



ROANOKE, VA

TOTAL POPULATION
99,920

POPULATION DENSITY
2346

TOTAL AREA (sq. miles)
42.6

OF LOCAL BICYCLE FRIENDLY BUSINESSES **4**

OF LOCAL BICYCLE FRIENDLY UNIVERSITIES **0**

10 BUILDING BLOCKS OF A BICYCLE FRIENDLY COMMUNITY

	Average Silver	Roanoke
High Speed Roads with Bike Facilities	35%	84%
Total on- and off-road 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%	3%
Bike Month and Bike to Work Events	GOOD	VERY GOOD
Active Bicycle Advocacy Group	YES	YES
Active Bicycle Advisory Committee	MEETS EVERY TWO MONTHS	MEETS QUARTERLY
Bicycle-Friendly Laws & Ordinances	GOOD	GOOD
Bike Plan is Current and is Being Implemented	YES	NO
Bike Program Staff to Population	1 PER 78K	1 PER 28.5K

CATEGORY SCORES

ENGINEERING <i>Bicycle network and connectivity</i>	3.25 /10
EDUCATION <i>Motorist awareness and bicycling skills</i>	2.98 /10
ENCOURAGEMENT <i>Mainstreaming bicycling culture</i>	4.75 /10
EVALUATION & PLANNING <i>Setting targets and having a plan</i>	3.97 /10

KEY OUTCOMES

	Average Silver	Roanoke
RIDERSHIP <i>Percentage of Commuters who bike</i>	2.7%	0.74%
SAFETY MEASURES CRASHES <i>Crashes per 10k bicycle commuters</i>	537	NO DATA
SAFETY MEASURES FATALITIES <i>Fatalities per 10k bicycle commuters</i>	6.3	0



KEY STEPS TO SILVER



- » Develop and adopt an updated official bicycle master plan for your community. A bike plan is a critical step to improving conditions for bicycling and institutionalizing processes for continual improvement.
- » 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. On roads where automobile speeds regularly exceed 35 mph, it is recommended to provide protected bicycle infrastructure such as protected bike lanes/cycle tracks. In slower speed areas such as quiet neighborhood streets, develop a system of bicycle boulevards that create an attractive, convenient, and comfortable cycling environment welcoming to cyclists of all ages and skill levels.
- » Develop a design manual that meets current NACTO standards or adopt the NACTO Urban Bikeway Design Guide.
- » Expand bike parking availability beyond the downtown core, including grocery stores and other key destinations throughout the community. Adopt a bike parking ordinance for new and existing buildings that specifies the amount and location of secure, convenient bike parking available. Develop Bicycle Parking Standards that adhere to current APBP guidelines.

- » Expand bicycle safety education to be a routine part of education for students of all ages, and ensure that schools and the surrounding neighborhoods are particularly safe and convenient for biking and walking. Work with the school district, local bicycle groups, and interested parents to create Safe Routes to School programming for all K-12 schools.
- » Encourage more local businesses, agencies, and organizations to promote cycling to their employees and customers and to seek recognition through the Bicycle Friendly Business program.
- » Continue to build bike culture and promote cycling during Bike Month and throughout the year in your community through a variety of signature events, rides, celebrations, commuter challenges and more. An annual City Council ride would be a great addition to engage local decision makers.
- » Work with area hospitals and emergency responders to collect and track bike crash data. Collecting data is an important step to addressing bike safety. Data about crashes should be used to identify where projects can resolve or mitigate safety issues. Pedestrian crashes and fatalities may be an indicator that roads are also unsafe for biking.