

## **Appendix A**

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**Table A-1. Outdoor Recreation Activities not Listed on Questionnaire or Information Card Booklet, by Annual Participation Rate and Choice as Favorites**

(Percentage of total sample)

Activity	Annual participation rate <sup>1</sup>	Chose activity as favorite <sup>2</sup>	Activity	Annual participation rate <sup>1</sup>	Chose activity as favorite <sup>2</sup>
Attend miscellaneous events not listed . . . . .	.2	.1	Sunbathing . . . . .	(x)	.5
Hang gliding, parachuting and other aircraft activities . . . . .	.2	.2	Skin diving, snorkeling, scuba diving . . . . .	.2	.2
Orienteering . . . . .	.0	.0	Rafting, tubing . . . . .	(x)	.1
Mountain climbing, rock climbing and caving . . . . .	.1	.2	Surfing . . . . .	.1	.2
Gathering and collecting activities . . . . .	.1	.1	Windsurfing . . . . .	.0	.0
Baseball . . . . .	.1	5.2	Gardening/yard work . . . . .	.8	4.2
Softball . . . . .	.1	5.5	Enjoying/being in yard/at home . . . . .	(x)	.1
Football . . . . .	.1	4.1	Enjoying the outdoors . . . . .	.1	.1
Basketball . . . . .	.1	4.6	Going to/enjoying parks . . . . .	.1	.9
Soccer . . . . .	.1	1.5	Going to/enjoying the cabin, summer place, etc. . . . .	.0	.0
Ice hockey . . . . .	(x)	.2	Traveling . . . . .	.0	.0
Volleyball . . . . .	.1	2.1	Other enjoying places/environments . . . . .	.2	.1
Other team sports . . . . .	.1	.5	Relaxing . . . . .	(x)	.0
Badminton . . . . .	.1	.8	Fitness/exercise activities not elsewhere classified . . . . .	(x)	.1
Frisbee-horseshoes . . . . .	.3	1.1	Coaching, officiating, instructing . . . . .	(x)	.2
Tag, hide-and-seek, other children's games . . . . .	(x)	.1	Motorcycling, motorbiking (on road or nonspecific), and all motor vehicle racing . . . . .	.1	1.1
Archery . . . . .	.0	.1	Miscellaneous outdoor recreation activities not elsewhere classified . . . . .	.3	.8
Target shooting . . . . .	.1	.4			
Raising/training/exhibiting animals . . . . .	.1	.2			
Roller skating, skateboarding . . . . .	.1	.5			
Unclassified skating . . . . .	.0	.2			
Unclassified games-sports . . . . .	(x)	.4			
Other games-sports . . . . .	.2	.7			

x Less than 0.05 percent.

<sup>1</sup>Percentage who said they participated once or more during the prior 12 months. As many as four unlisted activities per respondent were recorded.<sup>2</sup>Respondents were asked to name up to three activities that they "particularly enjoyed doing."

NOTE: Apparent discrepancies between the two columns result from question-order. The example of baseball will illustrate. Before the activity list was introduced, respondents were asked to name the activities they "particularly enjoyed doing." Baseball was cited by 5.2 percent of them. After extensive exposure to the list, the respondents were asked to name any other outdoor recreation activities they had taken part in during the prior 12 months. Few (0.1 percent) named baseball since they had already cited any baseball participation under "outdoor team sports."

**Table A-2. Preferences for Allocating National Park Operating Costs**(Percentage choosing each of five cost breakdowns<sup>1</sup>)

Respondent characteristic	All from visitor, nothing from taxes	3/4 (\$3.75) from visitor, rest from taxes	1/2 (\$2.50) from visitor, rest from taxes	1/4 (1.25) from visitor, rest from taxes	Nothing from visitor, all from taxes	No opinion
<b>Number of national parks ever visited</b>						
None . . . . .	25	14	26	7	8	21
1 to 4 . . . . .	31	17	32	8	6	7
5 to 9 . . . . .	34	21	33	6	3	3
10 or more . . . . .	31	21	35	7	5	3
<b>Likelihood of visiting a national park</b>						
Very likely in next 12 months . . . . .	29	20	33	8	6	4
Less likely in next 12 months but very likely in the next 3 years . . . . .	27	22	36	8	3	3
Somewhat likely in the next 3 years . . . . .	30	21	33	6	6	4
Not very likely in the next 3 years . . . . .	28	8	24	6	9	25
Total sample . . . . .	28	16	30	7	7	12

<sup>1</sup>Percentage of respondents aged 16 or older who preferred each of five allocations of an assumed five dollar per visit operating cost between visitor charges and taxes.

**Table A-3. Respondent Views on Operating Costs of National Park Campgrounds**

(Percentage of respondents aged 16 or older who preferred each of three ways of allocating the costs of operating national park campgrounds)

Respondent characteristic	Visitor fees	Taxes	Visitor fees and taxes	No opinion and other <sup>1</sup>
<b>Number of national parks ever visited</b>				
None . . . . .	38	25	22	15
1 to 4 . . . . .	47	20	30	3
5 to 9 . . . . .	53	17	29	1
10 or more . . . . .	51	19	28	1
<b>Likelihood of visiting a national park</b>				
Very likely in next 12 months . . . . .	49	22	28	2
Less likely in next 12 months but very likely in next 3 years . . . . .	49	22	27	2
Somewhat likely in next 3 years . . . . .	46	23	29	2
Not very likely in next 3 years . . . . .	39	20	23	18
Total sample . . . . .	44	22	26	8

<sup>1</sup>Includes approximately one percent who offered the view that campgrounds should not be provided in national parks.**Table A-4. Respondent Views on How to Cover Costs of Special Talks and Exhibits in National Parks**

(Percentage of respondents aged 16 or older who preferred each of three ways of allocating the costs of special talks and exhibits in national parks)

Respondent characteristic	Visitor fees	Taxes	Visitor fees and taxes	No opinion and other <sup>1</sup>
<b>Number of national parks ever visited</b>				
None . . . . .	39	25	19	17
1 to 4 . . . . .	45	26	23	6
5 to 9 . . . . .	44	29	24	3
10 or more . . . . .	38	34	26	2
<b>Likelihood of visiting a national park</b>				
Very likely in next 12 months . . . . .	46	28	23	3
Less likely in next 12 months but very likely in next 3 years . . . . .	41	31	25	3
Somewhat likely in next 3 years . . . . .	45	30	22	4
Not very likely in next 3 years . . . . .	37	23	19	21
Total sample . . . . .	41	27	22	10

<sup>1</sup>Includes approximately one percent who offered the view that special talks and exhibits should not be provided in national parks.

**Table A-5. Respondent Views on How to Cover Costs of Reservation Systems in National Parks**

(Percentage of respondents aged 16 or older who preferred each of three ways of allocating the costs of operating advance reservation systems for camping and other activities in national parks)

Respondent characteristic	Visitor fees	Taxes	Visitor fees and taxes	No opinion and other <sup>1</sup>
Number of national parks ever visited				
None . . . . .	42	22	19	17
1 to 4 . . . . .	55	18	22	5
5 to 9 . . . . .	58	18	20	3
10 or more . . . . .	58	16	21	5
Likelihood of visiting a national park				
Very likely in next 12 months . . . . .	58	20	19	4
Less likely in next 12 months but very likely in next 3 years . . . . .	56	19	22	3
Somewhat likely in next 3 years . . . . .	49	24	23	4
Not very likely in next 3 years . . . . .	44	17	18	21
Total sample . . . . .	50	20	20	10

<sup>1</sup>Includes approximately one percent who offered the view that advance reservation systems for camping and other activities should not be provided in national parks.**Table A-6. Respondent Views on How to Cover Costs of Rides on Buses or Other Ways of Getting Around in National Parks**

(Percentage of respondents aged 16 or older who preferred each of three ways of allocating the costs of buses and other public transportation systems)

Respondent characteristic	Visitor fees	Taxes	Visitor fees and taxes	No opinion and other <sup>1</sup>
Number of national parks ever visited				
None . . . . .	54	16	15	15
1 to 4 . . . . .	65	14	18	4
5 to 9 . . . . .	67	12	18	3
10 or more . . . . .	69	13	17	2
Likelihood of visiting a national park				
Very likely in next 12 months . . . . .	66	15	18	2
Less likely in next 12 months but very likely in next 3 years . . . . .	65	14	18	2
Somewhat likely in next 3 years . . . . .	64	16	18	3
Not very likely in next 3 years . . . . .	55	13	14	18
Total sample . . . . .	61	14	17	9

<sup>1</sup>Includes approximately one percent who offered the view that rides on buses or other ways of getting around the park should not be provided.

**Table A-7. Preference Rankings for “Turning People Away Who Come After a Limit of People are in Park” to Reduce Overcrowding in National Parks**

(Percentage of respondents 16 years old or older selecting each ranking)

Respondent characteristic	First choice	Second choice	Third choice	Fourth choice	Unacceptable	No opinion
Number of national parks ever visited						
None .....	7	11	27	34	17	4
1 to 4 .....	7	14	31	41	6	1
5 to 9 .....	7	16	28	42	7	1
10 or more .....	7	15	36	36	6	(x)
Likelihood of visiting a national park						
Very likely in next 12 months .....	8	15	29	40	6	(x)
Less likely in next 12 months but very likely in next 3 years .....	5	14	34	42	5	1
Somewhat likely in next 3 years .....	7	13	32	41	6	1
Not very likely in next 3 years .....	7	11	26	34	20	3
Total sample .....	7	13	29	38	11	2

x less than one half of one percent.

**Table A-8. Preference Rankings for “Letting People Apply in Advance Then Drawing Names” to Allocate Reservations as a Means of Reducing Overcrowding in National Parks**

(Percentage of respondents 16 years old or older selecting each ranking)

Respondent characteristic	First choice	Second choice	Third choice	Fourth choice	Unacceptable	No opinion
Number of national parks ever visited						
None .....	11	38	21	10	16	4
1 to 4 .....	11	47	23	12	6	1
5 to 9 .....	9	42	29	14	6	x
10 or more .....	12	43	24	14	7	1
Likelihood of visiting a national park						
Very likely in next 12 months .....	11	40	30	13	6	(x)
Less likely in next 12 months but very likely in next 3 years .....	9	48	24	13	5	1
Somewhat likely in next 3 years .....	11	48	22	12	6	1
Not very likely in next 3 years .....	11	37	21	9	19	3
Total sample .....	11	42	23	12	11	2

x Less than one half of one percent.

**Table A-9. Preference Rankings for “Taking Reservations on a First-Come, First-Serve Basis” to Reduce Overcrowding in National Parks**

(Percentage of respondents 16 years old or older selecting each ranking)

Respondent characteristic	First choice	Second choice	Third choice	Fourth choice	Unacceptable	No opinion
Number of national parks ever visited						
None .....	58	16	6	2	15	4
1 to 4 .....	72	18	4	1	4	1
5 to 9 .....	71	19	4	1	4	1
10 or more .....	71	19	4	1	4	1
Likelihood of visiting a national park						
Very likely in next 12 months .....	68	22	5	1	4	(x)
Less likely in next 12 months but very likely in next 3 years .....	77	15	4	1	3	1
Somewhat likely in next 3 years .....	71	17	5	2	5	1
Not very likely in next 3 years .....	56	18	5	1	17	3
Total sample .....	65	18	5	1	9	2

x Less than one half of one percent.

**Table A-10. Preference Rankings for “Charging an Extra 5 Dollars Per Adult Visitor” to Reduce Overcrowding in National Parks**

(Percentage of respondents 16 years old or older selecting each ranking)

Respondent characteristic	First choice	Second choice	Third choice	Fourth choice	Unacceptable	No opinion
Number of national parks ever visited						
None .....	6	15	26	33	17	4
1 to 4 .....	7	15	33	38	7	1
5 to 9 .....	9	16	31	36	7	1
10 or more .....	7	17	28	39	8	2
Likelihood of visiting a national park						
Very likely in next 12 months .....	8	17	30	38	6	1
Less likely in next 12 months but very likely in next 3 years .....	6	18	33	38	5	1
Somewhat likely in next 3 years .....	6	16	33	37	6	1
Not very likely in next 3 years .....	6	13	25	32	20	4
Total sample .....	7	15	29	36	11	2

**Table A-11. Time Expenditure Changes for Outdoor Recreation: Present Compared With 2 Years Earlier**

(Percentage of respondents age 16 and older)

Demographic characteristic	Spending more time	Spending less time	Spending same time	Demographic characteristic	Spending more time	Spending less time	Spending same time
Total sample . . . . .	18	33	48	Family size			
Sex				1 . . . . .	12	34	54
Male . . . . .	19	33	48	2 . . . . .	16	33	52
Female . . . . .	18	34	49	3 . . . . .	19	37	45
Age				4 . . . . .	22	33	45
16 to 24 . . . . .	25	37	39	5 or more . . . . .	23	31	46
25 to 39 . . . . .	24	34	42	Residence			
40 to 59 . . . . .	14	31	56	SMSA <sup>1</sup> , center city . . . . .	18	34	48
60 or more . . . . .	8	34	58	SMSA, not center city . . . . .	20	33	47
Race				Not SMSA . . . . .	16	33	50
White . . . . .	19	33	49	Work hours per week			
Black . . . . .	15	37	48	0 . . . . .	18	32	50
Other . . . . .	25	40	36	1 to 20 . . . . .	25	27	48
Education				21 to 39 . . . . .	18	37	46
0 to 11 years . . . . .	5	32	63	40 . . . . .	18	33	49
12 to 15 years . . . . .	18	35	48	41 or more . . . . .	19	35	45
16 or more years . . . . .	23	33	44	Activity participation			
Annual income (dollars)				No activities . . . . .	1	29	70
Less than 10,000 . . . . .	13	37	50	1 to 5 activities . . . . .	12	37	51
10,000 to 14,999 . . . . .	15	37	48	6 to 10 activities . . . . .	22	36	43
15,000 to 24,999 . . . . .	19	33	48	11 to 15 activities . . . . .	27	29	43
25,000 to 49,999 . . . . .	24	29	47	16 to 20 activities . . . . .	41	22	36
50,000 or more . . . . .	28	24	49	Over 20 activities . . . . .	46	15	40
Marital status				Region			
Single, never married . . . . .	24	33	43	Northeast . . . . .	19	31	48
Single, formerly married . . . . .	13	36	52	North Central . . . . .	19	30	50
Married . . . . .	18	33	49	South . . . . .	15	36	47
				West . . . . .	21	34	45

<sup>1</sup>Standard Metropolitan Statistical Area.

**Table A-12. Estimated Time Expenditure Changes in Outdoor Recreation For Next 2 Years**

(Percentage of respondents 16 years or older)

Demographic characteristic	Will spend more time	Will spend less time	Will spend same time	Demographic characteristic	Will spend more time	Will spend less time	Will spend same time
Total sample	37	9	53	Family size			
Sex				1	23	16	61
Male	36	9	54	2	32	10	58
Female	38	9	52	3	43	7	50
Age				4	46	7	47
16 to 24	40	12	48	5 or more	41	8	51
25 to 39	49	4	46	Residence			
40 to 59	36	6	58	SMSA <sup>1</sup> , center city	39	9	51
60 or more	16	19	65	SMSA, not center city	40	9	52
Race				Not SMSA	33	10	57
White	38	9	54	Work hours per week			
Black	36	12	52	0	30	13	57
Other	44	13	43	1 to 20	44	12	44
Education				21 to 39	43	6	51
0 to 11 years	14	16	70	40	42	5	53
12 to 15 years	36	10	54	41 or more	45	6	49
16 or more years	45	7	48	Activity participation			
Annual income (dollars)				No activities	10	15	75
Less than 10,000	25	16	59	1 to 5 activities	32	12	57
10,000 to 14,999	35	11	54	6 to 10 activities	47	6	47
15,000 to 24,999	40	7	52	11 to 15 activities	50	6	44
25,000 to 50,000	45	7	48	16 to 20 activities	39	10	51
50,000 or more	44	3	53	Over 20 activities	47	8	45
Marital status				Region			
Single, never married	38	11	50	Northeast	33	10	50
Single, formerly married	30	14	57	North Central	36	8	51
Married	39	7	54	South	34	9	51
				West	41	7	48

<sup>1</sup>Standard Metropolitan Statistical Area.

**Table A-13. Reasons For Spending More Time in Outdoor Recreation**

(Percentage of respondents 16 years and older citing each reason)

Reasons <sup>2</sup>	Spending more time compared to 2 years prior to survey	Will spend more time 2 years after survey	Reasons <sup>2</sup>	Spending more time compared to 2 years prior to survey	Will spend more time 2 years after survey
Work/school-related changes . . . . .	13.1	16.4	Health-related changes . . . . .	7.0	8.4
Working more/less . . . . .	2.9	4.6	Good/better health . . . . .	.9	2.7
Getting/having a job . . . . .	.4	.9	Poor/worse health . . . . .	.2	.0
Unemployed . . . . .	2.7	.9	To improve health . . . . .	4.5	3.5
Retired . . . . .	4.0	5.5	To reduce stress . . . . .	1.1	1.8
Entering/in school . . . . .	.3	.2	Other health changes . . . . .	.3	.4
Leaving school . . . . .	1.6	2.8	Equipment/transportation-related changes . . . . .	6.3	2.4
Other work/school changes . . . . .	1.2	1.5	Have more equipment . . . . .	3.2	1.6
Family-related changes . . . . .	18.0	25.9	Have less equipment . . . . .	.1	.0
Family responsibilities . . . . .	.6	.9	Gain automobile . . . . .	1.3	.4
Marriage . . . . .	.9	.8	Gain other transportation . . . . .	.5	.1
Loss of spouse . . . . .	.4	.2	Other equipment/transportation changes . . . . .	1.2	.3
Child care responsibilities . . . . .	.5	.6	Resource access-related changes . . . . .	5.6	2.1
Increasing age of children . . . . .	13.2	19.7	Gain of a yard . . . . .	.1	.2
No children at home . . . . .	.8	1.2	More opportunity . . . . .	1.4	.4
Spouse's schedule . . . . .	.7	1.1	Resource characteristics . . . . .	.2	.1
Dependent's health . . . . .	.0	.4	Gain park access . . . . .	.5	.2
Other family changes . . . . .	.9	1.0	Gain second home . . . . .	.3	.1
Lifestyle-related changes . . . . .	29.3	19.7	Other resource access changes . . . . .	3.1	1.1
Getting older/aging . . . . .	1.9	.9	Money/time-related changes . . . . .	20.1	24.8
Doing more . . . . .	3.6	2.2	More/enough income . . . . .	2.8	5.1
Moving . . . . .	1.2	1.8	Less/insufficient income . . . . .	.4	.2
Travel . . . . .	.7	1.2	Inflation . . . . .	.3	.2
Gain companion . . . . .	5.0	2.0	More/enough time . . . . .	13.4	10.2
Like specific activity . . . . .	7.6	7.6	Less/insufficient time . . . . .	.2	.1
Competition with nonrecreation activities . . . . .	1.0	1.1	Schedule more time . . . . .	2.8	8.7
Change in recreation behavior . . . . .	6.1	1.8	Other money/time changes . . . . .	.2	.3
Other lifestyle changes . . . . .	2.2	1.1	Don't know . . . . .	.5	.5

<sup>1</sup>16 years and older.<sup>2</sup>Codes were developed from responses to open-ended questions number 6b and 6d.

**Table A-14. Reasons for Spending Less Time for Outdoor Recreation**

(Percentage of respondents 16 years and older citing each reason)

Reasons <sup>1</sup>	Spending less time compared to 2 years prior to survey	Will spend less time 2 years after survey	Reasons <sup>1</sup>	Spending less time compared to 2 years prior to survey	Will spend less time 2 years after survey
Work/school-related changes . . . . .	26.0	24.8	Health-related changes . . . . .	13.1	18.3
Working more/less . . . . .	9.3	4.6	Poor/worse health . . . . .	7.4	8.8
Getting/having a job . . . . .	10.5	10.9	Other health changes . . . . .	5.7	9.5
Unemployed . . . . .	.5	.0	Equipment/transportation-		
Retired . . . . .	.3	.0	related changes . . . . .	2.3	1.5
Entering/in school . . . . .	2.6	4.6	Have less equipment . . . . .	.3	.2
Leaving school . . . . .	.3	.5	Poor equipment condition . . . . .	.1	.0
Working and in school . . . . .	1.8	3.7	Loss of automobile . . . . .	.4	.1
Other school/work changes . . . . .	.7	.5	Loss of other transportation . . . . .	.4	.3
Family-related changes . . . . .	13.9	7.8	Other equipment/transportation		
Family responsibilities . . . . .	1.3	.2	changes . . . . .	1.1	.9
Marriage . . . . .	1.0	.9	Resource access-related changes . . . . .	3.2	2.1
Loss of spouse . . . . .	.6	.3	Loss of a yard . . . . .	.1	.0
Child care responsibilities . . . . .	6.0	2.3	Less opportunity . . . . .	.5	.2
Increasing age of children . . . . .	.5	.8	Resource characteristics . . . . .	.8	.7
No children at home . . . . .	1.0	.6	Resource restraints . . . . .	.4	.7
Spouse's schedule . . . . .	1.1	.1	Loss of park access . . . . .	.1	.0
Dependent's health . . . . .	2.1	2.0	Other resource/access changes . . . . .	1.3	.5
Other family changes . . . . .	.3	.6	Money/time-related changes . . . . .	22.6	12.8
Lifestyle-related changes . . . . .	17.6	32.0	Less/insufficient money . . . . .	4.8	2.9
Getting older/aging . . . . .	6.4	21.3	Inflation . . . . .	1.8	2.9
Doing less . . . . .	.5	.6	Competing demands for money . . . . .	.1	.9
Moving . . . . .	.8	.9	More/enough time . . . . .	.2	.0
Travel . . . . .	.4	.0	Less/insufficient time . . . . .	15.4	5.6
Loss of companion . . . . .	1.3	.9	Schedule less time . . . . .	.2	.0
Dislike specific activity . . . . .	2.1	3.5	Other money/time changes . . . . .	.1	.5
Competition with nonrecreation			Don't know . . . . .	.9	.9
activities . . . . .	4.4	3.4			
Change in recreation behavior . . . . .	.6	.8			
Other lifestyle changes . . . . .	1.1	.6			

<sup>1</sup>Codes were developed from responses to open-ended questions number 6b and 6d.

**Table A-15. Reasons Given for Spending a Smaller Percentage of Income for Outdoor Recreation**(Percentage of respondents citing each reason<sup>1</sup>)

Reason <sup>2</sup>	Spending smaller percentage of income compared to 2 yrs. prior survey	Will spend smaller percentage of income 2 years after survey	Reason <sup>2</sup>	Spending smaller percentage of income compared to 2 yrs. prior survey	Will spend smaller percentage of income 2 years after survey
Work/school-related changes . . . . .	5.3	6.9	Health-related changes . . . . .	4.3	1.8
Working more/less . . . . .	1.9	.5	Good/better health . . . . .	.1	.2
Getting/having a job . . . . .	.8	1.6	Poor/worse health . . . . .	2.6	1.1
Unemployed . . . . .	1.8	.7	Other health changes . . . . .	1.7	.5
Retired . . . . .	.0	.9	Equipment/transportation-related changes . . . . .	8.8	33.5
Entering/in school . . . . .	.4	2.9	Have more equipment . . . . .	.6	.7
Leaving school . . . . .	.0	.3	Have less equipment . . . . .	6.7	30.1
Working and in school . . . . .	.1	.0	Poor equipment condition . . . . .	.7	.9
Other work/school changes . . . . .	.3	.0	Loss of automobile . . . . .	.1	.0
Family-related changes . . . . .	7.8	7.5	Loss of other transportation . . . . .	.2	.6
Family responsibilities . . . . .	1.1	.2	Other equipment/transportation changes . . . . .	.5	1.2
Marriage . . . . .	.6	.5	Resource access-related changes . . . . .	3.5	.9
Loss of spouse . . . . .	.8	.5	Loss of a yard . . . . .	.5	.0
Child care responsibilities . . . . .	3.4	1.7	Less opportunity . . . . .	.9	.0
Increasing age of children . . . . .	.6	.9	Resource restraints . . . . .	.2	.0
No children at home . . . . .	.2	3.0	Loss of park access . . . . .	.2	.0
Spouse's schedule . . . . .	.2	.2	Loss of second home . . . . .	.3	.2
Dependent's health . . . . .	.7	.5	Other resource access changes . . . . .	1.4	.7
Other family changes . . . . .	.2	.0	Money/time-related changes . . . . .	45.0	28.7
Lifestyle-related changes . . . . .	24.6	20.4	More/enough income . . . . .	3.8	5.2
Getting older/aging . . . . .	.5	5.0	Less/insufficient income . . . . .	14.9	4.7
Doing less . . . . .	16.0	9.4	Inflation . . . . .	8.3	9.1
Moving . . . . .	.7	.3	More competing demands for money . . . . .	1.2	2.0
Travel . . . . .	3.2	2.1	Less competing demands for money . . . . .	1.3	1.4
Loss of companion . . . . .	.7	.0	Less/insufficient time . . . . .	13.7	3.7
Dislike specific activity . . . . .	.2	.4	Schedule less time . . . . .	.1	.4
Competition with nonrecreation activities . . . . .	1.4	.7	Other time/money changes . . . . .	1.7	2.2
Change in recreation behavior . . . . .	1.9	1.6	Don't know . . . . .	.5	.0
Other lifestyle changes . . . . .	.0	.8			

<sup>1</sup>Percentage of respondents 16 years and older who said they spent money on outdoor recreation in 12 months prior to their interview.<sup>2</sup>Codes were developed from responses to open-ended questions number 6j and 6l.

**Table A-16. Reasons Given for Spending a Larger Percentage of Income on Outdoor Recreation**

(Percentage of respondents 16 years and older who said they spent money for outdoor recreation in the 12 months prior to their interview)

Reasons <sup>1</sup>	Spending a larger percentage of income compared to 2 years prior to survey	Will spend a larger percentage of income 2 years after survey	Reason <sup>1</sup>	Spending a larger percentage of income compared to 2 years prior to survey	Will spend a larger percentage of income 2 years after survey
Work/school-related changes . . . . .	2.2	3.6	Health-related changes—cont.		
Working more/less . . . . .	.2	.3	To improve health . . . . .	.0	.1
Getting/having a job . . . . .	.9	1.0	To reduce stress . . . . .	.0	.1
Unemployed . . . . .	.2	.0	Other health changes . . . . .	.1	.2
Retired . . . . .	.7	1.4	Equipment/transportation-related changes . . . . .	15.2	6.8
Entering/in school . . . . .	.0	.1	Have more equipment . . . . .	11.2	5.4
Leaving school . . . . .	.1	.7	Have less equipment . . . . .	.2	.0
Other work/school changes . . . . .	.1	.1	Poor equipment condition . . . . .	.2	.3
Family-related changes . . . . .	5.7	10.9	Gain automobile . . . . .	.3	.1
Family responsibilities . . . . .	.3	.2	Gain other transportation . . . . .	.2	.1
Marriage . . . . .	.4	.4	Other equipment/transportation changes . . . . .	3.1	.9
Loss of spouse . . . . .	.1	.0	Resource access-related changes . . . . .	2.2	1.1
Child care responsibilities . . . . .	.1	.1	Gain of a yard . . . . .	.1	.0
Increasing age of children . . . . .	3.8	8.5	More opportunity . . . . .	.5	.1
No children at home . . . . .	.4	.4	Resource restraints . . . . .	.6	.3
Spouse's schedule . . . . .	.0	.5	Other resource access changes . . . . .	1.0	.7
Dependent's health . . . . .	.0	.2	Money/time-related changes . . . . .	49.8	47.7
Other family changes . . . . .	.6	.6	More/enough income . . . . .	5.9	6.4
Lifestyle-related changes . . . . .	23.6	28.4	Less/insufficient income . . . . .	.7	.0
Getting older/aging . . . . .	.9	.3	Inflation . . . . .	38.8	31.4
Doing more . . . . .	11.7	18.9	More competing demands for money . . . . .	.1	.0
Moving . . . . .	.4	.3	Less competing demands for money . . . . .	.1	.7
Travel . . . . .	4.6	4.6	More/enough time . . . . .	2.2	6.3
Gain companion . . . . .	.3	.5	Less/insufficient time . . . . .	.1	.0
Like specific activity . . . . .	1.2	.9	Schedule more time . . . . .	.5	2.6
Competition with non-recreation activities . . . . .	.3	.4	Other money/time-related changes . . . . .	1.4	.3
Change in recreation behavior . . . . .	4.2	2.3	Don't know . . . . .	.4	.1
Other lifestyle changes . . . . .	.0	.2			
Health-related changes . . . . .	.8	1.4			
Good/better health . . . . .	.4	1.0			
Poor/worse health . . . . .	.3	.0			

<sup>1</sup>Codes were developed from responses to open-ended questions number 6j and 6l.

**Table A-17. Present Money Expenditures for Outdoor Recreation Compared With 2 Years Prior to Interview**

(Percentage of respondents 16 years and older who had spent money on outdoor recreation in past year)

Demographic characteristic	Spending larger percentage	Spending smaller percentage	Spending same percentage	Demographic Characteristic	Spending larger percentage	Spending smaller percentage	Spending same percentage
Total sample . . . . .	39	20	41	Family size			
Sex				1 . . . . .	36	22	43
Male . . . . .	40	20	40	2 . . . . .	39	18	43
Female . . . . .	39	20	42	3 . . . . .	37	21	42
Age				4 . . . . .	39	20	41
16 to 24 . . . . .	50	18	32	5 or more . . . . .	46	19	36
25 to 39 . . . . .	41	21	38	Residence			
40 to 59 . . . . .	33	19	48	SMSA <sup>1</sup> , center city . . . . .	39	19	42
60 or more . . . . .	29	20	51	SMSA, not center city . . . . .	40	21	39
Race				Not SMSA . . . . .	39	19	42
White . . . . .	40	20	41	Work hours per week			
Black . . . . .	37	16	48	0 . . . . .	38	20	42
Other . . . . .	49	21	30	1 to 20 . . . . .	44	13	43
Education				21 to 39 . . . . .	41	18	41
0 to 11 years . . . . .	35	14	51	40 . . . . .	40	20	41
12 to 15 years . . . . .	40	20	40	41 or more . . . . .	39	24	37
16 or more years . . . . .	40	20	40	Activity participation			
Annual income (dollars)				No activities . . . . .	32	19	49
Less than 10,000 . . . . .	37	21	43	1 to 5 activities . . . . .	30	22	48
10,000 to 14,999 . . . . .	37	21	42	6 to 10 activities . . . . .	39	19	42
15,000 to 24,999 . . . . .	38	19	43	11 to 15 activities . . . . .	42	20	38
25,000 to 49,999 . . . . .	45	18	37	16 to 20 activities . . . . .	55	20	25
50,000 or more . . . . .	37	19	44	Over 20 activities . . . . .	64	12	24
Marital status				Region			
Single, never married . . . . .	48	16	36	Northeast . . . . .	40	17	41
Single, formerly married . . . . .	35	20	44	North central . . . . .	41	20	38
Married . . . . .	37	21	42	South . . . . .	39	19	41
				West . . . . .	36	22	41

<sup>1</sup>Standard Metropolitan Statistical Area.

**Table A-18. Estimated Changes in Money Expenditures for Outdoor Recreation During Next 2 Years**

(Percentage of respondents 16 years and older who had spent money on outdoor recreation in past year)

Demographic characteristic	Will spend larger percentage	Will spend smaller percentage	Will spend same percentage	Demographic characteristic	Will spend larger percentage	Will spend smaller percentage	Will spend same percentage
Total sample . . . . .	46	10	45	Family size			
Sex				1 . . . . .	38	15	47
Male . . . . .	44	10	46	2 . . . . .	39	11	50
Female . . . . .	47	9	44	3 . . . . .	47	9	45
Age				4 . . . . .	51	9	41
16 to 24 . . . . .	53	10	37	5 or more . . . . .	52	7	41
25 to 39 . . . . .	50	9	41	Residence			
40 to 59 . . . . .	41	8	51	SMSA <sup>1</sup> , center city . . . . .	52	8	40
60 or more . . . . .	27	12	60	SMSA, not center city . . . . .	46	10	44
Race				Not SMSA . . . . .	41	10	49
White . . . . .	44	10	46	Work hours per week			
Black . . . . .	58	9	33	0 . . . . .	43	10	47
Other . . . . .	53	10	37	1 to 20 . . . . .	51	10	40
Education				21 to 39 . . . . .	48	11	41
0 to 11 years . . . . .	32	9	59	40 . . . . .	46	8	46
12 to 15 years . . . . .	46	10	44	41 or more . . . . .	46	9	45
16 or more years . . . . .	47	9	45	Activity participation			
Annual income (dollars)				No activities . . . . .	28	12	61
Less than 10,000 . . . . .	45	12	43	1 to 5 activities . . . . .	39	10	52
10,000 to 14,999 . . . . .	40	11	49	6 to 10 activities . . . . .	47	9	44
15,000 to 24,999 . . . . .	48	9	43	11 to 15 activities . . . . .	51	9	40
25,000 to 49,999 . . . . .	47	10	44	16 to 20 activities . . . . .	50	13	37
50,000 or more . . . . .	40	6	54	Over 20 activities . . . . .	39	19	42
Marital status				Region			
Single, never married . . . . .	52	10	38	Northeast . . . . .	42	8	44
Single, formerly married . . . . .	41	12	47	North Central . . . . .	44	10	42
Married . . . . .	44	9	47	South . . . . .	44	9	42
				West . . . . .	44	9	44

<sup>1</sup>Standard Metropolitan Statistical Area.