



Amenity Preferences of Older Adults

Prepared for Boulder County Parks and Open Space

CONTENTS

- Executive Summary 1**
- Introduction 1
- Key Findings 2
 - Open Space Use and Satisfaction..... 2
 - Barriers to Accessing Open Space 2
 - Amenity Preferences 2
 - Trail Feature Preferences..... 3
 - Trail Management..... 3
 - Support for Use Of Open Space..... 4
- Methodology 5**
- Detailed Research Findings 7**
- Participant Demographics..... 7
- Visitation Frequency 8
- Opinions and Preferences of Open Space Users..... 9
 - Visitation and Activities..... 9
 - Current and Future Satisfaction 12
 - General Amenity Preferences 14
 - Trail Feature Preferences..... 16
 - Trail Management Preferences 20
 - Fishing Preferences 24
- Barriers to Accessing Open Space..... 25
- Support for Use of Open Space 27
- Appendix A: Analysis Tables and Open-Ended Responses 30**
- Appendix B: Survey Instrument..... 53**

RECREATION AMENITY PREFERENCES AND BARRIERS

A SURVEY OF OLDER ADULTS IN BOULDER COUNTY

EXECUTIVE SUMMARY

INTRODUCTION

Outdoor recreation amenities such as picnic shelters, restrooms, and trails are integral to open space access, and they facilitate visitors' recreation experiences. For various reasons, older adults may hold opinions towards outdoor recreation amenities that differ from the rest of the population. Older adults may also perceive barriers that inhibit them from accessing open space. Boulder County Parks and Open Space (BCPOS) granted [Corona Insights](#), a Denver-based market research and strategic consulting firm, with funding and resources necessary to research older adults' preferences for outdoor amenities and their perceived barriers to recreating on open space.

This study's results can readily inform resource planners, landscape architects, operation supervisors, and other BCPOS staff about what amenities are preferred by this population.

KEY FINDINGS

OPEN SPACE USE AND SATISFACTION

- **Most seniors use open space at least occasionally.** Over 70 percent of Boulder County seniors have visited an open space area during the past year. *Exhibit 2*
- **Age appears to be correlated to the frequency of visitation to open space.** Younger-seniors (age 65 to 74) were twice as likely to have visited open space very often as older-seniors (75 or older); conversely, a smaller proportion of younger-seniors never visited open space. *Exhibit 2*
- **Enjoyment of recreating on open space is very high.** Ninety-eight percent of seniors who visited an open space in the last year reported that their most recent visit to open space was either very or somewhat enjoyable. Both younger and older seniors equally indicated that their most recent trip was enjoyable. *Exhibit 6*
- **Activities change with age.** While hiking and walking are by far the most common activities among seniors in open space regardless of age, other activity patterns change with age. Younger-seniors are more likely to participate in biking, running, photography, and dog walking while older-seniors are more likely to watch wildlife and picnic. *Exhibit 5*

BARRIERS TO ACCESSING OPEN SPACE

- **Visiting open space is something most seniors want to do.** Seniors who visited open space in the past year, even if only occasionally, are very likely to want to visit again within the next year. Of those who did not visit open space last year, about one-third want to visit this year and about one-third are unsure. *Exhibit 20*
- **Most seniors were unable to provide specific suggestions of what would make visiting open space more appealing or what would make it easier to visit open space.** Seniors cited health and physical ability as barriers to visiting open space, but did not consistently mention lack of transportation as a barrier.

AMENITY PREFERENCES

We asked seniors who had visited an open space in the past year about amenities, trail features, and trail management at those open spaces.

- **Most seniors believe there are an appropriate number of bathrooms, benches, brochures, and signs and maps at open space areas.** A vast majority of seniors think there are appropriate number of signs and maps. More than half of seniors believe there are an appropriate number of brochures, but about one-quarter of respondents indicated they do not know if there are enough brochures. *Exhibit 8*

- ➔ **Bathrooms were the amenity most often mentioned as lacking on open space, followed by benches and picnic tables.** Increasing the number of bathrooms and picnic tables could significantly improve the recreation experience of these visitors. This finding should not overshadow the fact that a majority of seniors believe there are enough bathrooms and benches on open space. *Exhibit 8*
- ➔ **Satisfaction with the amount of amenities appears to be related to specific properties or land management agencies.** Seniors who most recently visited a Boulder County property were more likely to indicate there were an appropriate number of bathrooms and an appropriate number of benches and picnic tables than those who most recently visited a property managed by a different land management agency. *Exhibit 9*
- ➔ **Seniors mentioned that amenities such as bathrooms, better parking, picnic tables, signs, and grills would improve their next visit.** Amenities were suggested as a potential improvement by 15 percent of respondents, which is a higher proportion than other suggested improvements, but much lower than the 50 percent of respondents who could not suggest any action that would make their next open space visit more enjoyable. The point above notes that this may be an issue more for other land managers than for Boulder County. *Exhibit: 7*

TRAIL FEATURE PREFERENCES

- ➔ **Most seniors prefer trails made of dirt, trails that are wide enough for two people to travel side-by-side, and trails that are between one and three miles long.** Trails made of crushed rock, trails wide enough for three people to travel side-by-side, and trails longer than three miles were the second most preferred trail features. *Exhibits 10, 11 and 12*
- ➔ **Younger-seniors are much more likely than older-seniors to prefer trails that are longer than three miles.** Older-seniors are more likely than younger-seniors to prefer trails shorter than one mile. *Exhibit 14*
- ➔ **Trail length preference appears to be related to frequency of visitation.** As visitation frequency increases, so does preference for longer trails. *Exhibit 13*

TRAIL MANAGEMENT

- ➔ **Seniors hold strong opinions about trail management regarding bicycles.** Not allowing bicycles on trails would increase the enjoyment of a majority of seniors. Decreasing biker speed would increase trail enjoyment more than ordering bikers to travel in one direction, and decreasing biker speed produces almost as much benefit as not allowing bicycles at all. Bicycle management would increase the enjoyment of female visitors more than male visitors. *Exhibit 14 and Exhibit 17*
- ➔ **Bicycle policy and management would increase the trail enjoyment of more older-seniors than younger-seniors.** The difference between the two age groups is greatest in regards to not allowing bicycles and is narrowest regarding bikers traveling at slower speeds. *Exhibit 15*
- ➔ **Prohibiting dogs on trails is more likely to decrease trail enjoyment than increase enjoyment for seniors.** Opinions about not allowing dogs on trails differ by age and gender. Younger-seniors and males are more likely to say not allowing dogs would decrease their enjoyment. *Exhibit 16 and Exhibit 17*

SUPPORT FOR USE OF OPEN SPACE

- ➔ **A majority of seniors strongly supported using open space to maintain wildlife habitat and to provide outdoor recreation opportunities.** Seventy-percent of seniors either strongly or slightly supported using open space to support local agriculture, while 20 percent of respondents either slightly or strongly opposed this use. Four percent of seniors said they would not support using open space for any of the listed uses. *Exhibit 22 and Exhibit 23*
- ➔ **Support for open space use differed by gender but not by age.** Females are more likely than males to strongly support using open space to maintain wildlife habitat, while males are more likely than females to support using open space to provide outdoor recreation and to support local agriculture. Younger and older seniors held very similar opinions about how to use open space. *Exhibit 24*

METHODOLOGY

RESEARCH GOALS AND SURVEY DESIGN

Corona Insights collaborated with key staff from Boulder County Parks and Open Space (BCPOS) to develop the following research goals that were used to guide survey instrument design.

- ⇒ Quantify older adults' current satisfaction with open space recreation opportunities
- ⇒ Quantify older adults' participation in open space recreation activities
- ⇒ Quantify older adults' preferences for general amenities and trail use policies
- ⇒ Better understand the barriers that might prevent older adults' from accessing open space
- ⇒ Investigate if age relates to satisfaction, amenities, or trail management preferences
- ⇒ Collect a baseline of older adults' support for various open space uses

STUDY POPULATION AND SAMPLING

BCPOS defined the study population as Boulder County residents older than 64 years old. To gather feedback from this population, we planned to survey a sample of 200 adults age 65 and older via telephone, and analyze the data using statistics to generalize the results to the broader population of Boulder County seniors. We obtained a list of all Boulder County registered voters, and from this list we drew a random sample of residents who were 65 or older and who had a valid telephone number associated with their voter registration information. To avoid surveying two related people in the same household, we selected only one name per voter address on a random basis.

SAMPLE SIZE AND MARGIN OF ERROR

Two hundred telephone surveys were completed in June of 2013. In Table 1, we present the estimated margin of error, at a 95 percent confidence interval, based on the sample collected and the most current Boulder County population estimates released by the U.S. Census Bureau.

Results of some questions are segmented by key factors such as age category; the sample sizes producing these results are necessarily smaller than the aggregated results. Further, not all participants were asked or answered every question. As the sample size decreases, the margin of error increases, and results should be interpreted with this in mind.

Table 1: Estimated Margin of Percentage Point Error at a 95 Percent Confidence Interval

Segment	Sample Size	Margin of Error
All respondents	200	± 6.9
<i>65 to 74 years old</i>	<i>114</i>	<i>± 9.2</i>
<i>75 or older</i>	<i>81</i>	<i>± 10.9</i>

Note: five participants did not provide their age.

DATA WEIGHTING AND ANALYSIS

The raw results of public-opinion surveys tend to be inherently biased because a disproportionate number of survey participants are typically older and there tends to be a higher proportion of female respondents than seen in the general population. To correct for this bias and improve the accuracy of our estimates, we applied corrective weighting based on gender and two age categories (i.e., 65 to 74 years old and 75 years or older) using the most current population estimates released by the U.S. Census Bureau. Thus, our survey findings represent a more complex and more accurate analysis than would a mere tabulation of the raw data. The sample size we report in the demographics section and all analysis tables are based on these weighted data, and thus, differ slightly from the unweighted sample size reported in Table 1.

After weighting the data, we tabulated all closed-ended questions as aggregate and by key segments where sample size allowed. Segments were chosen based on their relevance to the research goals and contributions to the findings. We reviewed open-ended data and coded responses into similar categories where appropriate.

DETAILED RESEARCH FINDINGS

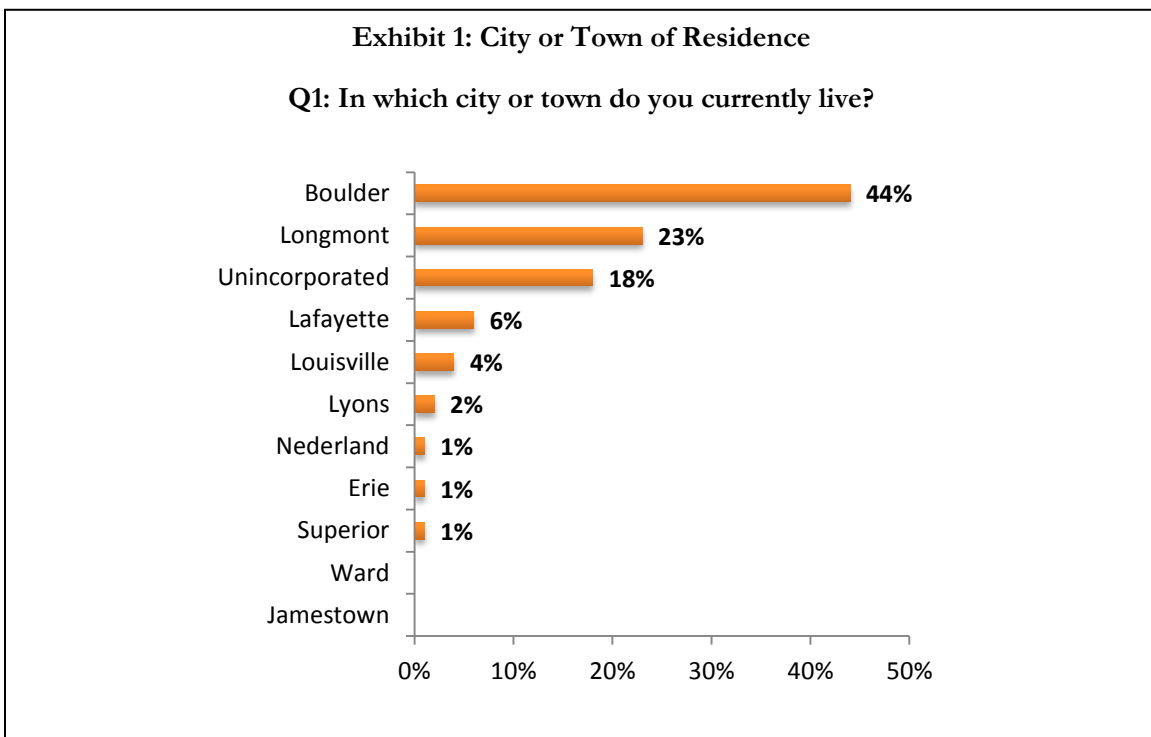
The following exhibits represent results from all respondents and key segments where specified. To improve readability, we occasionally removed value labels on graphs, typically for values smaller than four percent. Analysis tables and open-ended responses to all questions can be found in [Appendix A](#).

PARTICIPANT DEMOGRAPHICS

We present an overview of study participant demographics here as context for understanding the overall study findings.

Fifty-six percent of respondents were female and 44 percent were male. Fifty-nine percent of respondents were 65 to 74 years old and 41 percent were at least 75 years old. The average respondent was 74 years old and had lived in Boulder County for 35 years. Eighty-three percent of participants were retired and six percent were semi-retired.

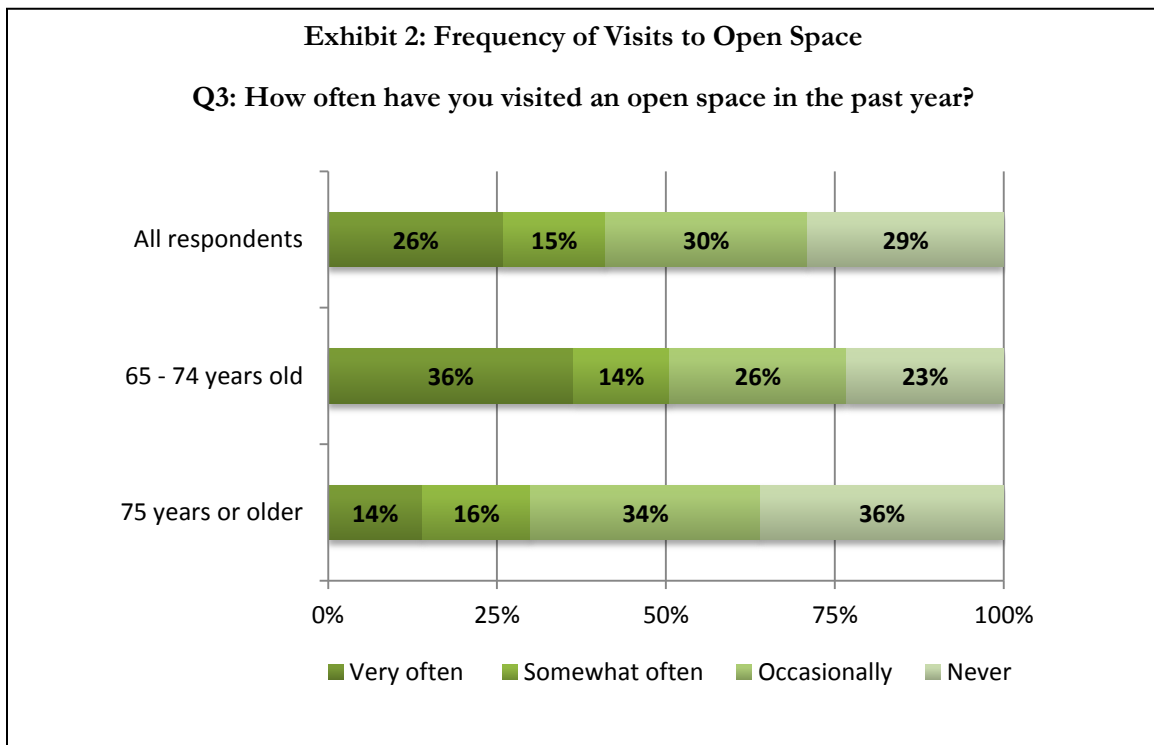
Most respondents currently live in Boulder, followed by Longmont and unincorporated Boulder County (Exhibit: 1). Zero Ward or Jamestown residents responded.



Detailed demographic tables can be found in [Appendix A](#).

VISITATION FREQUENCY

Forty-one percent of seniors visited open space very or somewhat often in the past year, while just fewer than 30 percent never visited open space within the past year (Exhibit: 2). Younger-seniors were more than twice as likely to have visited open space very often as older-seniors. Conversely, a smaller proportion of younger-seniors never visited open space in the past year compared to older-seniors. Twenty-three percent of younger-seniors did not visit open space in the past 12 months versus 36 percent of older-seniors.

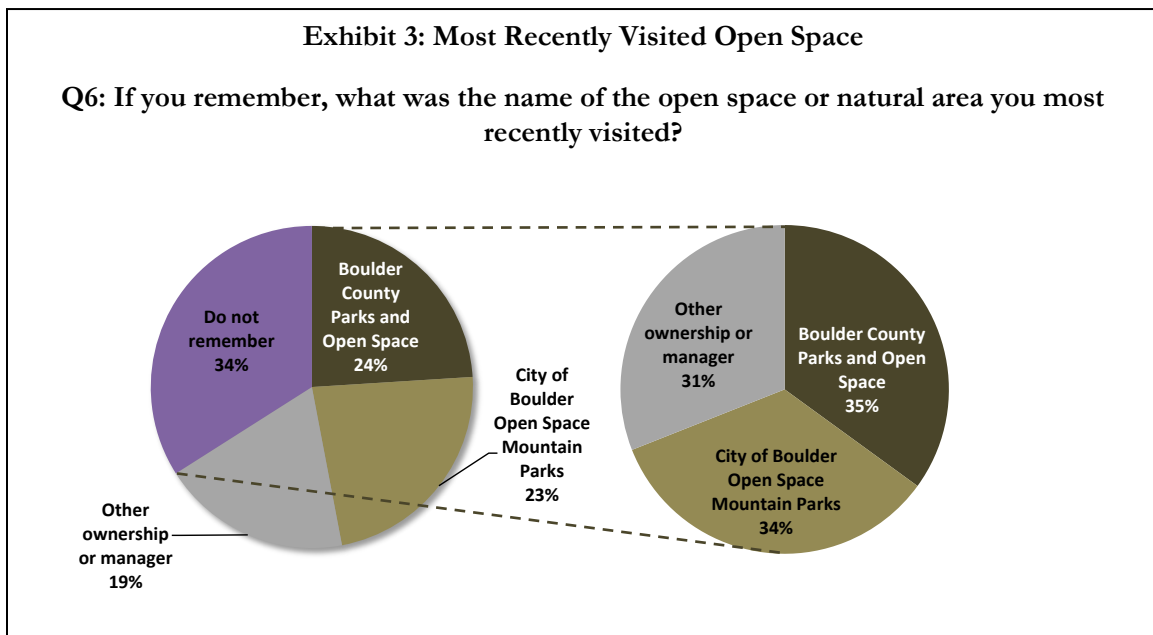


OPINIONS AND PREFERENCES OF OPEN SPACE USERS

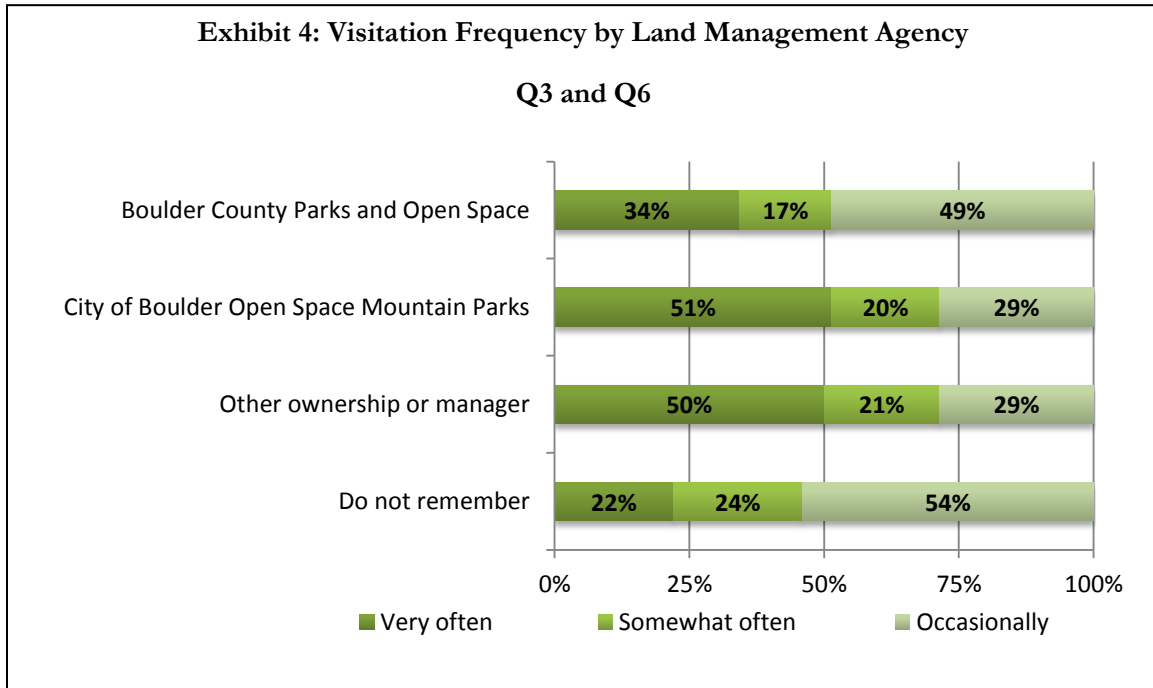
Participants who stated they never visited an open space in the past year were subsequently not asked about their open space use, satisfaction, or amenity preferences (i.e., Questions 4-22). Thus, Exhibit 3 through Exhibit 20 represents the responses of participants who had visited open space in the past year. We did ask all participants questions about barriers to accessing open space, their support or opposition to various purposes of open space, and demographic questions (i.e., Questions 1-3 and Questions 23-32).

VISITATION AND ACTIVITIES

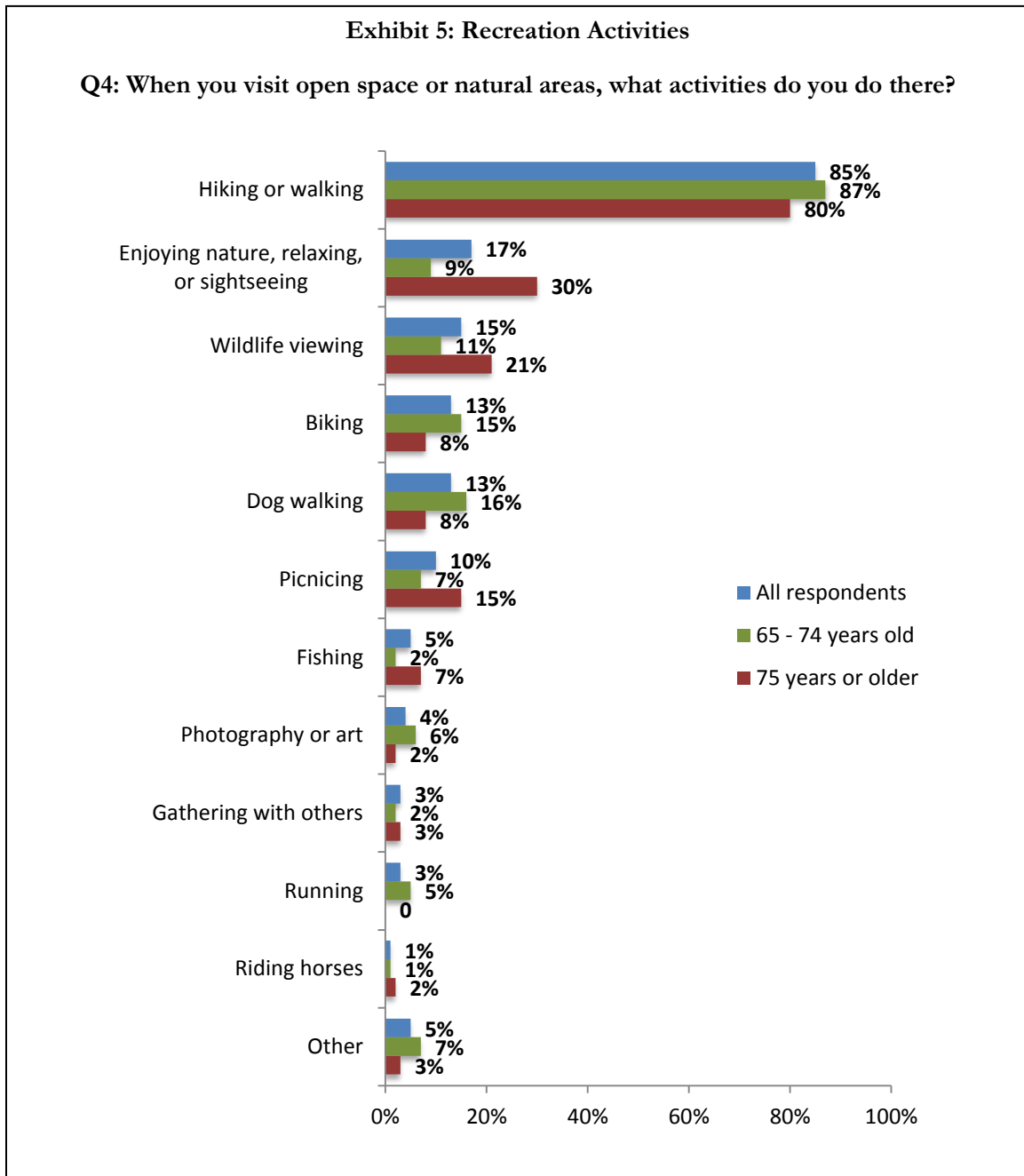
We asked participants if they could recall the name of the most recent open space they visited. This previous behavior measurement provides a snapshot of visitation patterns (Exhibit: 3). Two-thirds of participants remembered the name of the open space they most recently visited. Of these respondents, 35 percent mentioned the name of a Boulder County Parks and Open Space area, 34 percent mentioned a property managed by the City of Boulder Open Space and Mountain Parks, and 31 percent mentioned land managed by other agencies or private land. All open space area names can be found in [Appendix A](#).



Of the 35 seniors who mentioned they recalled most recently visiting a Boulder County Parks and Open Space area, about half of them mentioned they visit open space occasionally, and about one-third mentioned they visit open space very often. Of the 34 seniors who mentioned they recalled most recently visiting a City of Boulder Open Space and Mountain Parks area, about 30 percent mentioned they visit open space occasionally and about half mentioned they visit open space very often. Many factors may contribute to this result, including proximity of open space to residential areas and accuracy of participants' recall of open space area name. The small sample size limits our ability to generalize these results to the broader population, and further investigation is needed to understand better the relationship between visitation frequency and land ownership or manager.

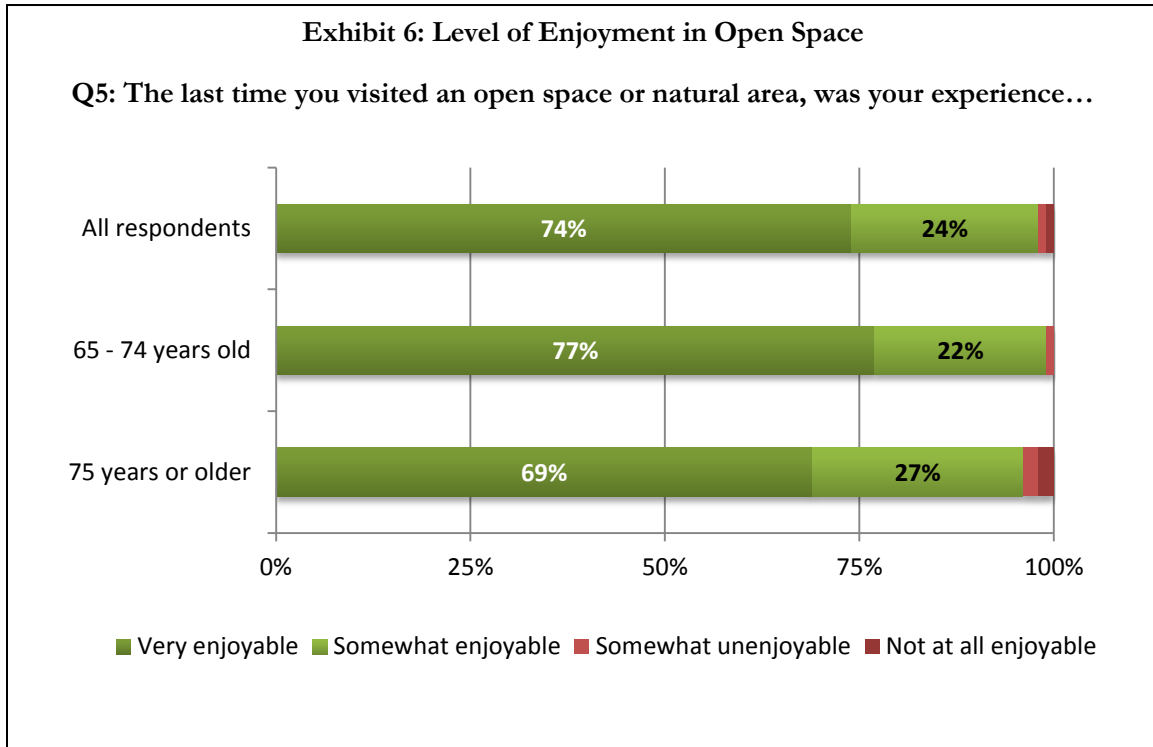


When visiting open space, seniors typically hike or walk, and a greater proportion of younger-seniors mentioned that they hike or walk than older-seniors (Exhibit: 5). Seniors were far less likely to cite undertaking activities other than hiking or walking on open space, but enjoying nature and wildlife viewing were the second and third most commonly mentioned activities among all respondents. Older-seniors were three times more likely to state they enjoy nature/relax/sightsee than younger-seniors and twice as likely to view wildlife. Younger-seniors were twice as likely to assert that they bike or walk dogs on open space as older-seniors.

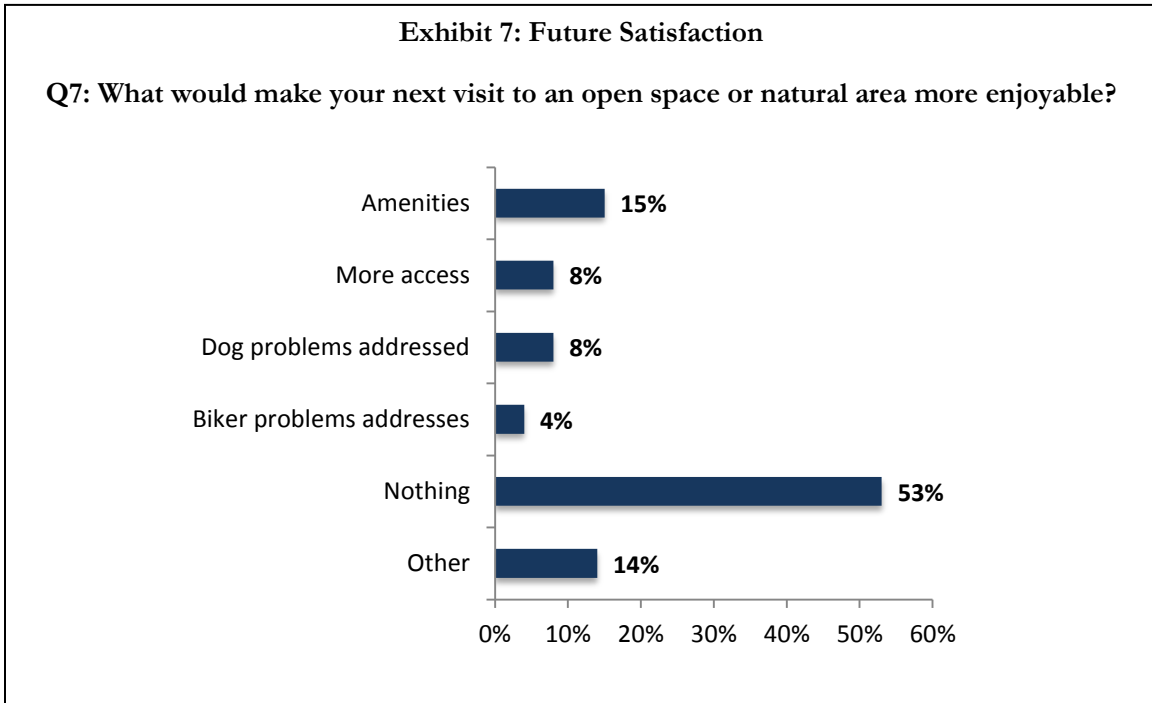


CURRENT AND FUTURE SATISFACTION

When considering their most recent visit to an open space, a clear majority of seniors (74 percent) recalled their experience was very enjoyable, and another quarter of respondents stated their experience was somewhat enjoyable (Exhibit: 6). Very few seniors indicated their most recent experience was either somewhat unenjoyable or not at all enjoyable.



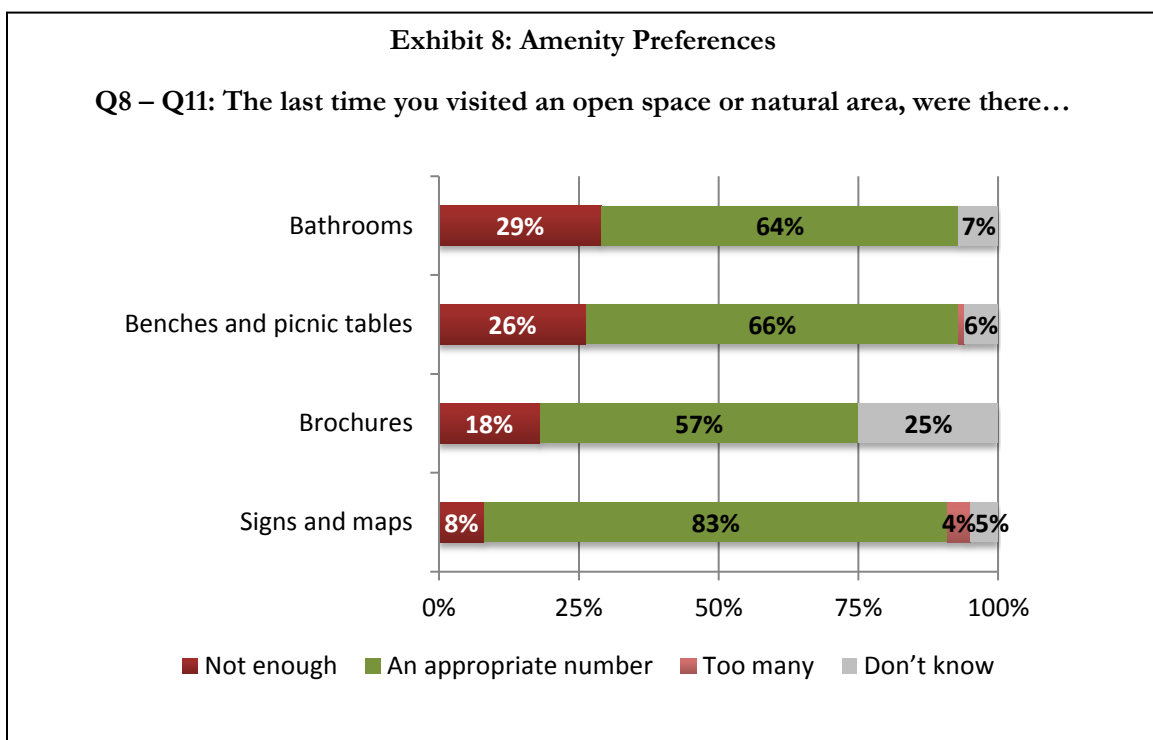
Considering that 98 percent of seniors said their most recent visit to an open space was enjoyable, it is not surprising that a majority of respondents could not suggest an action that would make their next open space visit more enjoyable. Nonetheless, seniors who offered suggestions for improvement mentioned amenities (e.g., bathrooms, better parking, picnic tables, signs, and grills) most frequently (Exhibit: 7). Eight percent of seniors mentioned more access to open space (new properties and access to closed areas) would improve their visit, eight percent mentioned addressing problems with dogs, while four percent suggested addressing problems with bikers. [Appendix A](#) contains verbatim transcripts of all suggestions.



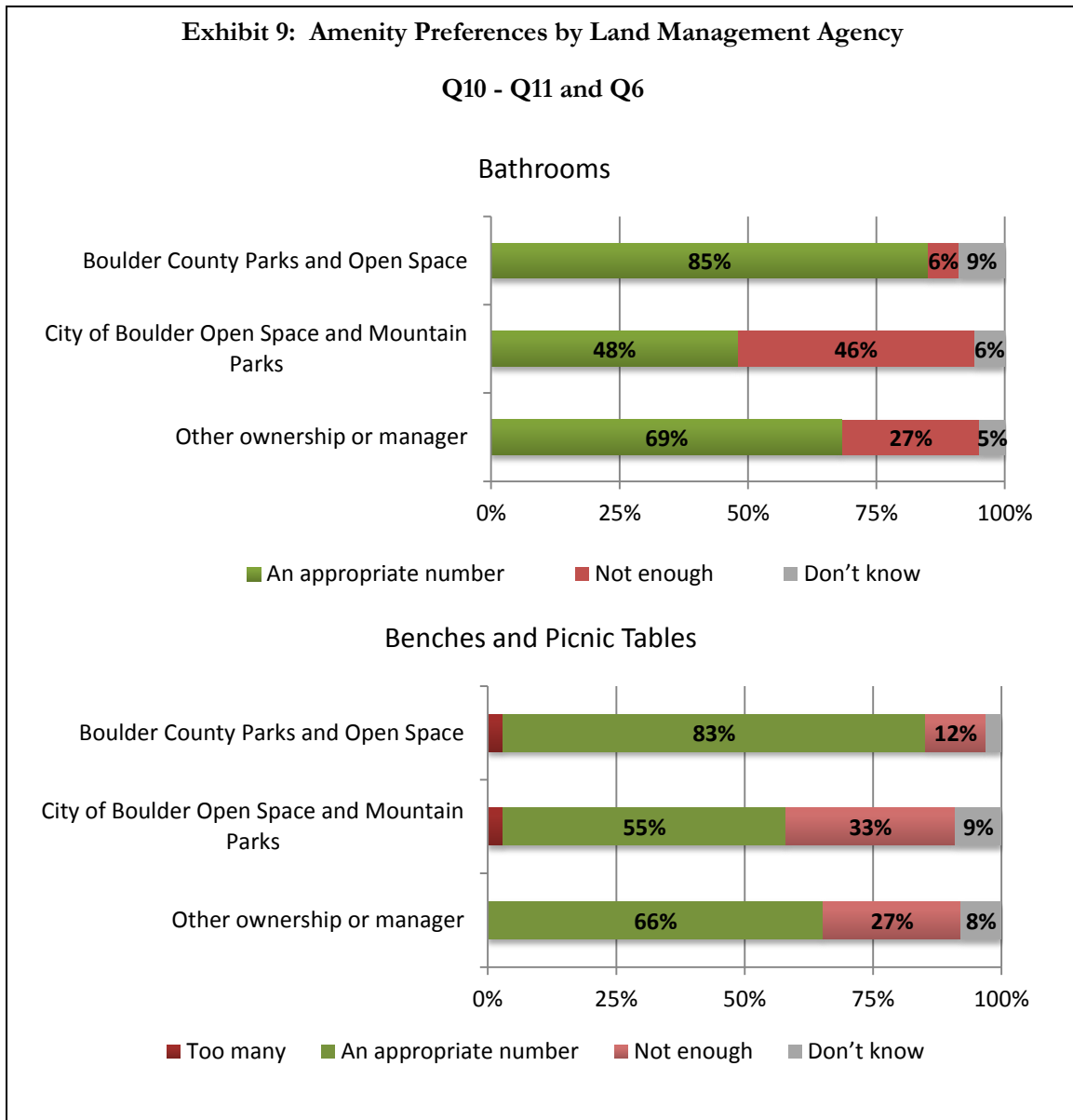
GENERAL AMENITY PREFERENCES

Most seniors were satisfied with the number of amenities they found on their most recent visit to open space. Eighty-three percent of seniors indicated there were an appropriate number of signs and maps, although some respondents suggested that more signs would make their next visit more enjoyable (Exhibit: 8 and Exhibit: 7). Twenty-nine percent of seniors mentioned there were not enough bathrooms during their most recent visit and 26 percent said there were not enough benches or picnic tables. Very few seniors believe there were too many amenities.

Recall that nearly 30 percent of seniors had not visited open space in the past year, and we did not ask these residents about their amenity preferences. If amenity preferences are driving at least some non-visitors' decisions to not visit open space, then the percentage shown below may differ to some extent from the full population of seniors.



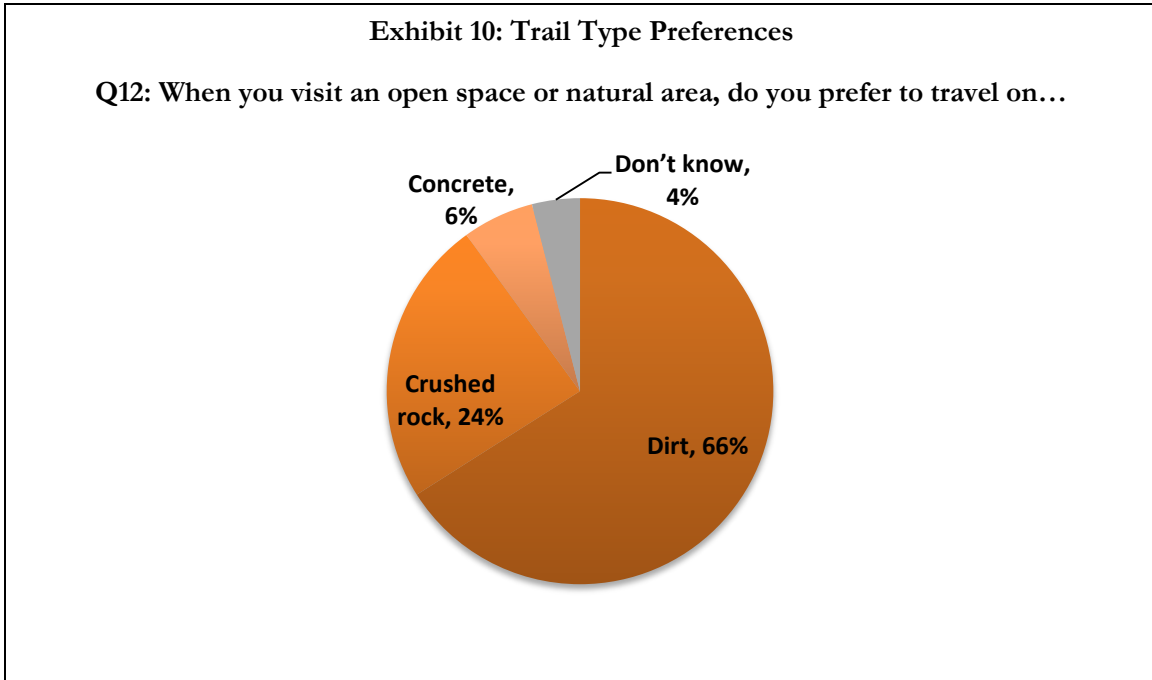
Satisfaction with amenities may be related to specific properties or land management agencies. Seniors who most recently visited a Boulder County property were more likely to indicate there were an appropriate number of bathrooms and an appropriate number of benches and picnic tables than those who most recently visited a property managed by a different agency (Exhibit: 9). These seniors were also less likely to indicate there were not enough bathrooms or benches. Although the sample size for these questions is relatively small (between 28 and 34 per group), differences among the three groups of respondents is strikingly large. We did not find striking differences in opinions about signs and maps or brochures.



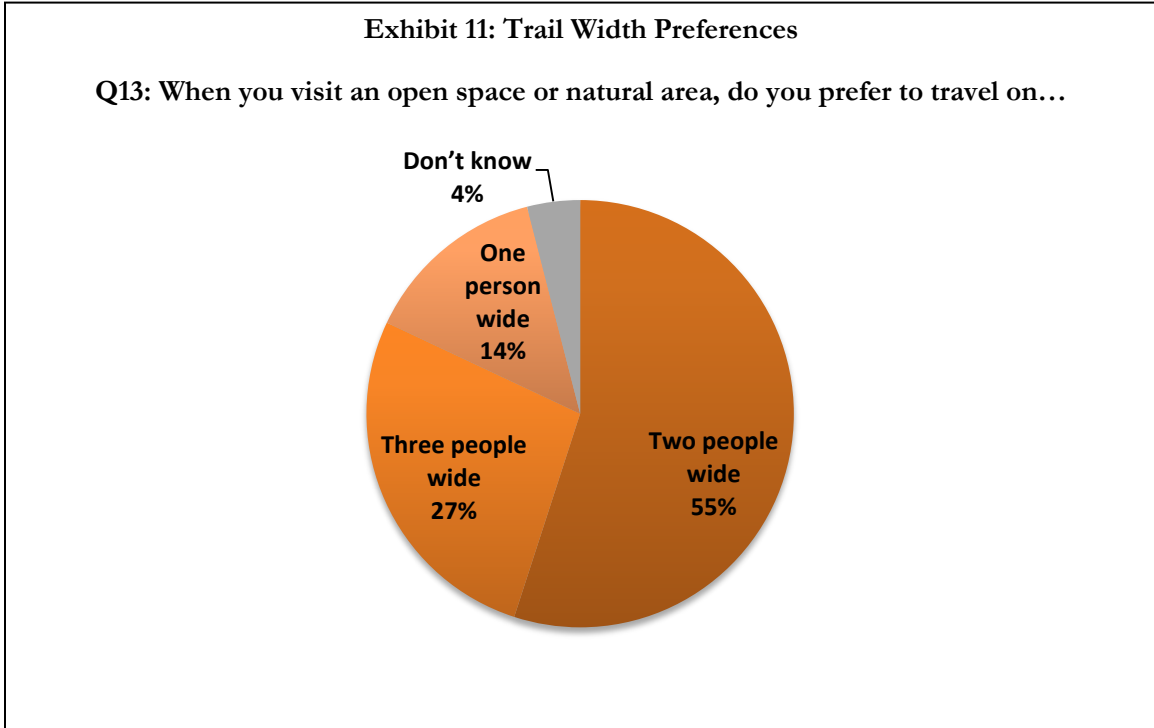
TRAIL FEATURE PREFERENCES

Trail surface type and trail width preferences appear to be similar between younger and older seniors, but trail length preference differs significantly between the two groups.

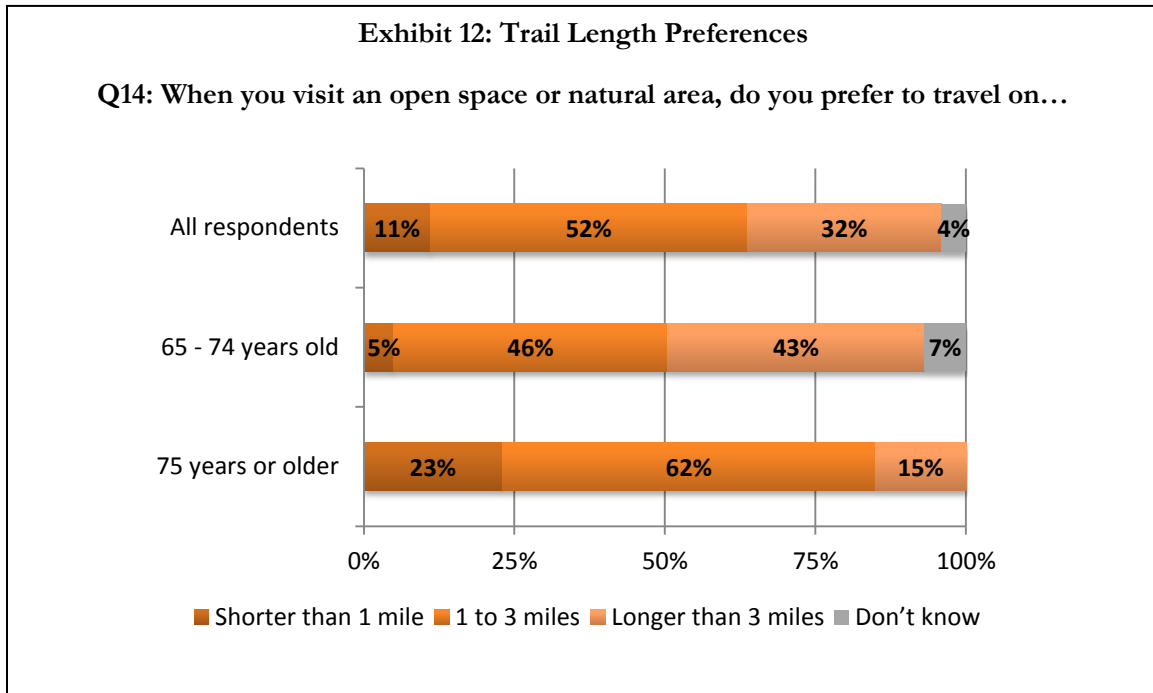
About two-thirds of seniors prefer to travel on trails made of dirt and about one-in-four prefer to travel on trails made of crushed-rock (Exhibit: 10). Older-seniors were slightly more likely than younger-seniors to prefer traveling on concrete trails, although neither group strongly preferred concrete trails to dirt or crushed rock.



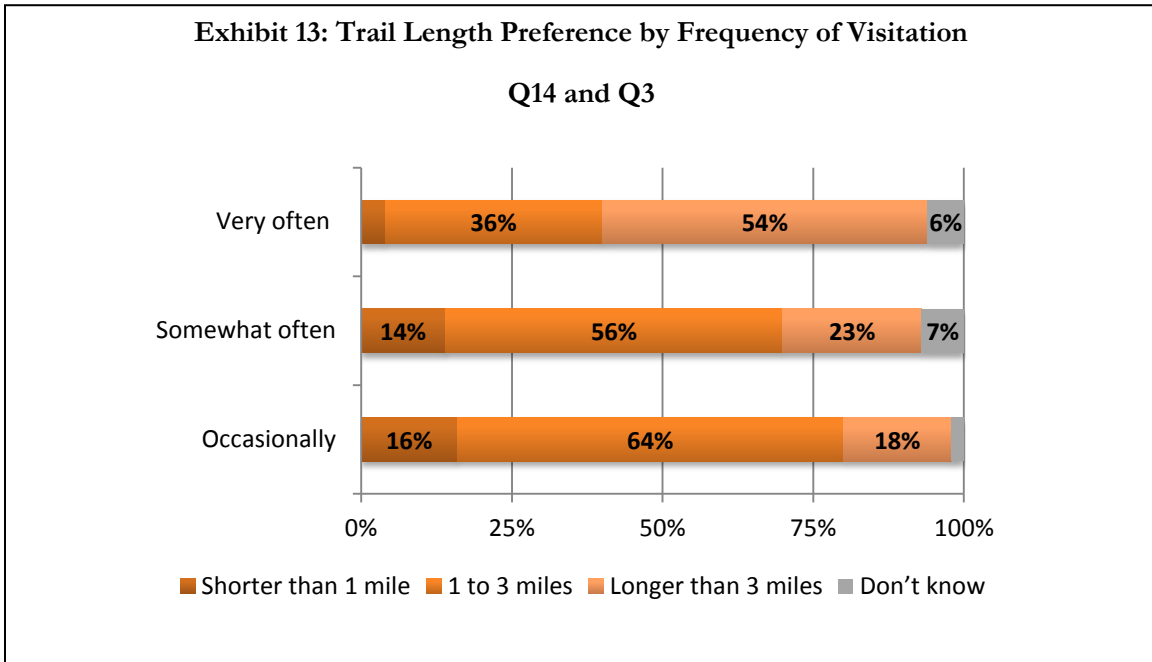
Most seniors prefer to travel on trails wide enough for two people to walk side-by-side, while just over one-quarter prefer trails wide enough for three people to walk side-by-side (Exhibit: 11). Few seniors prefer single-track type trails that are only wide enough for one person at a time. We found slight preference differences between older and younger seniors, but those who visit very often are more likely to prefer single-track trails than seniors who visit open space occasionally.



Among all respondents, most seniors prefer to hike on trails that are one to three miles long, and one-third prefer trails longer than three miles (Exhibit: 12). Many more younger-seniors prefer trails longer than three miles (43 percent) than older-seniors (15 percent) do. Conversely, more older-seniors prefer trails shorter than one mile (23 percent) than younger-seniors (5 percent) do.



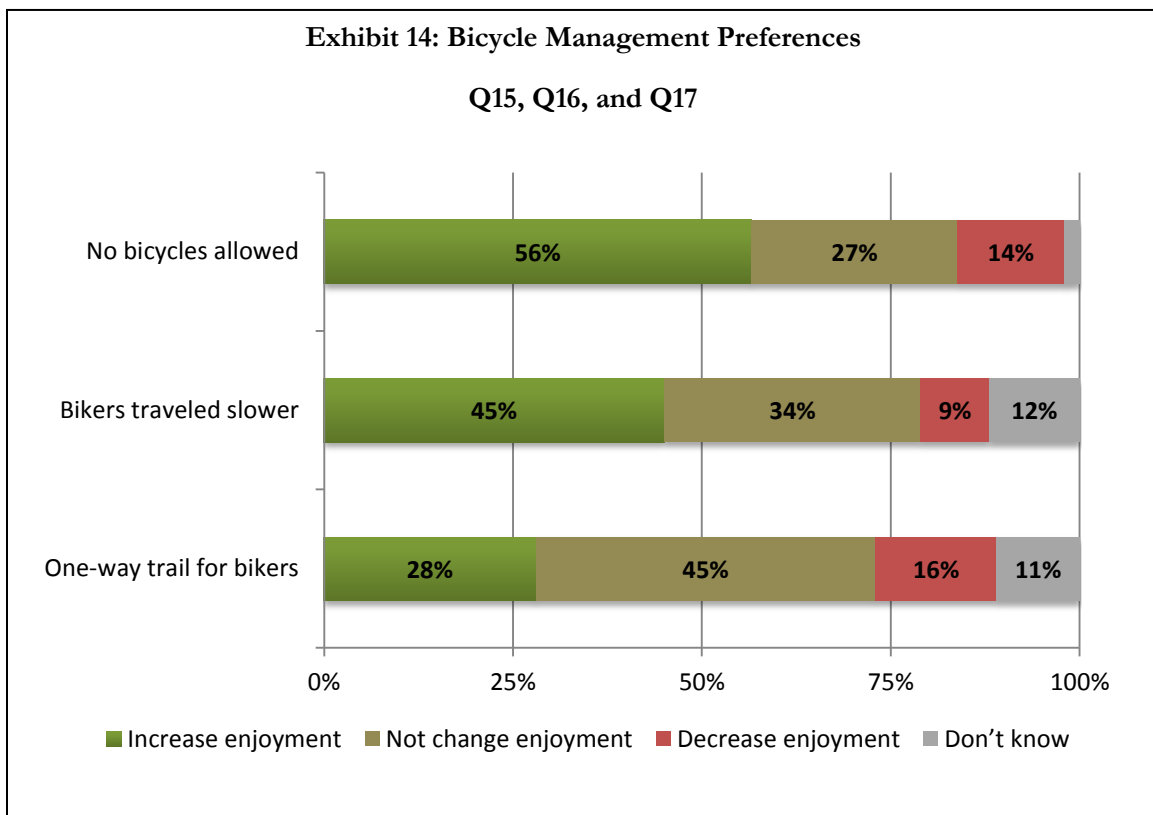
Trail length preferences also seem to be related to frequency of visitation; as visitation frequency increases, so do preferences for longer trails. Most seniors who visit open space very often prefer trails greater than three miles long, while most seniors who visit open space occasionally or somewhat often prefer trails between one and three miles long (Exhibit: 13). This is possibly a result of more mobile and fit seniors being more likely to visit frequently and able to travel on longer trails, though other factors such as a lack of familiarity or access to shorter trails may also influence the relationship.



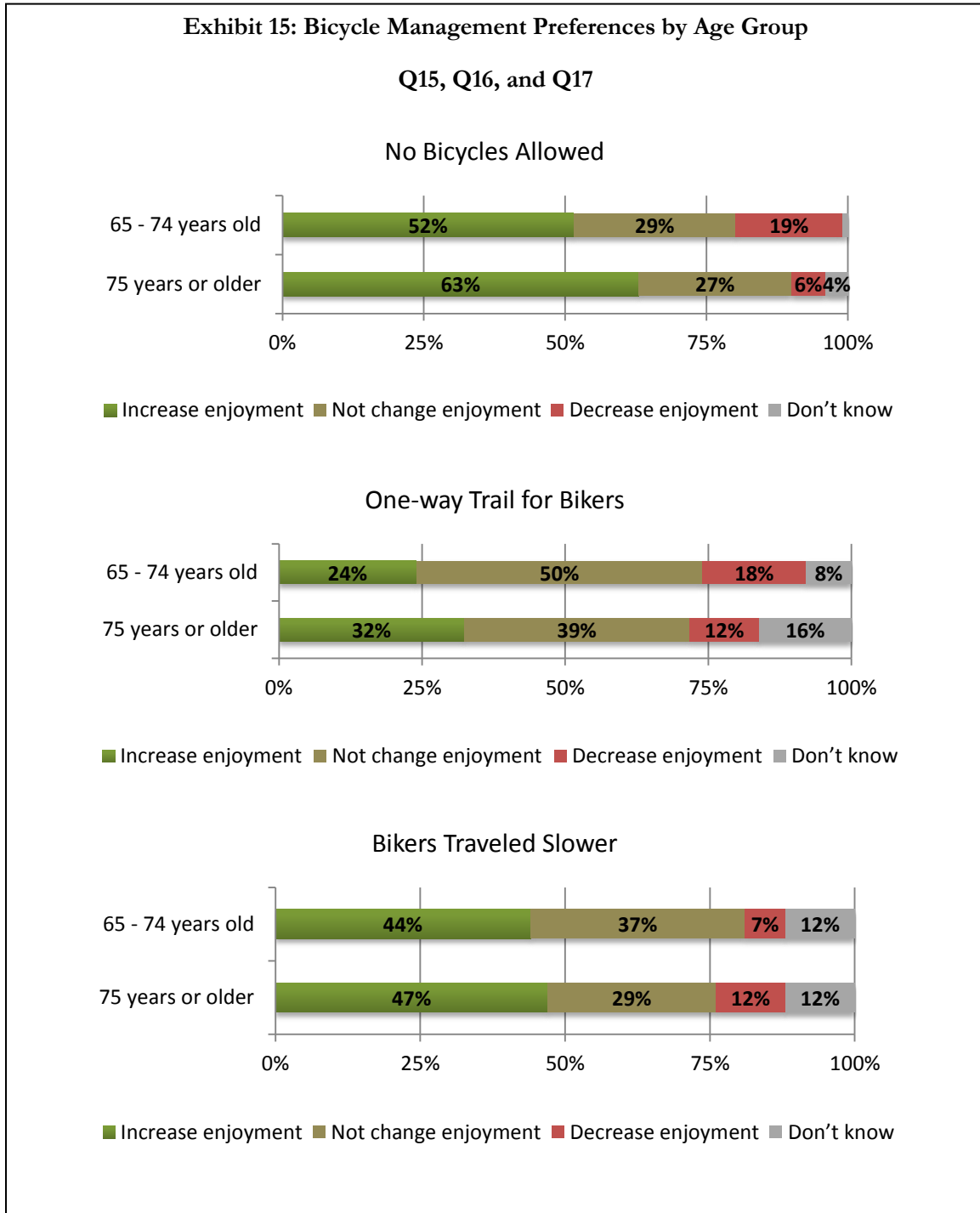
TRAIL MANAGEMENT PREFERENCES

Seniors hold strong opinions about trail policy regarding bicycles. A majority of respondents said that their enjoyment on a trail would increase if bicycles were not allowed on that trail at all, while 14 percent indicated this would decrease their enjoyment (Exhibit: 14). However, if bicyclists rode their bicycles more slowly, 45 percent of seniors stated their enjoyment would increase compared to nine percent who said this would decrease their enjoyment on a trail.

Regulating all bikers to travel in one direction but not restricting other trail users would have the smallest impact on seniors' trail enjoyment compared to the other two management options, though it would still be a net positive; 45 percent of seniors indicated one-way bike trails would not change their enjoyment, but a larger proportion indicated that it would increase their enjoyment compared to decreasing it.

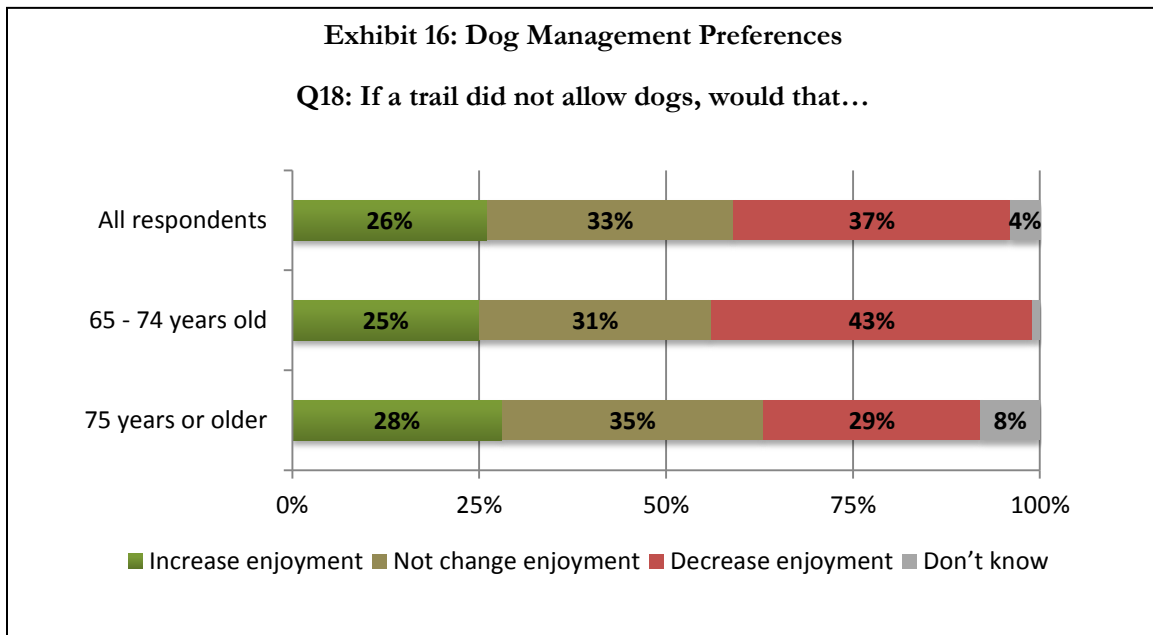


Younger-seniors (19 percent) are more likely than older-seniors (6 percent) to say that not allowing bicycles would decrease their enjoyment on a trail, although more than half of younger-seniors believe that not allowing bicycles would increase their enjoyment on a trail (Exhibit: 15). Older-seniors were more likely to indicate that their trail enjoyment would increase if bikers rode slower and if bikers were regulated to travel in one direction.



Seniors appear to have mixed opinions towards allowing dogs on trails, though in net terms it appears that prohibiting dogs would decrease enjoyment. More than one-third of all seniors mentioned that not allowing dogs on a trail would decrease their enjoyment on that trail, while one-quarter said not allowing dogs would increase their enjoyment (Exhibit: 16). This result is interesting, considering solving problems with dogs was one of the top three ways to make visiting open space more enjoyable (Exhibit: 7).

Younger-seniors are much more likely to suggest not allowing dogs would decrease their enjoyment (43 percent) compared with older-seniors (29 percent). This result corresponds with our finding that younger-seniors are more likely than older-seniors to walk dogs on open space (Exhibit: 5).

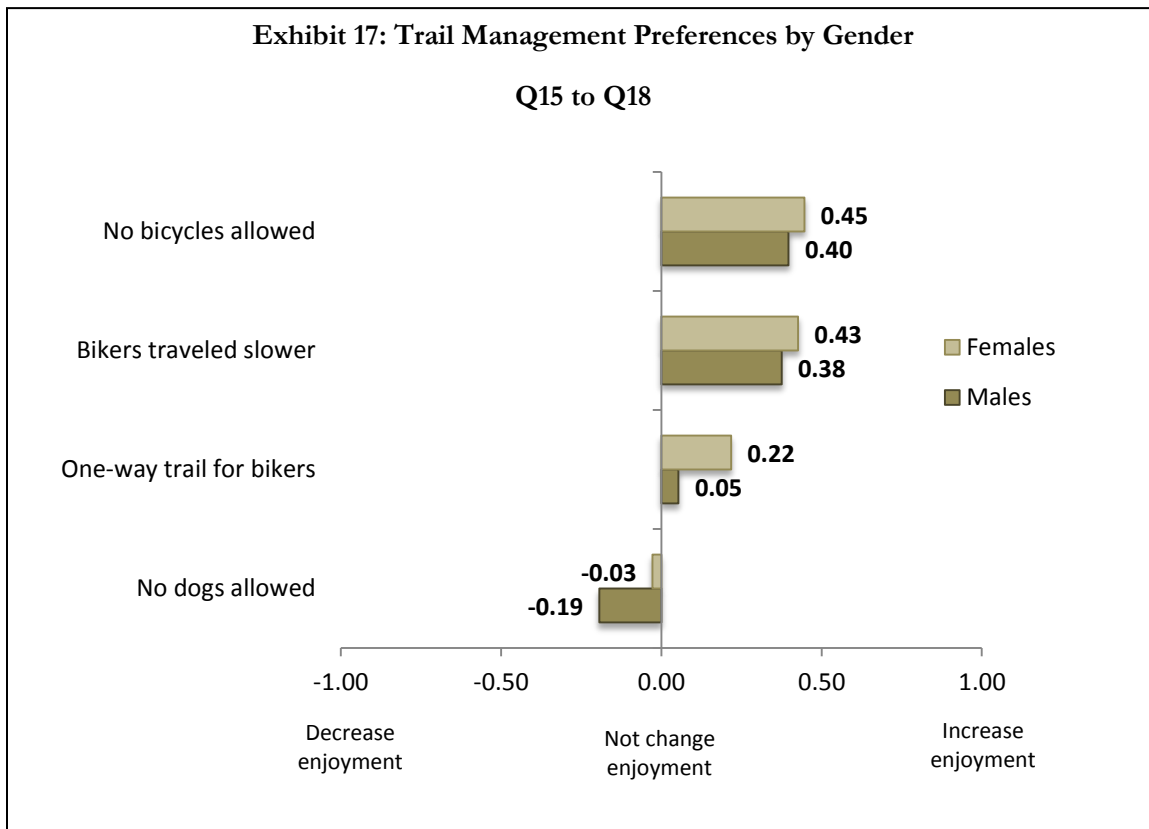


We assigned a numeric value to each possible answer in questions 15 through 18 (Table: 2), and we calculated mean scores for each question using these values. We then categorized study participants by gender and compared differences in opinion strength by this segment.

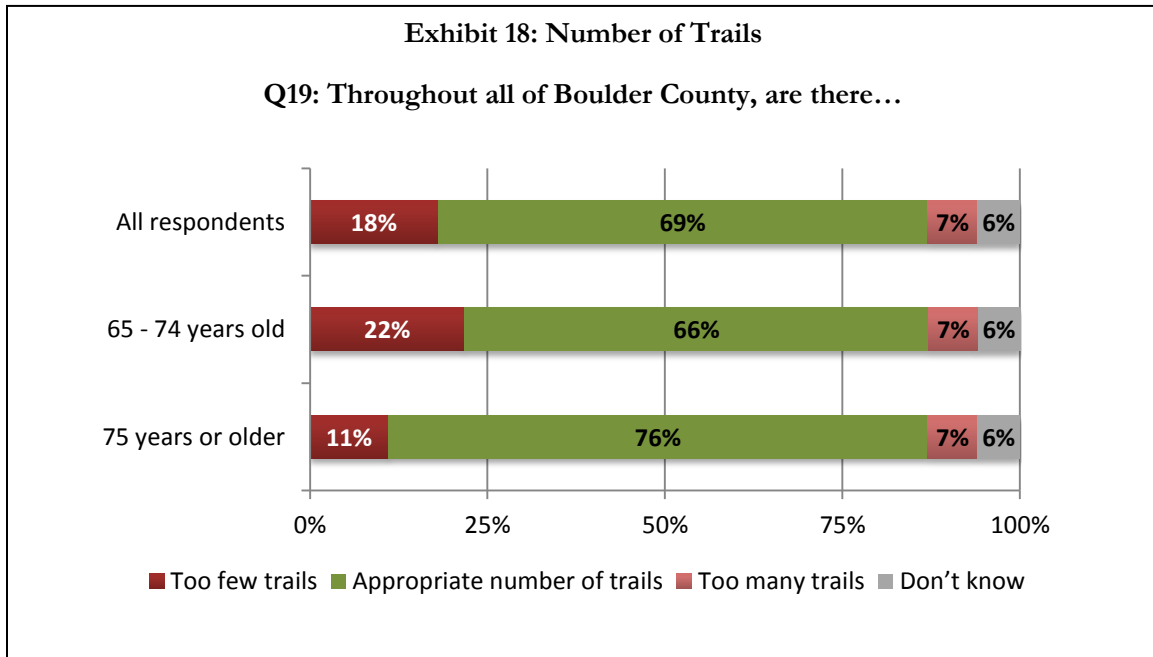
Males and females, on average, agreed that not allowing bicycles, bikers traveling slower, and one-way trails for bikers would increase their trail enjoyment (Exhibit: 17). However, we found females consistently held higher mean scores than males.

Table 2: Numeric Coding Scheme Used in Following Exhibits

Response	Numeric Value
Increase enjoyment	1
Not change enjoyment	0
Decrease enjoyment	-1
Don't know	--



Lastly, most seniors believe there are an appropriate number of trails in open spaces throughout all of Boulder County (Exhibit: 18). Younger-seniors were more likely than older-seniors to believe there are too few trails, though a clear minority of both groups held this opinion. Interestingly, we found no clear relationship between frequency of visits and opinions about the number of trails in Boulder County.



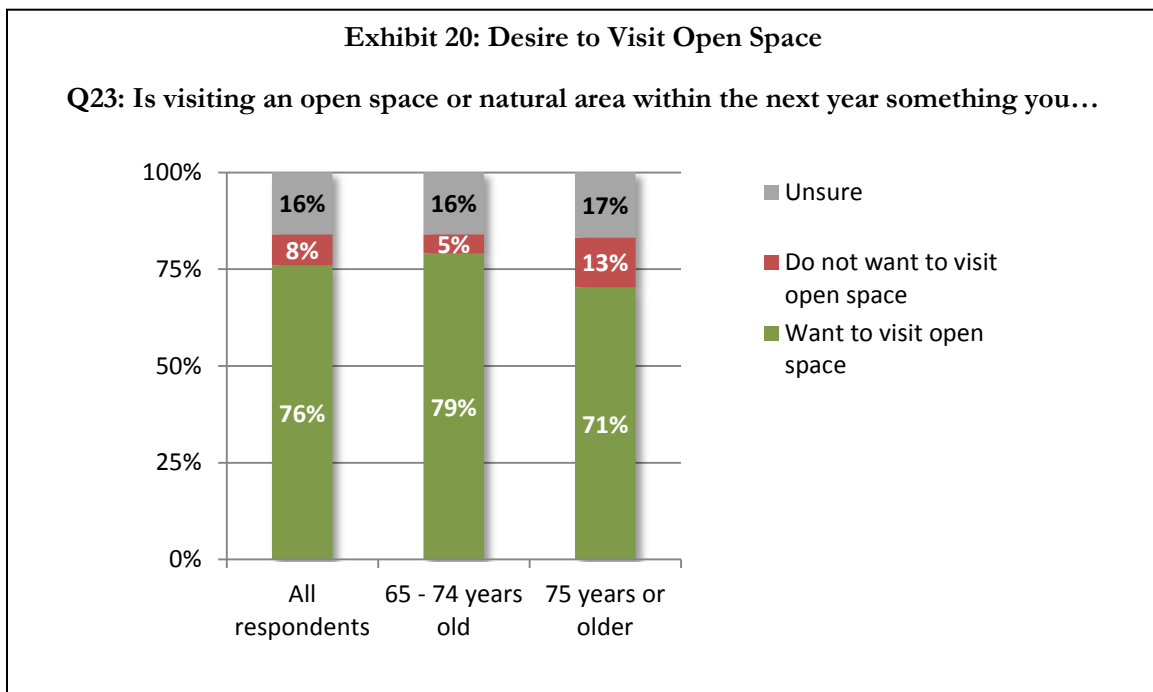
FISHING PREFERENCES

Only seven of the 200 study participants indicated that they fish on open space. Due to the low sample size, we are not able to generalize their feedback to the greater population of senior anglers. Analysis tables representing the number of responses (rather than percentages) to all fishing questions can be found in [Appendix A](#).

BARRIERS TO ACCESSING OPEN SPACE

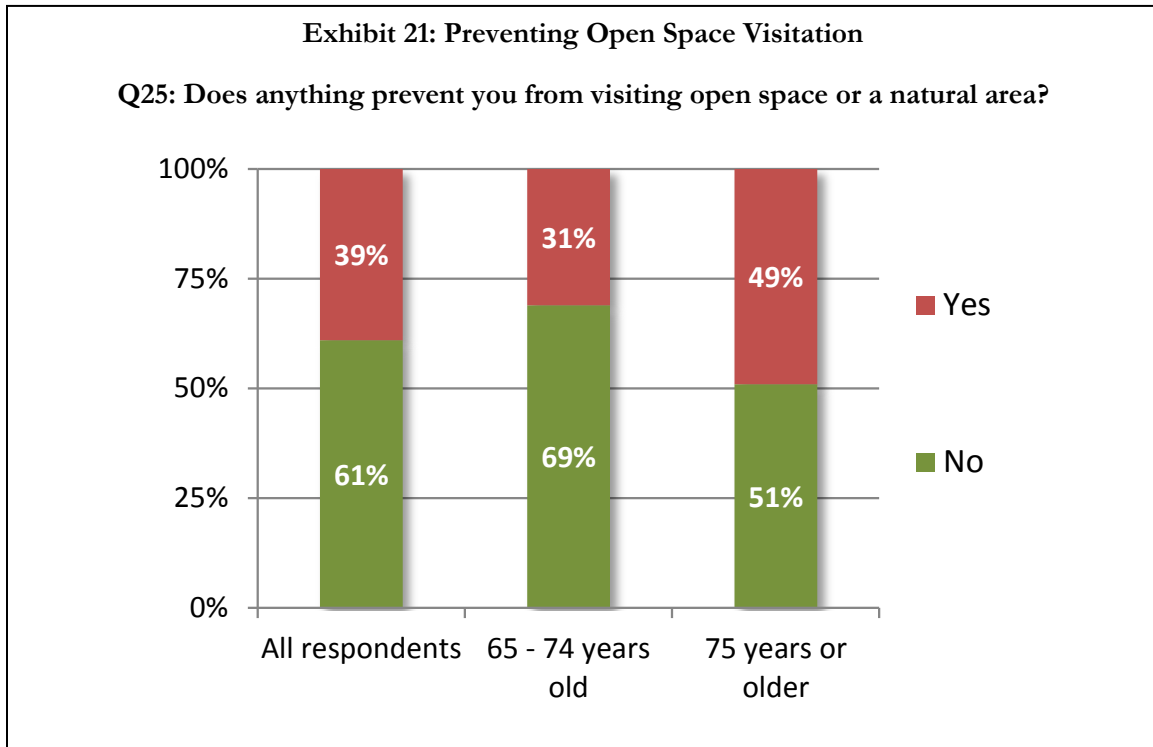
We asked all seniors about their desire to visit open space, and we asked those who do not frequently visit open space about barriers that might inhibit them from visiting open space more often.

Visiting open space is something most seniors want to do. Within the next year, three out of four seniors want to visit open space, while eight percent do not want to (Exhibit: 20). Younger-seniors are more likely to want to visit open space than older-seniors. Participants who visited open space in the past year, even if only occasionally, are very likely to want to visit again within the next year. Indeed, no participants who visited open space last year said they do not want to visit this year. Of those who did not visit open space last year, about one-third want to visit this year, about one-third do not want to visit this year, and about one-third are unsure.



We asked the 50 participants (25 were between 65 and 74 years old and 25 were older than 74 years) who do not want to visit open space or were unsure to describe what would make visiting an open space more appealing. Most respondents could not provide a suggestion or they mentioned that they were too ill, were in a wheelchair, or otherwise physically unable to visit open space. A few respondents mentioned that clean trails would make open space more appealing. Others provided various suggestions but no common theme emerged. Due to the small number of suggestions and lack of consistency, we did not categorize responses to this question, but all responses can be found in [Appendix A](#).

Among participants who never, occasionally, or somewhat often visit open space, 39 percent indicated that something prevents them from visiting an open space (Exhibit: 21). Older-seniors are more likely to suggest something prevents them from visiting open space. Those who visited open space more frequently last year are less likely to believe something prevents them from visiting open space now.

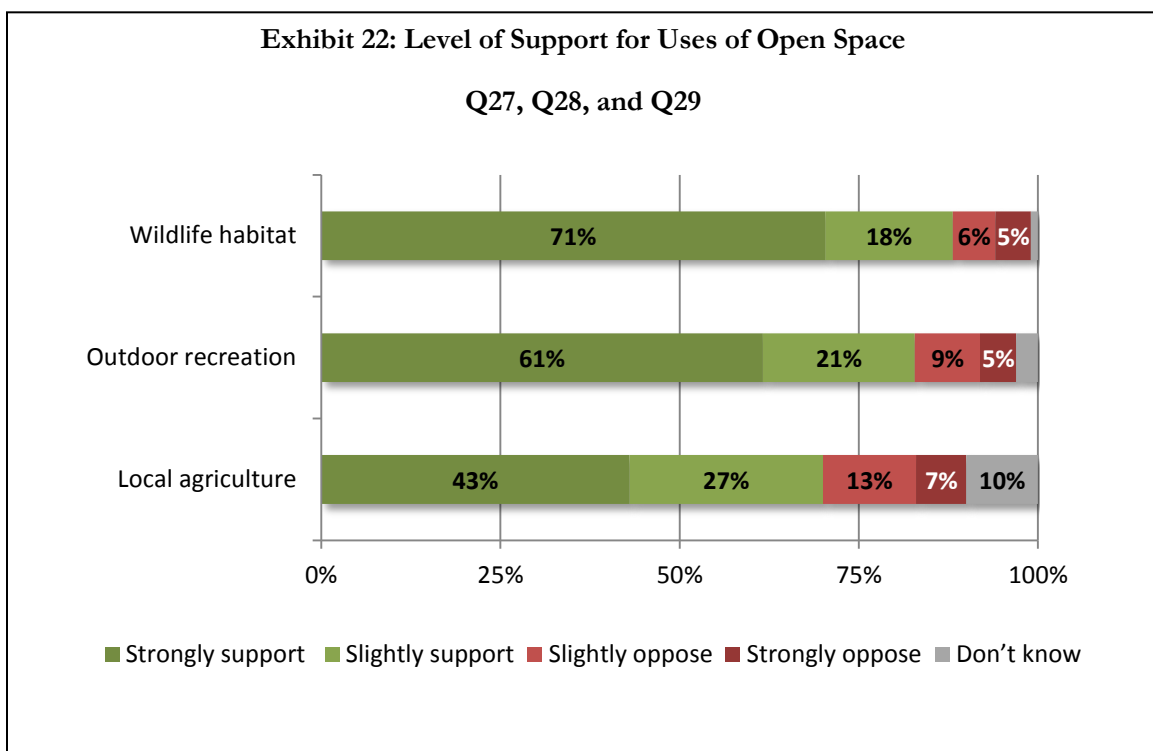


Seniors who mentioned something was preventing them from visiting open space were asked what, if anything, would make it easier to visit open space. Of the 59 responses, most seniors cited their health or age as factors that inhibit them from visiting open space. Some respondents stated that specific trail features, such as concrete trails or low-grade trails would make it easier, and few mentioned access issues such as lack of a personal vehicle. Others provided various suggestions but no common theme emerged. Due to the small number of suggestions and lack of consistency, we did not categorize responses to this question, but all responses can be found in [Appendix A](#).

SUPPORT FOR USE OF OPEN SPACE

We asked seniors to indicate their level of support or opposition to three different open space uses: providing outdoor recreation opportunities, maintaining wildlife habitat, and supporting local agriculture. These three questions were asked in random order to avoid priming.

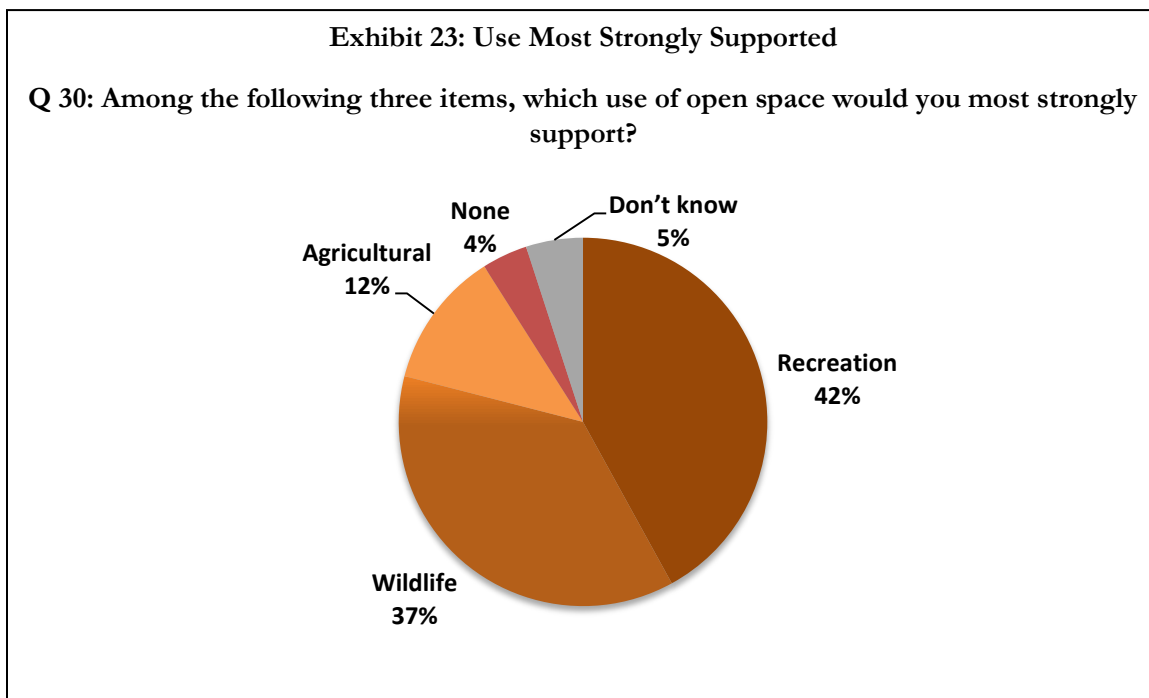
A majority of seniors strongly or slightly supported each use (Exhibit: 22). The greatest percentage of seniors supported using open space to maintain wildlife habitat (89 percent), followed by using open space to provide outdoor recreation (83 percent) and using open space to support local agriculture (70 percent). The fewest seniors opposed using open space to maintain wildlife habitat (11 percent), followed by providing outdoor recreation (14 percent) and using open space to support local agriculture (20 percent). Ten percent of respondents indicated they did not know if they supported or opposed using open space to support local agriculture.



We then asked seniors to tell us which of the three potential uses (from Q27, Q28, and Q29) of open space they would most strongly support, or tell us that they would not support using open space for any of those uses. The three choices were asked in random order to avoid priming.

The greatest percentage of seniors cited they would most strongly support using open space to provide outdoor recreation (42 percent) followed by maintaining wildlife habitat (37 percent) and supporting local agriculture (12 percent; Exhibit 23). Four percent said they would not support using open space for any of those uses, and five percent said they did not know.

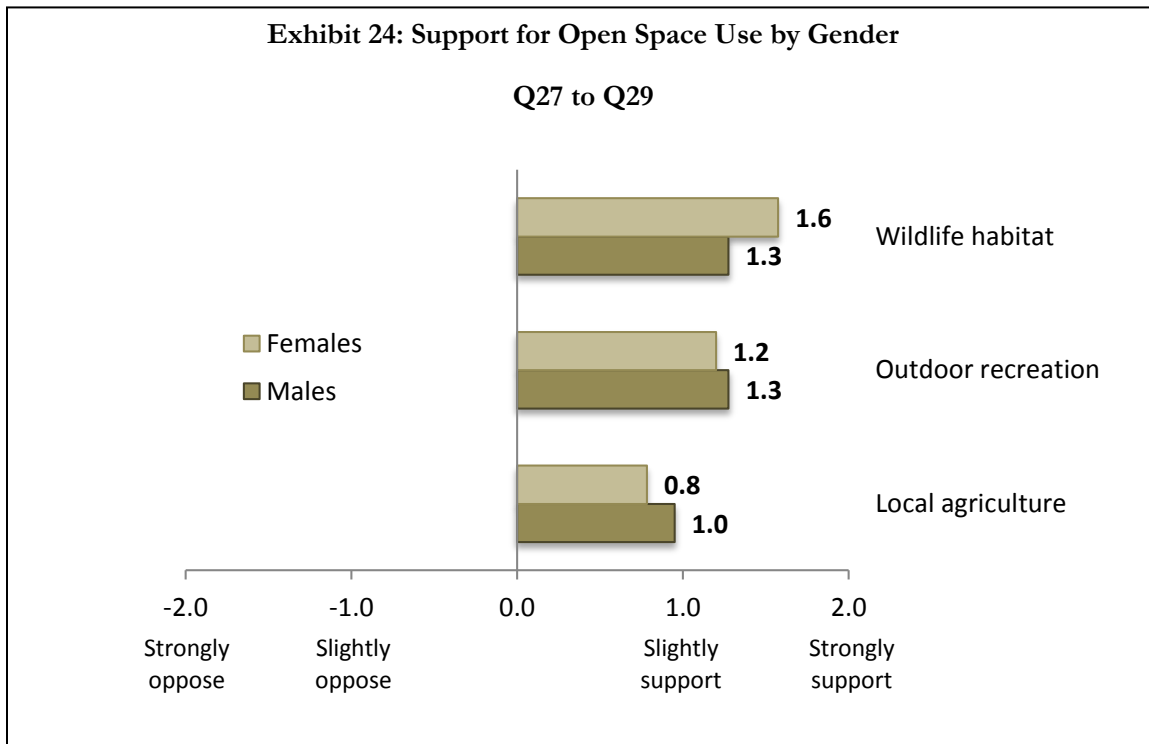
Results from questions 27-30 suggest that most, but not all, seniors support using open space for any of the three mentioned uses. Most seniors said that either providing outdoor recreation or maintaining wildlife habitat were uses of open space that would get their strongest support. Fewer seniors indicated that they would most strongly support using open space to supporting local agriculture. The smallest proportion of seniors said they would not support using open space for any of the three potential uses. It is important to note that open space uses are not necessarily exclusive of one another (e.g., open space can simultaneously be used for all three uses), and results should be interpreted in this context.



We found little difference in how younger and older seniors ranked their support for open space use; however, we found interesting opinion differences between males and females. After assigning numeric values to each possible answer in questions 30 (Table: 3), we calculated mean scores for each question and found that female seniors more strongly supported using open space to maintain wildlife habitat (Exhibit: 24). Conversely, male seniors more strongly supported using open space to provide outdoor recreation and support local agriculture.

Table 3: Numeric Coding Scheme Used in Exhibit 24

Response	Numeric Value
Strongly support	2
Slightly support	1
Don't know	0
Slightly oppose	-1
Strongly oppose	-2



APPENDIX A: ANALYSIS TABLES AND OPEN-ENDED RESPONSES

This section includes detailed results of every survey question, including results of all respondents and results by three key segments: age, gender, and frequency of visitation. All open-ended responses are listed verbatim and in alphabetical order. Questions one and two are found in the last section with other demographic questions.

All results are statistically weighted to correct for response bias by age category and gender.

FREQUENCY AND TYPE OF USE

Q3: HOW OFTEN HAVE YOU VISITED AN OPEN SPACE OR NATURAL AREA IN THE PAST YEAR?

	<i>Total</i>	Age class		Gender	
		65 - 74 years old	75 years or older	Male	Female
<i>Base</i>	205	118	82	91	114
How often have you visited an open space in the past year?					
Never	29%	23%	36%	19%	37%
Occasionally	30%	26%	34%	33%	27%
Somewhat often	15%	14%	16%	12%	18%
Very often	26%	36%	14%	37%	18%

Q4: WHEN YOU VISIT OPEN SPACE OR NATURAL AREAS, WHAT ACTIVITIES DO YOU DO THERE?

	Total	Age class		Gender		How often have you visited an open space in the past year?		
		65 - 74 years old	75 years or older	Male	Female	Occasionally	Somewhat often	Very often
Base	146	90	53	74	72	61	31	54
When you visit open space or natural areas, what activiti...								
Hiking or walking	85%	87%	80%	79%	91%	81%	91%	86%
Dog walking	13%	16%	8%	16%	9%	9%	7%	21%
Running	3%	5%	-	6%	-	-	-	8%
Biking	13%	15%	8%	18%	8%	2%	17%	23%
Wildlife viewing	15%	11%	21%	13%	16%	14%	14%	16%
Enjoying nature, relaxing, or sightseeing	17%	9%	30%	18%	17%	21%	16%	14%
Fishing	5%	2%	7%	6%	3%	4%	6%	4%
Gathering with others	3%	2%	3%	-	5%	3%	6%	-
Picnicing	10%	7%	15%	10%	9%	23%	-	-
Photography or art	4%	6%	2%	3%	6%	3%	8%	4%
Riding horses	1%	1%	2%	-	3%	2%	-	2%
Other	5%	7%	3%	4%	7%	2%	9%	8%

OTHER ACTIVITIES:

- > *Camping.*
- > *I also fly remote-control gliders.*
- > *I also go cross-country skiing and snowshoeing.*
- > *I do snowshoeing.*
- > *I participate in Wild Bear Nature and Ecology Center.*
- > *Looking for wildflowers.*
- > *Roller blading.*
- > *We either ski or snowshoe.*

Q5: THE LAST TIME YOU VISITED AN OPEN SPACE OR NATURAL AREA, WAS YOUR EXPERIENCE...

	Total	Age class		Gender		How often have you visited an open space in the past year?		
		65 - 74 years old	75 years or older	Male	Female	Occasionally	Somewhat often	Very often
Base	146	90	53	74	72	61	31	54
The last time you visited an open space or natural area, ...								
Not at all enjoyable	1%	-	2%	2%	-	-	-	2%
Somewhat unenjoyable	1%	1%	2%	1%	1%	2%	3%	-
Somewhat enjoyable	24%	22%	27%	23%	25%	26%	37%	14%
Very enjoyable	74%	77%	69%	74%	74%	72%	60%	84%

Q6: IF YOU REMEMBER, WHAT WAS THE NAME OF THE OPEN SPACE OR NATURAL AREA YOU MOST RECENTLY VISITED?

	<i>Total</i>	<i>Age class</i>		<i>Gender</i>		<i>How often have you visited an open space in the past year?</i>		
		<i>65 - 74 years old</i>	<i>75 years or older</i>	<i>Male</i>	<i>Female</i>	<i>Occasionally</i>	<i>Somewhat often</i>	<i>Very often</i>
<i>Base</i>	146	90	53	74	72	61	31	54
Ownership or manager of open space area most recently vis...								
Boulder County Parks and Open Space	24%	24%	24%	22%	25%	27%	20%	22%
City of Boulder Open Space Mountain Parks	23%	24%	17%	23%	24%	16%	22%	33%
Other ownership or manager	19%	17%	24%	21%	17%	13%	19%	26%
Do not remember	34%	35%	35%	35%	33%	44%	39%	20%

ALL RESPONSES:

- > Anne U. White Trail
- > Antelope Trail.
- > Bear Canyon Trail
- > Bear Crossing.
- > Blue Bell
- > Bobolink Trail
- > Bobolink Trail
- > Bobolink Trail.
- > Boulder Mountain Park
- > Centennial Trails
- > Coot Lake
- > Does not remember (x47)
- > Golden Pond
- > Green Mountain West Ridge
- > Hall Ranch
- > Heil Ranch
- > Heil Ranch
- > Heil Ranch
- > Heil Valley Ranch
- > I go to Heil Ranch and Rabbit Mountain.
- > I last visited the greenway along the St. Vrain River.
- > I live and walk in Pinebrook Hills.
- > I most recently visited Pella Crossing.
- > I think it was probably off of Marshall Road, but I don't remember the name of it.
- > I think it was probably Stern's Lake.
- > I visited Chautauqua Park.
- > I visited Chautauqua.
- > I visited Coal Creek.
- > I visited Hecla Lake.
- > I visited Heil Ranch.
- > I visited Heil Ranch.
- > I visited Lagerman Reservoir.
- > I visited Lefthand Canyon.
- > I visited Marshall Mesa.
- > I visited Mount Sanitas.
- > I visited Mud Lake.
- > I visited Pella Crossing.
- > I visited South Boulder Creek.
- > I visited Switzerland Railroad Trail bed.
- > I visited the Anne U. White Trail.
- > I visited the Bird Reserve south of 75th St.
- > I visited the Bobolink Park.
- > I visited the Cotton Tail Trail.
- > I visited the flat-iron vista.
- > I visited the Hill Area west of Lyons.
- > I visited the Marshall Mesa Trailheads.
- > I visited the West Magnolia Trails.
- > I was at Rainbow Lakes today.
- > I was in Eldorado Canyon.
- > I went to Anne U. White Trail.
- > I went to Blue Grass Park.

- > I went to Chautauqua.
- > I went to Eldorado Springs.
- > I went to Flagstaff.
- > I went to Rabbit Mountain.
- > I went to Tortoise's Park.
- > It was a natural area near Nederland.
- > It was a small park near Carter Park.
- > It was Bald Mountain Trail.
- > It was Bear Peak.
- > It was Castle Rock in Boulder Canyon.
- > It was Chautauqua.
- > It was Colton Trail.
- > It was Rabbit Mountain.
- > It was up by Walker Ranch.
- > It was Valmont station.
- > It would be Pella Crossing and the Heil Valley Ranch.
- > It's on South Boulder Creek.
- > Largerman Reservoir
- > Marshall Mesa
- > Mesa Trail
- > Mesa Trail.
- > Mt. Sanitas
- > Mt. Sanitas
- > Pella Crossings
- > Prairie View
- > Rocky Mountain National Park
- > St. Vrain Greenway
- > Teller Farm in East Boulder.
- > The Amphitheater at Flagstaff
- > The Dry Creek Open Space Area
- > The Mesa Trail.
- > The most recent that I have visited was over near The University of Colorado, by the tennis courts. We have also been to the Walker Ranch area as well.
- > The Shanahan Ridge Trail
- > There were two recently, one was McCall Reservoir and also MacIntosh Reservoir.
- > Today I walked up and down Mt. Sanitas.
- > Twin Lakes
- > Walden Pond
- > Walden Ponds.
- > Walker Ranch
- > Walker Ranch
- > We live in Sunshine Canyon, and I consider that an open space. Recently we went to Brainard Lake and along a few creeks.
- > We went to Longmont Trail.
- > Wonderland Hills Lake

CURRENT SATISFACTION

Q7: WHAT WOULD MAKE YOUR NEXT VISIT TO AN OPEN SPACE OR NATURAL AREA MORE ENJOYABLE?

	Total	Age class		Gender		How often have you visited an open space in the past year?		
		65 - 74 years old	75 years or older	Male	Female	Occasionally	Somewhat often	Very often
<i>Base</i>	146	90	53	74	72	61	31	54
What would make your next visit to an open space or natur...								
Amenities	15%	16%	12%	14%	16%	13%	22%	13%
Dog problems	8%	8%	8%	6%	9%	7%	6%	9%
Biker problems	4%	6%	2%	5%	4%	2%	8%	6%
Access	8%	9%	5%	12%	3%	6%	14%	6%
Nothing	53%	47%	65%	53%	54%	65%	41%	48%
Other	14%	16%	11%	15%	14%	8%	13%	22%

SUGGESTIONS FOR IMPROVEMENT:

- > Areas are closed for the Elk, it would be better if those were open to people.
- > At this time I am not sure. I do pick the areas that do not have too many bikers.
- > Expanding the size of open space would make it more enjoyable.
- > Fewer dog restrictions would be great.
- > Fewer people would be more enjoyable.
- > Fewer people, there are too many people in the open space area.
- > I don't like dogs who are running around.
- > I don't like the bikers.
- > I don't like too many dogs.
- > I don't think there should be dogs allowed.
- > I feel that if more open space was available.
- > I feel that there is not enough parking.
- > I like more places where I can see and relax and some waterways to swim.
- > I think having more wilderness camping areas would be nice to have.
- > I think if they have benches to sit on, it would make it better.
- > I think if they have fewer dogs.
- > I think it would be more enjoyable if there were fewer dogs.
- > I think it would be nice if they would make it more well known where the places are so that we can plan to go since we have to get someone else to take us. It would be nice and enjoyable if we had help to get there.
- > I think just improvements of the walking paths would be nice.
- > I think less arrogance from the other people using the space, people are disrespectful of others in open spaces.
- > I think that the trails need to be kept really clean.
- > I think there should be more places with grills.
- > I think they need to open up more space and the public needs access to the majority of that open space.
- > I want better parking and more rest room areas.

- > I wish there were fewer people. I like nature just that way it is, and don't want to see it changed.
- > I would like better access to the trails. It would be more enjoyable if recreational shooters were banned.
- > I would like for bicyclists to have to provide some form of warning when they are within 20 feet of me.
- > I would like for the bikers to have their own trails or the current rules to be enforced.
- > I would like for the parks to be open longer.
- > I would like for the trails to be open and accessible to a variety of different uses such as horseback riding and dog walking.
- > I would like for there to be more open spaces.
- > I would like for there to dogs on leashes and to have bikers to go slower by hikers.
- > I would like smoother paths.
- > I would like to have an underpass built under The Diagonal in order to be able to access the trails without having to cross traffic.
- > I would like to see less buildings in the open space.
- > I would like to see more trails open to dogs.
- > I would like to see open space continue to grow.
- > I would like to see the debris in the creek cleaned up.
- > If people would take care of the pets more.
- > If there were more water areas like ponds or reservoirs.
- > If they would open a lot more of them up. A lot of them are locked or you cannot get on them at all.
- > In my opinion, less dogs would be better.
- > It gets a little crowded with bikes and hikers. If they were more aware to the walks, it would be good.
- > It would be more enjoyable if people would clean up after the dogs and keep it clean in general.
- > It would be more enjoyable if there were more trail marks.
- > It would be nice if you had picnic tables.
- > It would be nice to have some kind of signage to indicate the distance of the trails.
- > Less dogs would make it more enjoyable for me.
- > Maybe more portable toilets.
- > More bathrooms available would be more enjoyable.
- > More bathrooms would be nice.
- > More benches.
- > More parking would make it more enjoyable.
- > More parking would make your next visit more enjoyable.
- > More picnic table would make it more enjoyable.
- > More shade would be nice.
- > Not all the parking lots have restrooms, so I would appreciate more of those, but that's about all I can think of.
- > On occasion, and particularly when we had dogs, the facilities for leaving bags with dog waste were either inaccessible or there were not enough available. Some places did a good job, others did not.
- > The county maps to the open space are not very user friendly or helpful.
- > The dogs owners need to pick up the poop bags.
- > The signage could improve, because you really have to know where you're going or you'll miss it.
- > There are too many restrictions, like closing too many areas off.
- > They need to get rid of the bind weeds. Boulder has been taken over with bind weeds.
- > They need to have more relaxed leash laws.
- > They should have more handicapped fishing facilities. I am not at all in favor of the Boulder County Open Space program. I feel it is tax money that is being wasted. I feel like they are just trying to buy land and make Boulder County the largest land owner aside from the US Federal Gov't. I don't

think it has in any way improved the lives of the tax payers in this county. I will lobby against any further action to grow open spaces. I think the money should be spent in other ways like on roads.

OTHER SUGGESTIONS:

- > Better weather cooperation would make it more enjoyable.
- > Having less mosquitos would be more enjoyable.
- > I am 85 years old, so I am limited because of age, but I still enjoy the open spaces and do a little hiking. I can't think of anything they could to make it better.
- > I am concerned about threats to open spaces such as a lack of funding.
- > I am not sure. I don't have an answer.
- > I can walk but not now because I have cancer.
- > I cannot really think if anything, I'm very happy with it.
- > I cannot think of anything that would better my experience.
- > I can't pinpoint anything; what is already available is nice.
- > I can't think of anything at this time.
- > I can't think of anything in particular.
- > I can't think of anything right now.
- > I can't think of anything, nothing comes to mind.
- > I can't think of anything, nothing comes to mind.
- > I can't think of anything.
- > I can't think of anything.
- > I can't think of anything.
- > I can't think of anything.
- > I can't think of anything. You just go to see nature and that is it.
- > I can't think of anything. Nothing comes to mind.
- > I do not have any suggestions.
- > I do not know.
- > I don't have any complaints.
- > I don't have any problems with them. I can't think of anything.
- > I don't have any recommendations.
- > I don't have any suggestion.
- > I don't have any suggestions.
- > I don't have any suggestions.
- > I don't know how to answer that.
- > I don't know if you can. Nothing comes to mind.
- > I don't know, it is just good to have an open space, but nothing comes to mind.
- > I don't know.
- > I don't know.
- > I don't know.
- > I don't know.
- > I don't know.
- > I don't know.
- > I don't know. I enjoy them so much, I can't think of anything.
- > I don't know. I just enjoy visiting nature.
- > I like it the way it is.
- > I really cannot say. I am handicapped and cannot go out.
- > I think the parks and spaces are in good shape.
- > I think they are enjoyable enough.
- > I think they are fine.
- > I would enjoy cooler weather next time.
- > I would like nice weather.
- > If I could have more energy.
- > If my leg was better, I could get around more.
- > If they could just keep the side bushes trimmed.
- > I'm happy with the way it is.
- > I'm okay with them right now, I can't think of anything to change.
- > I'm opposed to seeing development take over open spaces.
- > It is such a joy, I can't think of anything to improve.
- > It would be more enjoyable if there were no bears.
- > It's fine as it is.
- > It's good as it is.
- > It's perfect, I like the way it is.
- > Just being able to look at views.
- > No, it's great now.
- > Not having to worry about the coyotes.

- > Nothing at all, nothing comes to mind.
- > Nothing comes to mind.
- > Nothing comes to mind.
- > Nothing, it's good as it is.
- > Perfect weather
- > Really nothing. I think this area is great.
- > Right now I can't think of anything.
- > The county lands that I go to are fine.
- > The way it is fine.
- > There is nothing I can really think of to make it better.

- > There is nothing really that I would add.
- > We need more natural area instead of trying to turn them into a city park.
- > When I voted for open space, I believed it was for animals to have room to live, and that would make it more enjoyable. I feel like there is too much development on so-called open space, because much as we'd like to think wildlife can live us, they can't.

GENERAL AMENITY PREFERENCES

Q8: THE LAST TIME YOU VISITED AN OPEN SPACE OR NATURAL AREA, WERE THERE...
(SIGNS AND MAPS)

	Total	Age class		Gender		How often have you visited an open space in the past year?		
		65 - 74 years old	75 years or older	Male	Female	Occasionally	Somewhat often	Very often
<i>Base</i>	146	90	53	74	72	61	31	54
The last time you visited an open space or natural area, ...								
Too many signs and maps	4%	6%	2%	8%	1%	2%	3%	8%
An appropriate number of signs and maps	83%	81%	84%	80%	85%	83%	81%	84%
Not enough signs and maps	8%	8%	8%	6%	9%	7%	13%	6%
Don't know/Not applicable	5%	5%	6%	6%	4%	8%	3%	2%

Q9: THE LAST TIME YOU VISITED AN OPEN SPACE OR NATURAL AREA, WERE THERE...
(BROCHURES)

	Total	Age class		Gender		How often have you visited an open space in the past year?		
		65 - 74 years old	75 years or older	Male	Female	Occasionally	Somewhat often	Very often
<i>Base</i>	146	90	53	74	72	61	31	54
The last time you visited an open space or natural area, ...								
Too many brochures	-	-	-	-	-	-	-	-
An appropriate number of brochures	57%	53%	69%	58%	57%	53%	70%	56%
Not enough brochures	18%	19%	14%	20%	16%	21%	19%	14%
Don't know/Not applicable	25%	29%	17%	23%	27%	27%	11%	31%

Q10: THE LAST TIME YOU VISITED AN OPEN SPACE OR NATURAL AREA, WERE THERE...
(BENCHES AND PICNIC TABLES)

	<i>Total</i>	Age class		Gender		How often have you visited an open space in the past year?		
		65 - 74 years old	75 years or older	Male	Female	Occasionally	Somewhat often	Very often
<i>Base</i>	146	90	53	74	72	61	31	54
The last time you visited an open space or natural area, ...								
Too many benches and picnic tables	1%	1%	2%	-	3%	1%	3%	-
An appropriate number of benches and picnic tables	66%	64%	68%	71%	61%	62%	62%	73%
Not enough benches and picnic tables	26%	26%	27%	21%	31%	33%	31%	15%
Don't know/Not applicable	6%	8%	4%	8%	5%	4%	3%	12%

Q11: THE LAST TIME YOU VISITED AN OPEN SPACE OR NATURAL AREA, WERE THERE...
(BATHROOMS)

	<i>Total</i>	Age class		Gender		How often have you visited an open space in the past year?		
		65 - 74 years old	75 years or older	Male	Female	Occasionally	Somewhat often	Very often
<i>Base</i>	146	90	53	74	72	61	31	54
The last time you visited an open space or natural area, ...								
Too many bathrooms	-	-	-	-	-	-	-	-
An appropriate number of bathrooms	64%	61%	70%	66%	61%	55%	58%	77%
Not enough bathrooms	29%	31%	24%	23%	35%	36%	35%	18%
Don't know/Not applicable	7%	8%	6%	10%	4%	8%	7%	6%

TRAIL PREFERENCES

TRAIL FEATURES

Q12: WHEN YOU VISIT AN OPEN SPACE OR NATURAL AREA, DO YOU PREFER TO TRAVEL ON... (TRAIL SURFACE TYPE)

	Total	Age class		Gender		How often have you visited an open space in the past year?		
		65 - 74 years old	75 years or older	Male	Female	Occasionally	Somewhat often	Very often
<i>Base</i>	146	90	53	74	72	61	31	54
When you visit an open space or natural area, do you pref...								
Trails made of crushed rock	24%	26%	20%	18%	30%	26%	19%	24%
Trails made of concrete	6%	3%	10%	5%	7%	4%	8%	6%
Trails made of dirt	66%	65%	69%	71%	61%	68%	70%	62%
Don't know/Not applicable	4%	6%	2%	6%	3%	2%	3%	8%

Q13: DO YOU PREFER TO TRAVEL ON TRAILS THAT ARE... (TRAIL WIDTH)

	Total	Age class		Gender		How often have you visited an open space in the past year?		
		65 - 74 years old	75 years or older	Male	Female	Occasionally	Somewhat often	Very often
<i>Base</i>	146	90	53	74	72	61	31	54
Do you prefer to travel on trails that are...								
Wide enough for three people to walk side-by-side	27%	28%	28%	29%	25%	22%	35%	29%
Wide enough for two people to walk side-by-side	55%	52%	57%	49%	60%	68%	52%	41%
Or are wide enough for only one person at a time	14%	14%	15%	16%	12%	9%	10%	22%
Don't know/Not applicable	4%	7%	-	6%	3%	2%	3%	8%

Q14: DO YOU PREFER TO TRAVEL ON TRAILS THAT ARE...
(TRAIL LENGTH)

	<i>Total</i>	Age class		Gender		How often have you visited an open space in the past year?		
		65 - 74 years old	75 years or older	Male	Female	Occasionally	Somewhat often	Very often
<i>Base</i>	146	90	53	74	72	61	31	54
Do you prefer to travel on trails that are...								
Less than one mile long	11%	5%	23%	13%	9%	16%	14%	4%
Between one and three miles long	52%	46%	62%	49%	56%	64%	56%	36%
Greater than three miles long	32%	43%	15%	34%	31%	18%	23%	54%
Don't know/Not applicable	4%	7%	-	4%	4%	2%	7%	6%

TRAIL MANAGEMENT

Q15: IF A TRAIL DID NOT ALLOW BICYCLES, WOULD THAT...

	<i>Total</i>	Age class		Gender		How often have you visited an open space in the past year?		
		65 - 74 years old	75 years or older	Male	Female	Occasionally	Somewhat often	Very often
<i>Base</i>	146	90	53	74	72	61	31	54
If a trail did not allow bicycles, would that...								
Decrease your enjoyment	14%	19%	6%	16%	12%	8%	13%	22%
Not change your enjoyment	27%	29%	27%	24%	31%	30%	17%	30%
Increase your enjoyment	56%	52%	63%	56%	56%	58%	67%	48%
Don't know/Not applicable	2%	1%	4%	3%	1%	4%	3%	-

Q16: IF A MULTI-USE TRAIL REQUIRED ALL BICYCLISTS TO TRAVEL IN THE SAME DIRECTION, BUT OTHER TRAIL USERS WERE NOT RESTRICTED, WOULD THAT...

	<i>Total</i>	Age class		Gender		How often have you visited an open space in the past year?		
		65 - 74 years old	75 years or older	Male	Female	Occasionally	Somewhat often	Very often
<i>Base</i>	146	90	53	74	72	61	31	54
If a multi-use trail required all bicyclists to travel in...								
Decrease your enjoyment	16%	18%	12%	17%	15%	4%	20%	27%
Not change your enjoyment	45%	50%	39%	47%	43%	55%	19%	47%
Increase your enjoyment	28%	24%	32%	22%	35%	32%	41%	17%
Don't know/Not applicable	11%	8%	16%	14%	8%	9%	20%	9%

Q17: IF BICYCLISTS RODE THEIR BICYCLES MORE SLOWLY, WOULD THAT...

	<i>Total</i>	Age class		Gender		How often have you visited an open space in the past year?		
		65 - 74 years old	75 years or older	Male	Female	Occasionally	Somewhat often	Very often
<i>Base</i>	146	90	53	74	72	61	31	54
If bicyclists rode their bicycles more slowly, would that...								
Decrease your enjoyment	9%	7%	12%	8%	11%	6%	9%	12%
Not change your enjoyment	34%	37%	29%	38%	31%	28%	27%	45%
Increase your enjoyment	45%	44%	47%	41%	50%	48%	58%	35%
Don't know/Not applicable	12%	12%	12%	14%	9%	17%	6%	8%

Q18: IF A TRAIL DID NOT ALLOW DOGS, WOULD THAT...

	Total	Age class		Gender		How often have you visited an open space in the past year?		
		65 - 74 years old	75 years or older	Male	Female	Occasionally	Somewhat often	Very often
<i>Base</i>	146	90	53	74	72	61	31	54
If a trail did not allow dogs, would that...								
Decrease your enjoyment	37%	43%	29%	41%	32%	41%	20%	42%
Not change your enjoyment	33%	31%	35%	31%	36%	36%	44%	24%
Increase your enjoyment	26%	25%	28%	23%	29%	22%	30%	30%
Don't know/Not applicable	4%	1%	8%	5%	2%	2%	6%	4%

Q19: THROUGHOUT ALL OF BOULDER COUNTY, ARE THERE...
(NUMBER OF TRAILS)

	Total	Age class		Gender		How often have you visited an open space in the past year?		
		65 - 74 years old	75 years or older	Male	Female	Occasionally	Somewhat often	Very often
<i>Base</i>	146	90	53	74	72	61	31	54
Throughout all of Boulder County, are there...								
Too many trails in open space and natural areas	7%	7%	7%	11%	3%	8%	-	9%
An appropriate number of trails in open space and natural areas	69%	66%	76%	68%	71%	69%	73%	68%
Not enough trails in open space and natural areas	18%	22%	11%	20%	17%	13%	23%	22%
Don't know/Not applicable	6%	6%	6%	2%	9%	10%	3%	2%

FISHING PREFERENCES

The following three tables represent the number of responses to each question rather than the percentage of responses.

Q20: DO YOU PREFER TO FISH FROM...

	Total	Age class		Gender		How often have you visited an open space in the past year?		
		65 - 74 years old	75 years or older	Male	Female	Occasionally	Somewhat often	Very often
<i>Base</i>	7	2	3	5	2	2	2	2
Do you prefer to fish from...								
A natural shoreline	3	-	2	1	2	-	2	1
From a boat or bellyboat	1	1	-	1	-	-	-	1
From a manmade dock or pier	1	1	-	1	-	1	-	-
Don't know/Not applicable	1	-	1	1	-	1	-	-

Q21: DO YOU PREFER TO FISH... (BAIT)

	Total	Age class		Gender		How often have you visited an open space in the past year?		
		65 - 74 years old	75 years or older	Male	Female	Occasionally	Somewhat often	Very often
<i>Base</i>	7	2	3	5	2	2	2	2
Do you prefer to fish...								
With artificial bait and lures	2	1	1	2	-	-	-	2
With live bait including moldable bait such as powerbait	2	-	1	1	1	1	1	-
Don't know/Not applicable	2	1	1	1	1	1	1	-

Q22: DO YOU PREFER TO...
(CATCH AND RELEASE)

	<i>Total</i>	Age class		Gender		How often have you visited an open space in the past year?		
		65 - 74 years old	75 years or older	Male	Female	Occasionally	Somewhat often	Very often
<i>Base</i>	7	2	3	5	2	2	2	
Do you prefer to...								
Practice catch and release fishing	5	1	3	4	1	1	2	
Keep the fish that you catch	2	1	1	1	1	1	-	
Don't know/Not applicable	-	-	-	-	-	-	-	

BARRIERS

Q23: IS VISITING AN OPEN SPACE OR NATURAL AREA WITHIN THE NEXT YEAR SOMETHING YOU...

	Total	Age class		Gender		How often have you visited an open space in the past year?			
		65 - 74 years old	75 years or older	Male	Female	Never	Occasionally	Somewhat often	Very often
<i>Base</i>	205	118	82	91	114	59	61	31	54
Is visiting an open space or natural area within the next...									
Want to do	76%	79%	71%	79%	73%	37%	90%	93%	92%
Do not want to do	8%	5%	13%	5%	11%	28%	-	-	-
Unsure	16%	16%	17%	16%	16%	35%	10%	7%	8%

Q24: WHAT WOULD MAKE VISITING AN OPEN SPACE OR NATURAL AREA MORE APPEALING?

ALL SUGGESTIONS:

- > Because of my age, I cannot walk long distances. I can't think of anything they could do to make it possible for me to walk better to enjoy the open spaces.
- > Being well-kept like in regards to trash pickup.
- > I am ill and not in shape to make trips to places like that.
- > I am in a wheelchair, so no, I can't think of anything.
- > I can't think of anything they could do to make it more appealing. We just don't have the money to spend on gas to get there.
- > I can't think of anything.
- > I can't think of anything.
- > I don't have any suggestions.
- > I don't know, nothing.
- > I don't know.
- > I don't know.
- > I don't know.
- > I don't know.
- > I don't know.
- > I don't know.
- > I don't know. I can't think of anything in particular.
- > I don't know. I'm too old. Nothing comes to mind.
- > I don't like trash, dogs and wildlife.
- > I have no idea.
- > I just don't have the time to visit these areas.
- > I just had leg surgery and it is difficult for me to get around right now.
- > I like to have a place to rest, more bathrooms and water fountains.
- > I really don't know, nothing comes to mind.
- > I think they are fine the way they are.
- > I think walking would be nice.
- > I want good biking opportunities.
- > I would like to have green grass.
- > If I was younger, it would appeal to me.
- > If I was younger, then I would visit.
- > If it was closer, it would be better. Something closer to home would be nice.
- > If there was an easy walking trail, we would use it.
- > If there were not as many regulations, then it might be more desirable for me to visit them.
- > I'm not for open space, it takes land off the tax records and want us to pay taxes for the land. There are National Parks in

- > the area and open space has gotten carried away.
- > I'm not in shape to do it.
- > I'm not suited to it.
- > It has to do with me, not the open space or area. I just don't get out much.
- > My own physical health prevents me from going.
- > No bicycles.
- > Not living in an open space.
- > Nothing at all.
- > Nothing at all. Nothing comes to mind.
- > Nothing in particular at this time.
- > Nothing really. I'm in a wheelchair.
- > Nothing would make it more appealing as I am not an outdoor person.
- > Nothing.
- > Nothing. I just don't want to visit these types of areas.
- > Some of the trails could be better maintained.
- > To feel younger.
- > Well, I spend so much time in the mountains that it really does not matter.
- > Well, I'm not able to do that anymore.

Q25: DOES ANYTHING PREVENT YOU FROM VISITING OPEN SPACE OR A NATURAL AREA?

	Total	Age class		Gender		How often have you visited an open space in the past year?			
		65 - 74 years old	75 years or older	Male	Female	Never	Occasionally	Somewhat often	Very often
<i>Base</i>	<i>151</i>	<i>75</i>	<i>71</i>	<i>57</i>	<i>94</i>	<i>59</i>	<i>61</i>	<i>31</i>	<i>-</i>
Does anything prevent you from visiting open space or a n...									
Yes	39%	31%	49%	37%	40%	45%	40%	23%	-
No	61%	69%	51%	63%	60%	55%	60%	77%	-
Unsure	-	-	-	-	-	-	-	-	-

Q26: WHAT, IF ANYTHING, WOULD MAKE IT EASIER TO VISIT OPEN SPACE OR A NATURAL AREA?

- > An easier walking trail.
- > At the moment, I have to use a cane and it's hard to get around so having wooden trails available would make it easier to visit.
- > At this point, it is just health that limits me and my wife.
- > Distance can sometimes interfere.
- > I am a little bit handicapped.
- > I am handicapped and rely on a walker. I think there is a lack of handicapped facilities like benches and picnic areas and fishing facilities.
- > I am legally blind and no transportation to get there.
- > I am not sure of anything that would make it easier.
- > I am physically handicapped.
- > I am somewhat limited on steep trails because I have a heart condition.
- > I cannot because of my health.
- > I cannot walk long distances.
- > I can't think of anything.
- > I care for my elderly mother and cannot leave her here. I am housebound due to caring for her.
- > I don't have a husband and I don't feel safe traveling alone.

- > I don't have any suggestions.
- > I don't know, again my age will not allow me to do so.
- > I don't know. I have some physical limitations, but there is also time constraints that prevent me from going. I have not been to any in this area yet so I don't know if they offer them or not, but wheelchair accessible areas would be great and paved trails would help also. I enjoy going to open spaces and am all for them. Whatever they can do to help someone who cannot walk to enjoy them more would be of help.
- > I feel and cannot move around too well.
- > I feel bad weather would prevent me from going.
- > I feel it is the weather if I cannot go.
- > I had an injury.
- > I have health problems that prevent me from going.
- > I have terminal cancer.
- > I have trouble with my knees.
- > I just don't have the time.
- > I know several trails are partly accessible to wheelchairs, but it is too difficult.
- > I need more motivation to go.
- > I need more time to visit these areas.
- > I think at my age the steepness of the trails might prevent me from visiting.
- > I think if I was not as old as I am.
- > I think they should stay the way they already are.
- > I would like for it to be more easily accessible.
- > If I had better health.
- > If I had better mobility.
- > If there were concrete trails that would make my visit more enjoyable. Also, if it was not too hilly so that people could push my wheelchair on the trail easily.
- > I'm in a wheelchair, so it is hard to get around.
- > I'm just very busy, and I have too much to do. I also have a few health issues that limit me.
- > Just open the ones that are closed to me.
- > My age and instability restrict me.
- > My age inhibits visiting an open space because I no longer drive.
- > My health to improve.
- > My husband's health prevents me.
- > My leg.
- > My walking abilities sometimes does limit when I can get out there.
- > No, if I do anything it's just once in a great while. My health is too poor.
- > Nothing. My age holds me back.
- > Nothing. Old age, that is all.
- > Only time and not being able to physically do what I used to do.
- > Physical limitations.
- > Right now it is my physical condition.
- > Sometimes excessive walking can get in the way.
- > The are too many people and police around in the open spaces.
- > The lack of a personal vehicle inhibits my ability to visit open space.
- > They have too much volleyball, and too much activity.
- > Time and health prevent me from going.
- > Warnings of lion sightings.
- > Well, I use to go out to open space and I use to eat my lunch at open space land when I was working. But, now I go to a private lake that has open space all the way around it.

USES OF OPEN SPACE

Q27: IS USING OPEN SPACE TO PROVIDE OUTDOOR RECREATION OPPORTUNITIES SOMETHING YOU WOULD...

	Total	Age class		Gender		How often have you visited an open space in the past year?			
		65 - 74 years old	75 years or older	Male	Female	Never	Occasionally	Somewhat often	Very often
<i>Base</i>	205	118	82	91	114	59	61	31	54
Is using open space to provide outdoor recreation opportu...									
Strongly oppose	5%	6%	5%	6%	5%	11%	5%	3%	2%
Slightly oppose	9%	8%	12%	8%	10%	10%	11%	10%	5%
Slightly support	21%	16%	29%	21%	21%	22%	23%	30%	13%
Strongly support	61%	67%	51%	63%	59%	54%	58%	53%	76%
Don't know	3%	4%	3%	2%	4%	3%	3%	3%	4%

Q28: IS USING OPEN SPACE TO MAINTAIN WILDLIFE HABITAT SOMETHING YOU WOULD...

	Total	Age class		Gender		How often have you visited an open space in the past year?			
		65 - 74 years old	75 years or older	Male	Female	Never	Occasionally	Somewhat often	Very often
<i>Base</i>	205	118	82	91	114	59	61	31	54
Is using open space to maintain wildlife habitat somethin...									
Strongly oppose	5%	6%	3%	7%	3%	4%	5%	6%	4%
Slightly oppose	6%	5%	6%	8%	4%	5%	5%	3%	8%
Slightly support	18%	14%	22%	18%	18%	24%	22%	9%	12%
Strongly support	71%	73%	68%	66%	75%	64%	68%	81%	76%
Don't know	1%	1%	1%	1%	1%	3%	-	-	-

Q29: IS USING OPEN SPACE TO SUPPORT LOCAL AGRICULTURE SOMETHING YOU WOULD...

	Total	Age class		Gender		How often have you visited an open space in the past year?			
		65 - 74 years old	75 years or older	Male	Female	Never	Occasionally	Somewhat often	Very often
<i>Base</i>	<i>205</i>	<i>118</i>	<i>82</i>	<i>91</i>	<i>114</i>	<i>59</i>	<i>61</i>	<i>31</i>	<i>54</i>
Is using open space to support local agriculture somethin...									
Strongly oppose	7%	7%	7%	7%	7%	10%	4%	12%	4%
Slightly oppose	13%	16%	9%	12%	14%	8%	18%	12%	12%
Slightly support	27%	25%	32%	31%	25%	27%	24%	38%	26%
Strongly support	43%	43%	41%	46%	40%	39%	45%	25%	55%
Don't know	10%	9%	11%	4%	15%	16%	8%	12%	4%

Q30: AMONG THE FOLLOWING THREE ITEMS, WHICH USE OF OPEN SPACE WOULD YOU MOST STRONGLY SUPPORT?

	Total	Age class		Gender		How often have you visited an open space in the past year?			
		65 - 74 years old	75 years or older	Male	Female	Never	Occasionally	Somewhat often	Very often
<i>Base</i>	<i>205</i>	<i>118</i>	<i>82</i>	<i>91</i>	<i>114</i>	<i>59</i>	<i>61</i>	<i>31</i>	<i>54</i>
Among the following three items, which use of open space ...									
To provide outdoor recreation opportunities	42%	43%	41%	49%	37%	30%	40%	57%	49%
To maintain wildlife habitat	37%	39%	33%	30%	42%	32%	43%	32%	38%
To support local agricultural	12%	12%	13%	19%	7%	19%	12%	4%	10%
Do not support any of these items	4%	3%	5%	1%	6%	8%	4%	-	2%
Don't know/Not applicable	5%	3%	8%	1%	8%	11%	1%	6%	2%

DEMOGRAPHICS

Q1: IN WHICH CITY OR TOWN DO YOU CURRENTLY LIVE?

	Total	Age class		Gender		How often have you visited an open space in the past year?			
		65 - 74 years old	75 years or older	Male	Female	Never	Occasionally	Somewhat often	Very often
<i>Base</i>	205	118	82	91	114	59	61	31	54
In which city or town do you currently live? You can also...									
Boulder	44%	39%	49%	42%	45%	45%	37%	46%	49%
Erie	1%	1%	1%	1%	1%	2%	-	-	2%
Jamestown	-	-	-	-	-	-	-	-	-
Lafayette	6%	8%	3%	8%	3%	9%	3%	7%	4%
Longmont	23%	23%	25%	23%	23%	22%	33%	32%	9%
Louisville	4%	2%	8%	1%	6%	6%	6%	-	2%
Lyons	2%	2%	3%	3%	2%	2%	3%	-	2%
Nederland	1%	2%	-	2%	-	-	-	-	4%
Superior	0%	-	1%	-	1%	-	-	3%	-
Unincorporated Boulder County	15%	20%	8%	18%	13%	12%	16%	10%	22%
Ward	-	-	-	-	-	-	-	-	-
Other	3%	3%	2%	1%	4%	3%	2%	-	4%
Refuse	1%	1%	1%	-	2%	-	-	3%	2%

Q2: HOW MANY YEARS HAVE YOU LIVED IN BOULDER COUNTY?

	Total	Age class		Gender		How often have you visited an open space in the past year?			
		65 - 74 years old	75 years or older	Male	Female	Never	Occasionally	Somewhat often	Very often
<i>Base</i>	205	118	82	91	114	59	61	31	54
How many years have you lived in Boulder County?									
15 or less	20%	20%	19%	13%	25%	16%	19%	31%	17%
16 - 30	21%	23%	17%	26%	17%	19%	21%	21%	24%
31 - 45	30%	34%	24%	31%	30%	34%	26%	23%	35%
More than 45	29%	23%	40%	30%	29%	32%	34%	25%	23%

Q31: WHAT IS YOUR AGE?

	Total	Gender		How often have you visited an open space in the past year?			
		Male	Female	Never	Occasionally	Somewhat often	Very often
<i>Base</i>	200	90	110	57	59	30	54
Age class							
65 - 74 years old	59%	63%	55%	48%	52%	55%	79%
75 years or older	41%	37%	45%	52%	48%	45%	21%

Q32: ARE YOU CURRENTLY RETIRED?

	<i>Total</i>	Age class		Gender		How often have you visited an open space in the past year?			
		65 - 74 years old	75 years or older	Male	Female	Never	Occasionally	Somewhat often	Very often
<i>Base</i>	205	118	82	91	114	59	61	31	54
Are you currently retired?									
Yes	83%	78%	94%	82%	85%	93%	83%	70%	81%
No	10%	15%	2%	11%	9%	5%	8%	13%	16%
Semi-retired	6%	6%	4%	6%	5%	2%	5%	17%	4%
Refuse	1%	1%	-	1%	1%	-	3%	-	-

Q33: WHAT IS YOUR GENDER?

	<i>Total</i>	Age class		How often have you visited an open space in the past year?			
		65 - 74 years old	75 years or older	Never	Occasionally	Somewhat often	Very often
<i>Base</i>	205	118	82	59	61	31	54
Gender							
Male	44%	48%	40%	29%	49%	34%	62%
Female	56%	52%	60%	71%	51%	66%	38%

APPENDIX B: SURVEY INSTRUMENT
