



# ROLLA, MO

TOTAL POPULATION  
**19,559**

POPULATION DENSITY  
**1,614**

TOTAL AREA (sq. miles)  
**12.12**

# OF LOCAL BICYCLE FRIENDLY BUSINESSES **0**

# OF LOCAL BICYCLE FRIENDLY UNIVERSITIES **0**

## 10 BUILDING BLOCKS OF A BICYCLE FRIENDLY COMMUNITY

	Average Silver	Rolla
High Speed Roads with Bike Facilities	35%	0%
Total Bicycle Network Mileage to Total Road Network Mileage	48%	11%
Bicycle Education in Schools	GOOD	NEEDS IMPROVEMENT
Share of Transportation Budget Spent on Bicycling	11%	10%
Bike Month and Bike to Work Events	GOOD	ACCEPTABLE
Active Bicycle Advocacy Group	YES	YES
Active Bicycle Advisory Committee	MEETS EVERY TWO MONTHS	MEETS QUARTERLY
Bicycle-Friendly Laws & Ordinances	GOOD	NEEDS IMPROVEMENT
Bike Plan is Current and is Being Implemented	YES	YES
Bike Program Staff to Population	1 PER 78K	1 PER 6K

## CATEGORY SCORES

<b>ENGINEERING</b> <i>Bicycle network and connectivity</i>	<b>2.3</b> /10
<b>EDUCATION</b> <i>Motorist awareness and bicycling skills</i>	<b>1.7</b> /10
<b>ENCOURAGEMENT</b> <i>Mainstreaming bicycling culture</i>	<b>2.3</b> /10
<b>ENFORCEMENT</b> <i>Promoting safety and protecting bicyclists' rights</i>	<b>2.6</b> /10
<b>EVALUATION &amp; PLANNING</b> <i>Setting targets and having a plan</i>	<b>3.3</b> /10

## KEY OUTCOMES

	Average Silver	Rolla
<b>RIDERSHIP</b> <i>Percentage of Commuters who bike</i>	<b>2.7%</b>	<b>0.95%</b>
<b>SAFETY MEASURES CRASHES</b> <i>Crashes per 10k bicycle commuters</i>	<b>537</b>	<b>411</b>
<b>SAFETY MEASURES FATALITIES</b> <i>Fatalities per 10k bicycle commuters</i>	<b>6.3</b>	<b>27.4</b>



## KEY STEPS TO SILVER



- » Continue to increase the amount of high quality bicycle parking throughout the community, and to upgrade the quality of existing bike parking to meet APBP standards. Adopt a bike parking ordinance for new and existing buildings that specifies the amount and location of secure, convenient, APBP-compliant bike parking available.
- » Continue to expand the bike network and increase connectivity through the use of different types of bicycle facilities appropriate for the speed and volume of motor vehicle traffic on each road.
- » Develop a network of bike boulevards/neighborhood greenways to take advantage of Rolla's many lower-speed streets, to encourage and optimize bicycle travel on low-stress corridors.
- » Bicycle safety education should be a routine part of education for students of all ages. Work with the local school district and other agencies to appoint or hire a new Safe Routes to School Coordinator.
- » Develop bicycle education opportunities for adults. Consider ways to target demographics who currently do not feel safe riding with classes or events that address their concerns.

- » Increase the number of local League Cycling Instructors (LCIs) in your community, either by hosting an LCI seminar or sponsoring a City staffer, Police Officer, and/or local bike advocate to attend an existing seminar elsewhere.
- » Improve Bike Month activities by creating a Bike to Work Day event, Bike to School Day event, and/or a Mayor's Ride.
- » Develop a bike patrol unit, and ensure that law enforcement officers who are not certified or trained as bicycle patrol officers nevertheless have basic training in bicycling and traffic safety.
- » 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.
- » Create a bicycle count program that utilizes several methods of data collection, such as automated counters and commuter surveys, to create a better understanding of current bicyclists and the effects of new facilities on bicycling in Rolla.