



# SHAKER HEIGHTS, OH

TOTAL POPULATION

27,027

POPULATION DENSITY

4304

TOTAL AREA (sq. miles)

6.28

# OF LOCAL BICYCLE FRIENDLY BUSINESSES

0

# OF LOCAL BICYCLE FRIENDLY UNIVERSITIES

0

## 10 BUILDING BLOCKS OF A BICYCLE FRIENDLY COMMUNITY

	Average Silver	Shaker Heights
High Speed Roads with Bike Facilities	35%	N/A - NO HIGH SPEED ROADS
Total on- and off-road Bicycle Network Mileage to Total Road Network Mileage	48%	16%
Bicycle Education in Schools	GOOD	NEEDS IMPROVEMENT
Share of Transportation Budget Spent on Bicycling	11%	5%
Bike Month and Bike to Work Events	GOOD	ACCEPTABLE
Active Bicycle Advocacy Group	YES	YES
Active Bicycle Advisory Committee	MEETS EVERY TWO MONTHS	MEETS AT LEAST MONTHLY
Bicycle-Friendly Laws & Ordinances	GOOD	NEEDS IMPROVEMENT
Bike Plan is Current and is Being Implemented	YES	NO
Bike Program Staff to Population	1 PER 78K	1 PER 90K

## CATEGORY SCORES

<b>ENGINEERING</b> <i>Bicycle network and connectivity</i>	2.99 /10
<b>EDUCATION</b> <i>Motorist awareness and bicycling skills</i>	2.41 /10
<b>ENCOURAGEMENT</b> <i>Mainstreaming bicycling culture</i>	1.83 /10
<b>EVALUATION &amp; PLANNING</b> <i>Setting targets and having a plan</i>	3.17 /10

## KEY OUTCOMES

	Average Silver	Shaker Heights
<b>RIDERSHIP</b> <i>Percentage of Commuters who bike</i>	2.7%	0.52%
<b>SAFETY MEASURES CRASHES</b> <i>Crashes per 10k bicycle commuters</i>	537	441.18
<b>SAFETY MEASURES FATALITIES</b> <i>Fatalities per 10k bicycle commuters</i>	6.3	0



## KEY STEPS TO SILVER



- » 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 NACTO standards or adopt the NACTO Urban Bikeway Design Guide. 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. 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.

- » Bicycle safety education should be a routine part of education for students of all ages, and schools and the surrounding neighborhoods should be particularly safe and convenient for biking and walking. Work with local bicycle groups and interested parents to build on the collaborative efforts of the Shaker Schools Family and Community Engagement Center (FACE) to create Safe Routes to School programming for all 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. Visit [bikeleague.org/ridesmart](http://bikeleague.org/ridesmart) for more information.

KEY STEPS CONTINUED ON PAGE 2...



# SHAKER HEIGHTS, OH

*Fall 2020*

## KEY STEPS TO **SILVER** CONTINUED

- » Develop education and encouragement outreach methods and programs that specifically target families, 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.
- » Begin the process of creating a new Bicycle Master Plan or updating your 2008 Shaker Heights On-Road Bicycle Route Network 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 that the new Plan includes specific and measurable goals, a strong implementation plan, and dedicated funding or an annual budget to ensure its success.
- » 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 a changes in your community's road or bicycle network.
- » Adopt a target level of bicycle use (percent of trips) to be achieved within a specific timeframe, and ensure data collection necessary to monitor progress.
- » Your application indicated the existence of multiple laws that restrict the movement of bicyclists or which may discourage people from bicycling, such as an all-ages mandatory helmet law, mandatory bicycle registration, and mandatory sidewalk riding for children under the age of 14. Review these local ordinances and any data on citations and crashes that is available to understand whether your current ordinances are necessary or effective in improving safety. The problems that motivate these restrictions can often be addressed by engineering and education rather than enforcement.

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### MORE RESOURCES FOR IMPROVING YOUR COMMUNITY:

- » League of American Bicyclists: <https://www.bikeleague.org>
- » Guide to the BFC Report Card: [https://bikeleague.org/sites/default/files/Guide\\_to\\_the\\_Bicycle\\_Friendly\\_Community\\_Report\\_Card.pdf](https://bikeleague.org/sites/default/files/Guide_to_the_Bicycle_Friendly_Community_Report_Card.pdf)
- » Resources for Building a Bicycle Friendly Community: [https://bikeleague.org/BFC\\_Resources](https://bikeleague.org/BFC_Resources)
- » Building Blocks of a Bicycle Friendly Community: <https://bikeleague.org/content/building-blocks-bicycle-friendly-communities>
- » The Five E's: <https://bikeleague.org/5-es>
- » Smart Cycling Program: <https://bikeleague.org/ridesmart>
- » Advocacy Reports and Resources: <https://bikeleague.org/reports>
- » Bicycle Friendly Business Program: <https://bikeleague.org/business>
- » National Bike Month: <https://bikeleague.org/bikemonth>

