



## Plano, TX



**Award: Bronze | Spring 2023**

**Award History:** Bronze since 2015; Previously Honorable Mention in 2014; Applied but received No Designation in 2012 and 2008.

The 5 Es Category Scores	Plano	Max Score this round
Engineering	20%	53%
Education	42%	56%
Encouragement	25%	68%
Evaluation & Planning	27%	42%
Equity & Accessibility	16%	37%

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

### Key Outcomes

**Overall Commuter Ridership:** 0.3%

Male Commuter Ridership: 0.5%

Female Commuter Ridership: 0.1%

*(Bicycle Mode Share among commuters, according to the Census Bureau's 2021 American Community Survey 5-Year Estimate.)*

**Bicycle Mode Share:** Unknown

*(Reported by applicant)*

**Annual Average Bicyclist Crashes in last 5 years:** 27.2

**Annual Average Bicyclist Fatalities in last 5 years:** 0.2

*(Crashes and Fatalities both reported by applicant)*

### Plano's BFA Program Stats

# of Local Bicycle Friendly Businesses: **0**

# of Local Bicycle Friendly Universities: **0**

# of Local League Cycling Instructors: **10**

Texas's Bicycle Friendly State Ranking: **#32**

### Community Profile

Population: 283,100

Area: 72.04 square miles

Population Density: 3927 people/square mile

Land Classification:

Mixed Urban/Suburban

Poverty Rate: 8.8%\*

Median Household Income: \$95,002\*

Percent of the Population that Speaks a

Language Other Than English at Home: 36.9%\*

Percent with Disability: 8.4%\*

Percent of Households with No Vehicle Available: 2.6%\*

*\*Source: [https://data.census.gov/profile/Plano\\_city,\\_Texas-?g=1600000US4858016](https://data.census.gov/profile/Plano_city,_Texas-?g=1600000US4858016)*

### Plano's Bike Links

**Bike Network Map, if available:**

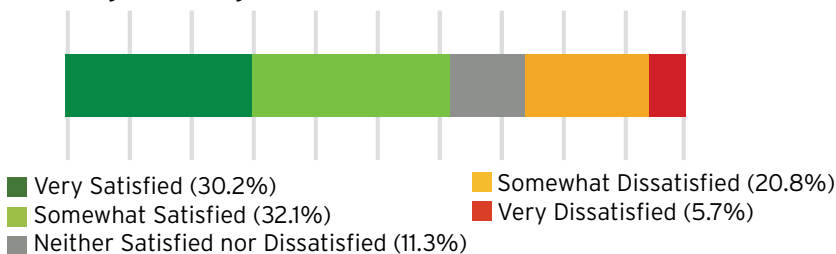
N/A

**Bike Plan, if available:**

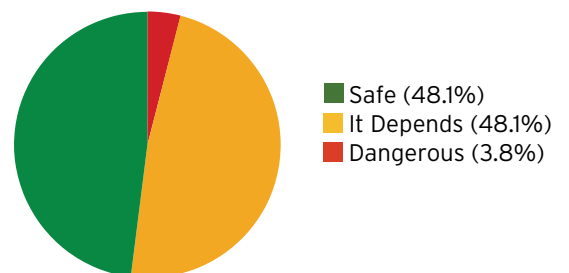
<https://planocompplan.org/DocumentCenter/View/1146/Bicycle-Transportation-Plan-Map?bidId=>

## Spring 2023 BFC Public Survey Response Summary for Plano, TX

**How satisfied are you with how this community is designed for making bike riding safe? (n = 53)**



**Is it safe or dangerous to ride a bicycle in your neighborhood, or does it depend? (n = 52)**



**What is the number one change you would most like to see the local government make in this community for bicyclists? (n = 54)**

1. More bike lanes (37.0%)
2. More bike paths (18.5%)
3. Improve existing bike lanes to protected bike lanes (13.0%)
4. Increase education for drivers (11.1%)

## About this Report Card

The following scores are based on the online application submitted by Plano in the Spring 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 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 Spring 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>.

<b>ENGINEERING</b>	<i>Plano earned 20% of the points available in the Engineering Category. Below is the breakdown of points that Plano earned in each subcategory of the Engineering section compared to the total points available in that respective subcategory from the Spring 2023 BFC application.</i>	
	Engineering Subcategories	Plano's Subcategory Points in Engineering
	Policies and Design Standards for the Built Environment	9 / 41 pts
	End-of-Trip Facilities	11 / 44 pts
	Bicycle Network	14 / 128 pts
	Network Maintenance	12 / 32 pts
	Bicycle Access to Public Transportation	13 / 23 pts
	Bike Sharing	0 / 21 pts
	Other Bicycle-Related Amenities	2 / 6 pts
	Regional Coordination	4 / 23 pts
Engineering Bonus Points	1 / 10 pts	

<b>EDUCATION</b>	<i>Plano earned 42% of the points available in the Education Category. Below is the breakdown of points that Plano earned in each subcategory of the Education section compared to the total points available in that respective subcategory from the Spring 2023 BFC application.</i>	
	Education Subcategories	Plano's Subcategory Points in Education
	Youth Bicycle Education	22 / 69 pts
	Adult Bicycle Education	33 / 47 pts
	Motorist Education	10 / 28 pts
	Bicycle Safety Education Resources	9 / 16 pts
	Inclusive Education	5 / 26 pts
Education Bonus Points	4 / 7 pts	

<b>ENCOURAGEMENT</b>	<i>Plano earned 25% of the points available in the Encouragement Category. Below is the breakdown of points that Plano earned in each subcategory of the Encouragement section compared to the total points available in that respective subcategory from the Spring 2023 BFC application.</i>	
	Encouragement Subcategories	Plano's Subcategory Points in Encouragement
	Encouragement Policies, Programs and Partnerships	1 / 17 pts
	Route-Finding Support	6 / 10 pts
	Bicycle Culture and Promotion	28 / 91 pts
	Access To Bicycle Equipment and Repair Services	4 / 35 pts
	Reducing Work-Related/Fleet VMT	3 / 11 pts
	Encouragement Bonus Points	1 / 7 pts

<b>EVALUATION &amp; PLANNING</b>	<i>Plano earned 27% of the points available in the Evaluation &amp; Planning Category. Below is the breakdown of points that Plano earned in each subcategory of the Evaluation &amp; Planning section compared to the total points available in that respective subcategory from the Spring 2023 BFC application.</i>	
	Evaluation & Planning Subcategories	Plano's Subcategory Points in Evaluation & Planning
	Staffing And Committees	16 / 40 pts
	Public Engagement for Bicycle Planning	8 / 35 pts
	Planning, Funding, And Implementation	11 / 46 pts
	Evaluating The Bicycle Network	7 / 24 pts
	Evaluating Ridership	5 / 20 pts
	Evaluating & Improving Safety Outcomes	9 / 42 pts
Evaluation & Planning Bonus Points	2 / 7 pts	

<b>EQUITY &amp; ACCESSIBILITY</b>	<i>Plano earned 16% of the points available in the Equity &amp; Accessibility Category. Below is the breakdown of points that Plano earned in each subcategory of the Equity &amp; Accessibility section compared to the total points available in that respective subcategory from the Spring 2023 BFC application.</i>	
	Equity & Accessibility Subcategories	Plano's Subcategory Points in Equity & Accessibility
	Equity & Accessibility Staffing, Committees, & Partnerships	6 / 24 pts
	Equity Data Collection & Goals	0 / 12 pts
	Equity & Accessibility Policies & Plans	2 / 31 pts
	Equity & Accessibility in Engineering	5 / 44 pts
	Equity & Accessibility in Education	8 / 52 pts
	Equity & Accessibility in Encouragement	9 / 42 pts
	Equity & Accessibility in Evaluation & Planning	11 / 58 pts
Equity & Accessibility Bonus Points	0 / 9 pts	



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### FEEDBACK TO IMPROVE:

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

- » 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.
- » Develop a design manual that meets current NACTO standards or adopt the NACTO Urban Bikeway Design Guide.
- » 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 expand and improve Plano's low-stress on-road bike network 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, to maximize safety and comfort for bicyclists of all ages and abilities. Identify gaps and add new facilities that complete and expand the bicycle network, and work to upgrade existing facilities, such as by converting bike lanes into protected bike lanes, and upgrading roads with sharrows and/or signed bike routes into dedicated bicycle boulevards.
- » Increase the amount of high quality bicycle parking throughout the community. Adopt a bike parking ordinance for new and existing buildings that specifies standards for the amount and location of secure, convenient, APBP-compliant bike parking available. (See [www.apbp.org/bicycle-parking-solutions](http://www.apbp.org/bicycle-parking-solutions))
- » Improve bicycle safety education for students of all ages by incorporating more 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.
- » Develop a community-wide trip reduction ordinance/program, commuter incentive program, and a Guaranteed Ride Home program to encourage and support bike commuters in Plano.
- » Work with your local chamber of commerce to bolster business participation in the Bicycle Friendly Business program. This is a great way to get local businesses excited and invested into opportunities for improving bike infrastructure (paths, trails, lanes, and bike parking).
- » Create an official Bicycle & Pedestrian Advisory Committee (BPAC) that is separate from the Parks and Recreation Planning Advisory Board to create a systematic method for ongoing citizen input into the development of important policies, plans, and projects that impact bicycling conditions in Plano. Ensure that the members of the committee reflect the diversity and ability levels of cyclists in your community. See the Evaluation & Planning section of the BFC Resources page for several resources related to creating and maintaining an effective BPAC: [https://bikeleague.org/BFC\\_Resources](https://bikeleague.org/BFC_Resources).



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### FEEDBACK TO IMPROVE, CONTINUED:

- » 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 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: [www.saferstreetspriorityfinder.com/](http://www.saferstreetspriorityfinder.com/).
- » Collect more socioeconomic and demographic data as it relates to current transportation habits and patterns, and establish equity-related indicators to inform future prioritization and budgeting processes for your community.
- » Adopt a goal for a target level of bicycle use (percent of trips made by bike) to be achieved within a specific timeframe, and ensure data collection necessary to monitor progress toward your adopted goal.

### MORE RESOURCES FOR IMPROVING YOUR COMMUNITY:

- » **Guide to this BFC Report Card:** <https://bit.ly/BFC-Report-Card-Guide-Sp23>
- » **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](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 (BFB) Program:** <https://bikeleague.org/business>
- » **Bicycle Friendly University (BFU) 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/take-action/policy-advocacy/federal-policy/federal-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](https://www.fhwa.dot.gov/environment/bicycle_pedestrian/funding/funding_opportunities.pdf)
- » **U.S. DOT Navigator:** <https://www.transportation.gov/dot-navigator>