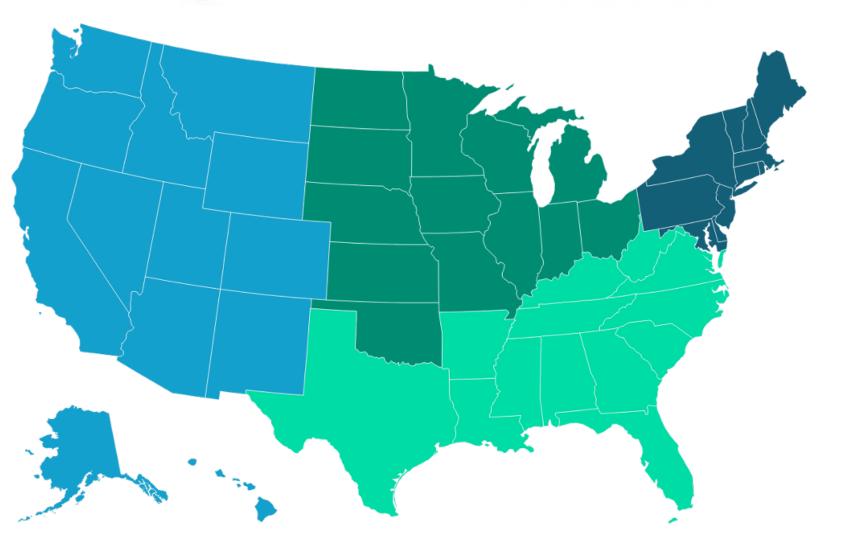


# Life is better by bike

Building a Bicycle Friendly America for Everyone









### 2024 Bicycle Friendly State Ranking Preview

Tuesday, October 29th @ 3:00 PM ET

**BIKELEAGUE.ORG/WEBINARS** 



## Bicycle Friendly State History

Since 2008

Every-other-year since 2015

Historical rankings <u>available</u>



Feedback on Delaware's application to be designated a Bicycle Friendly State

The Bicycle Friendly State review committee was impressed with the potential and growing commitment to make Delaware a great place for bicyclists. The Honorable Mention given by the reviewers reflects their view that some of the key building blocks of creating a bicycle friendly state are in place but that some measures remain to be done. Reviewers were impressed with recent passage of Complete Streets legislation; encouragement efforts from the first state bike summit to the Wilmington Gran Prix and non-motorized transportation staff in each MPO.

The BFS review team expects great things in the future given the good statewide support and the coming improvements to the infrastructure and programs. Reviewers provided the following suggestions to further promote bicycling. Highlighted items are hyperlinked examples. Contact League staff for additional documentation and best practices.

### Legislation:

- Consider instituting a Bike Caucus in your state legislature. The national <u>Congressional Bike Caucus</u> has been instrumental in building support for bicycle friendly legislation and funding, and is a good example.
- Cyclists along with pedestrians, equestrians and motorcycle riders are more vulnerable to serious injury or death than are drivers and passengers of automobiles. Delaware should work to pass legislation that further protects these road users and increase the fines and sentences for drivers who violate their rights to the road.
- Delaware should pass <u>Trip Reduction Ordinance</u> legislation in an effort to reduce Vehicle Miles Traveled and Single Occupancy Vehicles. Such an ordinance should include language promoting bicycling and other forms of active transportation.



### Criteria

- Peak of 80+ questions and 300+ potential options in 2015
- Current = 36 questions
  - ~100 potential answer options

## Bicycle Friendly State Survey

Survey\_to state DOT bike/ped
coordinators, conducted every other
year



Goal: Understand what states are doing and encourage states to improve bicycling conditions

## Bicycle Friendly State Survey

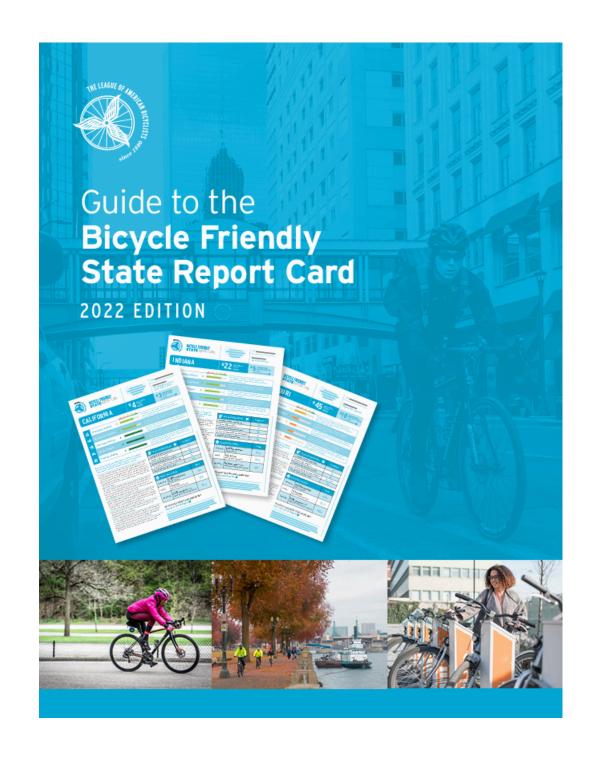
Categories & Points



- Funding 6 questions worth 40 points or 16% of all available points
- Infrastructure 6 questions worth 40 points or 16% of all available points
- Safety 4 questions worth 40 points or 16% of all available points
- Planning 6 questions worth 35 points or 14% of all available points
- Laws 4 questions worth 35 points or 14% of all available points
- #EveryRideCounts 5 questions worth 35 points or 14% of all available points
- Capacity & Support 5 questions worth 25 points or 10% of all available points

### Bicycle Friendly State Guide

What is on the report card?



Goal: Answer questions and provide guidance on using the report card

Key Outcome Data on each report card

Federal Data on Biking		Rank
Ridership	0.9% of commuters biking to work	<b>5</b> /50
Safety	3.6 fatalities per 10K bike commuters	<b>9</b> /50
Spending	\$4.04 per capita FHWA spending on biking and walking	14/50

Since 2017 we have reported these three key data points on each state's report card

Ridership - Percent of workers who use a bicycle as their primary mode of transportation to work

Figure 2.1.3 - Changes in Biking and Walking to Work

There were large negative changes in the proportion of people commuting to work by walking and bicycling between 2019 and 2023. For the selected time periods, only New Jersey saw the percentage of people both biking and walking to work increase.

State	Commuters Who Bike	Percentage Change in Rate of Bicycling to Work (2019- 2023)	Commuters Who Walk	Percentage Change in Rate of Walking to Work (2019- 2023)
Alabama	0.1%	11%	1.3%	16%
Alaska	0.5%	-46%	7.2%	-5%
Arizona	0.6%	-34%	1.7%	-13%
Arkansas	0.2%	2%	1.6%	-12%
California	0.8%	-21%	2.5%	-3%
Colorado	0.8%	-26%	2.4%	-14%
Connecticut	0.2%	-31%	2.2%	-17%
Delaware	0.3%	-17%	2.1%	-2%
District of Columbia	3.5%	-23%	11.3%	-16%
Florida	0.5%	-18%	1.5%	5%
Georgia	0.2%	-12%	1.4%	-7%
Hawaii	0.9%	11%	3.9%	-14%
Idaho	0.8%	-7%	2.8%	3%
Illinois	0.6%	-7%	2.9%	-1%
Indiana	0.3%	-20%	1.8%	-14%
Iowa	0.4%	-16%	2.8%	-14%
Kansas	0.2%	-39%	2.5%	8
Kentucky	0.2%	10%	1.9%	-14%
Louisiana	0.4%	-31%	1.9%	1%
Maine	0.3%	-14%	3.3%	-14%
Maryland	0.3%	-10%	2.2%	-5%
Massachusetts	1.1%	27%	4.2%	-14%
Michigan	0.4%	-15%	2.0%	-9%
Minnesota	0.5%	-37%	2.6%	-3%
Mississippi	0.1%	7%	1.5%	14%
Missouri	0.3%	23%	1.8%	-6%
Montana	0.8%	-36%	4.2%	-18%
Nebraska	0.4%	6%	2.3%	-12%
Nevada	0.3%	-1%	1.6%	-12%
New Hampshire	0.2%	-6%	2.6%	-4%

Additional 22 rows not shown

2019 data is a 5-year estimate meaning it represents data collected for the 5 years of 2015-2019. 2023 data is a 1-year estimate only representing data collected in 2023. By omitting 2020-2022 data, this comparison excludes data from the height of the Covid pandemic. People can only report one mode as their primary mode of travel to work, so this data does not reflect occasional biking or walking commutes.

Table: The League of American Bicyclists • Source: Census Bureau American Community Survey • Created with

### <u>Data</u> is from the Census Bureau's American Community Survey

Safety - <u>Bicyclist fatalities per 10,000</u> <u>bicycle commuters</u>

- Only 20 states have 10,000+
   bicycle commuters
- All have >1000, but 8 have <2000</li>

### Figure 2.4.8 - Bicyclist Fatalities per Bicyclist Commuters by State Over Time

On average, the rate of bicyclist fatalities per bicyclist commuters in the United States increased roughly 48% between 2013 and 2022. Only seven states saw a decrease in this bicyclist fatality rate over this time period. This type of metric is a proxy for volume-based risk metrics commonly used by traffic safety agencies and is used because no volume estimates exist for biking in the United States.

State	2013-2017 Average per 10,000 Bike Commuters	2018-2022 Average per 10,000 Bike Commuters	Difference	Percentage Change
Alabama	31.9	51.0	19.1	0.6%
Alaska	3.6	6.5	3.0	0
Arizona	11.0	18.5	7.5	0.7%
Arkansas	19.5	28.3	8.8	0.5%
California	7.6	11.2	3.5	0.5%
Colorado	4.0	5.7	1.7	0.4%
Connecticut	7.2	8.4	1.2	0.2%
Delaware	18.6	34.4	15.8	0
District of Columbia	0.7	1.8	1.1	1.4%
Florida	23.4	36.7	13.3	0.6%
Georgia	21.3	29.7	8.4	0.4%
Hawaii	4.1	7.5	3.4	0
Idaho	3.6	4.8	1.2	0.3%
Illinois	6.7	8.0	1.3	0.2%
Indiana	10.3	15.7	5.4	0.5%
Iowa	6.2	15.0	8.8	1.4%
Kansas	9.9	14.5	4.7	0.5%
Kentucky	14.9	25.9	11.0	0.7%
Louisiana	20.0	44.9	24.9	1.2%

For motor vehicles, traffic safety agencies often adjust fatality data by volumes

 For bicyclists, there is no national reporting of volumes, so we use the only data we have Census Bureau estimates of bicycle commuters

Spending - <u>Federal obligations per</u> <u>capita</u>

### Figure 2.7.2 - Federal Funds per Capita Obligated to Biking and Walking

Per capita federal funds obligated to biking and walking projects in part reflect federal funding formulas that distribute federal funds to states based population, miles of roadway, and other factors. Typically, rural states tend to have higher per capita figures. Nationwide, the average amount of federal funds obligated to biking and walking projects is \$3.75 per person.

STATE	FY2018- 2020 Average	FY2021- 2023 Average	Increase or Decrease	Percentage Change (Between 3- year averages)
Alabama	\$2.84	\$4.44	\$1.60	56%
Alaska	\$7.90	\$15.01	\$7.12	90%
Arizona	\$1.36	\$2.30	\$0.94	69%
Arkansas	\$3.37	\$4.69	\$1.32	39%
California	\$2.04	\$2.95	\$0.91	45%
Colorado	\$1.87	\$3.74	\$1.87	100%
Connecticut	\$3.38	\$1.31	-\$2.07	-61%
Delaware	\$6.19	\$3.87	-\$2.32	-38%
Dist of Columbia	\$7.29	\$1.10	-\$6.19	-85%
Florida	\$4.53	\$6.21	\$1.68	37%
Georgia	\$2.45	\$2.35	-\$0.10	-4%
Hawaii	\$2.05	\$4.97	\$2.92	142%
Idaho	\$2.46	\$2.33	-\$0.13	-5%
Illinois	\$3.04	\$2.03	-\$1.01	-33%
Indiana	\$4.07	\$4.22	\$0.15	4%
lowa	\$3.45	\$7.23	\$3.78	110%
Kansas	\$2.62	\$3.48	\$0.86	33%

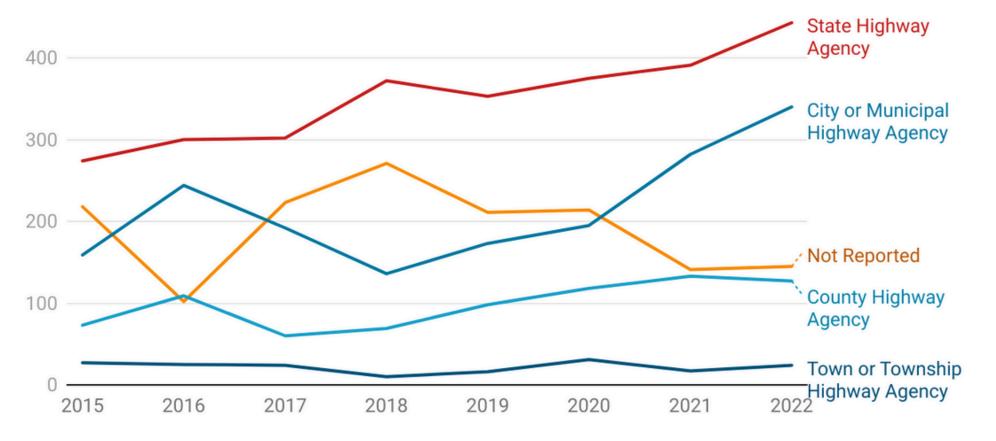
### Data is from <u>publicly reported FHW</u>A obligations

- Percentage covered by 2% Bicycle Friendly Action
- Per Capita reported as key data

States are responsible for the roadways where most bicyclists deaths occur

### **Annual Bicyclist Deaths By Roadway Ownership**

Roads owned by State Highway Agencies accounted for more bicyclist deaths than roads owned by any other type of agency. 2022 saw the most bicyclist deaths on roads owned by State Highway Agencies.



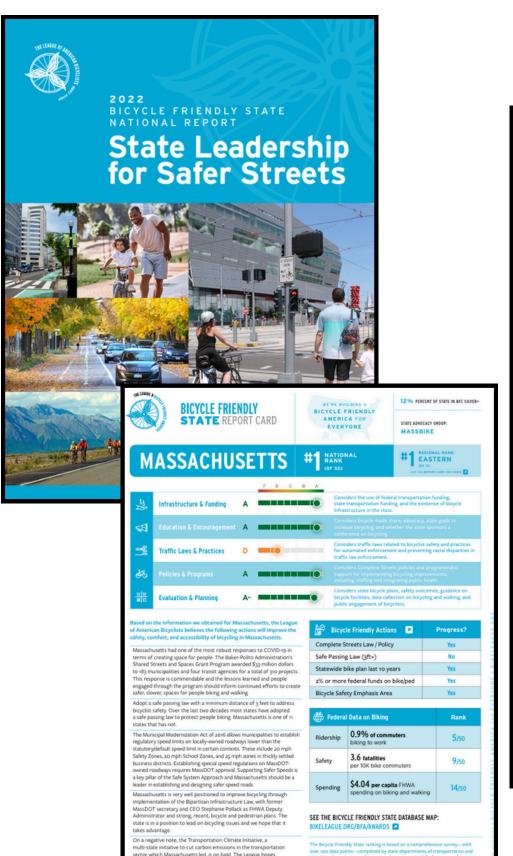
Roadway ownership data is only available since 2015.

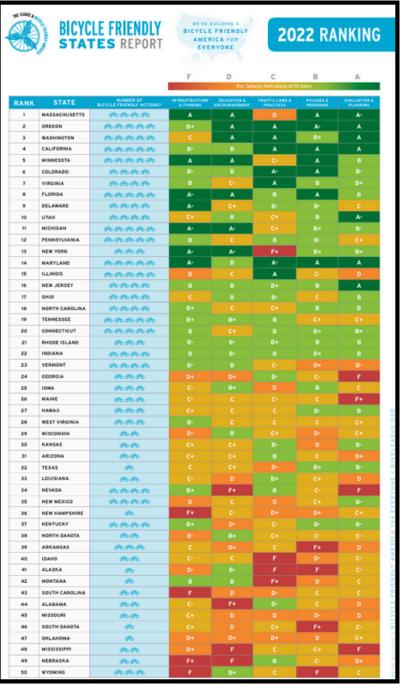
Chart: The League of American Bicyclists • Source: National Highway Traffic Safety Administration • Created with Datawrapper

### See data at data.bikeleague.org

### What to Expect

Ranking Release next Month







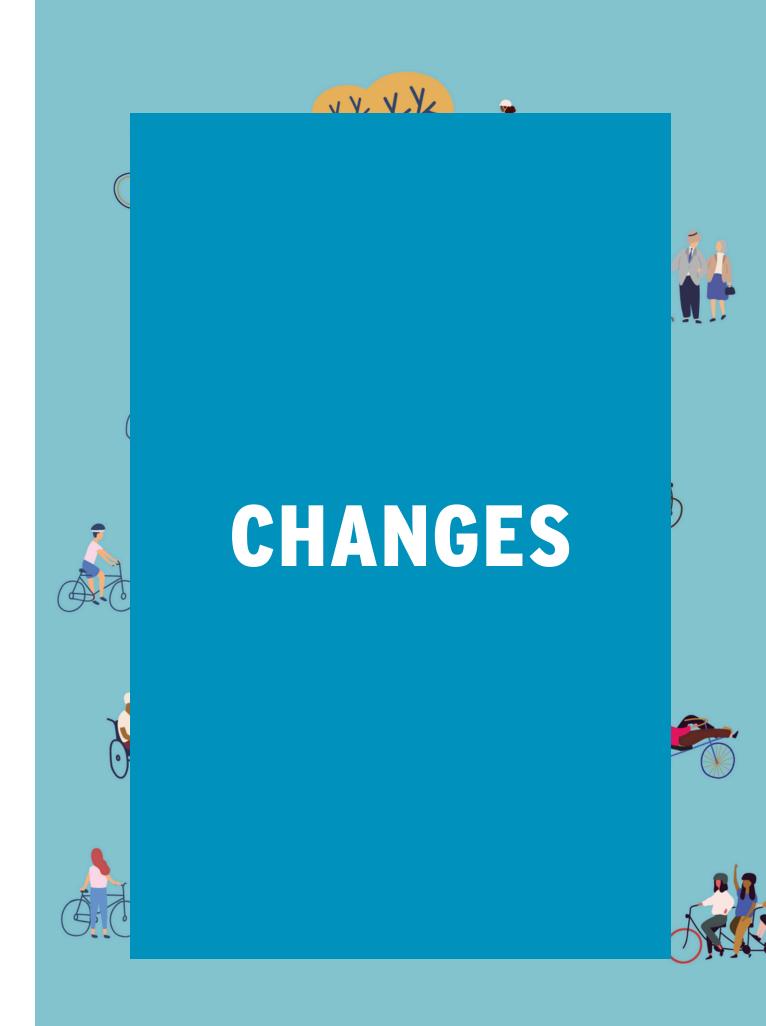
### NEW BICYCLE FRIENDLY ACTION



### CATEGORY REORGANIZATION



#SLOWROADS SAVE LIVES
AND #READYTORIDE
CAMPAIGN INTEGRATION



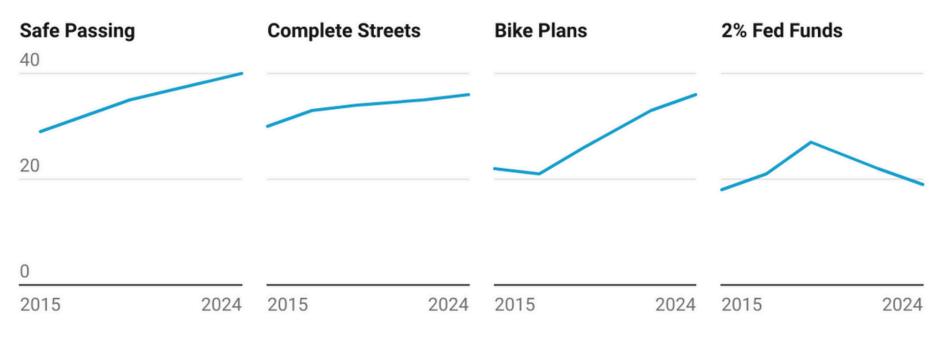


### Bicycle Friendly Actions

Actions EVERY STATE should take

### Number of States Taking Each Bicycle Friendly Action Over Time

Over time more states are taking the League of American Bicyclists' priority Bicycle Friendly Actions. However, spending at least 2% of federal funds on biking and walking has decreased in the last two Bicycle Friendly State rankings.



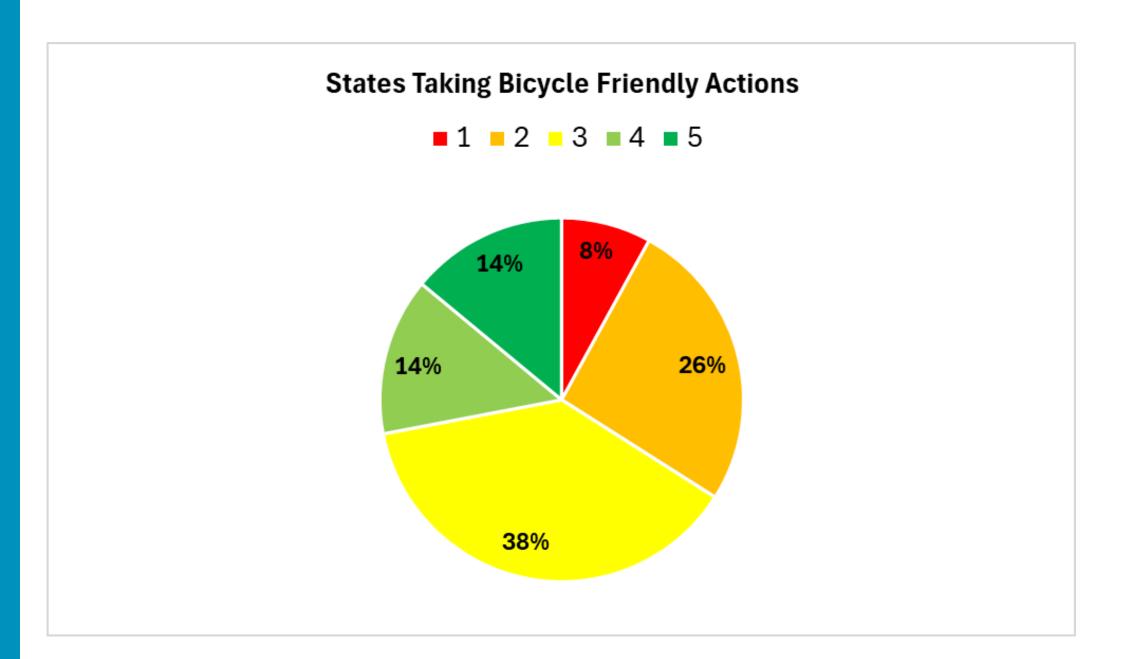
In 2024, State Laws for #SlowRoads - defined as whether state laws provide for 20 mph speed limits in urban and residential areas or clearly provide authority for communities to create 20 mph speed limits - replaced having an emphasis area for bicyclist safety in a state's Strategic Highway Safety Plan as one of our five Bicycle Friendly Actions. In 2022, 36 states had the emphasis area action. In 2024, 19 states were recognized as having state laws for #SlowRoads.

Chart: The League of American Bicyclists • Source: The League of American Bicyclists • Created with Datawrapper

### Goal: Clear guidance on priority actions that EVERY STATE can and should take

### Majority (56%) of states take 3+ Bicycle Friendly Actions

Safe Passing Law is most common



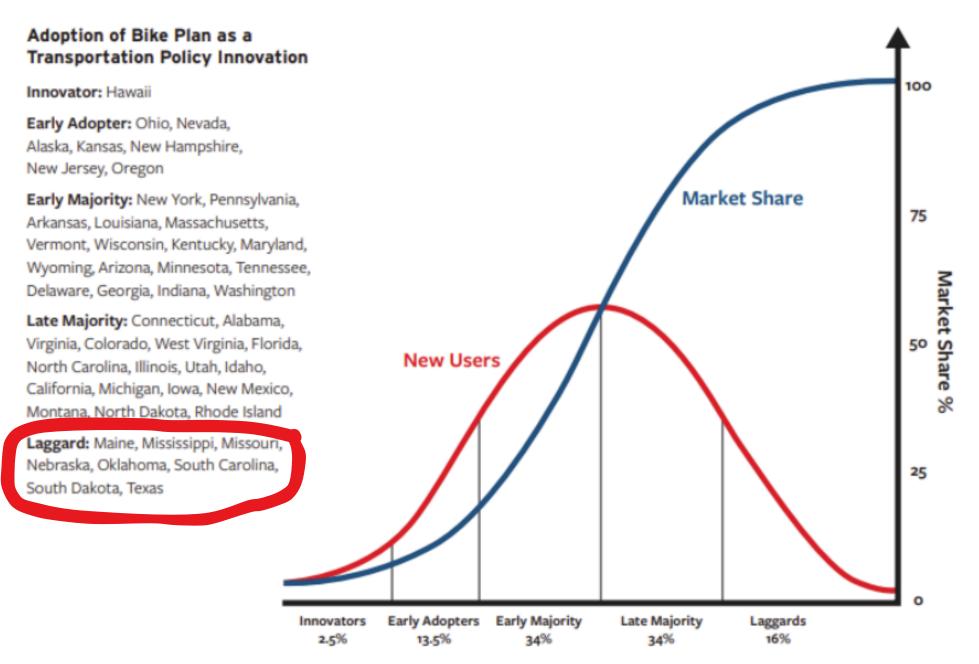
### Three Actions are one-time actions Two actions require ongoing effort

- Bike Plan, every ten years
- 2% Federal Funding, assessed every two years

### Bike Plans

"Setting a goal is not the main thing.

It is deciding how you will go about achieving it and staying with that plan." - Tom Landry



Maine, Oklahoma, South Carolina all adopted Bike Plans since 2022

Texas added significant bike plan components to its Long-Range Transportation Plan





### Old

Bicycle Safety Emphasis Area in the Strategic Highway Safety Plan

### Removed due to:

- New federal requirement to consider all users in SHSP
- Required Vulnerable Road User Safety Assessments
- Vulnerable Road User Special Rule requiring use of federal Highway Safety Improvement Program funds in certain states

### NEW

STATE LAWS FOR #SLOWROADS

CRITERIA, AT LEAST ONE OF:

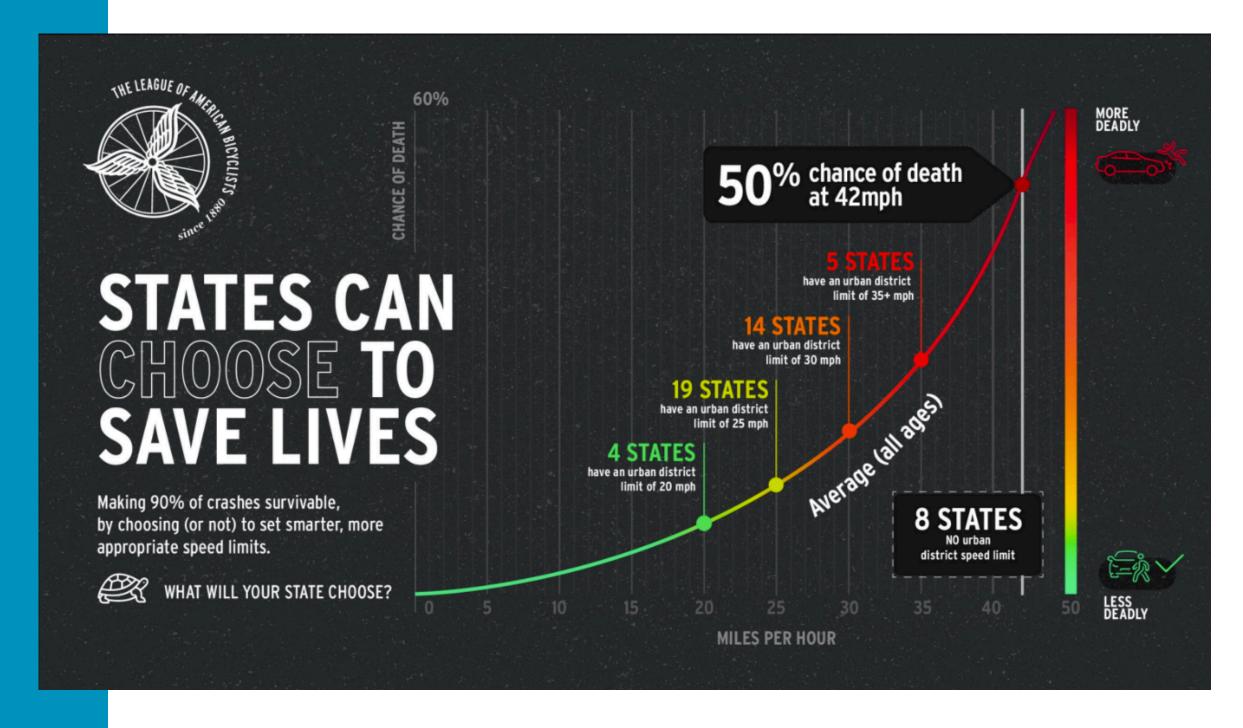
- DEFAULT SPEED LIMIT FOR URBAN DISTRICTS 20 MPH
- DEFAULT SPEED LIMIT FOR
   RESIDENTIAL DISTRICTS 20 MPH
- CLEAR LOCAL AUTHORITY FOR 20 MPH IN URBAN/RESIDENTIAL DISTRICTS





### State Laws for #SlowRoads

#SlowRoads Save Lives



Legislative action
Based on law, not real-world prevalence







### Old

Infrastructure & Funding Education & Encouragement Legislation & Enforcement Policies & Programs Evaluation & Planning



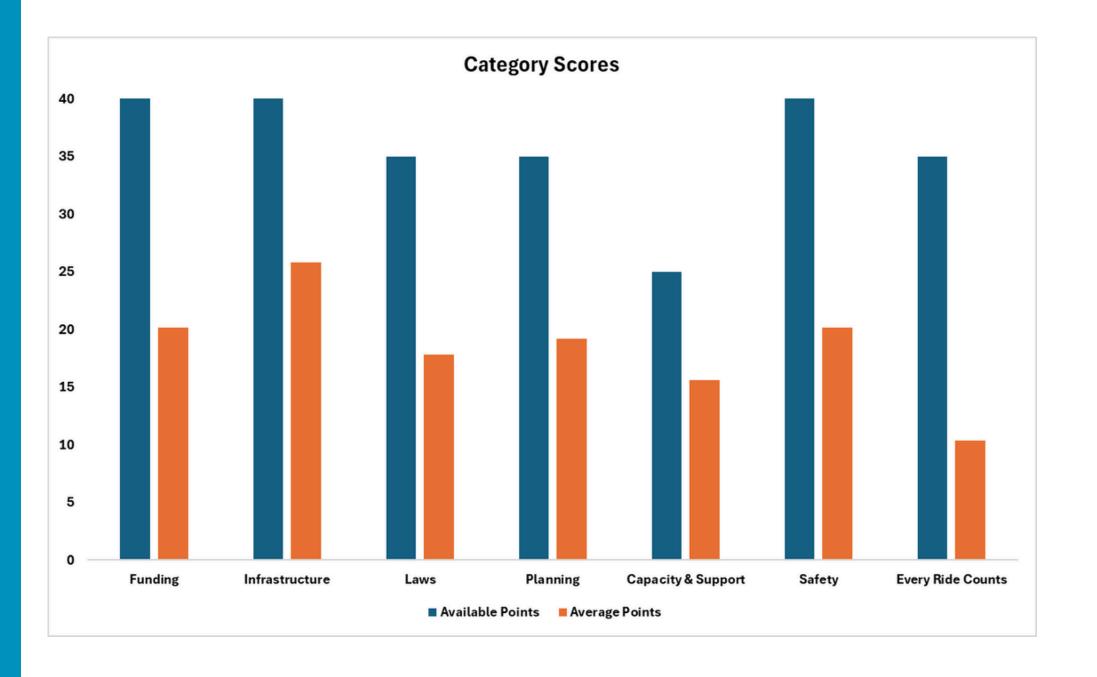
FUNDING
INFRASTRUCTURE
LAWS
PLANNING
SAFETY
CAPACITY & SUPPORT
#EVERYRIDECOUNTS





### Reorganization Goals

Easier to explain More cohesive



Best performing category is Infrastructure Worst performing category is #EveryRideCounts

### Question Highlights

"non-motorized traveler volumes are the most broadly applicable data that would aid in implementing Complete Streets.

Without volume data, agencies cannot measure the efficacy of projects intended to increase pedestrian and bicycle travel"

<u>USDOT Report to Congress</u>

I3. Are	protected or separated bike lanes installed on any state-controlled roadway in your state?			
	Yes, one location			
	Yes, multiple locations			
	No			
	No, but a shared use path within or adjacent to the right-of-way is provided in one location			
	No, but a shared use path within or adjacent to the right-of-way is provided in multiple locations			
	Not sure			
R4 Da	bes your state DOT have a goal for the prevalence of people biking in the state?			
This go	oal may be expressed as a specific number of trips or percentage of mode share, or as a targeted growth in node share, or other data about the prevalence of bicycling.			
	Yes			
	No			
If <u>Yes</u> ,	please describe:			
Text				

Average Score was 33% of available points



Campaign Integration

### #SlowRoads Save Lives #ReadyToRide #EveryRideCounts

### #SlowRoads Save Lives





Big Idea: 20 mph speed limits should be a normal part of transportation networks and by promoting that idea we will meaningfully impact speed management

### #Ready To Ride



### EXPANDING ACCESS TO IN-SCHOOL BIKE EDUCATION

- We believe every child should know the joy of bikes, and see policy as a pathway to equitable access to bicycling education.
- Both state policy and federal advocacy offer potential to scale existing bike education initiatives to schools nationwide.

LET'S PUT MORE BIKE JOY INTO CHILDHOOD. BIKETEVENESOUSCHOINE

Big Idea: Everyone should be educated about safe mobility and that includes in-school on-bicycle education so that ALL children are safe and Ready To Ride

### Every Ride Counts

"non-motorized traveler volumes are the most broadly applicable data that would aid in implementing Complete Streets.

Without volume data, agencies cannot measure the efficacy of projects intended to increase pedestrian and bicycle travel"

• <u>USDOT Report to Congress</u>



Big Idea: Commuter estimates are not enough to understand bicycle travel and we need states to participate in national bicycle volume reporting





### E-Bikes for Everyone: How Cities Are Making E-Bike Ownership a Reality

Tuesday, November 12th @ 3:00 PM ET

**BIKELEAGUE.ORG/WEBINARS** 



### Visit us online at: bikeleague.org

and

data.bikeleague.org

