backpacking	6.4%	6.0%	13.5%	15.9%	18.9%	26.2%	21.6%	35.2%
Horseback Riding	2.0%	4.0%	4.3%	5.5%	4.1%	6.3%	10.4%	11.5%
Bicycling	7.9%	15.0%	21.1%	26.3%	27.1%	31.7%	30.4%	40.6%
Mountain Biking	1.7%	1.8%	9.0%	6.3%	9.4%	8.5%	11.4%	11.0%
Off-Road Motorcycling	1.8%	2.8%	2.5%	5.1%	2.0%	4.9%	2.7%	3.0%
ATV Riding	4.1%	4.6%	8.9%	9.3%	11.6%	12.4%	8.3%	9.4%
Four-Wheel Driving	3.5%	4.9%	8.7%	9.8%	9.6%	8.0%	7.9%	6.5%
Driving for Pleasure	40.1%	20.7%	63.4%	32.3%	54.0%	35.5%	50.0%	35.3%
Swimming	28.5%	22.4%	40.7%	38.2%	55.5%	45.7%	63.0%	54.8%
Fishing	17.2%	16.5%	20.0%	28.7%	28.4%	32.7%	24.8%	30.8%
Power Boating	3.0%	2.1%	10.4%	11.1%	15.8%	11.7%	14.2%	12.7%
Water skiing	0.3%	2.3%	2.3%	4.7%	3.4%	2.9%	5.4%	6.8%
Jetskiing	1.3%	1.5%	2.1%	2.9%	2.8%	2.4%	7.2%	7.7%
Sailing	2.4%	2.3%	1.5%	0.9%	4.3%	2.7%	7.2%	6.4%
Canoeing	4.0%	4.4%	11.7%	9.8%	15.8%	14.8%	14.7%	13.7%
Kayaking	0.8%	2.4%	5.6%	5.0%	6.5%	5.5%	16.7%	16.3%
Tubing	3.7%	6.3%	6.8%	7.1%	12.5%	13.9%	12.4%	15.8%
Rowing	2.0%	2.8%	5.3%	5.2%	7.3%	8.1%	5.0%	5.6%
Other non-motorized boating	5.2%	2.2%	2.3%	2.7%	5.5%	5.5%	4.6%	4.4%
Downhill Skiing/ Snowboarding	0.9%	4.7%	4.0%	9.0%	9.5%	12.9%	16.0%	24.4%
Sledding/Tubing	5.2%	8.5%	17.9%	23.4%	22.6%	26.6%	22.7%	27.3%
Cross-country Skiing	3.3%	1.1%	2.3%	1.2%	4.7%	3.4%	5.6%	5.0%
Ice Skating/Hockey	2.9%	3.6%	4.4%	8.0%	8.5%	11.5%	10.7%	16.1%
Snowmobiling	1.4%	2.8%	2.4%	2.6%	5.0%	5.3%	3.5%	5.0%
Snowshoeing	1.2%	0.3%	1.6%	0.7%	3.1%	1.9%	1.6%	2.1%

<b>Question #7 Activities in the last 12 months. % of respondents reporting yes they participated. (Continued)</b>	<b>% Less than \$20,000 Personal</b>	<b>% Less than \$20,000 Household Member</b>	<b>% \$20,000-\$39,999 Personal</b>	<b>% \$20,000-\$39,999 Household Member</b>	<b>% \$40,000-\$79,999 Personal</b>	<b>% \$40,000-\$79,999 Household Member</b>	<b>% \$80,000 or more Personal</b>	<b>% \$80,000 or more Household Member</b>
Ice Fishing	3.6%	2.3%	3.9%	1.9%	5.6%	3.4%	3.6%	3.4%
Skateboarding/Rollerblading	3.9%	9.3%	3.9%	13.1%	6.6%	15.9%	3.5%	15.2%
Handball/Racquetball	1.5%	4.2%	3.6%	7.0%	2.3%	3.0%	3.8%	8.3%
Tennis	4.9%	5.3%	6.5%	5.9%	12.0%	8.0%	15.3%	20.7%
Archery	6.1%	4.4%	6.2%	7.1%	11.5%	8.6%	9.0%	8.1%
Rifle/Handgun Shooting	12.0%	6.2%	20.2%	15.7%	22.0%	19.7%	19.9%	17.3%
Horseshoes	8.5%	6.2%	19.3%	12.4%	21.3%	14.3%	17.6%	15.5%
Golf	3.5%	5.2%	12.1%	7.7%	22.1%	17.5%	32.5%	27.1%
Disc Golf	0.9%	1.8%	1.4%	1.0%	2.6%	2.2%	2.3%	2.8%
Rock Climbing	5.3%	3.0%	1.7%	3.6%	3.0%	4.6%	3.6%	7.6%
Geocaching	1.9%	2.3%	1.7%	0.6%	3.5%	2.6%	1.7%	3.3%
Baseball	5.3%	11.2%	4.4%	12.1%	9.0%	12.3%	9.1%	16.5%
Softball	8.8%	8.9%	9.0%	10.2%	8.8%	9.3%	12.6%	12.6%
Basketball	7.5%	10.8%	6.8%	14.3%	9.6%	15.3%	13.2%	18.4%
Soccer	3.0%	5.7%	4.5%	8.1%	3.3%	10.8%	9.7%	17.8%
Football	5.6%	12.3%	4.2%	12.9%	6.7%	12.8%	8.8%	17.0%
Volleyball	6.5%	6.3%	12.3%	13.9%	6.6%	8.9%	13.9%	14.0%
Hunting	9.2%	10.0%	11.5%	13.6%	16.4%	19.2%	12.6%	14.4%
Camping	11.7%	15.5%	16.2%	24.6%	20.3%	29.7%	16.8%	29.5%
Picnicking	41.3%	24.0%	64.8%	40.9%	62.1%	45.7%	52.8%	43.8%
Playground Use	21.5%	18.5%	33.6%	31.9%	33.9%	32.4%	32.7%	34.2%
Dog walking	21.3%	13.8%	32.7%	22.4%	34.1%	28.3%	35.2%	28.9%
Birding/Bird watching	24.8%	9.7%	34.7%	17.6%	32.5%	21.9%	28.0%	19.0%
Sky Diving/Hang Gliding	0.0%	0.7%	0.7%	1.3%	0.4%	0.6%	1.2%	3.5%
Visiting Historic Sites	31.5%	16.6%	51.9%	31.3%	56.2%	40.5%	57.1%	45.1%
Nature Study	11.5%	6.5%	22.1%	15.7%	21.6%	15.7%	23.5%	18.3%
Wildlife Viewing	28.3%	14.1%	43.0%	31.4%	47.8%	36.6%	45.0%	37.0%
Fish Viewing	10.0%	6.2%	16.2%	13.7%	15.1%	11.1%	11.4%	11.0%
Night Sky Viewing	21.5%	11.2%	33.1%	20.8%	35.3%	23.2%	38.1%	27.3%



<b>Question #11 Recreation Area and Facility Need. % of respondents reporting need for more facilities or improvement to facilities.</b>	<b>% Less than \$20,000 Number</b>	<b>% Less than \$20,000 Quality</b>	<b>% \$20,000-\$39,999 Number</b>	<b>% \$20,000-\$39,999 Quality</b>	<b>% \$40,000-\$79,999 Number</b>	<b>% \$40,000-\$79,999 Quality</b>	<b>% \$80,000 or more Number</b>	<b>% \$80,000 or more Quality</b>
Walking Paths	55.4%	54.7%	39.3%	30.6%	42.7%	27.1%	46.0%	26.8%
Jogging/Fitness Trails	53.6%	44.5%	42.6%	28.3%	46.5%	30.1%	42.9%	25.8%
Hiking and Backpacking Trails	60.5%	51.3%	44.5%	30.1%	43.2%	27.2%	46.9%	29.9%
Equestrian Trails	54.9%	49.7%	46.7%	37.4%	39.6%	29.7%	36.6%	25.9%
Bicycle Paths	54.6%	57.5%	50.7%	39.1%	55.5%	41.9%	56.1%	40.8%
Bike Lanes	63.3%	61.5%	67.1%	58.0%	65.5%	58.1%	73.9%	63.0%
Mountain Bike Trails	60.1%	52.5%	45.9%	35.3%	50.5%	30.0%	51.3%	37.6%
Off-Road Motorcycling Trails	61.1%	51.8%	42.1%	33.3%	47.5%	33.5%	34.8%	23.2%
ATV Trails	56.3%	49.4%	48.4%	39.5%	57.0%	40.5%	37.3%	24.2%
Four-Wheel Driving Trails	55.5%	48.7%	41.4%	39.1%	55.8%	38.9%	33.4%	23.1%
Scenic Drives/Byways	56.1%	50.1%	54.4%	43.7%	42.8%	35.0%	35.3%	27.4%
Indoor Pools	68.8%	67.3%	59.6%	34.4%	50.9%	41.8%	44.0%	30.6%
Outdoor Pools	60.9%	62.1%	48.3%	38.9%	43.1%	37.6%	41.9%	32.3%
Motorized Boating Areas Limited HP	37.5%	29.4%	29.8%	23.3%	34.6%	28.1%	29.0%	24.7%
Motorized Boating Areas Unlimited HP	30.5%	33.3%	28.2%	21.6%	31.1%	24.1%	31.8%	23.9%
Non-Motorized Boating Areas	36.3%	33.0%	34.5%	23.2%	35.0%	26.5%	34.5%	29.0%
Lake/Stream Swimming Area	54.3%	61.0%	46.2%	45.1%	48.1%	45.3%	46.6%	36.6%
Lake and River Access	43.6%	42.8%	46.2%	35.1%	44.5%	43.9%	42.0%	37.1%
Water Trails	47.3%	41.5%	50.9%	42.2%	47.2%	40.0%	42.4%	35.8%
Warmwater Fishing Areas	52.9%	41.9%	37.3%	32.1%	40.8%	36.5%	27.7%	23.9%
Coldwater Fishing Areas	46.0%	43.8%	32.4%	26.6%	35.1%	32.7%	28.8%	26.3%
Special Regulation Fishing Areas	46.7%	39.4%	23.0%	24.0%	30.4%	26.7%	30.8%	28.1%
Big Game Hunting Areas	50.9%	50.9%	33.0%	24.6%	39.1%	30.6%	39.7%	32.7%
Small Game Hunting Areas	47.6%	48.0%	44.2%	32.4%	40.9%	36.7%	42.0%	32.6%
Waterfowl Hunting Areas	47.0%	55.1%	37.2%	21.6%	34.7%	39.3%	34.4%	28.6%
Campgrounds with Hookups	59.3%	58.6%	45.5%	30.3%	49.3%	40.9%	38.2%	33.0%
Campgrounds w/out Hookup	54.7%	53.6%	40.2%	31.2%	47.3%	37.5%	33.6%	26.9%
Primitive Camping Areas	55.0%	47.2%	43.7%	25.8%	52.7%	44.0%	44.2%	37.3%
Rental Cabins	65.8%	63.3%	57.5%	37.7%	62.2%	46.6%	63.3%	44.4%
Nature Inns/Lodges	52.4%	52.0%	51.9%	23.6%	60.1%	45.4%	63.4%	41.7%

%

<b>Question #11 Recreation Area and Facility Need (Continued)</b>	<b>% Less than \$20,000 Number</b>	<b>% Less than \$20,000 Quality</b>	<b>% \$20,000-\$39,999 Number</b>	<b>% \$20,000-\$39,999 Quality</b>	<b>% \$40,000-\$79,999 Number</b>	<b>% \$40,000-\$79,999 Quality</b>	<b>% \$80,000 or more Number</b>	<b>% \$80,000 or more Quality</b>
Picnic Areas	48.2%	45.9%	39.5%	30.7%	46.2%	38.8%	44.9%	35.4%
Playgrounds	61.5%	64.8%	36.5%	35.4%	37.5%	36.5%	37.7%	33.3%
Dog Parks	65.8%	68.6%	61.2%	50.1%	65.2%	51.8%	62.6%	46.2%
Skateboard/Rollerblade Areas	58.9%	60.8%	66.8%	51.9%	46.8%	32.5%	46.7%	37.1%
Handball/Racquetball Courts	50.8%	40.4%	49.7%	34.0%	39.8%	28.3%	41.2%	32.6%
Tennis Courts	45.0%	41.0%	40.6%	34.7%	40.9%	34.8%	31.8%	29.8%
Archery Ranges	47.6%	48.5%	57.1%	36.7%	51.7%	39.0%	50.5%	33.9%
Rifle/Handgun Ranges	50.0%	39.1%	48.8%	32.5%	51.2%	42.1%	50.9%	38.4%
Horseshoe Pits	50.9%	47.9%	58.9%	40.1%	52.4%	43.7%	42.8%	40.0%
Golf Courses	36.3%	36.7%	10.6%	6.9%	16.5%	15.2%	15.4%	16.1%
Disc Golf Courses	36.0%	38.7%	43.1%	25.2%	31.1%	24.6%	28.5%	21.3%
Rock Climbing Areas	48.2%	39.0%	64.9%	48.7%	47.0%	30.8%	48.8%	35.0%
Geocaching Areas	46.1%	41.8%	40.5%	25.4%	40.9%	34.4%	29.8%	19.7%
Baseball Fields	32.7%	33.6%	20.6%	26.6%	19.2%	24.4%	22.1%	22.8%
Softball Fields	40.6%	38.9%	25.6%	25.4%	21.8%	24.2%	23.1%	22.8%
Outdoor Basketball Courts	45.0%	47.4%	46.1%	39.7%	36.8%	32.4%	35.4%	29.9%
Indoor Basketball Courts	46.2%	37.0%	45.8%	30.6%	34.2%	26.6%	33.7%	23.0%
Soccer Fields	41.9%	38.5%	25.2%	25.7%	24.9%	22.2%	26.6%	25.7%
Football Fields	33.1%	32.2%	21.2%	17.4%	16.3%	16.8%	18.0%	18.6%
Volleyball Courts	48.0%	46.6%	53.8%	50.2%	38.9%	33.6%	49.4%	34.1%
Heritage/Historic Areas	47.5%	39.7%	46.0%	38.2%	39.3%	39.8%	36.2%	29.1%
Environmental Education Areas	60.6%	47.8%	59.9%	46.3%	57.8%	45.5%	52.3%	37.5%
Natural or Wild Areas	53.5%	55.6%	54.8%	35.5%	55.8%	44.8%	52.6%	39.4%
Wildlife Viewing Areas	66.4%	56.6%	60.9%	45.9%	59.3%	47.7%	59.1%	42.8%
Fish Viewing Areas	54.9%	54.3%	63.3%	48.2%	56.2%	47.6%	48.6%	32.2%
Downhill Skiing and Snowmobiling Areas	42.9%	46.8%	30.8%	20.7%	26.2%	25.8%	32.8%	26.5%
Sledding/Tubing Areas	49.3%	50.9%	50.3%	30.4%	46.0%	35.0%	45.2%	30.4%
Cross Country Ski Areas	46.2%	34.9%	42.8%	25.6%	33.9%	28.6%	41.3%	29.3%
Ice Rink	61.4%	57.3%	56.7%	34.8%	48.7%	36.0%	47.8%	33.6%
Snowmobile Trails	52.3%	56.0%	40.8%	22.3%	46.1%	35.6%	37.3%	28.2%
Snowshoeing Trails	42.1%	45.2%	39.1%	29.4%	38.3%	32.2%	35.5%	23.8%
Ice Fishing Areas	37.9%	40.8%	31.7%	24.1%	32.0%	24.5%	30.4%	22.0%

12. How satisfied are you with each of the following types of recreation areas and opportunities available to you in Pennsylvania?

<b>Recreation Areas</b>	<b>Less than \$20,000</b>	<b>\$20,000-\$39,999</b>	<b>\$40,000-\$79,999</b>	<b>\$80,000 or more</b>
Municipal parks/recreation areas (mean)	3.4	3.5	3.6	3.6
County parks/recreation areas (mean)	3.3	3.5	3.6	3.5
State Parks (mean)	3.6	3.9	3.8	3.9
State Forests (mean)	3.5	3.8	3.8	3.9
State Game Lands (mean)	3.5	3.7	3.6	3.7
Federal parks/forests/recreation areas (mean)	3.3	3.7	3.5	3.6
Private/commercial recreation areas (mean)	3.3	3.6	3.4	3.5

13. What types of programs would you like to see offered in your area?

<b>Type of Program</b>	<b>Less than \$20,000</b>	<b>\$20,000-\$39,999</b>	<b>\$40,000-\$79,999</b>	<b>\$80,000 or more</b>
Activity skills	15.8%	16.4%	13.2%	14.5%
Arts and crafts	17.7%	10.2%	10.2%	9.2%
Environmental education	7.6%	18.6%	19.3%	20.1%
Before and after school	17.3%	18.6%	20.2%	20.0%
Pre-school	10.6%	12.2%	9.9%	9.6%
Fitness	22.8%	27.3%	25.2%	31.0%
Senior	31.7%	37.4%	26.2%	22.6%
Other	5.2%	7.1%	4.9%	6.5%

17. In your opinion, to what extent does your outdoor recreation participation result in any of the following health benefits for you?

<b>Type of benefits</b>	<b>Less than \$20,000</b>	<b>\$20,000-\$39,999</b>	<b>\$40,000-\$79,999</b>	<b>\$80,000 or more</b>
Reduced stress	4.0	4.3	4.4	4.4
Improved level of physical fitness	3.9	4.1	4.2	4.3
Improved physical health	4.0	4.1	4.2	4.3
Improved mental health	4.0	4.2	4.3	4.4
Reduced anxiety	3.9	4.1	4.2	4.2
Enhanced family interaction	3.6	3.8	3.8	4.0
Other	4.1	4.3	3.6	3.5

18. Do you walk or ride a bike in your neighborhood?

Type of benefits	Less than \$20,000	\$20,000-\$39,999	\$40,000-\$79,999	\$80,000 or more
Responded Yes (%)	64.8%	67.3%	72.2%	72.9%

21. Please answer each item on a scale of 1 - 5 where 1 indicates Strongly Disagree and 5 indicates Strongly Agree.

	Less than \$20,000	\$20,000-\$39,999	\$40,000-\$79,999	\$80,000 or more
a. Open space near where I live is threatened by development.	3.2	3.5	3.6	3.8
b. There is not enough protected open space near where I live.	3.6	3.5	3.6	3.7
c. I would be more likely to use a trail if it was within easy walking distance from where I live.	4.0	4.1	4.2	4.2
d. My community is a safe and easy place to walk.	3.2	3.3	3.6	3.7
e. It is important that greenways/trails connect neighborhoods with schools, shopping areas, parks, and open spaces.	4.0	4.0	4.0	4.1
f. Public recreation areas near where I live are well maintained.	3.4	3.6	3.7	3.8
g. Public recreation areas near where I live are inadequately policed.	3.4	3.0	3.0	3.0
h. The general environmental quality of public recreation areas near where I live is good.	3.3	3.6	3.7	3.8
i. Streams and rivers near where I live are in poor condition.	3.1	2.9	2.9	2.7
j. I do my part to conserve our natural resources.	4.1	4.1	4.2	4.2
k. I do not have the necessary knowledge and resources to make wise choices to protect the environment.	2.6	2.8	2.3	2.1
l. My individual actions make no difference in conserving the environment.	2.1	1.8	1.8	1.7
m. It is important for citizens to play a role in conserving our lands and waters.	4.5	4.7	4.6	4.6
n. The Commonwealth of Pennsylvania is doing enough to plan for the future of our natural resources.	2.6	2.8	2.6	2.7
o. My local government is doing enough to plan for the future of our natural resources.	2.6	2.7	2.3	2.6
p. Local waterways for boating and fishing opportunities are inaccessible near where I live.	2.7	2.9	2.5	2.5
q. There are enough public recreation areas close to where I live.	2.9	2.9	3.1	3.2

	Less than \$20,000	\$20,000-\$39,999	\$40,000-\$79,999	\$80,000 or more
r. Public recreation areas and programs near where I live are accessible to people with disabilities.	3.1	3.3	3.4	3.6
s. Public transportation to recreation areas near where I live is inadequate.	3.7	3.5	3.6	3.5
t. Maintaining the public recreation areas we now have is not as important as adding new parks in Pennsylvania.	2.2	2.4	2.1	2.1
u. I need more information about the availability of recreation areas and opportunities.	3.9	3.5	3.4	3.3
v. The Commonwealth of Pennsylvania provides enough information about recreation opportunities at State Parks and Forests.	2.8	3.1	3.0	3.1
w. Municipalities in my area should join together to form a parks and recreation department.	4.0	3.7	4.0	3.8
x. The availability of local recreation programs reduces youth crime.	4.2	4.2	4.2	4.2
y. Parks and natural areas decrease the value of nearby properties.	1.9	1.5	1.5	1.5
z. Greenways and trails increase the value of nearby properties.	4.2	4.1	4.4	4.4
aa. My municipality should have a permanent source of funding for park and recreation opportunities based on general tax revenues.	4.0	3.9	3.9	3.9
bb. The State needs to increase its permanent source of funding for park and recreation opportunities based on general tax revenues.	4.0	3.8	3.9	3.8
cc. The Commonwealth of Pennsylvania should do more to increase awareness of rivers conservation and reconnecting communities to the riverfront.	4.3	3.9	4.1	4.0

22. How important to you are each of the following priorities for funding recreation and conservation programs?

	Less than \$20,000	\$20,000-\$39,999	\$40,000-\$79,999	\$80,000 or more
a. Acquire and protect open space (as undeveloped recreation land)	4.0	3.9	4.1	4.1
b. Acquire additional land and water areas for developed recreation	3.8	3.6	3.8	3.8
c. Maintain existing park and recreation areas	4.3	4.5	4.5	4.5
d. Provide environmental and conservation programs	4.1	4.0	4.1	4.0
e. Provide recreation programs at parks and recreation areas	4.1	4.0	4.0	3.9
f. Protect wildlife habitat and conserve wild resources	4.3	4.3	4.5	4.3
g. Build more greenways/trails	3.7	3.9	3.9	3.9
h. Restore damaged rivers and streams	4.2	4.3	4.5	4.4
i. Provide information on recreation opportunities	3.9	4.1	4.0	3.9
j. Assist local government with open space and recreation plans	4.0	3.9	4.0	3.9
k. Assist local government in creating park and recreation departments	3.9	3.9	3.9	3.8
l. Build pedestrian and cycling paths between places of work, schools, and shopping areas	3.7	3.9	3.9	3.9
m. Other	4.1	4.5	4.3	4.3

## Age Comparisons

1. During an average week, how many hours do you usually spend on recreational activities away from your home?

Age	Post Boomers (Under 44)	Boomers (44-62)	Pre Boomers (Older than 63)
Indoor hours away from home (mean)	5.2	4.7	4.0
Outdoor hours away from home (mean)	5.8	6.1	5.5

2. How many times have you or anyone in your household visited public outdoor recreation areas (such as local, state, and national parks, forests and similar areas)?

In Pennsylvania	Post Boomers (Under 44)	Boomers (44-62)	Pre Boomers (Older than 63)
In the last 3 months (mean)	6.1	6.8	5.0
In the last 12 months (mean)	22.8	22.7	13.8
<b>Out of State</b>			
In the last 3 months (mean)	1.0	1.2	1.4
In the last 12 months (mean)	3.7	3.7	3.7

3. About what percentage of your recreational activities away from home take place at the following types of areas?

Recreation Areas	Post Boomers (Under 44)	Boomers (44-62)	Pre Boomers (Older than 63)
Local/municipal areas (%)	35.9%	28.4%	24.0%
County areas (%)	14.5%	14.1%	12.5%
State parks, forests, game lands, or other areas (%)	24.7%	27.3%	29.7%
Federal parks, forests, and recreation areas (%)	6.2%	8.2%	8.3%
Private/Commercial areas (%)	14.6%	14.8%	18.8%
Other (%)	4.0%	7.1%	6.8%

4. Over the next five years, do you expect your recreational activity to increase, decrease, or remain about the same?

Indoor	Post Boomers (Under 44)	Boomers (44-62)	Pre Boomers (Older than 63)
Decrease (%)	5.6%	4.4%	13.2%
Stay about the same (%)	62.7%	72.0%	73.3%
Increase (%)	31.7%	23.6%	13.5%
<b>Outdoor</b>			
Decrease (%)	3.5%	4.0%	34.6%
Stay about the same (%)	37.4%	58.3%	69.5%
Increase (%)	44.3%	32.4%	16.5%

5. What benefits does your household receive from participating in outdoor recreation activities?

<b>Benefits</b>	<b>Post Boomers (Under 44)</b>	<b>Boomers (44-62)</b>	<b>Pre Boomers (Older than 63)</b>
Health (%)	63.0%	57.9%	41.3%
Nature (%)	28.5%	20.5%	14.2%
Social (%)	32.7%	22.8%	13.5%
Relaxation (%)	17.3%	16.4%	9.1%
Activities (%)	5.8%	7.3%	5.9%
Fun (%)	8.5%	10.4%	6.6%
Knowledge and Education (%)	7.4%	3.1%	1.9%
Financial (%)	2.6%	2.8%	1.1%
Other Benefits (%)	1.9%	2.9%	2.7%

6. What are the most important reasons keeping you from participating in outdoor recreation activities as often as you would like?

<b>Constraints</b>	<b>Post Boomers (Under 44)</b>	<b>Boomers (44-62)</b>	<b>Pre Boomers (Older than 63)</b>
Work and School (%)	34.2%	37.7%	12.6%
Time (%)	24.8%	29.6%	12.4%
Health (%)	5.9%	8.1%	37.0%
Weather and Seasonal (%)	18.4%	12.2%	8.5%
Financial (%)	11.5%	10.2%	6.0%
Social (%)	16.5%	5.3%	2.2%
Facilities and Services (%)	5.9%	4.4%	2.2%
Location and Distance (%)	6.0%	3.7%	4.4%
Intrapersonal (%)	1.9%	3.1%	3.7%
Safety (%)	1.2%	1.0%	0%



<b>Question #7 Activities in the last 12 months. % of respondents reporting yes they participated</b>	<b>% Post Boomers (Under 44) Personal</b>	<b>% Post Boomers (Under 44) Member</b>	<b>% Boomers (44-62) Personal</b>	<b>% Boomers (44-62) Household Member</b>	<b>% Pre Boomers (Older 63) Personal</b>	<b>% Pre Boomers (Older 63) Household Member</b>
Walking	93.9%	71.3%	85.8%	66.5%	73.5%	39.4%
Jogging	39.5%	32.7%	20.9%	21.4%	8.4%	6.9%
Hiking and Backpacking	24.9%	32.4 %	19.6%	32.1%	8.9%	10.4%
Horseback Riding	7.9%	11.0%	8.3%	10.4%	1.9%	3.6%
Bicycling	36.2%	50.3%	28.5%	36.3%	13.2%	15.0%
Mountain Biking	17.9%	14.9%	8.4%	8.5%	3.8%	3.3%
Off-Road Motorcycling	2.6%	6.7%	2.5%	3.8%	1.3%	1.9%
ATV Riding	12.7%	14.6%	10.4%	11.0%	4.7%	4.6%
Four-Wheel Driving	12.0%	11.6%	7.8%	6.9%	5.8%	4.4%
Driving for Pleasure	52.8%	39.9%	54.3%	34.9%	50.9%	25.8%
Swimming	67.6%	64.4%	57.9%	50.5%	33.5%	22.4%
Fishing	30.4%	41.0%	24.3%	32.7%	19.4%	16.2%
Power Boating	13.6%	11.3%	14.8%	13.3%	9.0%	7.1%
Water skiing	6.2%	4.9%	3.7%	5.7%	1.3%	2.8%
Jetskiing	5.6%	4.0%	5.2%	6.4%	1.4%	1.3%
Sailing	3.9%	4.1%	5.0%	3.7%	4.1%	3.2%
Canoeing	22.2%	20.0%	15.5%	14.8%	4.6%	3.3%
Kayaking	11.5%	10.0%	11.0%	11.2%	5.7%	5.2%
Tubing	17.1%	20.1%	12.0%	13.5%	3.1%	5.4%
Rowing	5.3%	6.8%	7.1%	7.3%	3.3%	3.9%
Other non-motorized boating	4.6%	3.9%	4.0%	4.6%	4.7%	3.3%
Downhill Skiing/ Snowboarding	16.8%	16.1%	9.8%	19.8%	4.7%	7.5%
Sledding/Tubing	36.9%	36.7%	21.1%	28.8%	5.6%	8.1%
Cross-country Skiing	4.6%	3.4%	4.5%	3.3%	4.8%	3.9%
Ice Skating/Hockey	14.5%	16.6%	7.9%	14.7%	3.0%	4.0%
Snowmobiling	4.7%	6.4%	3.6%	4.9%	2.6%	2.9%
Snowshoeing	1.3%	1.4%	2.3%	1.4%	2.7%	1.9%

<b>Question #7 Activities in the last 12 months. % of respondents reporting yes they participated (Continued)</b>	<b>% Post Boomers (Under 44) Personal</b>	<b>% Post Boomers (Under 44) Member</b>	<b>% Boomers (44-62) Personal</b>	<b>% Boomers (44-62) Household Member</b>	<b>% Pre Boomers (Older 63) Personal</b>	<b>% Pre Boomers (Older 63) Household Member</b>
Ice Fishing	4.0	4.1%	3.7%	3.9%	5.4%	1.8%
Skateboarding/Rollerblading	11.0	23.9%	2.9%	16.2%	2.5%	5.1%
Handball/Racquetball	2.9	6.0%	3.9%	7.3%	1.6%	3.1%
Tennis	18.3	14.3%	11.5%	15.6%	6.1%	4.1%
Archery	11.3	11.9%	9.5%	8.7%	6.3%	2.9%
Rifle/Handgun Shooting	21.4	23.4%	20.9%	19.0%	17.6%	9.8%
Horseshoes	24.5	17.5%	20.3%	18.1%	11.5%	5.0%
Golf	28.7	20.7%	23.6%	21.3%	14.7%	10.1%
Disc Golf	4.4	3.0%	2.2%	2.6%	0.5%	1.0%
Rock Climbing	6.1	8.4%	3.3%	6.5%	0.8%	1.8%
Geocaching	4.6	2.8%	2.6%	2.9%	0.5%	1.7%
Baseball	11.5	20.8%	9.1%	14.9%	2.8%	5.5%
Softball	17.0	14.3%	11.2%	13.8%	3.9%	4.3%
Basketball	16.4	20.9%	12.9%	21.8%	2.4%	4.3%
Soccer	10.2	21.9%	6.2%	12.6%	1.9%	4.6%
Football	12.3	21.1%	6.2%	17.0%	3.8%	4.7%
Volleyball	14.9	12.6%	12.7%	15.5%	4.3%	5.2%
Hunting	12.3	20.1%	14.3%	18.8%	12.6%	7.1%
Camping	27.6	41.8%	18.0%	30.6%	8.9%	12.5%
Picnicking	66.5	52.1%	60.4%	47.8%	45.6%	25.7%
Playground Use	50.9	49.5%	32.8%	35.1%	19.2%	15.2%
Dog walking	36.3	29.1%	37.6%	33.0%	24.4%	13.3%
Birding/Bird watching	20.8	15.9%	33.5%	20.9%	34.7%	19.0%
Sky Diving/Hang Gliding	1.7	2.4%	0.5%	1.3%	0.3%	2.1%
Visiting Historic Sites	56.8	43.8%	59.7%	43.4%	42.7%	28.5%
Nature Study	17.7	15.3%	24.3%	18.7%	20.2%	12.5%
Wildlife Viewing	48.7	39.4%	48.2%	39.2%	35.0%	22.7%
Fish Viewing	16.7	16.9%	13.4%	10.8%	11.1%	7.7%
Night Sky Viewing	40.1	30.0%	39.9%	26.7%	25.1%	15.0%

<b>Question #11 Recreation Area and Facility Need. % of respondents reporting need for more facilities or improvement to facilities.</b>	<b>% Post Boomers (Under 44) Number</b>	<b>% Post Boomers (Under 44) Quality</b>	<b>% Boomers (44-62) Number</b>	<b>% Boomers (44-62) Quality</b>	<b>% Pre Boomers (Older 63) Number</b>	<b>% Pre Boomers (Older 63) Quality</b>
Walking Paths	46.9%	25.9%	43.8%	29.8%	41.1%	33.7%
Jogging/Fitness Trails	48.2%	28.6%	41.5%	28.7%	46.4%	32.9%
Hiking and Backpacking Trails	52.9%	26.8%	42.5%	31.3%	45.6%	34.7%
Equestrian Trails	42.8%	28.4%	37.6%	28.7%	39.0%	39.2%
Bicycle Paths	52.0%	32.5%	56.6%	45.4%	54.7%	48.1%
Bike Lanes	65.6%	49.7%	71.8%	64.4%	66.5%	66.3%
Mountain Bike Trails	55.5%	34.8%	48.0%	34.8%	51.9%	43.7%
Off-Road Motorcycling Trails	45.0%	32.3%	40.1%	26.7%	41.7%	33.7%
ATV Trails	47.4%	30.3%	47.6%	33.4%	46.0%	41.5%
Four-Wheel Driving Trails	45.6%	31.8%	42.9%	30.2%	46.4%	40.7%
Scenic Drives/Byways	36.8%	30.5%	42.1%	33.2%	46.5%	40.4%
Indoor Pools	53.8%	41.4%	49.6%	34.9%	48.4%	38.4%
Outdoor Pools	43.5%	37.8%	45.7%	36.3%	42.0%	36.6%
Motorized Boating Areas Limited HP	36.0%	27.9%	28.6%	24.9%	28.8%	23.3%
Motorized Boating Areas Unlimited HP	37.9%	27.5%	26.4%	21.4%	28.3%	20.4%
Non-Motorized Boating Areas	35.5%	27.4%	32.3%	25.9%	39.4%	27.0%
Lake/Stream Swimming Area	46.6%	39.9%	51.2%	45.0%	42.4%	47.8%
Lake and River Access	45.6%	39.8%	41.5%	40.1%	47.3%	42.3%
Water Trails	43.7%	36.0%	46.9%	41.2%	42.2%	30.9%
Warmwater Fishing Areas	34.1%	25.1%	37.5%	34.9%	32.8%	29.5%
Coldwater Fishing Areas	29.7%	24.1%	35.2%	33.0%	32.5%	29.9%
Special Regulation Fishing Areas	31.4%	28.6%	29.8%	25.3%	28.3%	30.1%
Big Game Hunting Areas	38.1%	29.7%	40.1%	31.2%	33.2%	33.0%
Small Game Hunting Areas	37.3%	27.4%	40.0%	33.1%	46.8%	45.2%
Waterfowl Hunting Areas	36.6%	30.7%	35.1%	27.5%	31.9%	30.2%
Campgrounds with Hookups	48.8%	38.3%	42.7%	35.6%	48.3%	43.6%
Campgrounds w/out Hookup	44.8%	37.3%	39.5%	31.1%	42.3%	39.2%
Primitive Camping Areas	55.4%	45.5%	44.4%	34.0%	40.8%	38.7%
Rental Cabins	59.1%	48.9%	62.9%	42.0%	65.4%	49.7%
Nature Inns/Lodges	59.3%	44.8%	59.1%	38.3%	59.7%	46.8%

<b>Question #11 Recreation Area and Facility Need. % of respondents reporting need for more facilities or improvement to facilities. (Continued)</b>	<b>% Post Boomers (Under 44) Number</b>	<b>% Post Boomers (Under 44) Quality</b>	<b>% Boomers (44-62) Number</b>	<b>% Boomers (44-62) Quality</b>	<b>% Pre Boomers (Older 63) Number</b>	<b>% Pre Boomers (Older 63) Quality</b>
Picnic Areas	45.2%	34.3%	44.5%	38.5%	44.8%	38.4%
Playgrounds	41.7%	37.3%	37.6%	36.7%	43.3%	41.0%
Dog Parks	59.4%	42.2%	64.8%	54.1%	67.1%	56.9%
Skateboard/Rollerblade Areas	57.3%	36.3%	43.4%	36.9%	59.7%	51.7%
Handball/Racquetball Courts	42.4%	31.5%	38.4%	27.4%	53.9%	44.8%
Tennis Courts	43.4%	33.2%	36.6%	33.0%	35.2%	35.1%
Archery Ranges	48.2%	31.0%	52.5%	36.4%	51.9%	44.6%
Rifle/Handgun Ranges	46.7%	30.6%	51.8%	40.4%	47.9%	41.4%
Horseshoe Pits	46.9%	37.9%	47.8%	41.0%	52.5%	45.8%
Golf Courses	18.8%	16.9%	13.8%	15.0%	17.4%	12.3%
Disc Golf Courses	36.2%	22.9%	29.5%	23.8%	28.0%	23.9%
Rock Climbing Areas	65.7%	42.2%	39.1%	28.1%	47.5%	41.6%
Geocaching Areas	37.7%	30.5%	36.1%	25.3%	32.8%	25.7%
Baseball Fields	23.2%	26.6%	19.6%	23.5%	24.7%	25.0%
Softball Fields	26.1%	28.8%	21.6%	22.8%	26.0%	22.0%
Outdoor Basketball Courts	38.9%	38.3%	33.8%	29.0%	46.0%	34.9%
Indoor Basketball Courts	31.9%	28.0%	38.4%	25.3%	38.0%	26.0%
Soccer Fields	25.3%	23.0%	23.4%	25.3%	34.5%	29.9%
Football Fields	20.8%	21.4%	17.4%	15.5%	18.0%	19.9%
Volleyball Courts	44.8%	33.1%	45.5%	36.8%	43.6%	40.1%
Heritage/Historic Areas	32.7%	33.1%	41.1%	35.2%	41.6%	38.7%
Environmental Education Areas	55.9%	39.4%	57.5%	42.8%	52.5%	47.3%
Natural or Wild Areas	54.2%	38.6%	54.3%	41.6%	52.5%	47.0%
Wildlife Viewing Areas	59.6%	44.6%	61.4%	46.5%	56.8%	49.9%
Fish Viewing Areas	56.2%	39.3%	52.1%	40.1%	56.9%	56.1%
Downhill Skiing and Snowmobiling Areas	32.8%	26.6%	27.9%	25.8%	28.9%	23.6%
Sledding/Tubing Areas	47.4%	33.1%	48.9%	33.5%	36.0%	33.3%
Cross Country Ski Areas	35.6%	28.4%	39.9%	28.4%	40.6%	30.2%
Ice Rink	45.7%	30.4%	50.6%	35.9%	52.7%	45.1%
Snowmobile Trails	36.4%	25.1%	42.2%	33.9%	45.3%	32.6%
Snowshoeing Trails	34.2%	26.5%	34.7%	27.8%	44.2%	32.6%
Ice Fishing Areas	30.9%	22.2%	29.2%	21.7%	36.4%	32.3%

9. Has the price of gasoline influenced your participation in outdoor recreation ?

	<b>Post Boomers (Under 44)</b>	<b>Boomers (44-62)</b>	<b>Pre Boomers (Older than 63)</b>
Responded Yes (%)	52.1%	46.3%	42.4%

10. Have you cut back on expenses in other areas to continue your participation in outdoor recreation activities?

	<b>Post Boomers (Under 44)</b>	<b>Boomers (44-62)</b>	<b>Pre Boomers (Older than 63)</b>
Responded Yes (%)	20.5%	19.1%	15.6%

12. How satisfied are you with each of the following types of recreation areas and opportunities available to you in Pennsylvania?

<b>Recreation Areas</b>	<b>Post Boomers (Under 44)</b>	<b>Boomers (44-62)</b>	<b>Pre Boomers (Older than 63)</b>
Municipal parks/recreation areas (mean)	3.6	3.5	3.6
County parks/recreation areas (mean)	3.6	3.5	3.5
State Parks (mean)	3.8	3.9	3.9
State Forests (mean)	3.8	3.8	3.8
State Game Lands (mean)	3.6	3.7	3.8
Federal parks/forests/recreation areas (mean)	3.5	3.6	3.6
Private/commercial recreation areas (mean)	3.6	3.4	3.5

13. What types of programs would you like to see offered in your area?

<b>Type of Program</b>	<b>Post Boomers (Under 44)</b>	<b>Boomers (44-62)</b>	<b>Pre Boomers (Older than 63)</b>
Activity skills	18.6 %	15.2%	8.8%
Arts and crafts	14.0%	9.9%	8.0%
Environmental education	23.7%	20.3%	11.4%
Before and after school	27.3%	19.6%	12.3%
Pre-school	14.4%	9.3%	8.1%
Fitness	31.9%	29.7%	18.6%
Senior	13.5%	24%	40.8%
Other	6.8%	5.8%	4.3%

17. In your opinion, to what extent does your outdoor recreation participation result in any of the following health benefits for you?

Type of benefits	Post Boomers (Under 44)	Boomers (44-62)	Pre Boomers (Older than 63)
Reduced stress	4.5	4.4	4.1
Improved level of physical fitness	4.3	4.2	4.1
Improved physical health	4.3	4.3	4.1
Improved mental health	4.4	4.3	4.1
Reduced anxiety	4.3	4.1	4.0
Enhanced family interaction	4.1	3.8	3.6
Other	4.5	3.2	3.7

18. Do you walk or ride a bike in your neighborhood?

Type of benefits	Post Boomers (Under 44)	Boomers (44-62)	Pre Boomers (Older than 63)
Responded Yes (%)	79.5%	72.0%	61.6%

21. Please answer each item on a scale of 1 - 5 where 1 indicates Strongly Disagree and 5 indicates Strongly Agree.

	Post Boomers (Under 44)	Boomers (44-62)	Pre Boomers (Older than 63)
a. Open space near where I live is threatened by development.	3.7	3.7	3.5
b. There is not enough protected open space near where I live.	3.7	3.6	3.6
c. I would be more likely to use a trail if it was within easy walking distance from where I live.	4.4	4.2	4.0
d. My community is a safe and easy place to walk.	3.6	3.6	3.5
e. It is important that greenways/trails connect neighborhoods with schools, shopping areas, parks, and open spaces.	4.1	4.0	3.9
f. Public recreation areas near where I live are well maintained.	3.6	3.7	3.9
g. Public recreation areas near where I live are inadequately policed.	3.0	3.0	3.1
h. The general environmental quality of public recreation areas near where I live is good.	3.6	3.7	3.8
i. Streams and rivers near where I live are in poor condition.	2.9	2.8	2.8
j. I do my part to conserve our natural resources.	4.0	4.1	4.3
k. I do not have the necessary knowledge and resources to make wise choices to protect the environment.	2.2	2.3	2.6
l. My individual actions make no difference in conserving the environment.	1.7	1.7	1.9
m. It is important for citizens to play a role in conserving our lands and waters.	4.5	4.6	4.7

	<b>Post Boomers (Under 44)</b>	<b>Boomers (44-62)</b>	<b>Pre Boomers (Older than 63)</b>
n. The Commonwealth of Pennsylvania is doing enough to plan for the future of our natural resources.	2.5	2.6	2.8
o. My local government is doing enough to plan for the future of our natural resources.	2.3	2.5	2.7
p. Local waterways for boating and fishing opportunities are inaccessible near where I live.	2.4	2.6	2.6
q. There are enough public recreation areas close to where I live.	3.0	3.1	3.1
r. Public recreation areas and programs near where I live are accessible to people with disabilities.	3.2	3.5	3.4
s. Public transportation to recreation areas near where I live is inadequate.	3.4	3.5	3.7
t. Maintaining the public recreation areas we now have is not as important as adding new parks in Pennsylvania.	2.1	2.1	2.4
u. I need more information about the availability of recreation areas and opportunities.	3.6	3.4	3.3
v. The Commonwealth of Pennsylvania provides enough information about recreation opportunities at State Parks and Forests.	2.7	3.1	3.3
w. Municipalities in my area should join together to form a parks and recreation department.	3.8	3.9	3.8
x. The availability of local recreation programs reduces youth crime.	4.1	4.2	4.3
y. Parks and natural areas decrease the value of nearby properties.	1.5	1.5	1.7
z. Greenways and trails increase the value of nearby properties.	4.3	4.4	4.2
aa. My municipality should have a permanent source of funding for park and recreation opportunities based on general tax revenues.	3.9	3.9	3.9
bb. The State needs to increase its permanent source of funding for park and recreation opportunities based on general tax revenues.	3.8	3.9	3.8
cc. The Commonwealth of Pennsylvania should do more to increase awareness of rivers conservation and reconnecting communities to the riverfront.	4.1	4.1	4.1

22. How important to you are each of the following priorities for funding recreation and conservation programs?

	<b>Post Boomers (Under 44)</b>	<b>Boomers (44-62)</b>	<b>Pre Boomers (Older than 63)</b>
a. Acquire and protect open space (as undeveloped recreation land)	4.0	4.1	4.0
b. Acquire additional land and water areas for developed recreation	3.8	3.7	3.8
c. Maintain existing park and recreation areas	4.5	4.5	4.4
d. Provide environmental and conservation programs	4.1	4.0	4.0
e. Provide recreation programs at parks and recreation areas	4.1	4.0	3.9
f. Protect wildlife habitat and conserve wild resources	4.5	4.4	4.4
g. Build more greenways/trails	4.0	3.9	3.8
h. Restore damaged rivers and streams	4.4	4.4	4.3
i. Provide information on recreation opportunities	4.1	3.9	3.9
j. Assist local government with open space and recreation plans	4.0	4.0	3.9
k. Assist local government in creating park and recreation departments	3.9	3.9	3.8
l. Build pedestrian and cycling paths between places of work, schools, and shopping areas	4.0	3.9	3.7
m. Other	4.4	4.4	3.9



## Gender Comparisons

1. During an average week, how many hours do you usually spend on recreational activities away from your home?

Gender	Male	Female
Indoor hours away from home (mean)	4.5	4.6
Outdoor hours away from home (mean)	6.5	5.2

2. How many times have you or anyone in your household visited public outdoor recreation areas (such as local, state, and national parks, forests and similar areas)?

In Pennsylvania	Male	Female
In the last 3 months (mean)	6.4	6.2
In the last 12 months (mean)	20.7	19.9
Out of State		
In the last 3 months (mean)	1.4	1.0
In the last 12 months (mean)	4.1	3.2

3. About what percentage of your recreational activities away from home take place at the following types of areas?

Recreation Areas	Male	Female
Local/municipal areas (%)	25.1%	34.6%
County areas (%)	13.2%	14.3%
State parks, forests, game lands, or other areas (%)	29.1%	24.4%
Federal parks, forests, and recreation areas (%)	8.5%	6.6%
Private/Commercial areas (%)	17.3%	14.4%
Other (%)	6.9%	5.7%

4. Over the next five years, do you expect your recreational activity to increase, decrease, or remain about the same?

Indoor	Male	Female
Decrease (%)	8.0%	7.1%
Stay about the same (%)	72.2%	66.2%
Increase (%)	19.8%	26.8%
Outdoor		
Decrease (%)	15.0%	10.6%
Stay about the same (%)	55.8%	56.8%
Increase (%)	30.4%	31.2%

5. What benefits does your household receive from participating in outdoor recreation activities?

Benefits	Male	Female
Health (%)	51.9%	55.7%
Nature (%)	18.0%	21.9%
Social (%)	20.1%	23.8%
Relaxation (%)	16.1%	13.2%
Activities (%)	7.1%	6.0%
Fun (%)	8.0%	9.6%
Knowledge and Education (%)	4.2%	3.0%
Financial (%)	3.8%	.7%
Other Benefits (%)	2.1%	3.0%

6. What are the most important reasons keeping you from participating in outdoor recreation activities as often as you would like?

Constraints	Male	Female
Work and School (%)	32.9%	25.1%
Time (%)	23.0%	23.8%
Health (%)	14.6%	17.7%
Weather and Seasonal (%)	11.0%	13.7%
Financial (%)	7.9%	10.2%
Social (%)	6.4%	9.0%
Facilities and Services (%)	3.7%	4.2%
Location and Distance (%)	4.3%	4.3%
Intrapersonal (%)	2.6%	3.3%
Safety (%)	.3%	1.1%

<b>Question #7 Activities in the last 12 months. % of respondents reporting yes they participated</b>	<b>% Male Personal</b>	<b>% Male Household Member</b>	<b>% Female Personal</b>	<b>% Female Household Member</b>
Walking	82.4%	65.7%	85.2%	51.8%
Jogging	22.0%	19.9%	20.6%	18.6%
Hiking and Backpacking	18.7%	28.1%	15.7%	22.0%
Horseback Riding	5.2%	9.0%	6.8%	7.5%
Bicycling	29.4%	33.5%	21.3%	32.0%
Mountain Biking	11.7%	8.9%	6.5%	7.4%
Off-Road Motorcycling	3.0%	2.7%	1.4%	5.1%
ATV Riding	11.6%	9.4%	6.5%	10.0%
Four-Wheel Driving	10.8%	6.0%	5.2%	8.4%
Driving for Pleasure	54.2%	36.7%	50.8%	30.3%
Swimming	51.3%	44.6%	52.8%	44.6%
Fishing	33.6%	29.8%	14.1%	28.8%
Power Boating	16.6%	13.0%	8.3%	8.7%
Water skiing	4.9%	5.1%	2.0%	3.8%
Jetskiing	4.1%	3.7%	3.7%	4.8%
Sailing	5.2%	4.2%	4.2%	3.3%
Canoeing	15.9%	12.5%	11.0%	12.0%
Kayaking	10.1%	9.4%	9.1%	8.9%
Tubing	10.0%	12.1%	10.3%	12.8%
Rowing	5.5%	5.2%	5.2%	7.3%
Other non-motorized boating	4.5%	4.0%	4.2%	4.0%
Downhill Skiing/ Snowboarding	11.3%	14.7%	7.9%	15.5%
Sledding/Tubing	20.4%	24.7%	18.8%	22.9%
Cross-country Skiing	4.1%	2.9%	4.9%	4.1%
Ice Skating/Hockey	7.5%	9.6%	7.9%	13.7%
Snowmobiling	5.2%	4.5%	1.8%	4.7%
Snowshoeing	2.3%	1.1%	2.0%	2.1%
Ice Fishing	6.5%	2.4%	1.9%	4.0%
Skateboarding/Rollerblading	4.0%	12.4%	4.9%	16.3%
Handball/Racquetball	3.2%	3.1%	2.6%	8.0%
Tennis	12.1%	11.5%	9.9%	11.6%
Archery	14.7%	7.9%	2.8%	7.4%
Rifle/Handgun Shooting	33.8%	17.2%	6.1%	17.1%
Horseshoes	23.5%	12.1%	12.5%	14.7%
Golf	30.5%	15.4%	13.3%	19.9%
Disc Golf	2.7%	1.9%	1.5%	2.4%
Rock Climbing	3.5%	4.6%	2.6%	6.1%
Geocaching	2.0%	1.8%	2.6%	3.5%
Baseball	10.1%	12.7%	5.5%	14.2%
Softball	13.5%	11.1%	7.1%	10.8%
Basketball	13.9%	14.8%	6.5%	17.3%

<b>Question #7 Activities in the last 12 months. % of respondents reporting yes they participated (Continued)</b>	<b>% Male Personal</b>	<b>% Male Household Member</b>	<b>% Female Personal</b>	<b>% Female Household Member</b>
Soccer	7.8%	13.5%	3.5%	11.2%
Football	9.9%	10.3%	3.5%	17.9%
Volleyball	10.1%	10.7%	10.3%	12.0%
Hunting	22.6%	13.6%	3.6%	17.7%
Camping	18.5%	28.5%	15.7%	26.0%
Picnicking	51.7%	42.6%	61.5%	40.7%
Playground Use	27.5%	30.5%	36.3%	32.3%
Dog walking	31.2%	26.6%	34.4%	24.5%
Birding/Bird watching	29.9%	21.3%	31.9%	16.7%
Sky Diving/Hang Gliding	0.3%	1.4%	1.1%	2.1%
Visiting Historic Sites	55.1%	45.2%	52.1%	32.7%
Nature Study	21.5%	18.6%	21.0%	13.1%
Wildlife Viewing	47.3%	37.6%	39.3%	29.2%
Fish Viewing	16.3%	12.6%	10.3%	9.6%
Night Sky Viewing	34.0%	24.9%	36.7%	22.7%

9. Has the price of gasoline influenced your participation in outdoor recreation ?

	<b>Male</b>	<b>Female</b>
Responded Yes (%)	43.8%	49.5%

10. Have you cut back on expenses in other areas to continue your participation in outdoor recreation activities?

	<b>Male</b>	<b>Female</b>
Responded Yes (%)	18.2%	18.3%

<b>Question #11 Recreation Area and Facility Need. % of respondents reporting need for more facilities or improvement to facilities.</b>	<b>% Male Number</b>	<b>% Male Quality</b>	<b>% Female Number</b>	<b>% Female Quality</b>
Walking Paths	39.4%	27.1%	48.0%	33.2%
Jogging/Fitness Trails	39.2%	26.7%	49.6%	32.7%
Hiking and Backpacking Trails	40.3%	29.4%	53.7%	33.3%
Equestrian Trails	34.4%	26.3%	47.1%	35.9%
Bicycle Paths	51.8%	38.2%	58.4%	46.0%
Bike Lanes	65.7%	56.0%	73.0%	65.8%
Mountain Bike Trails	47.6%	33.7%	56.0%	39.2%
Off-Road Motorcycling Trails	38.6%	27.2%	46.7%	34.2%
ATV Trails	45.5%	34.0%	50.6%	34.2%
Four-Wheel Driving Trails	41.3%	31.5%	49.1%	34.8%
Scenic Drives/Byways	41.6%	33.6%	43.2%	34.7%
Indoor Pools	43.7%	31.4%	58.1%	44.6%
Outdoor Pools	37.5%	31.7%	52.2%	42.7%
Motorized Boating Areas Limited HP	29.1%	24.5%	35.3%	27.2%
Motorized Boating Areas Unlimited HP	28.6%	22.1%	32.8%	25.8%
Non-Motorized Boating Areas	32.6%	25.1%	38.7%	28.8%
Lake/Stream Swimming Area	45.3%	38.5%	50.8%	50.3%
Lake and River Access	45.1%	39.3%	43.9%	42.4%
Water Trails	41.7%	35.6%	49.2%	41.5%
Warmwater Fishing Areas	36.6%	33.7%	35.6%	27.5%
Coldwater Fishing Areas	33.8%	31.1%	31.9%	28.4%
Special Regulation Fishing Areas	30.3%	26.0%	31.5%	30.4%
Big Game Hunting Areas	43.7%	37.2%	29.8%	21.4%
Small Game Hunting Areas	49.0%	42.2%	29.7%	21.0%
Waterfowl Hunting Areas	42.8%	33.3%	23.4%	22.6%
Campgrounds with Hookups	42.6%	33.0%	49.8%	44.9%
Campgrounds w/out Hookup	39.5%	29.7%	44.5%	41.6%
Primitive Camping Areas	48.2%	35.8%	47.2%	42.5%
Rental Cabins	58.7%	44.8%	66.7%	46.8%
Nature Inns/Lodges	57.1%	41.1%	63.5%	43.5%
Picnic Areas	42.1%	38.1%	48.1%	36.6%
Playgrounds	34.4%	34.3%	46.0%	41.7%
Dog Parks	57.5%	47.8%	70.5%	55.0%
Skateboard/Rollerblade Areas	42.5%	33.3%	59.3%	46.4%
Handball/Racquetball Courts	39.6%	31.9%	45.8%	30.6%
Tennis Courts	33.5%	29.6%	42.6%	37.9%
Archery Ranges	55.5%	39.2%	45.9%	32.3%
Rifle/Handgun Ranges	56.9%	44.8%	39.6%	25.9%
Horseshoe Pits	48.4%	40.9%	49.0%	40.8%
Golf Courses	14.7%	15.5%	17.4%	14.4%

<b>Question #11 Recreation Area and Facility Need. % of respondents reporting need for more facilities or improvement to facilities (Continued)</b>	<b>% Male Number</b>	<b>% Female Quality</b>	<b>% Male Number</b>	<b>% Female Quality</b>
Disc Golf Courses	30.3%	23.9%	32.6%	23.3%
Rock Climbing Areas	42.7%	32.4%	56.9%	38.5%
Geocaching Areas	31.0%	24.0%	41.3%	30.2%
Baseball Fields	21.4%	27.2%	21.4%	21.0%
Softball Fields	23.1%	26.3%	25.0%	21.7%
Outdoor Basketball Courts	34.6%	33.1%	40.1%	32.6%
Indoor Basketball Courts	35.8%	27.4%	37.1%	24.4%
Soccer Fields	23.1%	24.0%	30.5%	26.6%
Football Fields	15.6%	17.1%	21.8%	19.4%
Volleyball Courts	40.6%	35.6%	50.0%	36.3%
Heritage/Historic Areas	38.2%	36.9%	40.4%	33.5%
Environmental Education Areas	53.7%	44.2%	58.2%	41.2%
Natural or Wild Areas	55.8%	45.5%	51.8%	37.8%
Wildlife Viewing Areas	57.6%	49.1%	62.4%	43.3%
Fish Viewing Areas	52.6%	44.4%	56.2%	40.9%
Downhill Skiing and Snowmobiling Areas	29.3%	27.6%	30.7%	24.4%
Sledding/Tubing Areas	47.1%	35.6%	45.3%	33.7%
Cross Country Ski Areas	39.5%	30.3%	38.6%	28.1%
Ice Rink	46.5%	34.6%	54.0%	37.0%
Snowmobile Trails	41.6%	33.8%	41.9%	27.2%
Snowshoeing Trails	34.0%	27.2%	39.6%	30.1%
Ice Fishing Areas	32.3%	24.5%	29.4%	24.1%

12. How satisfied are you with each of the following types of recreation areas and opportunities available to you in Pennsylvania?

<b>Recreation Areas</b>	<b>Male</b>	<b>Female</b>
Municipal parks/recreation areas (mean)	3.5	3.6
County parks/recreation areas (mean)	3.5	3.6
State Parks (mean)	3.8	3.9
State Forests (mean)	3.7	3.9
State Game Lands (mean)	3.6	3.8
Federal parks/forests/recreation areas (mean)	3.5	3.6
Private/commercial recreation areas (mean)	3.4	3.6

13. What types of programs would you like to see offered in your area?

Type of Program	Male	Female
Activity skills	13.9%	14%
Arts and crafts	8.1%	12.5%
Environmental education	17.2%	18.6%
Before and after school	16.4%	21.4%
Pre-school	9.3%	10.8%
Fitness	22.3%	31.3%
Senior	24.4%	29.2%
Other	5.6%	5.8%

17. In your opinion, to what extent does your outdoor recreation participation result in any of the following health benefits for you?

Type of benefits	Male	Female
Reduced stress	4.3	4.4
Improved level of physical fitness	4.1	4.3
Improved physical health	4.2	4.3
Improved mental health	4.2	4.3
Reduced anxiety	4.1	4.2
Enhanced family interaction	3.8	4.0
Other	3.6	3.8

18. Do you walk or ride a bike in your neighborhood?

Type of benefits	Male	Female
Responded Yes (%)	70.0%	72.2%

21. Please answer each item on a scale of 1 - 5 where 1 indicates Strongly Disagree and 5 indicates Strongly Agree.

	Male	Female
a. Open space near where I live is threatened by development.	3.6	3.7
b. There is not enough protected open space near where I live.	3.6	3.7
c. I would be more likely to use a trail if it was within easy walking distance from where I live.	4.1	4.3
d. My community is a safe and easy place to walk.	3.6	3.5
e. It is important that greenways/trails connect neighborhoods with schools, shopping areas, parks, and open spaces.	4.0	4.1
f. Public recreation areas near where I live are well maintained.	3.8	3.7
g. Public recreation areas near where I live are inadequately policed.	3.0	3.1
h. The general environmental quality of public recreation areas near where I live is good.	3.8	3.6
i. Streams and rivers near where I live are in poor condition.	2.8	2.9
j. I do my part to conserve our natural resources.	4.2	4.1
k. I do not have the necessary knowledge and resources to make wise choices to protect the environment.	2.3	2.4
l. My individual actions make no difference in conserving the environment.	1.8	1.7
m. It is important for citizens to play a role in conserving our lands and waters.	4.7	4.6
n. The Commonwealth of Pennsylvania is doing enough to plan for the future of our natural resources.	2.7	2.6
o. My local government is doing enough to plan for the future of our natural resources.	2.6	2.4
p. Local waterways for boating and fishing opportunities are inaccessible near where I live.	2.6	2.6
q. There are enough public recreation areas close to where I live.	3.2	2.9
r. Public recreation areas and programs near where I live are accessible to people with disabilities.	3.6	3.2
s. Public transportation to recreation areas near where I live is inadequate.	3.5	3.6
t. Maintaining the public recreation areas we now have is not as important as adding new parks in Pennsylvania.	2.2	2.1
u. I need more information about the availability of recreation areas and opportunities.	3.3	3.5
v. The Commonwealth of Pennsylvania provides enough information about recreation opportunities at State Parks and Forests.	3.1	2.9
w. Municipalities in my area should join together to form a parks and recreation department.	3.8	3.9
x. The availability of local recreation programs reduces youth crime.	4.1	4.3



	Male	Female
y. Parks and natural areas decrease the value of nearby properties.	1.5	1.6
z. Greenways and trails increase the value of nearby properties.	4.3	4.3
aa. My municipality should have a permanent source of funding for park and recreation opportunities based on general tax revenues.	3.8	4.0
bb. The State needs to increase its permanent source of funding for park and recreation opportunities based on general tax revenues.	3.8	3.9
cc. The Commonwealth of Pennsylvania should do more to increase awareness of rivers conservation and reconnecting communities to the riverfront.	4.0	4.1

22. How important to you are each of the following priorities for funding recreation and conservation programs?

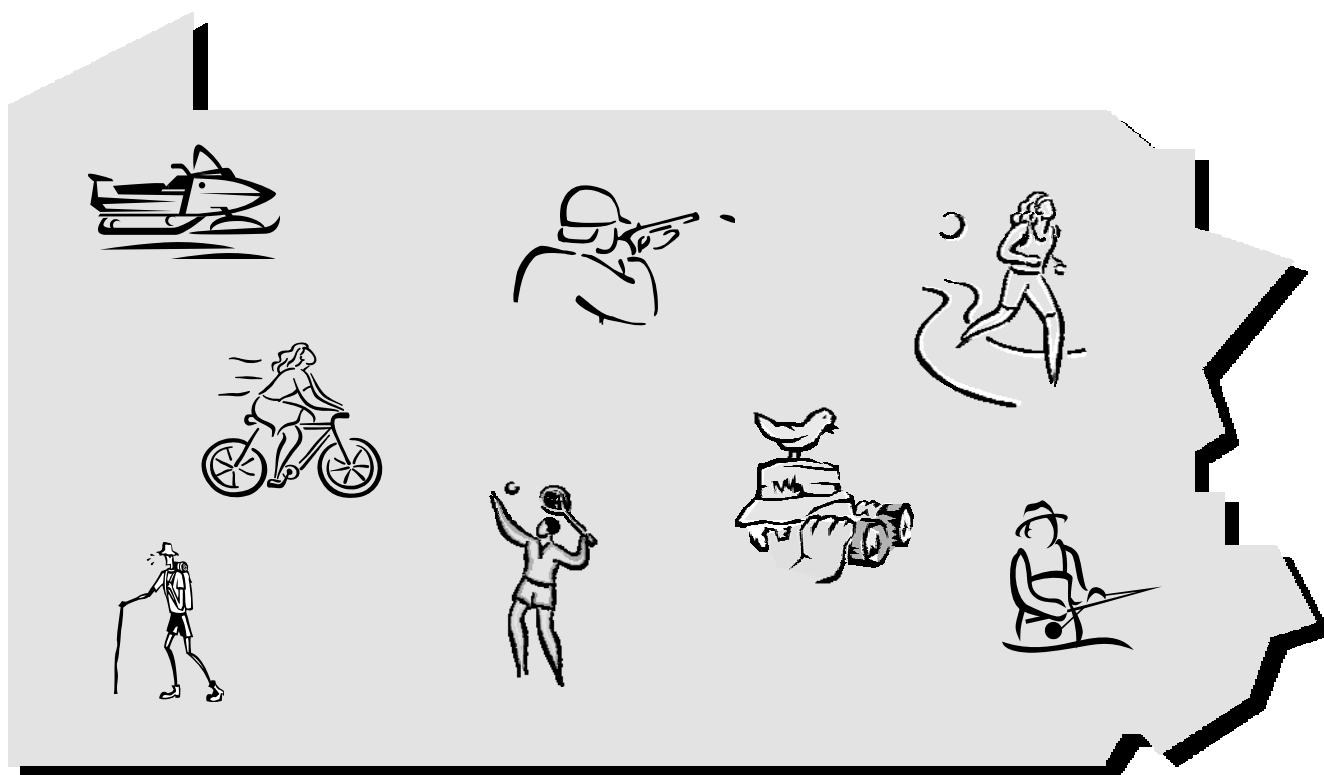
	Male	Female
a. Acquire and protect open space (as undeveloped recreation land)	4.0	4.1
b. Acquire additional land and water areas for developed recreation	3.8	3.7
c. Maintain existing park and recreation areas	4.4	4.5
d. Provide environmental and conservation programs	4.0	4.1
e. Provide recreation programs at parks and recreation areas	3.9	4.1
f. Protect wildlife habitat and conserve wild resources	4.3	4.4
g. Build more greenways/trails	3.8	4.0
h. Restore damaged rivers and streams	4.3	4.4
i. Provide information on recreation opportunities	3.8	4.1
j. Assist local government with open space and recreation plans	3.9	4.0
k. Assist local government in creating park and recreation departments	3.8	3.9
l. Build pedestrian and cycling paths between places of work, schools, and shopping areas	3.8	4.0
m. Other	4.1	4.5

**Appendix 5**

**Survey Instrument with Summary of Response**

# Outdoor Recreation in Pennsylvania

## Resident Survey



Your responses to this survey will help state and local officials better meet your recreation needs and interests.

Your participation is voluntary, but very important. Rest assured your answers will remain completely confidential.

If you wish to comment on any question, or provide additional information, please use the margins or a separate sheet of paper.

Please use the stamped and addressed envelope to return the questionnaire to:

Dr. Alan Graefe  
The Pennsylvania State University  
801 Donald H. Ford Building  
University Park, PA 16802

You can also complete this survey online.\* If you choose to do so, please go

to [dcnrsurvey.org](http://dcnrsurvey.org). Enter your survey number from the top of this page to begin the online questionnaire.

\*Your confidentiality will be kept to the degree permitted by the technology used. No guarantees can be made regarding the interception of data sent via the Internet by any third parties.

## Pennsylvania Resident Outdoor Recreation Survey

### Section 1: Overall Recreation Participation

1. During an average week, how many hours do you usually spend on recreational activities **away from your home**?

Indoor recreation: number of hours: 4.6 Outdoor recreation: number of hours: 5.8

2. How many times have you or anyone in your household visited **public outdoor recreation areas** (such as local, state, and national parks, forests and similar areas)?

In Pennsylvania	Out of State		
In the last 3 months	<u>6.3</u> number of times	<u>1.7</u> number of times	
In the last 12 months	<u>20.4</u> number of times	<u>3.7</u> number of times	

3. About what percentage of your recreational activities **away from home** take place at the following types of areas? Try to make this add up to 100%.

<u>29.5</u> % Local/municipal parks and recreation areas	0.1% Don't know
<u>13.7</u> % County parks and recreation areas	
<u>26.9</u> % State parks, forests, game lands, or other areas	
<u>7.6</u> % Federal parks, forests, and recreation areas	
<u>15.9</u> % Private/Commercial recreation areas	
<u>6.3</u> % Other (please specify _____)	
100%	



4. Over the next five years, do you expect your recreational activity to increase, decrease, or remain about the same?

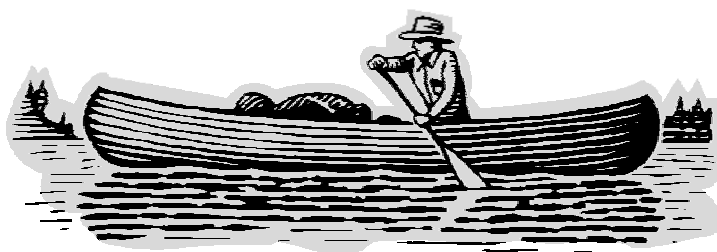
	Decrease	Stay About the Same	Increase	If changing, why?
Indoor	<u>7.6%</u>	<u>69.2%</u>	<u>23.3%</u>	_____
Outdoor	<u>12.8%</u>	<u>56.4%</u>	<u>30.6%</u>	_____

5. What benefits does your household receive from participating in outdoor recreation activities?

Health, being with others, family, friends, experience nature, knowledge and education, relaxation, activities, fun, financial, other.

6. What are the most important reasons keeping you from participating in outdoor recreation activities as often as you would like?

Time, work, school, other commitments, money, health, social constraints, weather, facility and service constraints, location and distance, intrapersonal constraints, safety.



7. We would like you to think about the outdoor recreation activities you took part in during the past 12 months. For the following groups of activities, please indicate if you or anyone in your household participated in each activity at least once during the past year. **(Please check all that apply.)**

<b>Trail/Street/Road Activities</b>	<b>Check if you participated during the past year</b>	<b>Check if others in your household participated during the past year</b>
Walking	<u>84%</u>	<u>58%</u>
Jogging	<u>21%</u>	<u>19%</u>
Hiking and Backpacking	<u>17%</u>	<u>15%</u>
Horseback Riding	<u>6%</u>	<u>8%</u>
Bicycling	<u>25%</u>	<u>24%</u>
Mountain Biking	<u>9%</u>	<u>8%</u>
Off-Road Motorcycling	<u>2%</u>	<u>4%</u>
ATV Riding	<u>9%</u>	<u>10%</u>
Four-Wheel Driving	<u>8%</u>	<u>7%</u>
Driving for Pleasure	<u>52%</u>	<u>47%</u>

<b>Water-based Activities</b>		
Swimming	<u>52%</u>	<u>45%</u>
Fishing	<u>24%</u>	<u>25%</u>
Power Boating	<u>12%</u>	<u>11%</u>
Water skiing	<u>3%</u>	<u>5%</u>
Jetskiing	<u>4%</u>	<u>4%</u>
Sailing	<u>5%</u>	<u>4%</u>

Canoeing	<u>13%</u>	<u>12%</u>
Kayaking	<u>10%</u>	<u>9%</u>
Tubing	<u>10%</u>	<u>13%</u>
Rowing	<u>5%</u>	<u>6%</u>
Other non-motorized boating	<u>4%</u>	<u>4 %</u>
Other:	<u>White water, wading, body surfing</u>	

<b>Winter Activities</b>		
Downhill Skiing/ Snowboarding	<u>10%</u>	<u>15%</u>
Sledding/Tubing	<u>20%</u>	<u>24%</u>
Cross-country Skiing	<u>5%</u>	<u>4%</u>
Ice Skating/Hockey	<u>8%</u>	<u>12%</u>
Snowmobiling	<u>4%</u>	<u>5%</u>
Snowshoeing	<u>2%</u>	<u>2%</u>
Ice Fishing	<u>4%</u>	<u>3%</u>
Other (specify_____)	<u>Igloo making</u>	

<b>Individual Sports</b>	<b>Check if you participated during the past year</b>	<b>Check if others in your household participated during the past year</b>
Skateboarding/ Rollerblading	<u>5%</u>	<u>14%</u>
Handball/Racquetball	<u>3%</u>	<u>6%</u>
Tennis	<u>11%</u>	<u>12%</u>
Archery	<u>9%</u>	<u>8%</u>
Rifle/Handgun Shooting	<u>20%</u>	<u>17%</u>
Horseshoes	<u>18%</u>	<u>13%</u>
Golf	<u>22%</u>	<u>18%</u>
Disc Golf	<u>2%</u>	<u>2%</u>
Rock Climbing	<u>3%</u>	<u>5%</u>
Geocaching	<u>2%</u>	<u>3%</u>

Other (specify\_\_\_\_\_)  
Badminton, beanbags, bocce, caving, croquet, dancing, martial arts, yoga

<b>Group Sports</b>		
Baseball	<u>8%</u>	<u>13%</u>
Softball	<u>10%</u>	<u>11%</u>
Basketball	<u>10%</u>	<u>16%</u>
Soccer	<u>6%</u>	<u>12%</u>
Football	<u>7%</u>	<u>14%</u>
Volleyball	<u>10%</u>	<u>11%</u>

Other (specify\_\_\_\_\_)  
Cheerleading, cricket, xc track, field hockey, lacrosse, Frisbee, kickball, rugby, wrestling

<b>Land-based Activities</b>		
Hunting	<u>13%</u>	<u>14%</u>
Camping	<u>17%</u>	<u>18%</u>
Picnicking	<u>57%</u>	<u>43%</u>
Playground Use	<u>32%</u>	<u>31%</u>
Dog walking	<u>33%</u>	<u>26%</u>

Other (specify\_\_\_\_\_)  
Amusement parks, gardening, rc planes, mushroom hunting, trapping

<b>Viewing/Learning Activities</b>		
Birding/Bird watching	<u>31%</u>	<u>19%</u>
Sky Diving/Hang Gliding	<u>1%</u>	<u>2%</u>
Visiting Historic Sites	<u>54%</u>	<u>39%</u>
Nature Study	<u>21%</u>	<u>16%</u>
Wildlife Viewing	<u>43%</u>	<u>33%</u>
Fish Viewing	<u>13%</u>	<u>11%</u>
Night Sky Viewing	<u>35%</u>	<u>24%</u>

Other (specify\_\_\_\_\_)  
Berry picking, campfires, flying, wine festivals

## Section 2: Your Favorite Outdoor Recreation Activities

8. Next we would like to ask you some more specific questions about your household's favorite outdoor recreation interests. For each of your favorite activities, please tell us:

	A	B	C	D	E	F
Activity (List up to 5 of your favorite activities or those of others in your household )	Number of respondents per activity	Days in past year	Normal traveling time (minutes)	Maximum traveling time (minutes)	Dollars spent on equipment for the activity	Dollars spent participating in the activity
Walking	920	128	21	123	50	46
Fishing	664	28	223	456	547	284
Camping	446	18	221	695	1993	536
Bicycling	412	49	46	100	353	100
Hiking and backpacking	386	28	75	278	102	178
Swimming	379	47	79	120	690	151
Hunting	362	21	68	265	424	263
Golf	282	37	37	271	368	927
Picnicking	169	13	43	108	133	84
Dog walking	157	208	16	47	33	27
Jogging/running	150	127	21	80	141	97
Boating	127	20	148	304	3545	522
Birding/bird watching	114	163	82	199	143	68
Downhill skiing/snowboarding	113	11	96	201	525	569
Driving for pleasure	108	58	647	820	4216	635
Visiting historic sites	107	11	235	868	37	449
Baseball	101	48	51	75	199	197

9a. Has the price of gasoline influenced your participation in outdoor recreation activities?

47% Yes 53% No

9b. If yes, please explain how your participation has been influenced.



10a. Have you cut back expenses in other areas to continue your participation in outdoor recreation activities?

18% Yes 82% No

10b. If yes, please explain what adjustments you have made.



### Section 3: Recreation Area and Facility Needs

11. How do you feel about the following recreational areas and facilities *near where you live*, in terms of both number and quality? Are they adequate or should they be increased or improved?

(Check all that apply. Skip area/facility if you have no opinion.)

Trail/Street/Road Facilities	% Responded	Number		Quality	
		Adequate	Should be Increased	Adequate	Should be Improved
Walking Paths	83%	56%	44%	70%	30%
Jogging/Fitness Trails	60%	56%	44%	71%	29%
Hiking and Backpacking Trails	53%	53%	47%	69%	31%
Equestrian Trails	30%	60%	40%	70%	30%
Bicycle Paths	61%	45%	55%	58%	42%
Bike Lanes	49%	31%	69%	40%	60%
Mountain Bike Trails	33%	49%	51%	64%	36%
Off-Road Motorcycling Trails	26%	58%	42%	70%	30%
ATV Trails	29%	52%	48%	66%	34%
Four-Wheel Driving Trails	27%	55%	45%	67%	33%
Scenic Drives/Byways	48%	58%	42%	66%	34%

Water-based Areas/Facilities	% Responded	Number		Quality	
		Adequate	Should be Increased	Adequate	Should be Improved
Indoor Pools	58%	49%	51%	62%	38%
Outdoor Pools	59%	55%	45%	63%	37%
Motorized boating areas – limited horsepower	38%	68%	32%	74%	26%
Motorized boating areas – unlimited horsepower	32%	70%	30%	77%	23%
Non-motorized boating areas	35%	65%	35%	74%	26%
Lake/Stream Swimming areas	44%	52%	48%	56%	44%
Lake and River Access	46%	55%	45%	59%	41%
Water Trails	29%	55%	45%	62%	38%
Warmwater fishing areas	38%	64%	36%	69%	31%
Coldwater fishing areas	35%	67%	33%	70%	30%
Special regulation fishing areas	31%	69%	31%	72%	28%

Land-based Areas/Facilities	% Responded	Number		Quality	
		Adequate	Should be Increased	Adequate	Should be Improved
Big-game hunting areas	39%	62%	38%	69%	31%
Small game hunting areas	37%	59%	41%	66%	34%
Waterfowl hunting areas	29%	65%	35%	71%	29%
Campgrounds with hookups	41%	54%	46%	62%	38%
Campgrounds without hookups	38%	58%	42%	65%	35%
Primitive camping areas	35%	52%	48%	61%	39%
Rental cabins	42%	38%	62%	54%	46%
Nature Inns/Lodges	37%	40%	60%	58%	42%
Picnic areas	62%	55%	45%	63%	37%
Playgrounds	56%	60%	40%	62%	38%
Dog Parks	45%	36%	64%	49%	51%

Individual Sports Facilities	% Responded	Number		Quality	
		Adequate	Should be Increased	Adequate	Should be Improved
Skateboarding/ Rollerblading Areas	36%	49%	51%	61%	39%
Handball/ Racquetball Courts	29%	58%	42%	69%	31%
Tennis Courts	40%	62%	38%	67%	33%
Archery Ranges	31%	49%	51%	64%	36%
Rifle/Handgun Ranges	37%	50%	50%	62%	38%
Horseshoe Pits	32%	51%	49%	59%	41%
Golf Courses	42%	84%	16%	85%	15%
Disc Golf Courses	23%	69%	31%	76%	24%
Rock Climbing Areas	26%	51%	49%	65%	35%
Geocaching Areas	22%	64%	36%	73%	27%

Group Sports Facilities	% Responded	Number		Quality	
		Adequate	Should be Increased	Adequate	Should be Improved
Baseball Fields	49%	79%	21%	76%	24%
Softball Fields	47%	76%	24%	76%	24%
Outdoor Basketball Courts	43%	63%	37%	67%	33%
Indoor Basketball Courts	38%	64%	36%	74%	26%
Soccer Fields	41%	74%	26%	75%	25%
Football Fields	40%	82%	18%	82%	18%
Volleyball Courts	37%	55%	45%	64%	36%

Viewing/Learning Areas/Facilities	% Responded	Number		Quality	
		Adequate	Should be Increased	Adequate	Should be Improved
Heritage/Historic Areas	62%	61%	39%	65%	35%
Environmental Education Areas	55%	44%	56%	57%	43%
Natural or Wild Areas	60%	46%	54%	58%	42%
Wildlife Viewing Areas	54%	40%	60%	53%	47%
Fish Viewing Areas	38%	46%	54%	57%	43%

Winter Sports Areas/Facilities	% Responded	Number		Quality	
		Adequate	Should be Increased	Adequate	Should be Improved
Downhill Skiing and Snowboarding Areas	39%	70%	30%	74%	26%
Sledding/Tubing Areas	42%	54%	46%	66%	34%
Cross-country Ski Areas	32%	61%	39%	71%	29%
Ice Rinks	43%	50%	50%	64%	36%
Snowmobile Trails	27%	58%	42%	69%	31%
Snowshoeing Trails	25%	64%	36%	72%	28%
Ice fishing areas	27%	69%	31%	76%	24%



12. How satisfied are you with the each of the following types of recreation areas and opportunities available to you in Pennsylvania?

	Very Unsatisfied (1)	(2)	(3)	(4)	Very Satisfied (5)	Mean
Municipal parks/recreation areas	7%	11%	27%	31%	24%	3.6
County parks/recreation areas	7%	11%	28%	32%	23%	3.5
State Parks	4%	7%	22%	36%	32%	3.8
State Forests	5%	6%	23%	35%	31%	3.8
State Game Lands	7%	10%	23%	31%	30%	3.7
Federal parks/forests/recreation areas	7%	11%	27%	32%	24%	3.6
Private/Commercial recreation areas	9%	10%	29%	30%	23%	3.5

13. What types of programs would you like to see offered in your area, and who should provide them?

%	Type of program	Who should provide them? (e.g., local parks and recreation department, state parks, private or non-profit organizations)
14%	Activity skills (specify _____)	_____
10%	Arts and crafts (specify _____)	_____
18%	Environmental education (list interests _____)	_____
19%	Before and after school programs	_____
10%	Pre-school programs	_____
27%	Fitness programs	_____
27%	Senior programs	_____
6%	Other (specify _____)	_____

14a. Are there any activities you did not participate in during the past year you would like to start doing?

Yes 34% No 66%

14b. If yes, please list the activity (ies) and what would help you participate in each activity? (For example, “a friend to do it with” or “facilities closer to home.”)

Activities

What would help?

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

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



15a. Are there any activities someone else in your household did not participate in during the past year they would like to start doing?

Yes 17% No 83%

15b. If yes, please list the activity (ies) and what would help them participate in each activity? (For example, “a friend to do it with” or “facilities closer to home.”)

Activities

Age of Participant

What would help?

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

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

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

## Section 4: Outdoor Recreation and Physical Activity

16. During a typical week, how many times on average, and for how long, do you participate in the following kinds of recreation activities in the outdoors?

Type or Level of Activity	Number of times per week (Means)	Number of minutes per week	
		At a park or on a trail	At other settings
a. Strenuous Activity (Heart Beats Rapidly)	2.8	79	124
b. Moderate Activity (Not Exhausting)	3.8	90	148
c. Light Activity (Minimal Effort)	4.3	65	126

17. In your opinion, to what extent does your outdoor recreation participation result in any of the following health benefits for you?

	Not at all (1)	(2)	(3)	(4)	A great deal (5)	Mean
Reduced stress	3	2	9	30	56	4.3
Improved level of physical fitness	3	3	13	34	47	4.2
Improved physical health	2	2	13	35	47	4.2
Improved mental health	3	3	11	33	51	4.3
Reduced anxiety	4	3	16	31	46	4.1
Enhanced family interaction	9	6	16	26	43	3.9
Other (please specify _____)	19	4	9	21	46	3.7

18. Do you walk or ride a bike in your neighborhood? 71% Yes 29% No

If yes, how many days per week do you walk or ride your bike:

a. for fun or fitness? Mean = 3.3 days per week

b. to work? Mean = 1.2 days per week

c. to shops, parks or other places in your community? Mean = 1.9 days per week



If no, what is the main reason you don't walk or bike in your neighborhood?

\_\_\_\_\_

19. What changes would you like to see made in your community for pedestrians or cyclists?

\_\_\_\_\_

20a. If you have school-aged children at home, how many days per week do they walk or ride their bikes to school?

Mean = 1.2 days per week 35% no school aged children at home (Please skip to next question.)

20b. Would you like your children to walk or take their bike to school more frequently?

46% Yes 54% No

20c. If yes, what is the most important barrier keeping them from walking or biking to school?



## Section 5: Perceptions of Impact of Outdoor Recreation and Conservation

*In the next set of questions, we would like to learn more about your attitudes regarding recreation and conservation.*

21. Please answer each item on a scale of 1 - 5 where 1 indicates Strongly Disagree and 5 indicates Strongly Agree.

<b>Open Space and Trails</b>	<b>Strongly Disagree</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>Strongly Agree</b>	<b>Mean</b>
a. Open space near where I live is threatened by development.	12%	12%	17%	19%	41%	3.6
b. There is not enough protected open space near where I live.	10%	12%	21%	21%	35%	3.6
c. I would be more likely to use a trail if it was within easy walking distance from where I live.	6%	6%	12%	17%	59%	4.2
d. My community is a safe and easy place to walk.	11%	13%	21%	22%	33%	3.6
e. It is important that greenways/trails connect neighborhoods with schools, shopping areas, parks, and open spaces.	5%	6%	18%	22%	49%	4.0
<b>Public Recreation Quality</b>	<b>Strongly Disagree</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>Strongly Agree</b>	<b>Mean</b>
f. Public recreation areas near where I live are well maintained.	5%	8%	24%	36%	27%	3.7
g. Public recreation areas near where I live are inadequately policed.	15%	21%	26%	23%	15%	3.0
h. The general environmental quality of public recreation areas near where I live is good.	4%	7%	26%	40%	22%	3.7
i. Streams and rivers near where I live are in poor condition.	16%	27%	29%	15%	13%	2.8
<b>My Role in Conservation</b>	<b>Strongly Disagree</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>Strongly Agree</b>	<b>Mean</b>
j. I do my part to conserve our natural resources.	1%	3%	19%	35%	42%	4.1
k. I do not have the necessary knowledge and resources to make wise choices to protect the environment.	32%	29%	20%	11%	8%	2.4
l. My individual actions make no difference in conserving the environment.	58%	22%	10%	5%	6%	1.8
m. It is important for citizens to play a role in conserving our lands and waters.	3%	2%	4%	15%	77%	4.6
n. The Commonwealth of Pennsylvania is doing enough to plan for the future of our natural resources.	18%	23%	40%	13%	6%	2.7
o. My local government is doing enough to plan for the future of our natural resources.	24%	26%	31%	13%	6%	2.5
<b>Public Recreation Availability</b>	<b>Strongly Disagree</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>Strongly Agree</b>	<b>Mean</b>
p. Local waterways for boating and fishing opportunities are inaccessible near where I live.	27%	26%	24%	12%	12%	2.6
q. There are enough public recreation areas close to where I live.	15%	17%	30%	23%	16%	3.1
r. Public recreation areas and programs near where I live are accessible to people with disabilities.	10%	13%	23%	32%	22%	3.4
s. Public transportation to recreation areas near where I live is inadequate.	13%	14%	15%	21%	37%	3.5
t. Maintaining the public recreation areas we now have is not as important as adding new parks in Pennsylvania.	40%	26%	18%	7%	9%	2.2
u. I need more information about the availability of recreation areas and opportunities.	12%	14%	23%	23%	28%	3.4
v. The Commonwealth of Pennsylvania provides enough information about recreation opportunities at State Parks and Forests.	13%	21%	32%	21%	14%	3.0
w. Municipalities in my area should join together to form a parks and recreation department.	7%	8%	22%	25%	39%	3.8
x. The availability of local recreation programs reduces youth crime.	3%	4%	11%	29%	52%	4.2

Parks and Recreation Policy	Strongly Disagree	(2)	(3)	(4)	Strongly Agree	Mean
y. Parks and natural areas decrease the value of nearby properties.	71%	17%	5%	2%	4%	1.5
z. Greenways and trails increase the value of nearby properties.	3%	3%	11%	26%	57%	4.3
aa. My municipality should have a permanent source of funding for park and recreation opportunities based on general tax revenues.	6%	5%	23%	28%	39%	3.9
bb. The State needs to increase its permanent source of funding for park and recreation opportunities based on general tax revenues.	6%	5%	23%	30%	36%	3.8
cc. The Commonwealth of Pennsylvania should do more to increase awareness of rivers conservation and reconnecting communities to the riverfront.	2%	4%	21%	32%	41%	4.1

22a. How important to you are each of the following priorities for funding recreation and conservation programs?

	Not at all Important	(2)	(3)	(4)	Extremely Important	Mean	Priority
a. Acquire and protect open space (as undeveloped recreation land)	3%	5%	20%	31%	41%	4.0	14%
b. Acquire additional land and water areas for developed recreation	5%	8%	27%	30%	30%	3.7	3%
c. Maintain existing park and recreation areas	1%	1%	8%	31%	59%	4.5	17%
d. Provide environmental and conservation programs	2%	5%	21%	34%	39%	4.0	3%
e. Provide recreation programs at parks and recreation areas	2%	5%	21%	36%	36%	4.0	3%
f. Protect wildlife habitat and conserve wild resources	1%	3%	11%	27%	58%	4.4	15%
g. Build more greenways/trails	3%	7%	24%	32%	34%	3.9	3%
h. Restore damaged rivers and streams	2%	2%	11%	29%	56%	4.4	9%
i. Provide information on recreation opportunities	2%	5%	25%	33%	36%	4.0	3%
j. Assist local government with open space and recreation plans	3%	4%	24%	34%	35%	4.0	1%
k. Assist local government in creating park and recreation departments	3%	6%	24%	35%	32%	3.9	1%
l. Build pedestrian and cycling paths between places of work, schools, and shopping areas	6%	8%	22%	24%	41%	3.9	7%
m. Other (please specify _____)	7%	3%	10%	16%	65%	4.3	1%

22b. From the list of funding priorities in the above question, which **one** do you consider the highest priority? See column above.

23. What sources of information does your household use to learn about outdoor recreation opportunities in PA? (Please check all that apply.)

<u>66%</u> Past participation	<u>28%</u> Visitor center/chamber of commerce	<u>54%</u> Newspaper/magazine articles
<u>72%</u> Friends/relatives/word of mouth	<u>7%</u> Telephone inquiry	<u>34%</u> Travel guide/tour book
<u>50%</u> Maps/brochures	<u>13%</u> E-mail inquiry	<u>2%</u> Written inquiry
<u>34%</u> Television/radio	<u>42%</u> Internet search (specify websites _____)	<u>3%</u> Other tourist site (specify _____)
<u>2%</u> Other (specify _____)		

24a. Have you been able to find all of the information you need to plan outdoor recreation activities from existing sources?

86% Yes      14% No

24b. If no, what additional information did you need?



## Section 6: Demographics

*Finally, we would like to ask you a few questions about yourself and your family. All information will be treated confidentially and will never be linked with your name.*

25. How would you describe where you live? 17% City 37% Suburb 19% Town 27% Rural Area

26. What was the highest grade of school you have completed? (please check one)

<u>2%</u> Grade School	<u>9%</u> Technical School	<u>26%</u> College Graduate
<u>23%</u> High School Graduate	<u>18%</u> Some College	<u>22%</u> Post Graduate

27. What is your current marital status? (check one answer)

<u>61%</u> Married	<u>13%</u> Divorced/Separated	<u>9%</u> Widowed
<u>5%</u> Living with a Partner	<u>12%</u> Never Married	

28a. Including yourself, how many people live in your household? Mean = 2.7 Number of people living in the household

28b. Please list the age of each member of your household.

\_\_\_\_\_

29. What is your gender? (check one answer) 50% Male 50% Female

30. Age? Mean = 55.2 years old

31a. Do you, or anyone in your household, have a physical disability that affects your ability to participate in outdoor recreation?

<u>14%</u> Yes, I have a disability	<u>9%</u> Yes, someone else in my household has a disability	<u>75%</u> No, no one in my household has a disability
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31b. If yes, what accommodations could be made to improve your ability to engage in outdoor recreation activities?

\_\_\_\_\_

32. Which of the following categories best describes your race and/or ethnic background? (check all that apply)

<u>91%</u> White	<u>2%</u> American Indian or Alaskan Native
<u>4%</u> Black or African American	<u>0.2%</u> Native Hawaiian or Other Pacific Islander
<u>1%</u> Asian	<u>2%</u> Other, specify _____

33. Are you Hispanic or Latino? 2% Yes 98% No

34. Into which income group would you say your household falls? (please check one)

<u>3%</u> Less than \$10,000	<u>22%</u> \$40,000 to \$59,999	<u>8%</u> \$100,000 to \$119,999
<u>8%</u> \$10,000 to \$19,999	<u>16%</u> \$60,000 to \$79,999	<u>4%</u> \$120,000 to \$139,999
<u>20%</u> \$20,000 to \$39,999	<u>11%</u> \$80,000 to \$99,999	<u>8%</u> \$140,000 or more

**Thank you for completing this survey. Please send it back to us in the postage-paid envelope provided.**