



Beavercreek, OH



Award: Bronze | Fall 2023

Award History: Bronze since 2019. Previously received Honorable Mention in 2016 and No Award in 2013.

Beavercreek's BFA Program Stats

of Local Bicycle Friendly Businesses: **1**
 # of Local Bicycle Friendly Universities: **0**
 # of Local League Cycling Instructors: **0**
 Ohio's Bicycle Friendly State Ranking: **#17**

The 5 Es Category Scores	Beavercreek	Max Score this round
Engineering	14.41%	79.3%
Education	19.73%	76.3%
Encouragement	25.49%	87.5%
Evaluation & Planning	24.13%	78.0%
Equity & Accessibility	7.76%	70.5%

Scores are determined by points earned in each 'E' Category, weighted against comparable communities in the Fall 2023 BFC round. See pages 2-3 for your full subcategory points in each Category.

Key Outcomes

Overall Commuter Ridership: 0.1%

Male Commuter Ridership: 0.05%

Female Commuter Ridership: 0.05%

(Bicycle Mode Share among commuters, according to the Census Bureau's 2022 American Community Survey 5-Year Estimate.)

Bicycle Mode Share: Unknown

(Reported by applicant)

Annual Average Bicyclist Crashes in last 5 years: 10

Annual Average Bicyclist Fatalities in last 5 years: 0.2

(Crashes and Fatalities both reported by applicant)

Community Profile

Population: 46,549

Area: 26.4 square miles

Population Density: 1763.2 people/square mile

Land Classification:

Suburban

Poverty Rate: 7.24%*

Median Household Income: \$69,717*

Percent of the Population that Speaks a

Language Other Than English at Home: 7.7%*

Percent with Disability: 10.1%*

Percent of Households with No Vehicle Available: 1.8%*

*Source: https://data.census.gov/profile/Beavercreek_city,_Ohio?q=160XX00US3904720

Beavercreek's Bike Links

Bike Network Map, if available:

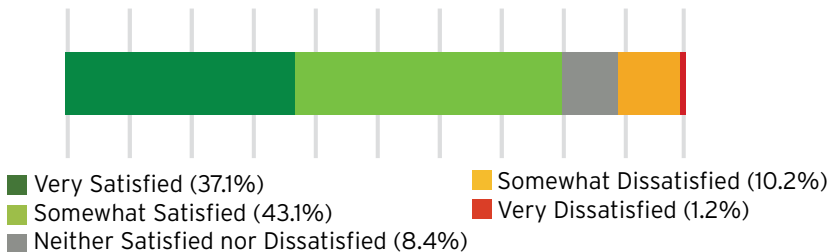
<http://beavercreekohio.gov/137/Bikeway-and-Non-Motorized-Transportation>

Bike Plan, if available:

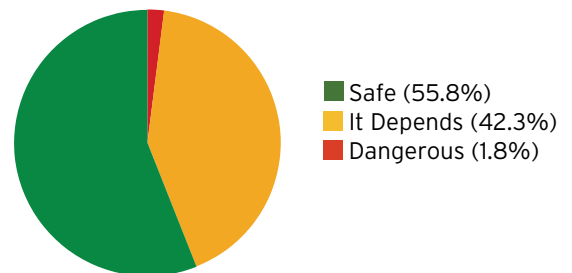
<http://beavercreekohio.gov/DocumentCenter/View/3012/Final-Draft-6-4-2019-Beavercreek-Thoroughfare-Plan1ppt>

Fall 2023 BFC Public Survey Response Summary for Beavercreek, OH

How satisfied are you with how this community is designed for making bike riding safe? (n = 167)



Is it safe or dangerous to ride a bicycle in your neighborhood, or does it depend? (n = 163)



What is the number one change you would most like to see the local government make in this community for bicyclists? (n = 166)

1. More bike lanes (31.9%)
2. More bike paths (15.7%)
3. None, can't think of any (14.5%)
4. Improve public decision-making processes for transportation improvements, including bicycling improvements (9.6%)
5. Improve existing bike lanes to protected bike lanes (9.0%)

About this Report Card

The following scores are based on the online application submitted by Beavercreek in the Fall 2023 Bicycle Friendly Community (BFC) submission round. These scores reflect a combination of automatically-generated points earned through the online application, as well as judge-assigned points and bonus points given by BFC reviewers.

The League updated its Bicycle Friendly Community application and awards criteria in 2022, after nearly a year of research, focus groups, interviews, listening sessions, and other outreach. The updated application includes a new section on Equity and Accessibility, and other changes throughout. As such, **this Bicycle Friendly Community Report card is a beta version** as we refine our new scoring system and develop a greater understanding of how to convey new information.

All Fall 2023 BFC Report Cards (including this one) will be republished with updated scores if there are significant changes to the points system after the next round of BFC applications. To learn more about the BFC application and awards criteria, please visit <https://bikeleague.org/community>.

ENGINEERING	<i>Beavercreek earned a weighted score of 14.41% in the Engineering Category. Below is the full breakdown of points that Beavercreek earned in each subcategory within the Engineering section, compared to the total points available in that subcategory from the Fall 2023 BFC application.</i>	
	Engineering Subcategories	Beavercreek's Subcategory Points in Engineering
	Policies and Design Standards for the Built Environment	3.8 / 41 pts
	End-of-Trip Facilities	1.9 / 44 pts
	Bicycle Network	11.6 / 128 pts
	Network Maintenance	10 / 32 pts
	Bicycle Access to Public Transportation	2.5 / 23 pts
	Bike Sharing	0 / 24 pts
	Other Bicycle-Related Amenities	0.5 / 6 pts
	Regional Coordination	2.5 / 23 pts
Engineering Bonus Points	0.5 / 10 pts	

EDUCATION	<i>Beavercreek earned a weighted score of 19.73% in the Education Category. Below is the full breakdown of points that Beavercreek earned in each subcategory of the Education section, compared to the total points available in that subcategory from the Fall 2023 BFC application.</i>	
	Education Subcategories	Beavercreek's Subcategory Points in Education
	Youth Bicycle Education	11 / 68 pts
	Adult Bicycle Education	10 / 47 pts
	Motorist Education	4 / 28 pts
	Bicycle Safety Education Resources	0.3 / 16 pts
	Inclusive Education	0 / 26 pts
Education Bonus Points	0.5 / 7 pts	

ENCOURAGEMENT	<i>Beavercreek earned a weighted score of 25.49% in the Encouragement Category. Below is the full breakdown of points that Beavercreek earned in each subcategory of the Encouragement section section, compared to the total points available in that subcategory from the Fall 2023 BFC application.</i>	
	Encouragement Subcategories	Beavercreek's Subcategory Points in Encouragement
	Encouragement Policies, Programs and Partnerships	2 / 17 pts
	Route-Finding Support	3.8 / 10 pts
	Bicycle Culture and Promotion	18.6 / 91 pts
	Access To Bicycle Equipment and Repair Services	4.8 / 35 pts
	Reducing Work-Related/Fleet VMT	5.1 / 11 pts
	Encouragement Bonus Points	0.5 / 7 pts

EVALUATION & PLANNING	<i>Beavercreek earned a weighted score of 24.13% in the Evaluation & Planning Category. Below is the full breakdown of points that Beavercreek earned in each subcategory of the Evaluation & Planning section, compared to the total points available in that subcategory from the Fall 2023 BFC application.</i>	
	Evaluation & Planning Subcategories	Beavercreek's Subcategory Points in Evaluation & Planning
	Staffing And Committees	8 / 35 pts
	Public Engagement for Bicycle Planning	7 / 35 pts
	Planning, Funding, And Implementation	5.6 / 46 pts
	Evaluating The Bicycle Network	0 / 25 pts
	Evaluating Ridership	1.5 / 20 pts
	Evaluating & Improving Safety Outcomes	12.1 / 42 pts
Evaluation & Planning Bonus Points	2.1 / 15 pts	

EQUITY & ACCESSIBILITY	<i>Beavercreek earned a weighted score of 7.76% in the Equity & Accessibility Category. Below is the full breakdown of points that Beavercreek earned in each subcategory of the Equity & Accessibility section, compared to the total points available in that subcategory from the Fall 2023 BFC application.</i>	
	Equity & Accessibility Subcategories	Beavercreek's Subcategory Points in Equity & Accessibility
	Equity & Accessibility Staffing, Committees, & Partnerships	1.5 / 24 pts
	Equity Data Collection & Goals	0 / 27 pts
	Equity & Accessibility Policies & Plans	0 / 21 pts
	Equity & Accessibility in Engineering	0 / 44 pts
	Equity & Accessibility in Education	1 / 52 pts
	Equity & Accessibility in Encouragement	3.3 / 42 pts
	Equity & Accessibility in Evaluation & Planning	7.3 / 51 pts
Equity & Accessibility Bonus Points	0 / 9 pts	



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FEEDBACK TO IMPROVE:

To maintain and improve on Beavercreek's Bronze-level Bicycle Friendly Community award, BFC Reviewers recommend...

- » Continue to improve and expand the low-stress bike network for all ages and abilities, and ensure that your community follows a bicycle facility selection criteria that increases separation and protection of bicyclists based on levels of motor vehicle speed and volume.
- » Lower speed limits -- and designed speeds -- on residential streets to 20 mph or less. Introduce road diets and traffic calming measures to ensure compliance. Develop a system of bicycle boulevards, utilizing these quiet neighborhood streets, that creates an attractive, convenient, and comfortable cycling environment welcoming to cyclists of all ages and skill levels. Use the Bicycle Boulevards section of the NACTO Urban Bikeway Design Guide for design guidelines.
- » Continue to increase the amount of high quality bicycle parking throughout the community, and to upgrade the quality of existing bike parking to meet APBP standards. Adopt a bike parking ordinance for new and existing buildings that specifies the amount and location of secure, convenient bike parking available. Develop community-wide Bicycle Parking Standards that adhere to current APBP guidelines. (See www.apbp.org/bicycle-parking-solutions).
- » It is great that all Elementary Schools in Beavercreek offer on-bike bicycling safety education. Continue to strengthen this programming by providing a fleet of bikes in schools to ensure that all students can learn to safely ride a bicycle regardless of the availability of a bicycle in their household, including adaptive cycles for children and youth with disabilities. You can also improve the Safe Routes to School program by expanding bike safety, STEM, and Bicycle Friendly Driver training to Middle and High Schools as well – this is particularly important as older students learn to drive and share the road. Work with the school district to appoint or hire a dedicated Safe Routes to School Coordinator to lead these efforts.
- » Increase the number of local League Cycling Instructors (LCIs) in your community, either by hosting an LCI seminar or sponsoring a City staffer or local bike advocate to attend an existing seminar elsewhere. Having several active instructors in the area will enable you to expand cycling education for youth and adults, recruit more knowledgeable cycling ambassadors, deliver Bicycle Friendly Driver education to motorists, and have experts available to assist in encouragement programs. Visit bikeleague.org/ridesmart for more information.



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FEEDBACK TO IMPROVE, CONTINUED:

- » Develop education and encouragement outreach methods and programs that specifically target families, women, seniors, low-income residents, and people with disabilities, in addition to general non-targeted outreach and media campaigns that discuss current and new bicycle facilities, safe driver and bicyclist behavior, and events related to walking and biking.
- » Encourage more local businesses, agencies, and organizations to promote cycling to their employees and customers and to seek recognition through the Bicycle Friendly Business program. City Hall or other municipal buildings could apply to the BFB program as an employer to lead by example among other local employers.
- » Increase the amount of staff time spent on improving conditions for people who bike and walk, either by creating a new dedicated position or expanding the responsibilities of current staff. Ensure that this position is well supported with training and professional development opportunities to stay up-to-speed on the latest best practices and safety guidelines for bicycle planning, outreach, and infrastructure.
- » Establish a dedicated annual budget for implementation of your Bicycle Master Plan, in addition to funding for ongoing bicycle programming and infrastructure development/maintenance.
- » Conduct a connectivity analysis and network quality evaluation of your existing bicycle network, and work to identify and fill any gaps. Establish a performance measurement program for bicycling and/or active transportation infrastructure. See FHWA's resources on these topics: https://bit.ly/FHWA_connectivity and https://bit.ly/FHWA_bikepedPMs.
- » Continue to develop a bicycle count program that utilizes several methods of data collection including automated bicycle counters to provide long-term data on bicycle use at fixed points and mobile counters to provide periodic or before/after data related to changes in your community's road or bicycle network. Observational counts and surveys can supplement automated data in order to collect demographic information and examine social equity goals.
- » Consider what other local community groups exist in Beavercreek who may be good potential partners to reach new audiences and build on existing bike education, encouragement, and engagement efforts. Question F4 on the BFC application provides a wealth of suggested community partners for you to consider, beyond the existing bike clubs and organizations that are already active in this space.
- » Adopt a goal to eliminate traffic fatalities and serious injuries and support this goal with a comprehensive road safety plan or a Vision Zero policy to identify specific strategies



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FEEDBACK TO IMPROVE, CONTINUED:

to reduce traffic crashes and deaths for all road users, including bicyclists and pedestrians. Introducing low stress bikeway facilities and lowering vehicle speeds through traffic calming treatments are important engineering components for addressing roadway safety. Consider using a tool like the Safer Streets Priority Finder to analyze crash data and identify High Injury areas of your network: <https://www.saferstreetspriorityfinder.com/>. Look into the Safe Streets and Roads for All (SS4A) Planning and Demonstration Grants from the U.S. Department of Transportation for potential funding opportunities to support this work: <https://www.transportation.gov/grants/SS4A>.

MORE RESOURCES FOR IMPROVING YOUR COMMUNITY:

- » **Guide to this BFC Report Card:** <https://bit.ly/BFC-Report-Card-Guide-Fa23>
- » **League of American Bicyclists:** <https://www.bikeleague.org>
- » **Bicycle Friendly Community (BFC) Program:** <https://bikeleague.org/community>
- » **Resources for Building a Bicycle Friendly Community:** https://bikeleague.org/BFC_Resources
- » **About the BFC Application Process:** <https://bikeleague.org/content/about-bfc-application-process>
- » **The Five E's:** <https://bikeleague.org/5-es>
- » **The BFC Ideabook and Map:** <https://bikeleague.org/BFCIdeaBook>
- » **The League's Benchmarking Project on Biking & Walking Data and Reports:** <https://data.bikeleague.org>
- » **Bicycle Friendly State Rankings and Report Cards:** <https://bikeleague.org/state>
- » **Bicycle Friendly Business (BFB) Program:** <https://bikeleague.org/business>
- » **Bicycle Friendly University (BFU) Program:** <https://bikeleague.org/university>
- » **Smart Cycling Education Program:** <https://bikeleague.org/ridesmart>
- » **National Bike Month Resources:** <https://bikeleague.org/bikemonth>
- » **More Reports and Resources from the League:** <http://bikeleague.org/reports>
- » **Federal Funding Resources from the League:** <https://bikeleague.org/federal-funding-resources/>
- » **Pedestrian and Bicycle Funding Opportunities from U.S. DOT Transit, Safety, and Highway Funds:** https://www.fhwa.dot.gov/environment/bicycle_pedestrian/funding/funding_opportunities.pdf
- » **U.S. DOT Navigator:** <https://www.transportation.gov/dot-navigator>