



Shaker Heights, OH



2024 BFC Award: Bronze
Award History: Bronze since 2016, previously Honorable Mention in 2014 and No Award in 2013.

Shaker Heights's BFA Program Stats

of Local Bicycle Friendly Businesses: **0**
 # of Local Bicycle Friendly Universities: **0**
 # of Local League Cycling Instructors: **2**
 Ohio's Bicycle Friendly State Ranking: **#16**

| The 5 Es Category Scores | Shaker Heights | Max Score this round |
|--------------------------|----------------|----------------------|
| Engineering | 27.54% | 79.26% |
| Education | 33.32% | 83.25% |
| Encouragement | 38.72% | 90.86% |
| Evaluation & Planning | 28.91% | 75.73% |
| Equity & Accessibility | 14.70% | 75.47% |

Scores are determined by points earned in each 'E' Category, weighted against comparable communities in the 2024 BFC round. See pages 2-3 for your full subcategory points in each Category.

Key Outcomes

Overall Commuter Ridership: 0.3%
 Male Commuter Ridership: 0.4%
 Female Commuter Ridership: 0.1%
(Bicycle Mode Share among commuters, according to the Census Bureau's 2022 or 2023 American Community Survey 5-Year Estimate.)

Bicycle Mode Share: Unknown
(Reported by applicant)

Annual Average Bicyclist Crashes in last 5 years: 3
Annual Average Bicyclist Fatalities in last 5 years: 0.2
(Crashes and Fatalities both reported by applicant)

Community Profile

Population: 29,439
 (Size classification for weighted scoring: Small)
 Area: 6.28 square miles
 Population Density: 4,687.70 people/square mile
 Land Classification: Urban
 Poverty Rate: 8.4%*
 Median Household Income: \$96,494*
 Percent of the Population that Speaks a Language Other Than English at Home: 10.7%*
 Percent with Disability: 10.8%*
 Percent of Households with No Vehicle Available: 8.6%*

*Source: https://data.census.gov/profile/Shaker_Heights_city,_Ohio?q=160XX00US3971682

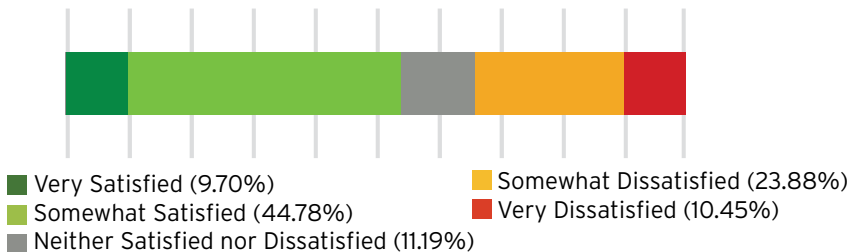
Shaker Heights's Bike Links

Bike Network Map, if available:
 PDF available upon request.

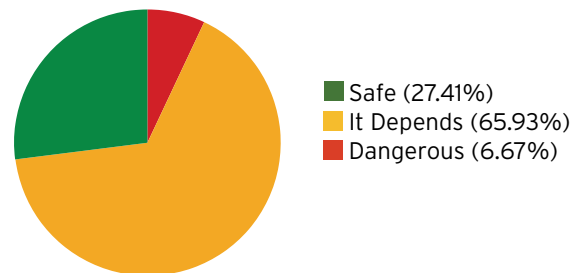
Bike Plan, if available:
<https://www.shakerheightsoh.gov/DocumentCenter/View/592/2008-Shaker-Bike-Route-Plan-PDF>

2024 BFC Public Survey Response Summary for Shaker Heights, OH

How satisfied are you with how this community is designed for making bike riding safe? (n = 134)



Is it safe or dangerous to ride a bicycle in your neighborhood, or does it depend? (n = 135)



What are the top 1-3 changes you would most like to see the local government make in this community for bicyclists? (n = 135)

1. More bike lanes (65.19%)
2. More bike paths (50.37%)
3. Improve existing bike lanes to protected bike lanes (38.52%)

About this Report Card

The following scores are based on the online application submitted by Shaker Heights in the 2024 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 2024 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>Shaker Heights earned a weighted score of 27.54% in the Engineering Category. Below is the full breakdown of points that Shaker Heights earned in each subcategory within the Engineering section, compared to the total points available in that subcategory from the 2024 BFC application.</i> | |
|--------------------------|---|--|
| | Engineering Subcategories | Shaker Heights's Subcategory Points in Engineering |
| | Policies and Design Standards for the Built Environment | 3.2 / 41 pts |
| | End-of-Trip Facilities | 9.3 / 44 pts |
| | Bicycle Network | 14.5 / 128 pts |
| | Network Maintenance | 8.8 / 32 pts |
| | Bicycle Access to Public Transportation | 9.8 / 23 pts |
| | Bike Sharing | 0.0 / 24 pts |
| | Other Bicycle-Related Amenities | 0.3 / 6 pts |
| | Regional Coordination | 15.0 / 23 pts |
| Engineering Bonus Points | 1.5 / 10 pts | |

| EDUCATION | <i>Shaker Heights earned a weighted score of 33.32% in the Education Category. Below is the full breakdown of points that Shaker Heights earned in each subcategory of the Education section, compared to the total points available in that subcategory from the 2024 BFC application.</i> | |
|------------------|---|--|
| | Education Subcategories | Shaker Heights's Subcategory Points in Education |
| | Youth Bicycle Education | 4.9 / 68 pts |
| | Adult Bicycle Education | 26.4 / 47 pts |
| | Motorist Education | 7.0 / 28 pts |
| | Bicycle Safety Education Resources | 3.4 / 16 pts |
| | Inclusive Education | 1.3 / 26 pts |
| | Education Bonus Points | 2.5 / 7 pts |

| ENCOURAGEMENT | <i>Shaker Heights earned a weighted score of 38.72% in the Encouragement Category. Below is the full breakdown of points that Shaker Heights earned in each subcategory of the Encouragement section section, compared to the total points available in that subcategory from the 2024 BFC application.</i> | |
|----------------------|---|--|
| | Encouragement Subcategories | Shaker Heights's Subcategory Points in Encouragement |
| | Encouragement Policies, Programs and Partnerships | 1.8 / 17 pts |
| | Route-Finding Support | 5.0 / 10 pts |
| | Bicycle Culture and Promotion | 32.8 / 91 pts |
| | Access To Bicycle Equipment and Repair Services | 3.7 / 35 pts |
| | Reducing Work-Related/Fleet VMT | 3.0 / 11 pts |
| | Encouragement Bonus Points | 3.5 / 7 pts |

| EVALUATION & PLANNING | <i>Shaker Heights earned a weighted score of 28.91% in the Evaluation & Planning Category. Below is the full breakdown of points that Shaker Heights earned in each subcategory of the Evaluation & Planning section, compared to the total points available in that subcategory from the 2024 BFC application.</i> | |
|------------------------------------|---|--|
| | Evaluation & Planning Subcategories | Shaker Heights's Subcategory Points in Evaluation & Planning |
| | Staffing And Committees | 5.5 / 35 pts |
| | Public Engagement for Bicycle Planning | 9.8 / 35 pts |
| | Planning, Funding, And Implementation | 10.4 / 46 pts |
| | Evaluating The Bicycle Network | 0.0 / 25 pts |
| | Evaluating Ridership | 2.5 / 20 pts |
| | Evaluating & Improving Safety Outcomes | 12.0 / 42 pts |
| Evaluation & Planning Bonus Points | 2.3 / 15 pts | |

| EQUITY & ACCESSIBILITY | <i>Shaker Heights earned a weighted score of 14.70% in the Equity & Accessibility Category. Below is the full breakdown of points that Shaker Heights earned in each subcategory of the Equity & Accessibility section, compared to the total points available in that subcategory from the 2024 BFC application.</i> | |
|-------------------------------------|---|---|
| | Equity & Accessibility Subcategories | Shaker Heights's Subcategory Points in Equity & Accessibility |
| | Equity & Accessibility Staffing, Committees, & Partnerships | 1.5 / 24 pts |
| | Equity Data Collection & Goals | 0.0 / 27 pts |
| | Equity & Accessibility Policies & Plans | 2.8 / 21 pts |
| | Equity & Accessibility in Engineering | 0.3 / 44 pts |
| | Equity & Accessibility in Education | 0.3 / 52 pts |
| | Equity & Accessibility in Encouragement | 4.9 / 42 pts |
| | Equity & Accessibility in Evaluation & Planning | 13.8 / 51 pts |
| Equity & Accessibility Bonus Points | 1.0 / 9 pts | |



Shaker Heights, OH

2024 BFC Award: Bronze | Award History: Bronze since 2016, previously Honorable Mention in 2014 and No Award in 2013.

FEEDBACK TO IMPROVE:

To maintain and improve on Shaker Heights'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.
- » Adopt a Complete Streets policy and create implementation guidance. By adopting a Complete Streets policy, communities direct their transportation planners and engineers to routinely design and operate the entire right-of-way to enable safe access for all users, regardless of age, ability, or mode of transportation. A Complete Streets policy should prompt the community to consider lane and/or road diets when repaving or otherwise doing major maintenance on roadways. Striping bicycle lanes as part of repaving operations can save 40% of the cost of adding a bicycle lane.
- » Develop a design manual that meets current FHWA, AASHTO, and/or NACTO standards, or formally adopt one of these organizations existing up-to-date guides as official guidance for your community's transportation planners and engineers. This will make it easier for city staff to propose and implement bicycle facility designs that have been shown to improve conditions for people who bike in other cities throughout the United States.
- » 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.
- » Develop community-wide Bicycle Parking Standards to ensure that APBP-compliant bicycle parking is available in areas near transit and urban activity centers. Without secure and convenient bicycle parking it is difficult for a person to choose to ride their bicycle for transportation or utilitarian trips.
- » Improve bicycle safety education for students of all ages by incorporating on-bicycle education opportunities and by expanding the program to all K-12 schools. Providing bicycles in schools for on-bike education ensures that all students can learn to safely ride a bicycle regardless of the availability of a bicycle in their household. Work with the school district, local bicycle groups, and interested parents to expand and improve the Safe Routes to School program.
- » 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 sem-



Shaker Heights, OH

2024 BFC Award: Bronze | Award History: Bronze since 2016, previously Honorable Mention in 2014 and No Award in 2013.

FEEDBACK TO IMPROVE, CONTINUED:

inar 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.

- » 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.
- » Create an official Bicycle & Pedestrian Advisory Committee (BPAC) to create a systematic method for ongoing citizen input into the development of important policies, plans, and projects. Ensure that the members of the committee reflect the diversity and ability levels of cyclists in your community.
- » Begin the process of creating a new Bicycle Master Plan or updating your 2008 Bike Plan. Regularly updating your bicycle plan is key to improving conditions for bicycling, adhering to evolving best practices and national standards, and institutionalizing processes for continual evaluation and improvement. Your updated community-wide bike plan should build upon the recently-adopted Van Aken Bikeway Plan and Lee Road Action Plan to create a safe, comfortable, and connected bicycle network. Ensure the new plan includes specific and measurable goals and performance measures to track progress, and is supported by a dedicated budget for implementation. Ensure the new plan includes specific and measurable goals and performance measures to track progress, and is supported by a dedicated budget for implementation.
- » 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.



Shaker Heights, OH

2024 BFC Award: Bronze | Award History: Bronze since 2016, previously Honorable Mention in 2014 and No Award in 2013.

FEEDBACK TO IMPROVE, CONTINUED:

- » Adopt a goal to eliminate traffic fatalities and serious injuries and support this goal with a comprehensive road safety plan and/or a Vision Zero policy to identify specific strategies 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 what other local community groups exist in Shaker Heights 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.

MORE RESOURCES FOR IMPROVING YOUR COMMUNITY:

- » **Guide to this BFC Report Card:** <https://bit.ly/BFC-Report-Card-Guide-2024>
- » **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 (BFS) 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>