



WACO, TX

Spring 2018

TOTAL POPULATION

134,432

TOTAL AREA (sq. miles)

84.2

POPULATION DENSITY

1350

OF LOCAL BICYCLE FRIENDLY BUSINESSES

0

OF LOCAL BICYCLE FRIENDLY UNIVERSITIES

0

10 BUILDING BLOCKS OF A BICYCLE FRIENDLY COMMUNITY

| | Average Bronze | Waco |
|---|----------------|-------------------|
| High Speed Roads with Bike Facilities | 20% | 1% |
| Total Bicycle Network Mileage to Total Road Network Mileage | 25% | 4% |
| Bicycle Education in Schools | AVERAGE | NEEDS IMPROVEMENT |
| Share of Transportation Budget Spent on Bicycling | 7% | UNKNOWN |
| Bike Month and Bike to Work Events | AVERAGE | AVERAGE |
| Active Bicycle Advocacy Group | YES | YES |
| Active Bicycle Advisory Committee | MEETS MONTHLY | NONE |
| Bicycle-Friendly Laws & Ordinances | AVERAGE | AVERAGE |
| Bike Plan is Current and is Being Implemented | YES | YES |
| Bike Program Staff to Population | 1 PER 149K | 1 PER 54K |

CATEGORY SCORES

| | |
|---|---------|
| ENGINEERING <i>Bicycle network and connectivity</i> | 2.8 /10 |
| EDUCATION <i>Motorist awareness and bicycling skills</i> | 2.7 /10 |
| ENCOURAGEMENT <i>Mainstreaming bicycling culture</i> | 3.1 /10 |
| ENFORCEMENT <i>Promoting safety and protecting bicyclists' rights</i> | 2.1 /10 |
| EVALUATION & PLANNING <i>Setting targets and having a plan</i> | 3.1 /10 |

KEY OUTCOMES

| | Average Bronze | Waco |
|--|----------------|--------|
| RIDERSHIP <i>Percentage of commuters who bike</i> | 1.2% | 0.48% |
| SAFETY MEASURES CRASHES <i>Crashes per 10k bicycle commuters</i> | 1123 | 757.58 |
| SAFETY MEASURES FATALITIES <i>Fatalities per 10k bicycle commuters</i> | 20 | 7.58 |



KEY STEPS TO BRONZE

- » Ensure that your Complete Streets policy is followed for all projects, and that compliance is tracked. 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. If necessary, revisit your Complete Streets policy and process to ensure better compliance.
- » 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.

- » 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. Conduct a bike parking study or audit to determine current conditions of bike parking, both in terms of quality and quantity.
- » Your application indicated that the majority of roads within your community have a posted speed limit above 25 mph. Consider whether neighborhood greenways optimized for biking should have lower speed limits and traffic calming to ensure compliance. If traffic studies show actual speeds are higher than the posted limits on some roads, use traffic calming and enforcement to ensure that people do not exceed the

KEY STEPS CONTINUED ON PAGE 2...



WACO, TX

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KEY STEPS TO BRONZE CONTINUED

posted speed.

- » Waco has a limited bicycle network. Based on the data provided it is unlikely that it provides a low-stress experience suitable for people of all ages and abilities. Ensure that there is a plan for continual improvement with the goal of creating a safe and comfortable bicycle network for people of all ages and abilities.
- » Work with local bicycle groups and interested parents to expand and improve the Safe Routes to School program to all schools. In particular, middle and high school education efforts could be improved. These efforts are particularly important as students learn to drive and share the road.
- » Host a League Cycling Instructor (LCI) seminar to increase the number of local LCIs in your community. 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.
- » Provide education to law enforcement officers on bicycle safety and traffic laws as they apply to bicyclists and motorists and bicycling skills. Develop a bike patrol unit to improve bicyclist/officer relations, and ensure that law enforcement officers who are not certified or trained as bicycle patrol

officers nevertheless have basic training or experience with bicycling in your community in order to foster positive interactions between bicyclists and police officers.

- » Adopt a comprehensive road safety plan or a Vision Zero policy to create engineering, education, and enforcement strategies to reduce traffic crashes and deaths for all road users, including bicyclists and pedestrians. Road diets, lane diets, and traffic calming treatments are important engineering components for addressing safety.
- » 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.
- » 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 Waco. 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 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: <http://www.bikeleague.org>
- » Guide to the BFC Report Card:
http://bikeleague.org/sites/default/files/Guide_to_the_Bicycle_Friendly_Community_Report_Card.pdf
- » Building Blocks of a Bicycle Friendly Community:
<http://bikeleague.org/content/building-blocks-bicycle-friendly-communities>
- » The Five E's: <http://bikeleague.org/content/5-es>
- » Community FAQs & Resources: <http://bikeleague.org/content/community-faq-resources>
- » Smart Cycling Program: <http://bikeleague.org/ridesmart>
- » Advocacy Reports and Resources: <http://bikeleague.org/reports>