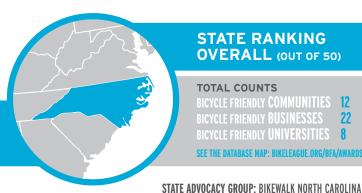


# **NORTH CAROLINA**



### STATE RANKING **OVERALL** (OUT OF 50)

### TOTAL COUNTS

BICYCLE FRIENDLY COMMUNITIES 12 BICYCLE FRIENDLY UNIVERSITIES 8

SEE THE DATABASE MAP: BIKELEAGUE.ORG/BFA/AWARDS

### **Summary**

North Carolina has a long history of being a leader in bicycle transportation planning, with the creation of North Carolina Department of Transportation's Division of Bicycle and Pedestrian Transportation in 1973. A robust program for funding local bicycle plans contributes to a top 10 Evaluation & Planning category rank. North Carolina also has an institutional anchor for planning efforts in the University of North Carolina Highway Safety Research Center, which hosts the Pedestrian and Bicycle Information Center.

Unfortunately, North Carolina has not seen these planning efforts lead to a strong record of safety or ridership. This may in part be due to recent state funding restrictions that make it harder to implement bicycle and pedestrian infrastructure, or a reflection of local land use policies that are outside of the scope of our survey and state control. Whatever the case, finding a way to improve these federal data points would be key to any future rise in North Carolina's ranking.

### **Feedback Points**

Restore state funding for bike/ ped infrastructure that was limited by the Strategic Transportation Investment Act in 2013, effective 2015. This Act has made it more difficult for the state to support infrastructure that improves the safety and mobility of people who bike and walk.

Adopt a law allowing transportation agencies to post 20 mph or lower speed limits under certain circumstances.

Adopt a law prohibiting a motorist from opening an automobile's door unless the motorist is able to do so safely. North Carolina is one of only 9 states without a law protecting people who bike from "dooring."

North Carolina has the 6th worst rate of bicyclist fatalities per bike commuter. This rate shows that bicyclist safety is an issue for current bicyclists and people who may want to bicycle for health or transportation. Addressing bicyclist safety is important for enabling more people to choose to bike.

In order to address bicyclist safety and implement some of the great bicycle planning that has been done by NCDOT and through NCDOTadministered bicycle planning grants, there should be an increase in NCDOT Bike/Ped Division staffing so that projects can move forward according to these plans.

North Carolina should create a strategic plan for the compilation, evaluation and reporting of bicycle miles traveled or another comparable metric of bicycle use in the state, metro regions, or corridors of significant bicycle travel. This should build off the installation and monitoring of counters that began in 2014 as part of the Non-Motorized Volume Data Program to better understand usage patterns and safety concerns for biking and walking.

Comparison States	
National (Overall)	Southern Region (out of 13)
18. Ohio	2. Florida
19. Georgia	3. Georgia
20. North Carolina	4. North Carolina
21. Arizona	5. Texas
22. Rhode Island	6. Tennessee

Categories	Rank out of 50
Infrastructure & Funding	24
Education & Encouragment	15
Legislation & Enforcement	35
Policies & Programs	19
Evaluation & Planning	9

Bicycle Friendly Actions ✓= Progres	<b>INS</b>	
Complete Streets Law / Policy	<b>~</b>	
Safe Passing Law (3ft+)	<b>~</b>	
Statewide bike plan last 10 years	<b>~</b>	
2% or more fed funds on bike/ped		
Bicycle Safety Emphasis Area	<b>~</b>	

Federal Data on Biking		Rank
Ridership	<b>0.2% of commuters</b> biking to work <sup>i</sup>	44/50
Safety	<b>21.5 fatalities</b> per 10k bike commuters <sup>ii</sup>	<b>45</b> /50
Spending	\$1.81 per capita FHWA spending on biking and walking	<b>37</b> /50

<sup>&</sup>lt;sup>1</sup> This figure is based upon the Census Bureau's American Community Survey (ACS) 5-year estimate.

<sup>&</sup>quot;This figure is based upon fatalities reported over a five-year period according to the National Highway Administration (NHTSA)'s Fatality Analysis Reporting System and the 2015 5-year ACS estimate of the number of

iii FHWA spending is based upon projects coded using any of three project types associated with bicycling and walking projects through the Federal Highway Administration (FHWA)'s Fiscal Management Information System. To calculate per capita spending we used a five-year average for fiscal years 2011-2016 and the 2015 5-year ACS state population



# **North Carolina** Report Card: Detailed Category Scores

The Category Scores below are aggregated from smaller sub-categories—each of which is sorted in descending order, from the topic with the highest possible points available to least.

Infrastructure & Funding Ranked 24th of 50 States	
Design and Existence of Infrastructure Has the state made it easy to build bicycle infrastructure and installed a variety of infrastructure on state facilities?	<b>23</b> /38 pts
<b>State Transportation Funding</b> Does the state report that funding is allocated to bicycling?	<b>18</b> /28 pts
<b>Use of Federal Transportation Funding</b> Does the state take advantage of available federal funding for biking and walking?	<b>6</b> /16 pts
Planned and Recently Built Bicycle & Pedestrian Facilities How many lane miles of bicycle and pedestrian facilities has the state reportedly planned to build and built?	<b>10</b> /10 pts
State Transportation Funding Restrictions  Does the state have any policies that limit the ability to fund bicycling and walking infrastructure?	<b>0</b> /8 pts
Total of Possible 100 Points:	<b>57</b> /100 pts

Policies & Programs Ranked 19 <sup>th</sup> of 50 States	
Complete Streets  Does the state have a complete streets policy and processes to support its implementation?	<b>32</b> /56 pts
Design and Access Policies  Does the state have policies in place to ensure good design and access for people who bike and walk?	<b>14</b> /25 pts
State of Practice Development Does the state support trainings on bicycle and pedestrian infrastructure and complete streets implementation?	<b>13</b> /13 pts
Sustainable Transportation Policies  Does the state work incorporate multi-disciplinary considerations in the development and implementation of transportation projects?	<b>4</b> /6 pts
Total of Possible 100 Points:	<b>63</b> /100 pts

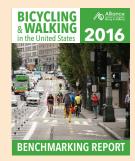
Education & Encouragement Ranked 15 <sup>th</sup> of 50 States	
State DOT Education & Encouragement Support  Does the state DOT support bicycling and walking events and education materials?	<b>35</b> /35 pts
<b>Mode Share</b> Do many people bike to work and is that number increasing relative to other modes?	<b>2</b> /30 pts
Driver Education Requirements  Does the state require drivers to answer questions about bicyclist safety as part of the driver's licensing test?	<b>10</b> /20 pts
Advocacy Does the state have a bicycle advocacy group that is a member of the League of American Bicyclists or was identified by the state?	<b>15</b> /15 pts
Total of Possible 100 Points:	<b>62</b> /100 pts

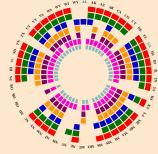
Evaluation & Planning Ranked 9 <sup>th</sup> of 50 States	
State DOT Bicycle & Pedestrian Plans  Does the state have a bicycle and/or pedestrian plan and does that plan follow best practices?	<b>45</b> /48 pts
Bicycle and Pedestrian Safety Has the state made bicyclist and pedestrian safety an emphasis and what does data say about safety?	<b>25</b> /34 pts
Understanding People who Bike and Walk  Does the state have programs in place to collect data on people who walk and bike?	<b>8</b> /10 pts
Formal User Group Engagement  Does the state have an official Bicycle and/or Pedestrian  Advisory Committee and does it follow best practices?	<b>0</b> /8 pts
Total of Possible 100 Points:	<b>78</b> /100 pts

### **Legislation & Enforcement** Ranked 35th of 50 States Laws that regulate driver behavior and methods of enforcement Does the state have strong comprehensive distracted driving **23**/37 pts laws and allow photo enforcement? Laws that restrict the behavior of people who bike and walk **16**/28 pts How does the state unnecessarily restrict the behavior of people who bike and walk? (low points = more restrictions) Laws that create protections for people who bike and walk Does the state have laws that provide specific protections for **14**/25 pts people who bike and walk? Laws that influence the built environment **2**/10 pts Does the state allow speed limits of 20 mph or less? Total of Possible 100 Points: 55/100 pts

## Dig into the data: Robust interactive report + Downloads

The Bicycle Friendly State survey used to create this ranking is also the basis for a biennial report. Explore tons of bicycling, walking, & health data on states and cities at **bikingandwalkingbenchmarks.org**.









# **NORTH CAROLINA**



# STATE RANKING OVERALL (OUT OF 50)

### **TOTAL COUNTS**

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BICYCLE FRIENDLY BUSINESSES 22
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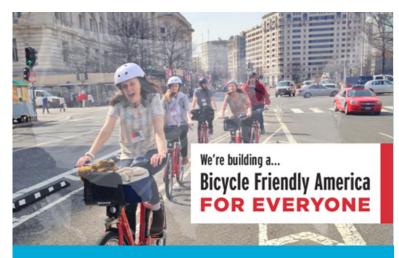
STATE ADVOCACY GROUP: BIKEWALK NORTH CAROLINA

### **SMART CYCLING RESOURCES**



Bike Safety Education is a key component to keeping roadways safe for all users. Having League Cycling Instructors (LCIs) in your state creates more opportunities for bike safety education to be shared. LCIs are certified by the League through an intense 3-day seminar focused on how to effectively deliver the Smart Cycling curriculum. To host a LCI seminar in your state, contact education@bikeleague.org.

Visit **bikeleague.org/ridesmart** to access Smart Cycling videos, Smart Cycling Quick Guides (available in English & Spanish), and Smart Cycling manuals.



### **ABOUT THE LEAGUE & MEMBERSHIP**

Support the League by becoming a member today and add your voice to the bicycling movement! Over 75% of our funding comes from individuals. Members support our timetested programs like Bicycle Friendly America, Smart Cycling and Federal Advocacy. As a member, you'll enjoy valuable perks like Bicycling Magazine, discounts at dozens of national bike retailers and manufacturers, and exclusive pricing to the National Bike Summit. Together, let's advance bicycling on Capitol Hill and in your community!

### **WE BELIEVE**

Bicycling brings people together. When more people ride bikes:

- » Life is better for everyone;
- » Communities are safer, stronger and better connected;
- » Our nation is healthier, economically stronger, environmentally cleaner and more energy independent.

#### OHR VISION

is a nation where everyone recognizes and enjoys the many benefits and opportunities of bicycling.

### **OUR MISSION**

is to lead the movement to create a Bicycle Friendly America for everyone. As leaders, our commitment is to listen and learn, define standards and share best practices to engage diverse communities and build a powerful, unified voice for change.

>> ADD YOUR MOMENTUM AT BIKELEAGUE.ORG/JOIN