



Warrenville, IL



Award: Bronze | Fall 2022
Award History: Bronze since 2015.
 previously Honorable Mention in 2009.

Warrenville's BFA Program Stats

of Local Bicycle Friendly Businesses: **0**
 # of Local Bicycle Friendly Universities: **0**
 # of Local League Cycling Instructors: **0**
 Illinois's Bicycle Friendly State Ranking: **#15**

Community Profile

Population: 14,655
 Area: 5.5 square miles
 Population Density: 2484 people/square mile
 Land Classification: Suburban
 Poverty Rate: 8.5%*
 Median Household Income: \$86,462*
 Percent of the Population that Speaks a Language Other Than English at Home: 21.8%*
 Percent with Disability: 7.4%*
 Percent of Households with No Vehicle Available: 2.3%*

*Source: <https://data.census.gov/cedsci/profile?q=1600000US1778929>

Warrenville's Bike Links

Bike Network Map, if available:
<https://www.warrenville.il.us/312/Bicyclist-Pedestrian-Adv-isoryCommission>

Bike Plan, if available:
<http://www.warrenville.il.us/documentcenter/view/484>

The 5 Es Category Scores	Warrenville	Max Score this round
Engineering	18%	62%
Education	27%	60%
Encouragement	29%	61%
Evaluation & Planning	27%	64%
Equity & Accessibility	13%	57%

Percentages shown above are the points received out of points available in that category. See pages 2-3 for Warrenville's subcategory points earned within each Category.

Key Outcomes

Commuter Ridership: 0.1%
 (Bicycle Mode Share among commuters, according to the Census Bureau's American Community Survey 5-Year Estimate)

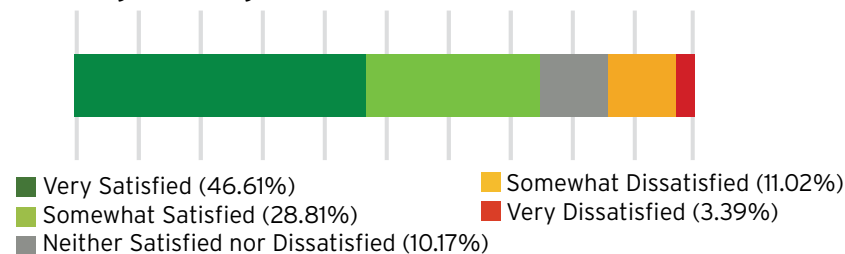
Overall Bicycle Mode Share: Unknown
 (Reported by applicant)

Annual Average Bicyclist Crashes in last 5 years: 0
 (Reported by applicant)

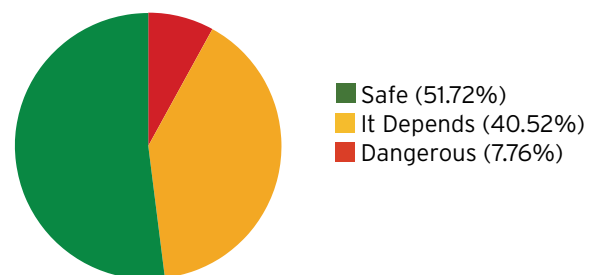
Annual Average Bicyclist Fatalities in last 5 years: 0
 (Reported by applicant)

Fall 2022 BFC Public Survey Response Summary for Warrenville, IL

How satisfied are you with how this community is designed for making bike riding safe? (n = 118)



Is it safe or dangerous to ride a bicycle in your neighborhood, or does it depend? (n = 116)



What is the number one change you would most like to see the local government make in this community for bicyclists? (n = 118)

1. More bike lanes (29.66%)
2. More bike paths (16.95%)

About this Report Card

The following scores are based on the online application submitted by Warrenville in the Fall 2022 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 the Summer of 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 2022 BFC Report Cards (including this one) will be republished with updated scores if there are changes to the points system after the next round of Bicycle Friendly Community applications. To learn more about the BFC application and awards criteria, please visit <https://bikeleague.org/community>.

ENGINEERING	<i>Warrenville earned 18% of the points available in the Engineering Category. Below is the breakdown of points that Warrenville earned in each subcategory of the Engineering section compared to the total points available in that respective subcategory from the Fall 2022 BFC application.</i>	
	Engineering Subcategories	Warrenville's Subcategory Points in Engineering
	Policies and Design Standards for the Built Environment	7 / 38 pts
	End-of-Trip Facilities	6 / 41 pts
	Bicycle Network	5 / 126 pts
	Network Maintenance	20 / 32 pts
	Bicycle Access to Public Transportation	12 / 22 pts
	Bike Sharing	0 / 25 pts
	Other Bicycle-Related Amenities	2 / 6 pts
	Regional Coordination	1 / 16 pts
Engineering Bonus Points	5 / 9 pts	

EDUCATION	<i>Warrenville earned 27% of the points available in the Education Category. Below is the breakdown of points that Warrenville earned in each subcategory of the Education section compared to the total points available in that respective subcategory from the Fall 2022 BFC application.</i>	
	Education Subcategories	Warrenville's Subcategory Points in Education
	Youth Bicycle Education	25 / 71 pts
	Adult Bicycle Education	17 / 47 pts
	Motorist Education	1 / 28 pts
	Bicycle Safety Education Resources	5 / 22 pts
	Inclusive Education	3 / 22 pts
Education Bonus Points	3 / 8 pts	

ENCOURAGEMENT	<i>Warrenville earned 29% of the points available in the Encouragement Category. Below is the breakdown of points that Warrenville earned in each subcategory of the Encouragement section compared to the total points available in that respective subcategory from the Fall 2022 BFC application.</i>	
	Encouragement Subcategories	Warrenville's Subcategory Points in Encouragement
	Encouragement Policies, Programs and Partnerships	6 / 22 pts
	Route-Finding Support	4 / 10 pts
	Bicycle Culture and Promotion	27 / 99 pts
	Access To Bicycle Equipment and Repair Services	21 / 49 pts
	Reducing Work-Related/Fleet VMT	0 / 10 pts
	Encouragement Bonus Points	0 / 8 pts

EVALUATION & PLANNING	<i>Warrenville earned 27% of the points available in the Evaluation & Planning Category. Below is the breakdown of points that Warrenville earned in each subcategory of the Evaluation & Planning section compared to the total points available in that respective subcategory from the Fall 2022 BFC application.</i>	
	Evaluation & Planning Subcategories	Warrenville's Subcategory Points in Evaluation & Planning
	Staffing And Committees	14 / 42 pts
	Public Engagement for Bicycle Planning	7 / 33 pts
	Planning, Funding, And Implementation	12 / 46 pts
	Evaluating The Bicycle Network	3 / 21 pts
	Evaluating Ridership	0 / 21 pts
	Evaluating & Improving Safety Outcomes	19 / 38 pts
Evaluation & Planning Bonus Points	2 / 8 pts	

EQUITY & ACCESSIBILITY	<i>Warrenville earned 13% of the points available in the Equity & Accessibility Category. Below is the breakdown of points that Warrenville earned in each subcategory of the Equity & Accessibility section compared to the total points available in that respective subcategory from the Fall 2022 BFC application.</i>	
	Equity & Accessibility Subcategories	Warrenville's Subcategory Points in Equity & Accessibility
	Equity & Accessibility Staffing, Committees, & Partnerships	10 / 38 pts
	Equity Data Collection & Goals	0 / 20 pts
	Equity & Accessibility Policies & Plans	0 / 38 pts
	Equity & Accessibility in Engineering	4 / 35 pts
	Equity & Accessibility in Education	2 / 35 pts
	Equity & Accessibility in Encouragement	9 / 35 pts
	Equity & Accessibility in Evaluation & Planning	7 / 35 pts
Equity & Accessibility Bonus Points	0 / 15 pts	



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FEEDBACK TO IMPROVE:

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

- » The data that Warrenville reported on its road network was incomplete. This lack of complete data makes it difficult to judge the current state of bicycling infrastructure in Warrenville. Ensure that data is available on your roadway network and your bicycle network so that your community can utilize GIS-based or other network analyses, can create high-quality bicycle network maps, and accurately assess the quality of your bicycle network.
- » Update and strengthen your Complete Streets policy and ensure it is followed for all future roadway projects, and that compliance is tracked in a transparent, public way. Ensuring compliance with a Complete Streets policy is an important and often low-cost way to add to your bicycle network. Striping bicycle lanes as part of repaving operations can save 40% of the cost of adding a bicycle lane. Consider incorporating the National Complete Streets Coalition's *10 Elements of a Complete Streets Policy*: <https://smartgrowthamerica.org/resources/elements-complete-streets-policy>.
- » 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. Consider updating your design manual to reflect current national standards and best practices.
- » Continue to increase the amount of high quality bicycle parking throughout the community. Conduct a bike parking study or audit to determine current conditions of bike parking, both in terms of quality and quantity, and upgrade the quality of existing racks as needed. 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).
- » 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.
- » Work with the local school district and other agencies to appoint or hire a new Safe Routes to School Coordinator to continue improving education for students and to focus on expanding and improving the bikeway network around schools.
- » 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.
- » Develop education and encouragement outreach methods and programs that specifically target families,



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FEEDBACK TO IMPROVE, CONTINUED:

women, seniors, low-income, and non-English speaking communities, 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.

- » Consider launching a bike share system or bicycle lending library that is open to the public. Bike sharing is a convenient, cost effective, and healthy way of encouraging locals and visitors to make short trips by bike, make bicycling more accessible to all, and to bridge the 'last mile' between destinations.
- » Begin the process of creating a new Bicycle Master Plan or updating your 2010 Bikeway Implementation 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. Ensure the new plan includes specific and measurable goals and performance measures to track progress, and is supported by a dedicated budget for implementation.
- » Create a bicycle count program that utilizes several methods of data collection to create an understanding of current bicyclists and the effects of new facilities on bicycling in Warrenville. Automated bicycle counters provide long-term data on bicycle use at fixed points in a community and mobile counters can provide periodic or before/after data related to a change 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.

MORE RESOURCES FOR IMPROVING YOUR COMMUNITY:

- » **League of American Bicyclists:** <https://www.bikeleague.org>
- » **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 League's Benchmarking Project on Biking and Walking Data and Reports:** <https://data.bikeleague.org>
- » **Bicycle Friendly State Rankings and Report Cards:** <https://bikeleague.org/state>
- » **Bicycle Friendly Business Program:** <https://bikeleague.org/business>
- » **Bicycle Friendly University Program:** <https://bikeleague.org/university>
- » **Smart Cycling Education Program:** <https://bikeleague.org/ridesmart>
- » **Advocacy Reports and Resources from the League:** <http://bikeleague.org/reports>
- » **Federal Funding Resources from the League:** <https://bikeleague.org/content/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