

Regional and Neighborhood Trails Visitor Study

Michelle Marotti, Education & Outreach Specialist
Jenna Wooten, Visitor Study Intern



Parks &
Open Space

Contents

Acknowledgments	1
Executive Summary	1
Introduction.....	2
Purpose.....	2
Background.....	2
Methods	3
Survey Design	3
Data Collection and Sampling.....	4
Rounding Results	4
Results	5
Visitor Activities.....	6
Mode of Transportation	7
Parking.....	8
Social Group.....	8
Frequency of Visits	9
Park Rating.....	9
Suggested Improvements.....	10
Conflicts	11
Number of Trail Miles.....	13
Crowding Perception.....	14
Trail Surface.....	15
Mowing.....	16
Respondent Age	17
Residency.....	18
Length of Boulder County Residency	20
Reported Race & Ethnicity.....	20
Comments	22
Individual Property Results.....	23
Boulder Canyon Trail	23
Coal Creek Trail.....	24
Longmont-to-Boulder (LoBo) Trail.....	25
Niwot Trails.....	26
Rock Creek Trail	27

Twin Lakes	28
Appendix A: Survey.....	29
Appendix B: Top “One Improvement” Comments	35
Appendix C: Conflict Today.....	36
Appendix D: “Anything Else” Positive Comments	38
Appendix E: “Anything Else” Suggestions.....	44
Sources	49

Acknowledgments

Boulder County Parks & Open Space would like to thank Jenna Wooten, whose many hours of survey collection, data entry, and analysis made this study a success. The department would also like to thank the visitors to Boulder County's regional and neighborhood trails who took the time to complete the survey.

Executive Summary

Boulder County Parks & Open Space (BCPOS) conducted a demographics and satisfaction survey of visitors on regional and neighborhood trails.

The Regional and Neighborhood Trails Visitor Study is designed to complement the Five Year Visitor Studies (5YS) conducted at BCPOS park properties that look at long-term trends in visitor demographics, preferences, attitudes, and behaviors.

Surveys were collected during the spring and summer of 2022. A BCPOS visitor study intern collected 942 surveys (response rate 52%) at three regional and three neighborhood trails.

The key findings from this survey indicate that the average visitor to BCPOS regional and neighborhood trails:

- ▶ Lives in Boulder County (81%) and has lived there for 10 or more years (55%)
- ▶ Likely lives in Boulder (27%), Lafayette (15%), Longmont (12%), or Niwot (12%)
- ▶ Is 45 years and older (64%)
- ▶ Self-identifies as white (90%)
- ▶ Traveled to a BCPOS regional or neighborhood trail using human-powered transportation (68% biking, walking, or running), compared to 34% that drove to the trail

Visitors to BCPOS regional and neighborhood trails tend to visit alone (55%) or with family (31%). They generally visit the trail more than once a week (45%) or weekly (17%). Only 13% of visitors reported that it was their first time at that trail.

The visitor was primarily biking (42%) or hiking (27%). Moreover, the average visitor did not experience conflict with other visitors on the trail (93%), and seven out of 10 visitors did not feel crowded while on the trail. On a scale of 1 (poor) to 10 (excellent), visitors rated BCPOS neighborhood and regional trails an average of 8.9, which is slightly lower than the ratings for park properties from 2021's 5YS rating of 9.0.

In reference to the park they were visiting, 66% of visitors described the number of trail miles as being about right. Lastly, 85% of visitors reported they prefer crushed rock over concrete for the trail surface, and slightly more visitors reported a preference for the edges of the trail to be mowed (40%) than not (34%). These data and more, as well as comparisons to the surveys collected in 2021 during the 5YS, are presented in this report.

Introduction

Purpose

The objective is to collect a representative sample of regional and neighborhood trail visitors to look at long-term trends and better understand:

- Demographics (e.g., place of residency, age, ethnicity)
- Visitation patterns (e.g., visitor activities, mode of transportation, frequency of visitation)
- Satisfaction with park experience and management practices
- Conflict and crowding

Background

Every year, BCPOS conducts ongoing studies to determine the estimated number of visits to major parks, the activities in which visitors participate, and where and when they visit parks and trails. Additionally, to gather more specific information about park visitors, BCPOS has conducted a complementary study of parks, regional, and neighborhood trails every five years since 1990. This marks the first time that surveys at BCPOS parks (e.g., Caribou Ranch, Ron Stewart Preserve at Rabbit Mountain) were done separately from surveys along regional and neighborhood trails (e.g., LoBo Trail, Niwot Trails). Because of the COVID-19 pandemic, the 5YS study at BCPOS parks was delayed a year and conducted in 2021. The surveys for regional and neighborhood trails were completed the following year in 2022.



Research shows that using a mixed-methods approach, with both qualitative and quantitative questions, is the most comprehensive way to analyze visitor opinions (Creswell 2002, DeLeeuw 2005). Visitors have different preferences, motivations, attitudes, and values toward the outdoors (Scott & Shafer, 2001). Visitors to outdoor recreation areas place value on trails and other activities as they relate to their quality of life (Jacob and Schreyer 1980, Manning 1999, Watson 2001).

Questions about visitor demographics can provide information about how BCPOS visitors reflect the greater community. The goal of the BCPOS Cultural Responsiveness and Inclusion Strategic Plan (CRISP) is to add a cultural responsiveness and inclusion lens to all that we do in our engagement with the public. Over time, demographic information compared to U.S. Census data can serve as one indicator of the effectiveness of efforts and projects to improve access to underserved communities and reduce the diversity gap (Flores et al., 2018).

In 2003, BCPOS conducted a conflict study, where conflict was defined by Jacob & Schreyer (1980) as “goal interference attributed to another person’s behavior,” where the “goal” is the visitor’s main reason for recreating. Current information about conflict is used to evaluate visitor satisfaction and guide appropriate management decisions. Satisfaction can be based on how closely visitor expectations match outcomes (Manning, 2001).

Related to conflict, perceived crowding in parks is a subjective evaluation of visitor density (Heberlein and Vaske, 1977). By evaluating conflict and crowding, staff can implement information and education efforts to change unwanted or unsustainable behavior on trails (Schneider, 2000).

Methods

Survey Design

The survey was designed for each respondent to fill out individually. Questions were written to remain similar to previous surveys, to investigate current issues in BCPOS, and to ask questions specific to the trails being surveyed. This report shows results from the six trails surveyed during the spring and summer of 2022.

The decision to separate out regional and neighborhood trails was made because visitation trends and visitor demographics differ significantly from parks. Additionally, regional and neighborhood trails have numerous entry and exit points and are better suited for an intercept survey rather than an exit survey. This also provided the opportunity to ask a couple questions designed specifically for these trails while excluding questions that do not apply.

Data Collection and Sampling

In 2022, 942 valid surveys were collected between May 28 and September 28. Each survey was collected by a visitor study intern wearing both a nametag and a BCPOS logo shirt for identification. Signs stating that there was a “visitor study ahead” were brought to each location to let the visitors know ahead of time that they will be asked to stop, and incentives (BCPOS notepads, bike bells, popsicles) were offered to encourage participation.

For the intercept surveys, locations were determined beforehand, either near a parking area, trailhead, or along a section of trail. Every trail, except for Niwot Trails, had two surveying locations. For the integrity of the survey sample, every other visitor was asked to participate on very busy days, while an attempt to survey all visitors was made on slower days.

Survey shifts were two-hours long, conducted in the morning (8:00 a.m.-11:59 a.m.), afternoon (12 p.m.-3:59 p.m.), and evening (4 p.m.-7:59 p.m.). The two-hour segments were selected by the visitor study intern and were spread out to ensure even sampling. Survey shifts were conducted during all three time periods and on both weekends and weekdays. If extenuating circumstances arose and the shift needed to be canceled, it was rescheduled for the same time period for the next available weekday or weekend day.

Table 1: Sample Size by Trail

Trail	Sample Size
Boulder Canyon Trail	163
Coal Creek Trail	185
LoBo Trail	160
Niwot Trails	148
Rock Creek Trail	100
Twin Lakes	186
Total	942
Margin of Error	+/-3.16%

All the BCPOS properties listed in Table 1 are categorized as regional or neighborhood trails. A sample of 942 surveys gave us a +/-3.16% estimated margin of error with a confidence level of 95%.

Rounding Results

When respondents were asked to “select all that apply,” it is possible that the total could exceed 100% in a graph or table because some participants selected multiple categories. Answers for all questions, excluding the trail rating, were rounded to the nearest whole number. Because of rounding, some multiple-choice questions, in which only one answer could be selected, may not total exactly 100%.



Results



Results¹

The department collected 956 surveys out of 1,821 attempted surveys, which resulted in an overall response rate of 52%. Of the 956 surveys collected, 942 were completed, deemed valid, and used in the study. A total of 168 hours was spent across 85 survey sessions on the trails. As such, about 5.7 surveys were collected per hour.

For every attempted survey that a visitor declined, staff recorded the apparent or communicated reason for refusal of the survey. Table 2 shows the reasons given for refusing to complete the survey by visitor activity.

Table 2: Top Reasons for Refusal

	Hikers	Bikers	Runners	Other Activity	Total	% of refusals
	# of respondents					
Did not stop	8	443	78	1	530	61%
No time	75	63	20	0	158	18%
Not interested	104	21	2	0	127	15%
Other	33	15	2	0	50	6%
Total	220	542	102	1	865	100%
% of Total	25%	63%	12%	<1%		

The most common “other” reasons for refusal, in order of frequency, include:

- Weather: too cold, rain, etc.
- The visitor was on the phone

Table 3: Refusal by Property

Trail	Total # of Survey Shifts	Total # of Refusals	Rate of Refusal
Boulder Canyon Trail	12	186	15.5
Coal Creek Trail	12	165	13.8
LoBo Trail	16	179	11.2
Niwot Trails	15	86	5.7
Rock Creek Trail	17	141	8.3
Twin Lakes	13	108	8.3
Total	85	865	10.2

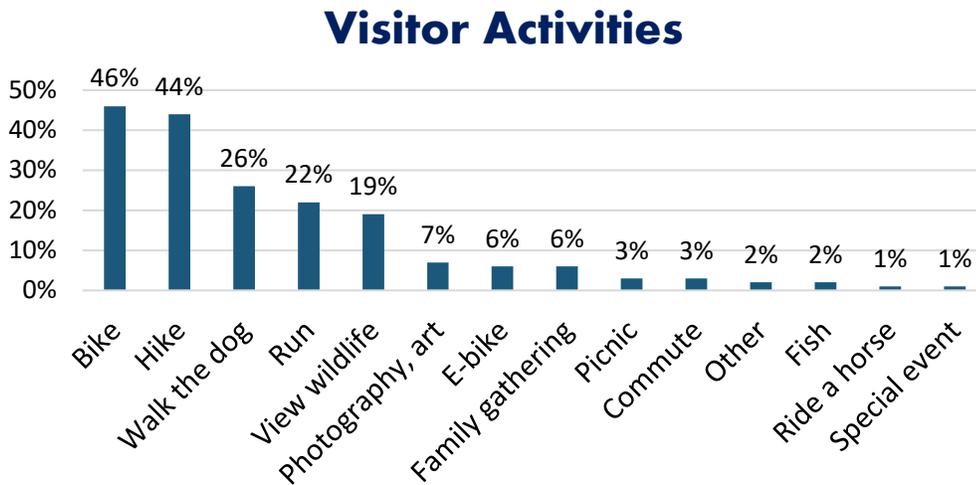
¹ Percentages were rounded to the closest whole number, so totals for every data table may not add up to 100 percent.

The trail with the greatest rate of refusal was the Boulder Canyon Trail, with about 16 visitors refusing to take the survey for every survey shift conducted. The trail with the lowest refusal rate was Niwot Trails, with only about six visitors refusing to take the survey per survey shift on average.

Visitor Activities

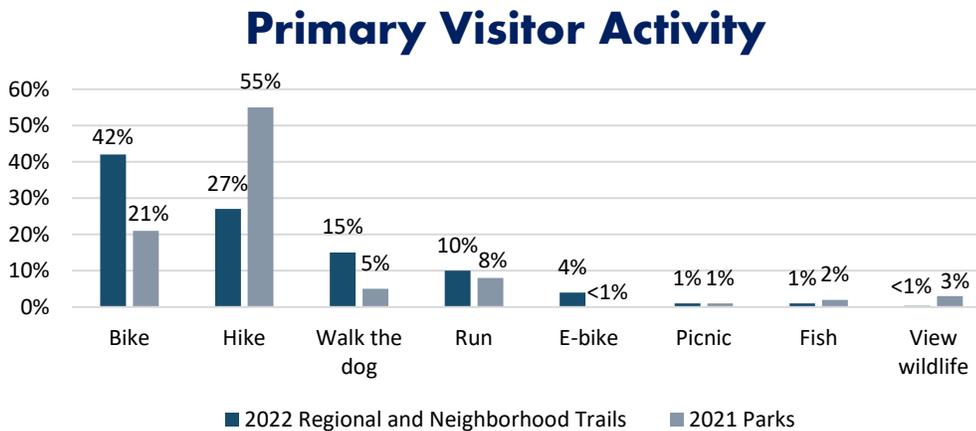
Which activities did you participate in today on this trail?

Figure 1: All Visitor Activities



Above, CIRCLE your primary activity for today?

Figure 2: Primary Visitor Activity²



² Other responses, including riding a manual or powered wheelchair, family gathering, and commuting, are not shown because of low response rates and because some of those categories are not comparable to 2021.

Survey respondents were asked to list all activities they participated in on the trail that day, as well as circling their primary activity. If only one activity was selected and none was circled, that single activity was counted as the primary activity for that respondent.

When comparing the results of surveys collected at parks in 2021 and regional and neighborhood trails in 2022, the top two primary visitor activities differ. On the regional and neighborhood trails, biking was the most common primary activity (42%), and hiking was the second most common (27%). Respondents from the regional and neighborhood trails also had more visitors participating in walking the dog (15%), running (10%), and e-biking (4%).

The most common responses for the “other” category were yoga, socializing, sitting by or playing in the water, riding a wheelchair/scooter, and viewing plants.

Mode of Transportation

How did you get to this trail today?

Table 4: Mode of Transportation

Mode of Transport	2022 Regional and Neighborhood Trails	2021 Parks
Bike	38%	7%
Vehicle	34%	89%
Hike/Walk	24%	3%
Run	6%	2%

The percentage of respondents that reported using human-powered transportation (biking, hiking, and running) was 68% on regional and neighborhood trails, compared to 12% at parks.

The trails with the highest percentage of visitors biking to the trail include the LoBo Trail (57%) and the Rock Creek Trail (78%). The Boulder Canyon Trail had the highest percentage of visitors driving (57%) to the trail.

The 34% of respondents that indicated they drove to the trail were asked how many people were in the car, including the driver. At regional and neighborhood trails, about half of vehicles contained two or more occupants (52%) and the other half were alone (48%). In contrast, visitors to parks were more likely to carpool to trailheads, with 61% of vehicles containing two or more occupants. Regional and neighborhood trails had an average of 1.7 people per vehicle compared to two people per vehicle for parks.

Parking

How easy or difficult was it to find a parking spot?

Table 5: Parking

	2022 Regional and Neighborhood Trails			2021 Park Properties		
	2022 Average	2022 Weekends	2022 Weekdays	2021 Average	2021 Weekends	2021 Weekdays
Very Easy	65%	60%	71%	64%	58%	73%
Easy	25%	31%	18%	27%	30%	22%
Neutral	7%	6%	8%	7%	8%	5%
Difficult	3%	3%	3%	2%	3%	<1%
Very Difficult	<1%	0%	1%	<1%	1%	<1%

Respondents who drove to the trails were asked to rate how easy or difficult it was to find parking. Because this study was an intercept survey, visitors that could not find parking and left the property are not represented. Less than 4% of respondents reported parking as difficult or very difficult.

Vehicle drivers to regional and neighborhood trails were also asked to report where they parked, and 69% reported parking in a parking lot, and 31% reported parking on the road. Many more visitors to neighborhood and regional trails park along roads compared to parks where only 4% reported parking along the road outside of the trailhead.

Social Group

Which of the following best describes who traveled here with you today?

Table 6: Respondents' Social Group

Social Group	2022 Regional and Neighborhood Trails	2021 Parks
Just me	55%	33%
Family	31%	44%
Friends	14%	25%
Organized group	1%	1%

Visitors to regional and neighborhood trails are more likely to be alone (55%) than visitors to parks (33%). If they are not alone, they are more likely to be visiting with a family member (31%) than friends (14%).

Frequency of Visits

In the past year, how often have you visited this trail?

Table 7: Frequency of Visitation

	2022 Regional and Neighborhood Trails	2021 Parks
First time here	13%	31%
Once or twice in the past year	9%	18%
About once a season	3%	7%
About once a month	12%	18%
About once a week	17%	14%
More than once a week	45%	13%

Survey respondents to regional and neighborhood trails visit much more frequently than those at parks. At regional and neighborhood trails, 74% of visitors go monthly, weekly, or more than once a week, compared to 45% of visitors at parks in 2021. Additionally, about one third of visitors to parks are first-time visitors, whereas only one in 10 visitors to regional and neighborhood trails are visiting for the first-time.

Park Rating

How would you rate this trail overall on a scale of 1 to 10, with 1 being poor and 10 being excellent?

Table 8: Park Rating

	2022 Regional and Neighborhood Trails	2021 Parks
Average Overall Rating	8.9	9.0

Individual property ratings can be found in the Individual Property Analysis (p. 23). The two highest rated trails are the LoBo Trail and the Coal Creek Trail, with a rating of 9 out of 10. The lowest rated trail was the Rock Creek Trail with a rating of 8.5 out of 10.

Visitors were then asked why they rated the park the way they did, the top results of which are displayed below in Table 9.

Table 9: Top Three Reasons Cited for Park or Trail Rating Across All BCPOS Properties

2022 Regional and Neighborhood Trails	2021 Park Properties
Well maintained	Aesthetic beauty, scenery, views, specific natural feature (e.g., wildlife, creek)
Aesthetic beauty, scenery, views	Good trails/hike/park
Good/great trail, love the trail, nice	Well maintained, clean

See the Individual Property Analysis (p. 23) for a list of the top cited qualitative reasons for each property’s rating.

Suggested Improvements

Name one improvement that would make your visit to this trail more enjoyable.

Participants were asked to write one thing that would improve their visit. A total of 81% of visitors (762 people) listed a response to the question. All answers were grouped into categories of similar responses. Twenty-four percent of visitors (171 people) that responded wrote “nothing.” Some visitors provided more than one suggested improvement in their response.

The top 10 most common responses are listed by general categories in Table 10.

See Appendix C (p. 36) for a complete list of the top five suggested improvements for each property surveyed.

Table 10: Percentage of comments offered

	2022 Regional and Neighborhood Trails	2021 Parks
Comments	52%	53%
Blank	24%	24%
None or good job	24%	23%

Table 11: Most Common Suggested Improvements

2022 Regional and Neighborhood Trails	# of comments
Trail maintenance Including weather erosion, winter maintenance, loose gravel, clearing debris, muddy underpasses, trimming trees	89
More or longer trails Including more connections, single track trails, mountain bike trails	53
More trash cans, trash removal	47
Add shade or more trees	43
Signage or wayfinding Including directional signs, rules and regulations, mile markers, ecological signs, better maps	37
Better bathrooms	36
Provide water fountain	35
More benches or picnic tables	28
More etiquette Including instructing users on proper etiquette, having bikers call out or use a bell to signal approach	23
Limit or ban e-bikes	17
Better safety Fewer street crossings, better lighting, better security, cameras, blind corners	17

Conflicts

Sometimes, visitors interfere with one another’s goals on the trail, causing unpleasant experiences. This is generally referred to as “conflict.” Did you experience conflict on the trail today?

Table 12: Conflict Today

	2022 Regional and Neighborhood Trails	2021 Parks
No	93%	95%
Yes	5%	3%
Not Sure	2%	2%

The percentage of visitors who experience conflict is 2% higher on regional and neighborhood trails than at parks. Out of 937 respondents who answered this question, 42 respondents reported conflict and explained what occurred. If the participant answered yes to this question, they were also asked to describe the conflict in an open-ended question, with the top responses displayed in Table 13. See Appendix D (p. 37) for a complete list of conflicts for each property surveyed.

Table 13: Top Conflicts Reported That Day

2022 Regional and Neighborhood Trails	2021 Park Properties
Biker’s speed or communication	Right of way or sharing issues
Right of way or sharing issues	Bad dog behavior
Bad dog behavior	Biker’s speed or communication
General biker conflict	Bikers not yielding
Crowding	Crowding

A more detailed explanation of each category of conflict is as follows:

1. “Biker’s speed or communication”

- Fast bikers
- Bikers not communicating with other trail users

2. “Right of way or sharing issues”

- People taking up the entire width of the trail
- People not yielding to other trail users

3. “Bad dog behavior”

- Dogs off leash
- Uncontrolled or unfriendly dogs

4. “General biker conflict”

- Bikes scaring pedestrians
- Unpleasant interactions with bikers

5. “Crowding”

- Too many people
- Trail is too busy

Number of Trail Miles

Thinking only of this trail, how would you describe the number of trail miles here, on a scale of 1 to 5, with 1 being not enough and 5 being too many?

Table 14: Number of Trail Miles at This Park

	2022 Regional and Neighborhood Trails	2021 Park Properties
1: Not Enough	12%	8%
2	15%	15%
3: About Right	66%	69%
4	3%	3%
5: Too Many	<1%	<1%
Not Sure	3%	5%
Blank	<1%	1%

The majority of visitors to both regional and neighborhood trails in 2022 and parks in 2021 indicate the number of trail miles was about right. Regional and neighborhood trails have 4% more respondents that indicated there were “not enough trail miles.”

The Coal Creek Trail had the highest percentage of respondents who reported “about right” for the number of trail miles (74%) and the Rock Creek Trail had the highest percentage of respondents who reported “not enough trail miles” (16%).



Crowding Perception

While visiting this park today, did you feel crowded?

Table 15: Crowding Perception

	2022 Regional and Neighborhood Trails	2021 Park Properties
Not at all Crowded	70%	75%
Slightly Crowded	19%	16%
Somewhat Crowded	8%	4%
Moderately Crowded	3%	3%
Very Crowded	<1%	<1%
Not Sure	<1%	1%

Table 16: Crowding Perception on Weekends versus Weekdays

2022 Regional and Neighborhood Trails	Weekends (Saturday - Sunday)	Weekdays (Monday - Friday)
Not at all Crowded	62%	79%
Slightly Crowded	23%	15%
Somewhat Crowded	10%	5%
Moderately Crowded	4%	1%
Very Crowded	1%	<1%
Not Sure	<1%	0%

The majority of visitors, both on weekdays and during weekends, reported feeling not at all crowded on the trail (79% and 62% respectively). A higher percentage of respondents reported feeling slightly crowded, somewhat crowded, moderately crowded, and very crowded on weekends over weekdays (38% and 21%), but visitation to trails is also higher on weekends.

Trail Surface

When you visit a regional or neighborhood trail, what is your preference for the trail surface?

Table 17: Trail Surface Preference

What is your preferred trail surface?	2022 Regional and Neighborhood Trails
Crushed Rock	85%
Concrete	5%
Not Sure	10%

This is a new question asked in 2022, so there is no previous data for comparison. Out of the 886 respondents who answered this question, 85% prefer crushed rock over concrete. The Niwot Trails had the highest percentage of visitors who prefer crushed rock (91%), while the Coal Creek Trail had the highest percentage of visitors who prefer concrete (9%).

If participants answered this question, they were then asked to explain why they prefer that specific surface. Eighty-three percent of respondents who chose their preferred trail surface provided reasoning as to why.

Free response answers were grouped into similar categories and are as follow:

Crushed Rock:

- More natural (135 comments)
- Better for specific activity; i.e., running, biking, hiking, etc. (121 comments)
- Less impact on body (117 comments)
- Better for bike or tire type (65 comments)
- Softer or more cushion (60 comments)

Concrete:

- Better for bike or tire type (11 comments)
- Better conditions (9 comments)
- Smoother (5 comments)
- Better for specific activity (5 comments)
- Safety or fewer injuries (4 comments)

Not Sure:

- Like both surfaces or no preference (31 comments)
- It depends on location, activity, etc. (12 comments)
- Prefer dirt (8 comments)

Mowing

When you visit a regional or neighborhood trail, do you want the vegetation mowed along the trail edges?

Table 18: Mowing Preference

Do you want the edges of the trail mowed?	2022 Regional and Neighborhood Trails
Yes	40%
No	34%
Not Sure	26%

This is a new question being asked in 2022, so there is no previous data for comparison. Out of the 918 respondents, 40% prefer the edges of the trail to be mowed. The trail with the highest percentage of visitors who prefer the edges of the trail to be mowed is the LoBo Trail (51%). The trail with the highest percentage of visitors who prefer the edges of the trail not to be mowed is the Boulder Canyon Trail (51%).

If participants answered this question, they were then asked to explain why they prefer the trail edges to be mowed or not mowed. Sixty-three percent of visitors provided reasoning for their choice.

Free response answers were grouped into similar categories and are as follow:

Yes:

- Better visibility of snakes and other wildlife along trail (52 comments)
- Easier passing (34 comments)
- Visibility (28 comments)
- Fewer insects or ticks (28 comments)
- Encroaching vegetation or overgrowth (28 comments)

No:

- More natural (109 comments)
- Best for wildlife or vegetation (23 comments)
- Unnecessary (16 comments)
- Like to see native plants or wildflowers (13 comments)
- No strong opinion (9 comments)

Not Sure:

- No strong opinion (60 comments)
- It depends on location, activity, etc. (29 comments)
- Whatever is best for wildlife or vegetation (10 comments)

Respondent Age

What is your age?

Table 19: Respondent Age versus Census Data

	2022 Regional and Neighborhood Trails	2021 Park Properties	Boulder County Census
16-19	<1%	2%	8% ³
20-24	3%	5%	10%
25-34	16%	19%	14%
35-44	16%	20%	12%
45-54	21%	18%	13%
55-64	23%	18%	13%
65 and older	20%	18%	15%

All respondents were asked to report their age. Those under 16 years of age are legally unable to complete the survey. Compared to the census, there were more visitors in 2022 in all age groups except 16-19 years old and 20-24 years old. There are significantly fewer visitors in the aforementioned age groups compared to both the census and the 2021 data. Compared to the park surveys, there are more regional and neighborhood trail visitors in the 45-54 age group, the 55-64 age group, and those 65 and older.



³ The 2019 U.S. Census American Community Survey 1-Year Estimates used an age range of 15-19 years old, in comparison to Boulder County's 5YS that used 16-19 years old as an age range.

Residency

Where do you live?

Figure 3: City or Town of Residence

Visitor Residency

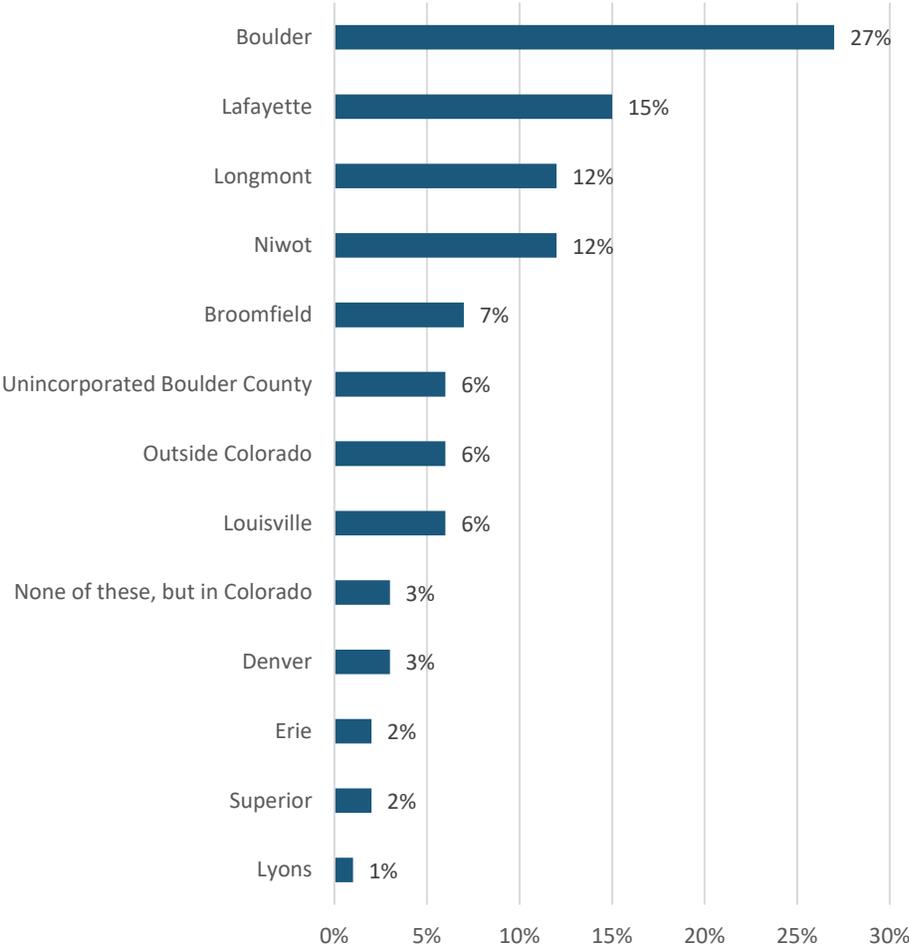


Table 20: Visitor Residency versus Boulder County Census Data

	2022 Regional and Neighborhood Trails	2021 Park Properties	Boulder County Census Data ⁴
Boulder	27%	24%	33%
Longmont	12%	20%	30%
Lafayette	15%	4%	9%
Erie	2%	2%	9%
Louisville	6%	4%	6%
Superior	2%	3%	4%
Niwot	12%	1%	1%
Lyons	1%	3%	<1%
Nederland	0%	2%	<1%
Gold Hill	0%	<1%	<1%
Ward	0%	<1%	--
Unincorporated Boulder County	6%	3%	--
Broomfield	7%	6%	--
Denver	3%	7%	--
None of these, but in Colorado	3%	10%	--
Outside Colorado	6%	12%	--

⁴ 2019 U.S. Census Bureau, Population Estimates Program

Length of Boulder County Residency

If you live in Boulder County, how long have you lived here?

Table 21: Length of Residency

Length of Residency	2022 Regional and Neighborhood Trails	2021 Parks
Less than 1 year	7%	9%
1-4 years	15%	16%
5-9 years	13%	15%
10-14 years	10%	13%
15 or more years	45%	47%

Ten percent of respondents reported that they do not live in Boulder County, which was 14% lower than the 2021 results at parks, and 11% of respondents skipped the question.

Reported Race & Ethnicity

Are you of Hispanic, Latino/a/x, or Spanish origin?

Table 22: Hispanic Origin

	2022 Regional and Neighborhood Trails	2021 Parks
Hispanic, Latino/a/x, or Spanish?	5%	6%
No	90%	94%

This question matches the question asked in 2021 at parks and the question asked in the 2020 U.S. Census. In 2022, 4% of respondents skipped the question and did not answer.

Which of the following best describes your race and/or ethnic heritage?

Table 23: Race/Ethnicity of BCPOS Visitors versus Boulder County Census Data

Race / Ethnicity	2022 Regional and Neighborhood Trail Visitors	2021 Park Visitors	Boulder County Census ⁵
White	90%	93%	92%
Hispanic, Latino/a/x, or Spanish	5%	6%	14%
Asian	3%	4%	6%
Black and/or African American	1%	2%	2%
Native Hawaiian and/or Pacific Islander	<1%	<1%	<1%
American Indian and/or Alaska Native	1%	1%	1%
Other	2%	2%	2%

Six percent of respondents chose not to answer this question.

⁵ The 2019 U.S. Census American Community Survey, race alone, or in combination with one or more races

Comments

If there is anything else you would like to tell us, please continue writing on this page:

At the end of the survey, respondents were provided a space to add any comments or concerns. These comments were categorized into two categories: positive categories and suggestions for improvements. The most common types of comments are shown in Tables 26 and 27. For a complete list of comments, see Appendices E and F (p. 39-49).

Table 24: Most Common Positive Comments

2022 Regional and Neighborhood Trails	2021 Parks
Thank you	Thank you
Love the trails/trail systems	Great park/trail, enjoyed visit
Keep up the good work	Keep up the good work

Table 25: Most Common Suggestions

2022 Regional and Neighborhood Trails	2021 Parks
Build more trails, more access	Build more trails, more access
Limit or ban e-bikes, add more restrictions for e-bikes	Suggestions for regulations
More trail maintenance, clean trails	Problems with sharing the trail trails

Individual Property Results



Individual Property Results

Boulder Canyon Trail

163 Respondents

Property Description

This 2.6-mile multi-use trail is jointly owned by Boulder County and the City of Boulder. It follows Boulder Creek and provides beautiful scenery. E-bikes are not allowed.

Visitor Demographics

A visitor to the Boulder Canyon Trail is likely:

- Visiting with family (37%)
- From Boulder (50%), outside Colorado (18%), or none of the options, but in Colorado (10%)
- 25-34 years of age (23%), 45-54 (22%), or 55-64 (20%)

Table 26: Boulder Canyon Trail Primary Visitor Activities

Primary Activity	2022	2015	2010
Bike	41%	18%	36%
Hike	36%	54%	42%
Run	7%	11%	13%
Walk the dog	6%	5%	4%
Other	10%	12%	5%

The Boulder Canyon Trail had:

- The highest percentage of visitors who reported hiking as their primary activity (36%)
- The highest percentage of visitors who drove to the trail (57%)
- The highest percentage of visitors who came to the trail with friends (25%)
- The highest percentage of first-time visitors (34%)
- The highest percentage of visitors who reported having conflict (8%)
- The highest percentage of visitors who prefer no mowing on the edges of the trail (52%)

Visitor Experience

Visitors rated the Boulder Canyon trail an average of 8.87 out of 10.00 based on:

- Aesthetic scenery (41 comments)
- Good maintenance (24 comments)
- Good, great trail (17 comments)

Visitor Feedback

The most common improvements mentioned for the Boulder County Trail are:

- Trail maintenance (9 comments)
- Trash cans, trash removal (9 comments)
- Water fountain (8 comments)
- More or longer trails (8 comments)
- More etiquette (8 comments)

Coal Creek Trail

185 Respondents

Property Description

The Coal Creek Trail is 14 miles long and is jointly owned with Boulder County, the City of Lafayette, and City of Louisville. It follows Coal Creek and stretches from Superior to Erie.

Visitor Demographics

A visitor to the Coal Creek Trail is likely:

- Visiting alone (56%)
- Visiting more than once a week (46%) or about once a week (16%)
- From Lafayette (46%), Louisville (19%), or Broomfield (14%)
- 55-64 years of age (26%), 45-54 (23%), or 35-44 (23%)

Table 27: Coal Creek Trail Primary Visitor Activities

Primary Activity	2022	2015	2010
Bike	44%	38%	27%
Hike	28%	22%	35%
Run	14%	12%	19%
Walk the dog	8%	16%	14%
Other	6%	12%	5%

The Coal Creek Trail had:

- The highest percentage of visitors who reported running to the trail (10%)
- The highest percentage of visitors who rated the trail “just right” in terms of trail miles (74%)
- The highest percentage of visitors who prefer concrete (9%)

Visitor Experience

Visitors rated the Coal Creek Trail an average of 8.95 out of 10.00 based on:

- Good maintenance (51 comments)
- Aesthetic scenery (25 comments)
- Good, great trail (25 comments)

Visitor Feedback

The most common improvements mentioned for the Coal Creek Trail are:

- Trail maintenance (19 comments)
- More trash cans, trash removal (15 comments)
- More, longer trails (11 comments)

Longmont-to-Boulder (LoBo) Trail

160 Respondents

Property Description

The LoBo Trail is a 12-mile multi-use trail system connecting the cities of Longmont and Boulder. Some on-street connections are required, and some portions of the trail do not allow e-bikes.

Visitor Demographics

A visitor to the LoBo Trail is most likely:

- Visiting alone (58%)
- Visit the trail more than once a week (53%) or about once a week (18%)
- From Longmont (44%), Niwot (21%), or Boulder (19%)
- 55-64 years of age (25%), 65 years and older (24%), or 45-54 (16%)

Table 28: LoBo Trail Primary Visitor Activities

Primary Activity	2022	2015
Bike	62%	70%
Hike	19%	8%
Run	13%	13%
Walk the dog	2%	8%
Other	4%	1%

The LoBo Trail had:

- The highest percentage of visitors who reported it was “very easy” to find parking (92%)
- The highest percentage of visitors who prefer the edges of the trail to be mowed (51%)
- The highest percentage of visitors from Longmont (44%)

Visitor Experience

Visitors rated the LoBo Trail an average of 9.04 out of 10.00 based on:

- Good maintenance (49 comments)
- Good, great trail (31 comments)
- Aesthetic scenery (26 comments)

Visitor Feedback

The most common improvements mentioned for the LoBo Trail are:

- More, longer trails (14 comments)
- Trail maintenance (10 comments)
- Shade, more trees (9 comments)
- Signage, wayfinding (9 comments)

Niwot Trails

148 Respondents

Property Description

Niwot Trails are a collection of 7 trails that total 7.8 collective miles. These trails feature large cottonwood trees and scenic views throughout the neighborhood trails.

Visitor Demographics

A visitor to the Niwot Trails is likely:

- Visiting alone (54%)
- Visits the trail more than once a week (41%) or about once a week (22%)
- From Niwot (44%), Boulder (17%), or Longmont (14%)
- 65 years and older (35%), 55-64 (22%), or 45-54 (20%)

Table 29: Niwot Trails Primary Visitor Activities

Primary Activity	2022	2015	2010
Bike	37%	32%	26%
Hike	33%	33%	29%
Run	16%	16%	27%
Walk the dog	10%	13%	14%
Other	4%	6%	4%

The Niwot Trails had:

- The highest percentage of visitors who reported running as their primary activity (16%)
- The highest percentage of visitors who came to the trail with family (37%)
- The highest percentage of visitors who did not experience conflict on the trail (97%)
- The highest percentage of visitors who prefer crushed rock (91%)
- The highest percentage of visitors who have lived in Boulder County for 15 or more years (59%)

Visitor Experience

Visitors rated the Niwot Trails an average of 8.91 out of 10.0 based on:

- Good maintenance (52 comments)
- Aesthetic scenery (24 comments)
- Good, great trail (22 comments)

Visitor Feedback

The most common improvements mentioned for the Niwot Trails are:

- Trail maintenance (22 comments)
- Better bathrooms (10 comments)
- Shade, more trees (7 comments)

Rock Creek Trail

100 Respondents

Property Description

The Rock Creek Trail is easy-rated, multi-use, 12 miles long, and follows Rock Creek through the cities of Superior to Lafayette.

Visitor Demographics

A visitor to the Rock Creek Trail is likely:

- Visiting alone (74%)
- Visits the trail more than once a week (50%) or about once a week (21%)
- From Lafayette (43%), Broomfield (24%), or Louisville (9%)
- 45-54 years of age (38%), 55-64 (29%), or 65 years and older (14%)

Table 30: Rock Creek Trail Primary Visitor Activities

Primary Activity	2022	2015*	2010*
Bike	75%	--	--
E-bike	12%	--	--
Hike	8%	--	--
Run	4%	--	--
Other	1%	--	--

*No data available

The Rock Creek Trail had:

- The highest percentage of visitors who reported biking as their primary activity (75%)
- The highest percentage of visitors who reported e-biking as their primary activity (12%)
- The highest percentage of visitors who reported biking to the trail (78%)
- The highest percentage of visitors who came to the trail by themselves (74%)
- The highest percentage of visitors who reported the trail as having “not enough miles” (16%)
- The highest percentage of visitors who reported feeling “not at all crowded” (92%)

Visitor Experience

Visitors rated the Rock Creek Trail an average of 8.49 out of 10.00 based on:

- Maintenance needed (24 comments)
- Good maintenance (18 comments)
- Good, great trail (17 comments)

Visitor Feedback

The most common improvements mentioned for the Rock Creek Trail are:

- Trail maintenance (19 comments)
- Shade, more trees (12 comments)
- More, longer trails (8 comments)

Twin Lakes

186 Respondents

Property Description

These trails consist of two 0.7-mile loops around the East and West Twin Lakes. The East Lake requires dogs to be on leash and the West Lake allows off-leash dogs.

Visitor Demographics

A visitor to Twin Lakes is likely:

- Visiting alone (59%)
- Visits the trail more than once a week (59%) or about once a week (13%)
- From Boulder (56%), unincorporated Boulder County (16%), or Longmont (8%)
- 65 years and older (23%), 25-34 (22%), or 35-44 (19%)

Table 31: Twin Lakes Primary Visitor Activities

Primary Activity	2022	2015	2010
Walk the dog	58%	41%	32%
Hike	32%	38%	32%
Bike	7%	7%	11%
Run	2%	6%	14%
Other	1%	8%	11%

Twin Lakes had:

- The highest percentage of visitors who reported walking the dog as their primary activity (58%)
- The highest percentage of visitors who reported hiking or walking to the trail (47%)
- The highest percentage of visitors who visit the trail more than once a week (59%)

Visitor Experience

Visitors rated Twin Lakes an average of 8.90 out of 10.00 based on:

- Dog friendly environment (42 comments)
- Water and water access for dogs (35 comments)
- Good, great trail (34 comments)

Visitor Feedback

The most common improvements mentioned for Twin Lakes are:

- More trash cans, trash removal (13 comments)
- More benches, tables (11 comments)
- Water fountain (10 comments)
- Trail maintenance (10 comments)

Appendix A: Survey



We value your opinion! Boulder County Parks & Open Space conducts this survey every five years to better manage our parks and open space for you, the visitor.

Thank you for taking time to participate!

1. Which activities did you participate in today on this trail? (check all that apply)

- Hike Run Family gathering Photography/Art View wildlife
 Bike Walk the dog Ride a horse Special Event Other – describe:
 E-bike Fish Picnic Commute to work/store/etc.
 Ride a manual/powered wheelchair, scooter, etc.

2. Above, CIRCLE your primary activity for today?

3. How did you get to this trail today?

- Vehicle Bike Hike/Walk Run Uber/Lift Bus/Public Transit Other -describe:



Vehicle **PASSENGERS** skip to Question 4. Vehicle **DRIVERS** answer the three questions below.



↓
Including you, how many people rode in the vehicle?

- 1 2 3 4 5 >5: _____

How easy or difficult was it to find a parking spot?

<i>Very Easy</i>	<i>Easy</i>	<i>Neutral</i>	<i>Difficult</i>	<i>Very Difficult</i>
▼	▼	▼	▼	▼
<input type="checkbox"/>				

Where did you park?

- In the parking lot On the road

4. Which of the following best describes who traveled here with you today?

- Just me! Family
 Friends Organized group - describe:

5. In the past year, how often have you visited this trail? (check only one)

- First time here About once a season About once a week
 Once or twice in the past year About once a month More than once a week

OVER ►

6. How would you rate this trail overall on a scale of 1 to 10, with 1 being poor and 10 being excellent?

1	2	3	4	5	6	7	8	9	10
Poor ▼	▼	▼	▼	Average ▼	▼	▼	▼	▼	Excellent ▼
<input type="checkbox"/>									

Why did you rate it that way?

7. Name one improvement that would make your visit to this trail more enjoyable.

8. Sometimes, visitors interfere with one another’s goals on the trail, causing unpleasant experiences. This is generally referred to as “conflict.” Did you experience conflict on the trail today?

- No
- Not sure
- Yes ➔ Please describe the conflict you experienced:

9. Thinking only of this trail, how would you describe the number of trail miles here, on a scale of 1 to 5, with 1 being not enough and 5 being too many?

1	2	3	4	5	Not Sure
Not enough trail miles ▼	▼	About right ▼	▼	Too many trail miles ▼	▼
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. While visiting this trail today, did you feel crowded?

Not at all crowded ▼	Slightly crowded ▼	Somewhat crowded ▼	Moderately crowded ▼	Very crowded ▼	Not sure ▼
<input type="checkbox"/>					

11. When you visit a regional or neighborhood trail, what is your preference for the trail surface? (check only one)

- Crushed rock
- Concrete
- Not sure

Why did you answer that way?

12. When you visit a regional or neighborhood trail, do you want the vegetation mowed along trail edges?

- Yes
- No
- Not sure

Why did you answer that way?

13. Where do you live?

- ___ Boulder ___ Gold Hill ___ Lyons ___ Unincorporated Boulder County
- ___ Broomfield ___ Lafayette ___ Nederland ___ Ward
- ___ Denver ___ Longmont ___ Niwot ___ Outside Colorado
- ___ Erie ___ Louisville ___ Superior ___ None of these, but in Colorado

14. If you live in Boulder County, how long have you lived here?

- ___ Less than 1 year ___ 5 – 9 years ___ 15 or more years
- ___ 1 – 4 years ___ 10 – 14 years ___ Do not live in Boulder County

15. What is your age?

- ___ 16-19 ___ 45-54
- ___ 20-24 ___ 55-64
- ___ 25-34 ___ 65 years and older
- ___ 35-44

16. Are you of Hispanic, Latino/a/x, or Spanish origin?

- Yes
- No
- Choose not to answer

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

- ___ White ___ Native Hawaiian and/or Pacific Islander ___ Black and/or African American
- ___ Asian ___ American Indian and/or Alaska Native ___ Other – please describe:
- ___ Choose not to answer

18. If there is anything else you would like to tell us, please continue writing on this page or the back page:

Thank you very much for taking the time to complete this survey today!



¡Valoramos su opinión! Boulder County Parks & Open Space realiza esta encuesta cada cinco años para gestionar mejor nuestros parques y espacios al aire libre para usted, el o la visitante.

Gracias por tomarse el tiempo para participar.

1. ¿En cuáles actividades participó hoy en este sendero? (marque todas las que correspondan)

- Senderismo Correr Reunión familiar Fotografía/Arte Observar flora y fauna
 Ciclismo Pasear el perro Montar a caballo Evento especial Otra – describa:
 Bicicleta eléctrica Pesca Picnic Traslado hacia el trabajo/tienda/etc.
 Montar una silla de ruedas manual/eléctrica, scooter, etc.

2. Arriba, marque con un CÍRCULO su principal actividad de hoy.

3. ¿Cómo llegó hasta este sendero hoy?

- Vehículo Bicicleta Sendero/Caminata Correr Uber/Lift Autobús/Transporte público Otro - describa:



PASAJEROS de vehículos saltar a la Pregunta 4. **CONDUCTORES** de vehículos responder estas tres preguntas.



Incluido usted, ¿cuántas personas había en el vehículo?

- 1 2 3 4 5 >5: ____

¿Fue fácil o difícil encontrar un lugar para estacionar?

<i>Muy fácil</i> ▼	<i>Fácil</i> ▼	<i>Neutral</i> ▼	<i>Difícil</i> ▼	<i>Muy difícil</i> ▼
<input type="checkbox"/>				

¿Dónde estacionó?

- En el estacionamiento En el camino

4. ¿Cuál de las siguientes opciones describe mejor las personas con las que está aquí hoy?

- ¡Solo yo! Familia
 Amigos Grupo organizado - describa:

5. En el último año, ¿con qué frecuencia visitó este sendero? (marque solo una opción)

- Primera vez aquí Alrededor de una vez por temporada Alrededor de una vez por semana
 Una o dos veces en el último año Alrededor de una vez por mes Más de una vez por semana

REVERSO ►

6. ¿Cuántos puntos le daría a este sendero en general, en una escala de 1 a 10, siendo 1 muy malo y 10 excelente?

1	2	3	4	5	6	7	8	9	10
Mala ▼	▼	▼	▼	Regular ▼	▼	▼	▼	▼	Excelente ▼
<input type="checkbox"/>									

¿Por qué le puso esos puntos?

7. Indique una mejora que haría que su visita a este sendero fuese más agradable.

8. Algunas veces, los visitantes interfieren con las metas de otra persona en el sendero, provocando experiencias desagradables.

Esto se suele mencionar como un “conflicto”. ¿Tuvo algún conflicto en el sendero hoy?

- No
- No estoy seguro
- Sí → Describa el conflicto que tuvo:

9. Teniendo en cuenta solo este sendero, ¿cómo describiría el número de millas de senderos aquí, en una escala de 1 a 5, siendo 1 insuficientes y 5 demasiadas?

1	2	3	4	5	No estoy seguro ▼
Insuficientes millas de senderos ▼	▼	Está bien ▼	▼	Demasiadas millas de senderos ▼	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. Mientras visitaba este sendero hoy, ¿sintió que estaba abarrotado de gente?

Para nada abarrotado ▼	Ligeramente abarrotado ▼	Algo abarrotado ▼	Moderadamente abarrotado ▼	Muy abarrotado ▼	No estoy seguro ▼
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

11. Cuando visita un sendero regional o barrial, ¿cuál es su preferencia sobre la superficie del sendero? (marque solo una)

- Roca triturada
- Hormigón
- No estoy seguro

¿Por qué respondió de esa manera?

12. Cuando visita un sendero regional o barrial, ¿quiere que la vegetación esté recortada a lo largo de los bordes del sendero?

- Sí
 No
 No estoy seguro

¿Por qué respondió de esa manera?

13. ¿Dónde vive?

- | | | | |
|-------------------------------------|-------------------------------------|------------------------------------|---|
| <input type="checkbox"/> Boulder | <input type="checkbox"/> Gold Hill | <input type="checkbox"/> Lyons | <input type="checkbox"/> Unincorporated Boulder County |
| <input type="checkbox"/> Broomfield | <input type="checkbox"/> Lafayette | <input type="checkbox"/> Nederland | <input type="checkbox"/> Ward |
| <input type="checkbox"/> Denver | <input type="checkbox"/> Longmont | <input type="checkbox"/> Niwot | <input type="checkbox"/> Fuera de Colorado |
| <input type="checkbox"/> Erie | <input type="checkbox"/> Louisville | <input type="checkbox"/> Superior | <input type="checkbox"/> En ninguno de estos lugares pero en Colorado |

14. Si vive en el Condado de Boulder, ¿hace cuánto que vive aquí?

- | | | |
|--|---------------------------------------|---|
| <input type="checkbox"/> Menos de un año | <input type="checkbox"/> 5 – 9 años | <input type="checkbox"/> 15 años o más |
| <input type="checkbox"/> 1 – 4 años | <input type="checkbox"/> 10 – 14 años | <input type="checkbox"/> No vive en el Condado de Boulder |

15. ¿Cuántos años tiene?

- | | |
|--------------------------------|--|
| <input type="checkbox"/> 16-19 | <input type="checkbox"/> 45-54 |
| <input type="checkbox"/> 20-24 | <input type="checkbox"/> 55-64 |
| <input type="checkbox"/> 25-34 | <input type="checkbox"/> 65 años y más |
| <input type="checkbox"/> 35-44 | |

16. ¿Tiene origen hispano, latino/a/x o español?

- Sí
 No
 Prefiero no responder

17. ¿Cuáles de las siguientes opciones describen mejor su raza y/o herencia étnica? (marque todas las opciones que correspondan)

- | | | |
|--|--|--|
| <input type="checkbox"/> Blanco | <input type="checkbox"/> Nativo de Hawái y/o Isleño del Pacífico | <input type="checkbox"/> Negro y/o Afroamericano |
| <input type="checkbox"/> Asiático | <input type="checkbox"/> Indígena americano y/o Nativo de Alaska | <input type="checkbox"/> Otra – describa: |
| <input type="checkbox"/> Prefiero no responder | | |

18. Si desea comentarnos algo más, siga escribiendo en esta página o la página de atrás:

Le agradecemos muchísimo el tiempo dedicado a completar esta encuesta hoy.

Appendix B: Top “One Improvement” Comments

Trail	Top 5 “One Improvement” Comments	# of Comments
Boulder Canyon Trail	Trail maintenance, winter maintenance, level drop offs between concrete and gravel, erosion near creek	9
	More trash cans, trash removal	9
	More trails, longer trails, go farther than Chapman, connect to Nederland, connect to Boulder Falls	8
	Add water fountain	8
	More etiquette, have bikers call out when passing other visitors	8
Coal Creek Trail	Trail maintenance, erosion control, better drainage, loose gravel, graffiti, trim trees	19
	More trash cans, trash removal	15
	More trails, longer trails	11
	Better bathrooms	9
	Add water fountain	8
LoBo Trail	More trails, longer trails, more connections, mountain bike trails	14
	Trail maintenance, erosion control, winter maintenance, loose gravel	10
	More signage, navigational signs, rules and regulations, mile markers	9
	Shade, more trees	9
	Better bathrooms	6
	Remove or change cattleguards	6
Niwt Trails	Trail maintenance, erosion control, clearing dead trees on the side of the trail, loose gravel	22
	Better bathrooms, add a bathroom	10
	Shade, more trees	7
	More trails, longer trails, more connections	5
	More signage, add directional and mileage signs, current signs can be confusing	5
	More trash cans, trash removal	5
Rock Creek Trail	Trail maintenance, loose gravel, muddy underpasses, erosion control, trim trees	19
	Shade, more trees	12
	More trails, longer trails	8
	More signage, informational signs for raptors, mile markers, map of trail	4
	More benches, tables	4
Twin Lakes	More trash cans, trash removal	13
	More benches, tables	11
	Add water fountain	10
	Trail maintenance, dogs causing damage to trail near lake, winter maintenance	10
	Shade, more trees	8

Appendix C: Conflict Today

Trail Name	Respondent's Primary Activity	Conflict Visitors Experienced Today
Boulder Canyon Trail	Walk the dog	Fast bikers coming close to me and dog
Boulder Canyon Trail	--	Road bikers – too fast – hogging the trail
Boulder Canyon Trail	--	Fast bikes no warning
Boulder Canyon Trail	Bike	Minor riders riding 2 abreast encroaching on my lane
Boulder Canyon Trail	Bike	Confused pedestrians in mobs
Boulder Canyon Trail	Hike	It's a holiday weekend. Crowded, but expected
Boulder Canyon Trail	--	Along the trail next to the highway people walked on the wrong side
Boulder Canyon Trail	--	Walkers taking whole trail
Boulder Canyon Trail	--	Fast bikes
Boulder Canyon Trail	--	Bikers too fast
Boulder Canyon Trail	Bike	People walking 3+ abreast
Boulder Canyon Trail	--	Just trying to stick to the sides of the trail for bicyclists, but they take a lot of space.
Boulder Canyon Trail	Bike	Driver blew very loud air horn at us
Coal Creek Trail	Run	Just mild but bikers going too fast / no moving over
Coal Creek Trail	Walk the dog	Bikes going too fast
Coal Creek Trail	--	Busy
Coal Creek Trail	Hike	E-bikes buzz folks
Coal Creek Trail	Bike	People not staying to the right
Coal Creek Trail	Run	Group of seniors using entire trail and could not hear approaching users.
Coal Creek Trail	Run	Getting used to being buzzed by cyclists
Coal Creek Trail	--	(young child / teen) People standing on path with their bikes
Coal Creek Trail	Run	Generally, bikers can go a bit fast
LoBo Trail	--	Dogs off leash
LoBo Trail	Bike	People not moving over and / or walking / riding squiggly across trail
LoBo Trail	Bike	Caught behind horses
LoBo Trail	Bike	Very low key interactions with dogs off leash or on a long leash
LoBo Trail	Bike	Dogs off leash, headphones reduce effectiveness of bells
LoBo Trail	--	Have had unpleasant run in with bikes
LoBo Trail	Bike	People not paying attention or making way for the bikes.
LoBo Trail	Run	Bicyclist going above 5 mph at Rt. 52
LoBo Trail	Hike	Bikers going too fast
Niwot Trails	Hike	Motor bike going fast on trail
Niwot Trails	Walk the dog	Dog owners and bikes
Rock Creek Trail	E-bike	Bikes scare pedestrians
Rock Creek Trail	Bike	People on wrong side of trail. Not watching out for others
Rock Creek Trail	Bike	Dog trash stretched across trail
Twin Lakes	--	Uncontrolled dog
Twin Lakes	Walk the dog	Dogs not being able to be recalled easily

Trail Name	Respondent's Primary Activity	Conflict Visitors Experienced Today
Twin Lakes	Walk the dog	An unfriendly dog came after my dog. The owner quickly disappeared
Twin Lakes	--	Dog owner throwing balls on crowded trail – causing collisions. Poor dog owner management.
Twin Lakes	--	Bike rider getting in the way
Twin Lakes	Walk the dog	Lots of folks still smoke and vape. Off leash in leash area

Appendix D: “Anything Else” Positive Comments

Trail Name	Positive Comments
Boulder Canyon Trail	Not at this time – I do hope the comments are truly taken into consideration!
Boulder Canyon Trail	Thank you for preserving the wild places in Boulder! We love it here
Boulder Canyon Trail	I feel lucky to have access to a well-thought-out trail system.
Boulder Canyon Trail	Thanks for all the trails!
Boulder Canyon Trail	Thank you so much for making this trail available
Boulder Canyon Trail	Thank you for all you do!
Boulder Canyon Trail	<i>Great trail. I enjoy the connection to Chapman Drive.</i>
Boulder Canyon Trail	Beautiful trail!!!
Boulder Canyon Trail	Thank you for making this trail available :)
Boulder Canyon Trail	Love the work that OSMP does. Thanks!
Boulder Canyon Trail	No that sounds good
Boulder Canyon Trail	Love Boulder
Boulder Canyon Trail	Thanks
Boulder Canyon Trail	Thanks for the beautiful trail
Boulder Canyon Trail	Parks are great!
Boulder Canyon Trail	<3
Boulder Canyon Trail	Thank you!!
Boulder Canyon Trail	Thank you, keep up the good work
Boulder Canyon Trail	I appreciate trails for all types of activities. Choice of dirt, paved, rural, and in town
Boulder Canyon Trail	N/A. Loving this trail, our first time here
Boulder Canyon Trail	Nice place you got here.
Boulder Canyon Trail	Thanks! Water is lovely here.
Boulder Canyon Trail	Thank you!
Boulder Canyon Trail	We love all of the trails here!
Boulder Canyon Trail	I love the great effort Boulder is putting on to have an inclusive environment. Would love to have more results.
Boulder Canyon Trail	Love this trail!
Boulder Canyon Trail	Beautiful spot
Boulder Canyon Trail	Loved this trail!
Boulder Canyon Trail	Love this trail!
Boulder Canyon Trail	Great job on renovations
Boulder Canyon Trail	<i>Love it</i>
Boulder Canyon Trail	<i>Doing a great job.</i>
Boulder Canyon Trail	Love this wonderful experience. Thank you :)
Boulder Canyon Trail	Excellent trail from Niwot to Boulder Canyon (Red Lion Inn)
Boulder Canyon Trail	Thanks for your service! :) Hire me
Boulder Canyon Trail	Fantastic trail :)
Boulder Canyon Trail	:)
Coal Creek Trail	I love all the trails
Coal Creek Trail	Thanks for the open space
Coal Creek Trail	I am very grateful to live next to such a beautiful trail! :)

Trail Name	Positive Comments
Coal Creek Trail	A gem!
Coal Creek Trail	This trail is a blessing! I love it!
Coal Creek Trail	This is one of my favorite trails – I love how it connects to so many others
Coal Creek Trail	<i>Love the open spaces.</i>
Coal Creek Trail	Thanks for a great trail!
Coal Creek Trail	Glad this type of natural trail exists! Good to be among nature – healthy!
Coal Creek Trail	Thanks!
Coal Creek Trail	We appreciate you and the trails!
Coal Creek Trail	Enjoy the trails
Coal Creek Trail	Keep up the good work!
Coal Creek Trail	<i>Awesome.</i>
Coal Creek Trail	Excellent facilities and preservation, more wildlife than any other system on the front range.
Coal Creek Trail	Appreciate the upkeep
Coal Creek Trail	The parks are why we moved here, connectivity is great.
Coal Creek Trail	Thank you! :)
Coal Creek Trail	0 :)
Coal Creek Trail	Thank you for your hard work and vision!
Coal Creek Trail	No, it's all good
Coal Creek Trail	Keep up the good work!! :)
Coal Creek Trail	<i>It is so nice to have so much trail available in this area.</i>
Coal Creek Trail	Thank you :) I appreciate all of the great trails and open spaces.
Coal Creek Trail	Thank you for your very good work.
Coal Creek Trail	I appreciate all the trails and parks!
Coal Creek Trail	Keep doing what you're doing. The trail system is great.
Coal Creek Trail	<i>Keep up the good work.</i>
Coal Creek Trail	<i>Love the Coal / Rock Creek trails!</i>
Coal Creek Trail	Thank you
Coal Creek Trail	I love my OSMP trails
Coal Creek Trail	Love to see the added bathroom at Aquarius trailhead and shelter!
Coal Creek Trail	I love that Coal / Rock Creek trail is now a full loop!
Coal Creek Trail	That's all folks!
Coal Creek Trail	Love Colorado and all the trails I've been on thus far.
Coal Creek Trail	Thanks for seeking opinions and input!
Coal Creek Trail	Keep up the good work and thank your local park maintenance employee.
Coal Creek Trail	Thanks to all the park staff!
LoBo Trail	Trails are one of the reasons I live here
LoBo Trail	Love the trails.
LoBo Trail	Thank you!
LoBo Trail	Excellent service
LoBo Trail	Love the trails here. Doing a great job!
LoBo Trail	Thank you for these trails. It offers me a much needed break and balance of heart, head, and soul. I care for my Dad and love the ability to return to him happy and refreshed.

Trail Name	Positive Comments
LoBo Trail	<i>Love the trails, you do a great job. Thank you for the work you do.</i>
LoBo Trail	Nope – thanks!
LoBo Trail	Thanks for the trails! Like the ramps that go through the gate
LoBo Trail	Great trails. Thanks
LoBo Trail	Thank you for maintaining our trails in Boulder. I greatly appreciate what we have available to us.
LoBo Trail	Thanks!
LoBo Trail	Thanks!
LoBo Trail	Thanks for asking the public's opinion
LoBo Trail	<i>Looking forward to the RTD trail!</i>
LoBo Trail	Love the ramps through gates!
LoBo Trail	<i>LoBo trail is a favorite, really grateful for its existence and maintenance. Thank you for asking!</i>
LoBo Trail	Thank you for being out here :)
LoBo Trail	Thank you
LoBo Trail	<i>Thanks for this great trail</i>
LoBo Trail	<i>I love trails.</i>
LoBo Trail	Good work!
LoBo Trail	Love this trail :)
LoBo Trail	Beautiful trail network
LoBo Trail	<i>Thank you! Awesome newly rebuilt trail!</i>
LoBo Trail	<i>These trails are so important to why I live in this area. Thank you</i>
LoBo Trail	Great trail!!
LoBo Trail	Keep up the good work!
LoBo Trail	Love all the trails in Boulder County
LoBo Trail	<i>The trails are great.</i>
LoBo Trail	Love the trails, thank you! :)
LoBo Trail	Keep up the good work
LoBo Trail	<i>The trails are critical to life</i>
Niwot Trails	<i>Generally super happy</i>
Niwot Trails	Thank you!
Niwot Trails	I think Boulder County is doing a great job with open space.
Niwot Trails	I really appreciate the open space and trails in Boulder County. It makes it so nice to enjoy nature very close! Thank you!
Niwot Trails	Thanks :)
Niwot Trails	Thank you, love the trails :)
Niwot Trails	Thank you so much for providing these trails
Niwot Trails	We love this trail! We do it every day and the longer route on weekends
Niwot Trails	The trails greatly influence us to live in Niwot
Niwot Trails	Thank you for the many wonderful trails and their beautiful upkeep
Niwot Trails	Boulder County is fabulous with trails and open space.
Niwot Trails	Everything is great and accessible! Good for recreation and transportation
Niwot Trails	<i>Love the trails.</i>
Niwot Trails	Thanks for the wonderful trails!

Trail Name	Positive Comments
Niwot Trails	Thanks for keeping our trail enjoyable
Niwot Trails	<i>Thanks for finishing cotton trail</i>
Niwot Trails	Thanks for the wonderful open spaces!
Niwot Trails	I like the trails in Boulder County
Niwot Trails	Thank you! Love Boulder
Niwot Trails	We love getting out – having a state that promotes activity, health, and improvements.
Niwot Trails	Keep up the good work
Niwot Trails	:)
Niwot Trails	Keep up the good work!
Niwot Trails	Very good and thanks!
Niwot Trails	Thankful we have such a nice trail
Niwot Trails	Really appreciate the trail system!
Niwot Trails	Boulder is bicycle heaven. Good work on the re-opened Cottontail trail!
Niwot Trails	Thank you :)
Niwot Trails	Thanks
Niwot Trails	Thank you for your work. It is greatly appreciated.
Niwot Trails	I enjoy and appreciate the Boulder County trails!
Niwot Trails	Nothing else. I am happy when I am on the trails!
Niwot Trails	Love Boulder County trails and appreciation for outdoor activities!
Niwot Trails	They're great
Niwot Trails	<i>Love your trail systems.</i>
Niwot Trails	Love the trails and connectedness of all the trails.
Niwot Trails	Love the raw open space!
Niwot Trails	<i>Lived in Boulder County for 60 years. Very in support of all initiatives. Really love natural habitat! Because of Marshall Fire and wildfires, I strongly support litigation and research.</i>
Niwot Trails	<i>We love our Boulder County trails</i>
Niwot Trails	We like the variety of trails. Some are good in winter, some in the summer, some for biking vs walking, etc.
Rock Creek Trail	I love that I can take the trail systems long distances in either direction. Thank you!
Rock Creek Trail	<i>Trails good</i>
Rock Creek Trail	Great experience. Keep it up
Rock Creek Trail	Thank you!
Rock Creek Trail	I like how this trail connects to other trails.
Rock Creek Trail	<i>Love the trails</i>
Rock Creek Trail	Best reason to live in BoCo is trails! :)
Rock Creek Trail	N/A – good improvements and maintenance
Rock Creek Trail	Great trail
Rock Creek Trail	Love the trails. Thanks!
Rock Creek Trail	Thank you for all the great work that you do!
Rock Creek Trail	Love the trails
Rock Creek Trail	Love Boulder County open space!

Trail Name	Positive Comments
Rock Creek Trail	Keep up the good work!
Rock Creek Trail	Keep it up
Rock Creek Trail	Thank you!
Rock Creek Trail	Thanks for an awesome trail system!
Rock Creek Trail	Thanks for the upkeep!
Rock Creek Trail	:)
Rock Creek Trail	I commute to work every day on this trail.
Rock Creek Trail	<i>Love this trail</i>
Rock Creek Trail	Trails are awesome compared to Philadelphia
Rock Creek Trail	<i>Signage here is pretty good.</i>
Rock Creek Trail	<i>Love the gravel rides! :)</i>
Rock Creek Trail	<i>Love the trails.</i>
Rock Creek Trail	Thanks
Rock Creek Trail	Boulder County is doing a wonderful job with its open space!!
Rock Creek Trail	<i>Thank you for your work – its excellent!</i>
Rock Creek Trail	Nope. Thanks for asking.
Twin Lakes	Thanks
Twin Lakes	Keep this trail as it is.
Twin Lakes	<i>I love Twin Lake trails. I love the purple wildflowers on the side of the trails.</i>
Twin Lakes	I like the off-leash area for dogs
Twin Lakes	Thank you for this amazing community health / mental health resource!!
Twin Lakes	Thanks!
Twin Lakes	It's a joy to walk around East Twin Lake (dogs on leash)
Twin Lakes	I think you guys do a great job, keep it up!
Twin Lakes	I love hiking – I'm in a hiking group. Trail variety and availability is amazing!
Twin Lakes	Thank you!
Twin Lakes	Love this open space area
Twin Lakes	I love this trail – thank you for all you do to keep it clean and available! It was a lifesaver during the height of the pandemic.
Twin Lakes	Grateful to live here all our beautiful trails and open space
Twin Lakes	I like the trail
Twin Lakes	We appreciate the focus on open spaces
Twin Lakes	Keep it up. Thanks for asking!
Twin Lakes	Thanks for making this space available!
Twin Lakes	So good the open spaces are well maintained
Twin Lakes	Boulder Parks and Open Space does a great job. I used to work for you – 50 years ago!!! – as a WSI @ Scotty. You've only gotten better with age! (Wish I could say the same...)
Twin Lakes	<i>Thank you! BTW, the survey is nice and the person who handed it to me was very friendly and professional. Thanks!</i>
Twin Lakes	Thank you for a dog friendly lake!
Twin Lakes	Thank you!
Twin Lakes	Thanks – I love our trails!
Twin Lakes	Thank you for the effort of surveying and trying to improve trails!

Trail Name	Positive Comments
Twin Lakes	<i>Good maintenance in Boulder County!</i>
Twin Lakes	Thank you for so many great trails!
Twin Lakes	<i>I'm happy you are asking our opinions!</i>
Twin Lakes	Thank you!
Twin Lakes	Thank you!
Twin Lakes	Thanks!
Twin Lakes	We love it here!
Twin Lakes	:)
Twin Lakes	No thanks
Twin Lakes	Thank you!
Twin Lakes	Happy with the system
Twin Lake	I think the trail and dog park are some of the highlights of Gunbarrel
Twin Lakes	Much appreciation :)
Twin Lakes	I love Boulder County open spaces and parks! :)
Twin Lakes	Love these parks :)
Twin Lakes	Great open space!
Twin Lakes	Beautiful spot
Twin Lakes	You do a great job, thank you!!

Appendix E: “Anything Else” Suggestions

Trail Name	Suggestions
Boulder Canyon Trail	More trash cans and porta potties needed along trail!
Boulder Canyon Trail	More Boulder County trails – regional, mountain, other – connectors, stand alone, etc. Especially a route to Nederland!!
Boulder Canyon Trail	E-bikes = danger
Boulder Canyon Trail	Campers are destroying the creek path. The environmental destruction is terrible. Please, please have them follow the rules the rest of us follow.
Boulder Canyon Trail	Keep e-bikes off this part of the trail, mark that well.
Boulder Canyon Trail	Put signs up how bad it is for the environment to move stones, and also make stone sculptures in river. Wildlife dies
Boulder Canyon Trail	<i>Would be great to extend to Betasso</i>
Boulder Canyon Trail	Yeah don't mow sh*t – that's for city people
Boulder Canyon Trail	Trail cleaning especially where there are homeless
Boulder Canyon Trail	No e-bikes
Boulder Canyon Trail	Boulder County has fallen behind so many counties in the state and in the country for mountain bike trails
Boulder Canyon Trail	Keep expanding the trail system
Boulder Canyon Trail	Water station would be great
Boulder Canyon Trail	Like the idea of no e-bikes; they're incompetent
Boulder Canyon Trail	Please build trail all the way to Ned!
Boulder Canyon Trail	In addition to camping and fire bans, there should not be fishing where kayakers / tubers use the water.
Boulder Canyon Trail	Ban e-bikes. Dangerous on the narrow dirt trail and would lead to crowding. They ride in groups of +5
Boulder Canyon Trail	Don't want rangers to carry guns as a standard.
Boulder Canyon Trail	<i>More trails like this please</i>
Boulder Canyon Trail	Need to put signage as trail enters Boulder Canyon about no e-bikers. Also periodic trimming of vegetation on sides. Fix concrete gravel transitions
Boulder Canyon Trail	<i>Would like more mountain bike access from downtown</i>
Boulder Canyon Trail	See #7, open up to e-bikes. I've never had a conflict with an e-bike. Mountain bikes tend to go faster downhill than e-bikes. This trail is also an excellent opportunity to increase bike communities.
Coal Creek Trail	I hope this trail (Coal Creek) remains vehicle free (industry e-bikes) – I lived in Europe and can see how this can become a problem.
Coal Creek Trail	Trails need to be wider because of conflict. Prioritize bikes over cars – more trails!
Coal Creek Trail	Please continue the restoration.
Coal Creek Trail	<i>Please stop building so many apartments!</i>
Coal Creek Trail	I would love to see Erie to Boulder trail.
Coal Creek Trail	There's a man hiding in the underpass, makes me feel very unsafe.
Coal Creek Trail	More single track trails. Arapahoe Rd desperately needs a bike lane
Coal Creek Trail	More concrete
Coal Creek Trail	More trails from Lafayette / Louisville to Boulder

Trail Name	Suggestions
Coal Creek Trail	<i>A little maintenance needed here and there from rain erosion.</i>
Coal Creek Trail	Boulder County needs connecting trails. I must run for 1-3 miles to reach trails.
Coal Creek Trail	Very disappointed to see two story garage being erected on Mayhoffer conservation easement. Coal Creek has been de-watered
Coal Creek Trail	I see dogs off leash too often
Coal Creek Trail	Please block the human social trails and mind the human impact better.
Coal Creek Trail	My car got broken into at this trailhead
Coal Creek Trail	E-bike regulation
Coal Creek Trail	<i>I have noticed that Boulder County seems to have fewer outhouses available than Broomfield, Westminster, Thornton, Denver.</i>
Coal Creek Trail	Water fountain would be nice and more restrooms.
Coal Creek Trail	287 and Arapahoe: fisherman using illegal bait and not returning regulated fish. Add ranger phone number for reporting violations.
Coal Creek Trail	<i>More trails please!</i>
Coal Creek Trail	<i>Perhaps remove this around Erie town line</i>
Coal Creek Trail	More single track options
Coal Creek Trail	Rock Creek – Hwy 1 needs connection to Coal Creek
Coal Creek Trail	More community outreach and education regarding leave no trace, trail etiquette, etc.
Coal Creek Trail	Build more trails, please!
LoBo Trail	Am concerned about development along diagonal highway in Longmont impacting nature experience on that portion of the trail
LoBo Trail	Look at southbound 61 st and Valmont: cars encroach on bike lane (white stripe worn down)
LoBo Trail	Trail from Erie to Longmont
LoBo Trail	<i>Just would like more miles of trail.</i>
LoBo Trail	Illegal camping along this trail – behind Boulder high school
LoBo Trail	Connect the trails more – lots of gaps
LoBo Trail	<i>Fill the missing link (off-street) between Gunbarrel and Boulder</i>
LoBo Trail	More bike lanes and overall infrastructure. There is no good way to bike into Village at the Peaks. It is completely non-bike friendly and a pain in the a** to get around (Village at the Peaks). Don't put bike lanes on streets like 9 th , put them on quieter streets like 11 th . Design them so people can cycle faster and more efficient – bike commutes and store shoppers. E-bikes are coming and the infrastructure needs to be built for them. I am a GIS professional and a nerd.
LoBo Trail	<i>Would love to see it connected through Gunbarrel to the Boulder trail system on the other side of Jay Rd. Also, a gravel or other trail from Longmont to Hygiene.</i>
LoBo Trail	It would be nice to have signs encouraging people to turn off music or use earbuds instead, to not disrupt wildlife or others.
LoBo Trail	Some police surveillance
LoBo Trail	<i>We need MANY more</i>
LoBo Trail	<i>The more the better.</i>
LoBo Trail	<i>The trail between Lookout Road and the LoBo trail needs some maintenance after the rain.</i>

Trail Name	Suggestions
LoBo Trail	<i>Please keep them and expand them!!</i>
LoBo Trail	Signage in Gunbarrel could be actual arrows on the sidewalk
LoBo Trail	Please pave trails ____ to ____ road – I have a road bike [illegible handwriting]
LoBo Trail	<i>In a small set of cases, gravel is too loose and unpacked.</i>
LoBo Trail	Please arrest bicyclists going >5 mph over the posted speed limit on the trail with Rt. 52
LoBo Trail	Need a trail connection on LoBo trail at Lookout Road. Not having a trail (only road-riding) is dangerous
LoBo Trail	<i>Please keep them ____ level and more if wildlife [illegible handwriting]</i>
Niwot Trails	E-bikes can be difficult on the trails
Niwot Trails	<i>The underpass on 52 always has mud. A bike park like Erie single track would be awesome here.</i>
Niwot Trails	<i>Encourage people to be out even if on e-bikes, but invested to see if need to manage speed</i>
Niwot Trails	I would love to have a trail going into Boulder. Getting from Spine and Jay to the trail near the Diagonal requires close proximity to heavy / fast traffic.
Niwot Trails	Need more bathrooms!! Not having these can be a public health issue.
Niwot Trails	<i>Keep the prairie dogs away</i>
Niwot Trails	<i>More open space and wetlands!</i>
Niwot Trails	Only conflicts I do see are bikes going too fast and dogs off leash, maybe helpful to have more reminders about bike speed and dogs being leashed.
Niwot Trails	More off leash dog areas!
Niwot Trails	Don't close any more of Twin Lakes with fencing – waste of money and time
Niwot Trails	Notice graffiti on bridges, etc. Would like to see it removed in a timely manner
Niwot Trails	We need better connections between Gunbarrel and Boulder. More mountain bike trails!
Niwot Trails	<i>Please allow e-bikes. Maybe bike kiosks for out of towners.</i>
Niwot Trails	<i>Add map of trail.</i>
Niwot Trails	<i>Would always welcome more!</i>
Rock Creek Trail	<i>More please</i>
Rock Creek Trail	We like e-bikes being allowed everywhere and dogs within voice control
Rock Creek Trail	More maintenance
Rock Creek Trail	Arapahoe needs better bike lane and better signage. More connectivity between open spaces around Arapahoe. More signage everywhere. Maybe use QR codes for smaller / cheaper signs?
Rock Creek Trail	Keep adding bike trails :)
Rock Creek Trail	Maintain crushed rock better after rains. Big piles of loose rock cause bike crashes
Rock Creek Trail	I am opposed to e-bikes travelling too fast and not warning people before passing them.
Rock Creek Trail	Don't manage too carefully – don't overdo it
Rock Creek Trail	<i>Keep adding and maintaining!</i>
Rock Creek Trail	Rock Creek at Brainard has been locked during the week with no signage
Rock Creek Trail	I would like to see e-bikes restricted at least where people are walking

Trail Name	Suggestions
Rock Creek Trail	Meadowlark trail needs work!
Rock Creek Trail	Possible water stations
Rock Creek Trail	Need to plow in the winter!
Rock Creek Trail	<i>Not looking forward to the increased population around the trail in the coming years with more development. Hoping the trail stays intact.</i>
Rock Creek Trail	<i>Needs more signage on LoBo and intersections on this trail</i>
Rock Creek Trail	More trail as always and more publicity about trail work days
Rock Creek Trail	More trails are needed!
Rock Creek Trail	<i>More directional signage</i>
Rock Creek Trail	<i>Please keep expanding the off-road network!</i>
Rock Creek Trail	<i>The more the merrier!</i>
Rock Creek Trail	People riding with earphones are dangerous
Rock Creek Trail	<i>Un-mowed narrow trails are unusable</i>
Rock Creek Trail	Expand ____ bike trails, stop selling off property to make more retail and ____ couples along with increasing the cost of living in Colorado in general [illegible handwriting]
Twin Lakes	Wish development would stop. Wish the dogs hadn't taken over the lake!
Twin Lakes	<i>Please remove tree branches after you cut / prune trees. Please enforce dogs on leash on East Lake – lately people have allowed their pit bulls off leash on East Lake and to chase wildlife on West Lake – enforce the leash rules especially for aggressive breeds. And bikers need to learn to yell “on your left” or “on your right” when they are behind you.</i>
Twin Lakes	I am not a fan of closing off the West Lake to dogs, since they too need a place to enjoy. Maybe having more rules, specific areas where they can swim, roam free could be a good alternative.
Twin Lakes	More track and open space
Twin Lakes	Need more connectors to bike paths in Boulder – don't want to cross J road
Twin Lakes	No dogs on East Lake. Animal control out to give tickets for aggressive dogs and no leash
Twin Lakes	Please add the Twin Lakes parcels to the open space!
Twin Lakes	More fencing, OSMP patrol (dogs on ____), better no trespassing signs, save these lakes from over usage [illegible handwriting]
Twin Lakes	<i>Early in the spring, when you started filling the twin lakes with water, there was a ton of white, foamy stuff on the surface. Lots of people spray and seed their lawns at that time of year. Please give us a daily H2O quality and ____ posting at the gates (ex. “safe”, “____”, “stay out!”) so I know if my elderly dog (w/ medical issues) should go into the water and whether I should stay away from it too. [illegible handwriting]</i>
Twin Lakes	<i>Hope development doesn't encroach too much</i>
Twin Lakes	<i>PS – could extend the path where it ends at Orchard Creek – make that go all the way through and continue West towards Boulder</i>
Twin Lakes	People not picking up dog poop
Twin Lakes	If the new fence goes in – please don't dig the poles in – more damage to the roots

Trail Name	Suggestions
Twin Lakes	Don't ever spray roundup on anything! Even if dogs aren't in that area – it absorbs into the wetland
Twin Lakes	The spacing of the slats on the bridge on the south side is not code. It's more than 4". My dog can escape the park. More important, a child could be endangered.
Twin Lakes	Improvements: 1) add more benches near the water, 2) add sign at entrance saying if your dog does not get along with other dogs do not enter :)
Twin Lakes	Would like to know current states of blue algae
Twin Lakes	Please keep open and create more off leash trails – our dogs need them
Twin Lakes	Liked it better before West lake was converted to no leash
Twin Lakes	Please take care of this park!!
Twin Lakes	More trails for dogs! Quit closing them.
Twin Lakes	Better 1) animal control, 2) bathroom (permanent), 3) signs pick up poop
Twin Lakes	I am a bit alarmed about spending so much money on improvements to the Boulder Reservoir, while the cost of going to the beach is prohibitive! How about a summer pass or \$5 entrance?

Sources

- Bauer, M. (2004). Recreation Conflict at Six Boulder County Parks and Open Space Properties: A Baseline Study. Retrieved from <https://assets.bouldercounty.org/wp-content/uploads/2017/03/research-report-2003POSConflict.pdf> Accessed on March 29, 2022.
- Cultural Responsiveness & Inclusion Strategic Plan for the Boulder County Parks & Open Space Department. Retrieved from: <https://assets.bouldercounty.org/wp-content/uploads/2021/09/cultural-responsiveness-inclusion-strategic-plan.pdf> Accessed on March 29, 2022.
- Creswell, J.W. 2002. Research Design Qualitative, Quantitative, and Mixed Methods Approaches Second Edition. Sage Publications.
- De Leeuw, E.D. 2005. To mix or Not to Mix Data Collection Modes in Surveys. *Journal of Official Statistics*, 21(2), 233-255.
- Dillman, D. A., Smyth, J. D., & Christian, L. M. (2014). *Internet, Phone, Mail, and Mixed-Mode Surveys: The tailored design method* (4th ed.). Hoboken, New Jersey: John Wiley & Sons, Inc.
- Flores, D., Falco, G., Roberts, N.S., & Valenzuela, F.P. (2018). Recreation Equity: Is the Forest Service serving its diverse publics? *Journal Forestry*, 116(3), 266-272
- Fowler, F. J. (2014). *Survey Research Methods* (5th ed.). Thousand Oaks, California: SAGE Publications, Inc.
- Jacob, G. R. & Schreyer, R. (1980). Conflict in outdoor recreation: A theoretical perspective. *Journal of Leisure Research*, 12, 368-380.
- Jacob, Gerald R. and Schreyer, Richard. 1980. "Conflict in Outdoor Recreation: A Theoretical Perspective." *Journal of Leisure Research*. 4: 368-379.
- Manning, Robert E. 1999. *Studies in Outdoor Recreation*. Oregon State University Press.
- Manning, R. E. (2011). Indicators and standards in parks and outdoor recreation. In M. Budruk & R. Phillips (Eds.), *Quality-of-life community indicators for parks, recreation, and tourism management* (pp. 11–22). The Netherlands: Springer.
- Moore, Roger L. 1994. "Conflicts on multiple-use trails: synthesis of the literature and state of the practice." Federal Highway Administration Report No. FHWA-PD-94-031.

Ruddel, Edward J. and Gramann, James H. "Goal Orientation, Norms and Noise-Induced Conflict among Recreation Area Users." 1994. *Leisure Sciences*. 16: 93-104.

Scott, D., & Shafer, C.S. 2001. Recreation Specialization: A Critical Look at the Construct. *Journal of Leisure Research*, 33(3), 319-343.

U.S. Census Bureau. *2019 American Community Survey 1-Year Estimates*. "Age and Sex." TableID: S0101.

<https://data.census.gov/cedsci/table?g=0500000US08013&tid=ACSST1Y2019.S0101&hidePreview=true>

Accessed on November 2, 2021

U.S. Census Bureau. *2019 American Community Survey 1-Year Estimates*. "ACS Demographic and Housing Estimates." TableID: DP05.

<https://data.census.gov/cedsci/table?q=DP05&g=0500000US08013&tid=ACSDP1Y2019.DP05&hidePreview=true>

Accessed on November 2, 2021

Vaske, J.J. (2008). *Survey research and analysis: Application in parks, recreation and human dimensions*. State College, Pennsylvania: Venture Publishing.

Vaske, J. J., & Shelby, L. B. (2008). Crowding as a descriptive indicator and an evaluative standard: Results from 30 years of research. *Leisure Sciences*, 30(2), 111–126.

Watson, Alan E. 2001. "Goal Interference and Social Value Differences: Understanding Wilderness Conflicts and Implications for Managing Social Density." *USDA Forest Service Proceedings RMRS-P-20*: 62-67.