



# BICYCLE FRIENDLY STATE REPORT CARD

## MISSOURI

RANKED

### 35

OF 50

STATE ADVOCACY GROUP:  
**MISSOURI BICYCLE AND  
PEDESTRIAN FEDERATION**

## Successes & Suggestions

The Bicycle Friendly State report card is based on over 100 data points for each state and input from state agencies and advocates. Based on the information we obtained for Missouri, the League of American Bicyclists believes the following actions will improve the safety, comfort, and accessibility of bicycling in Missouri.

Provide funding for a statewide Bicycle and Pedestrian plan that includes engagement and assistance with urban and rural transportation planning agencies to facilitate regional Bicycle and Pedestrian plans that complement the statewide plan.

As part of adopting a new statewide bicycle and pedestrian plan, the Missouri Department of Transportation should strongly consider making GIS-based Level of Traffic Stress analysis, to determine where gaps exist in current biking and walking networks, a recommended strategy for setting priorities at the local and district levels.

Missouri should update its Engineering Design Standards to include protected bike lanes. In 2017, a majority of states reported that they have such standards.

Missouri should adopt at least two laws that are commonly found in other states in order to combat distracted driving. Missouri should adopt a primary enforcement texting ban for all drivers. Missouri should also adopt a state law that requires the use of a hands-free device for cell phone use while driving to combat distracted driving and increase safety for everyone. Requiring the use of a hands-free device makes enforcement of texting laws easier by providing clearer evidence for enforcement.

Update the state rumble strip policy to ensure compliance with the November 2011 Federal Highway Administration guidance. Important aspects of an updated policy include providing intermittent breaks and sufficient space to the outside of rumble strips for safe bicycling.

Provide specific training to engineers and planners on how to plan, design, and implement bicycle and pedestrian infrastructure, including protected bike lanes, safe rural bicycling routes, and other facilities that have become more widespread in recent years.

The FHWA's Accelerating Multimodal Project Delivery Guidebook provides ideas for streamlining project delivery and delivering bicycle and pedestrian projects at scale. Consider how the state DOT can use these ideas to improve project delivery.

Missouri has set a safety target [[https://safety.fhwa.dot.gov/hsip/spm/state\\_safety\\_targets/](https://safety.fhwa.dot.gov/hsip/spm/state_safety_targets/)] that anticipates an increase in the number of non-motorized fatalities and serious injuries. While this target may reflect current trends, it is also a statement of goals and Missouri should set goals that reflect a commitment to improving road safety and reaching zero deaths and serious injuries.

Adopt a safe passing law with a minimum distance of 3 feet to address bicyclist safety. The League has a white paper that provides examples of how other states have adopted and implemented this type of law: [https://bikeleague.org/sites/default/files/BFS\\_WP-Safe\\_Passing\\_Law-07\\_2018.pdf](https://bikeleague.org/sites/default/files/BFS_WP-Safe_Passing_Law-07_2018.pdf)

The Missouri Bicycle and Pedestrian Federation, the Missouri Department of Health and Senior Services, and others organized a statewide Active Transportation Summit in 2019. The Missouri DOT should participate in and sponsor this type of conference that can bring people from throughout the state together for professional development, engagement, and networking.

	Infrastructure & Funding	<b>B-</b>
	Education & Encouragement	<b>C-</b>
	Legislation & Enforcement	<b>D+</b>
	Policies & Programs	<b>D+</b>
	Evaluation & Planning	<b>D</b>

Get the full breakdown of each category and grade average on the next page.

Bicycle Friendly Actions <a href="https://bikeleague.org/bicycle-friendly-actions">bikeleague.org/bicycle-friendly-actions</a>	Action Taken?
Complete Streets Law / Policy	✓
Safe Passing Law (3ft+)	
Statewide bike plan last 10 years	
2% or more federal funds on bike/ped	✓
Bicycle Safety Emphasis Area	✓


Federal Data on Biking		Rank
Ridership	<b>0.2% of commuters</b> biking to work	<b>42/50</b>
Safety	<b>11.3 fatalities</b> per 10K bike commuters <sup>ii</sup>	<b>23/50</b>
Spending	<b>\$3.40 per capita</b> FHWA spending on biking and walking <sup>iii</sup>	<b>13/50</b>


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


<sup>ii</sup> 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 bicycle commuters.


<sup>iii</sup> 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 estimate.


# Category Breakdown: MISSOURI

 <b>Infrastructure &amp; Funding</b> Ranked 16 of 50 States B-	
<b>DESIGN AND EXISTENCE OF INFRASTRUCTURE</b> Has the state made it easy to build bicycle infrastructure and installed a variety of infrastructure on state facilities?	<b>B-</b>
<b>STATE TRANSPORTATION FUNDING</b> Does the state allocate funding to bicycling or limit state funding for bicycling?	<b>C+</b>
<b>USE OF FEDERAL TRANSPORTATION FUNDING</b> Does the state take advantage of available federal funding for biking and walking?	<b>C</b>
<b>PLANNED AND RECENTLY BUILT BICYCLE &amp; PEDESTRIAN FACILITIES</b> How many lane miles of bicycle and pedestrian facilities has the state reportedly planned to build and built?	<b>F</b>

 <b>Policies &amp; Programs</b> Ranked 36 of 50 States D+	
<b>COMPLETE STREETS</b> Does the state have a complete streets policy and processes to support its implementation?	<b>D+</b>
<b>DESIGN AND ACCESS POLICIES</b> Does the state have policies in place to ensure good design and access for people who bike and walk?	<b>C-</b>
<b>STATE OF PRACTICE DEVELOPMENT</b> Does the state support trainings on bicycle and pedestrian infrastructure and complete streets implementation?	<b>F</b>
<b>SUSTAINABLE TRANSPORTATION POLICIES</b> Does the state work incorporate multi-disciplinary considerations in the development and implementation of transportation projects?	<b>D+</b>

 <b>Education &amp; Encouragement</b> Ranked 44 of 50 States C-	
<b>STATE DOT EDUCATION &amp; ENCOURAGEMENT SUPPORT</b> Does the state DOT support bicycling and walking events and education materials?	<b>C</b>
<b>MODE SHARE &amp; ADVOCACY</b> Do people bike to work and are they organized to advocate for improvements?	<b>D</b>

 <b>Evaluation &amp; Planning</b> Ranked 49 of 50 States D	
<b>STATE DOT BICYCLE &amp; PEDESTRIAN PLANS</b> Does the state have a bicycle and/or pedestrian plan and does that plan follow best practices?	<b>F</b>
<b>BICYCLE AND PEDESTRIAN SAFETY</b> Has the state made bicyclist and pedestrian safety an emphasis and what does data say about safety?	<b>C</b>
<b>UNDERSTANDING PEOPLE WHO BIKE AND WALK</b> Does the state have programs in place to collect data on people who walk and bike?	<b>F</b>
<b>FORMAL USER GROUP ENGAGEMENT</b> Does the state have an official Bicycle and/or Pedestrian Advisory Committee and does it follow best practices?	<b>F</b>

 <b>Legislation &amp; Enforcement</b> Ranked 46 of 50 States D+	
<b>LAWS THAT REGULATE DRIVER BEHAVIOR AND METHODS OF ENFORCEMENT</b> Does the state have strong comprehensive distracted driving laws and allow photo enforcement?	<b>D-</b>
<b>LAWS THAT RESTRICT THE BEHAVIOR OF PEOPLE WHO BIKE AND WALK</b> How does the state unnecessarily restrict the behavior of people who bike and walk?	<b>B-</b>
<b>LAWS THAT CREATE PROTECTIONS FOR PEOPLE WHO BIKE AND WALK</b> Does the state have laws that provide specific protections for people who bike and walk?	<b>F</b>

SEE THE BICYCLE FRIENDLY STATE DATABASE MAP:  
[BIKELEAGUE.ORG/BFA/AWARDS](http://BIKELEAGUE.ORG/BFA/AWARDS)

The Bicycle Friendly State ranking is based on a comprehensive survey completed by state departments of transportation and state bicycling advocates. For more information, visit [bikeleague.org/states](http://bikeleague.org/states) or contact Ken McLeod at (202)-822-1333 or [ken@bikeleague.org](mailto:ken@bikeleague.org).



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TOGETHER!**

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