



**U.S. Department  
of Transportation**



# 2024 TPB Transportation Safety Summit

October 31, 2024

Paul D. Teicher

*Office of the Assistant Secretary for Transportation Policy  
United States Department of Transportation*



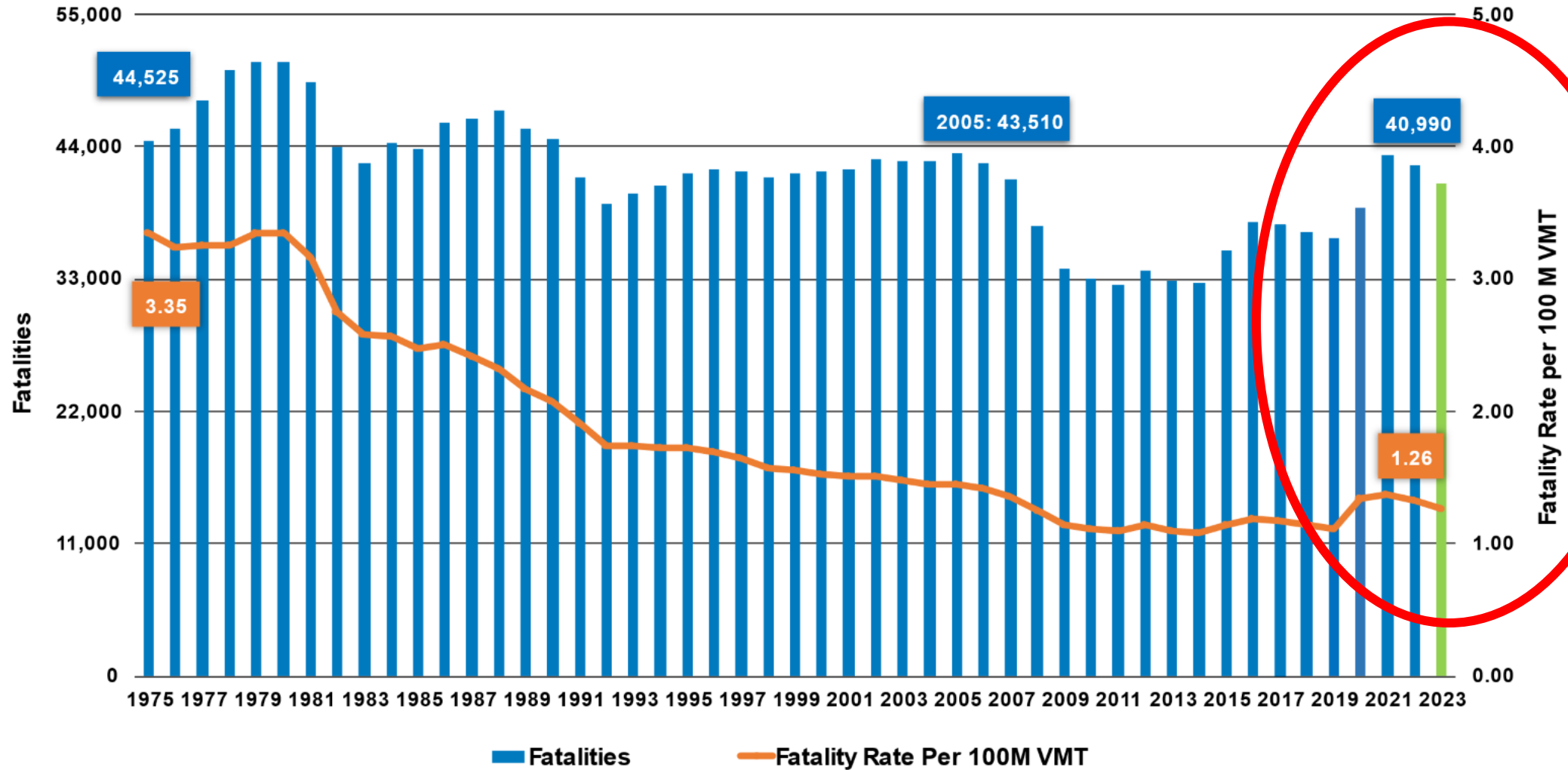
# National Roadway Safety Strategy





# National Roadway Safety Strategy

## Fatalities and Fatality Rates Per 100 Million VMT





"When it comes to roadway deaths, we have a crisis that's urgent, unacceptable - and preventable... We cannot and must not accept that these fatalities are somehow an inevitable part of life in America."

- Secretary Pete Buttigieg

**Zero** is the only acceptable number of deaths on our highways, roads, and streets.



# National Roadway Safety Strategy

## U.S. DOT's comprehensive approach to significantly reducing serious injuries and deaths on our Nation's highways, roads, and streets.

- ❖ **Sets a vision and goal** for the safety of the Nation's roadways.
  - Aspirational goal of zero fatalities; and
  - 2/3 reduction in fatalities by 2040.
- ❖ **Adopts the Safe System Approach** principles to guide our safety actions.
- ❖ **Identifies new priority actions and notable changes to existing practices** and approaches that target our most significant and urgent problems, and are, therefore, expected to have the most substantial impact.
- ❖ **States that we cannot** do it alone and calls stakeholders to action.





# National Roadway Safety Strategy

## The USDOT adopts the **Safe System Approach**

### Principles

- ❖ Deaths and serious injuries are unacceptable
- ❖ Humans make mistakes
- ❖ Humans are vulnerable
- ❖ Responsibility is shared
- ❖ Safety is proactive
- ❖ Redundancy is critical



# NRSS Action Progress

- **47 priority actions** that target our most significant and urgent problems.
- **Action Tracking Dashboard** updated on a quarterly basis.
- **Action Status:**
  - 18 actions (42 percent) of actions were substantially completed by the end of 2023.
  - Most are expected to be closed by the end of the calendar year.



# Visualizing Roadway Safety Nationally



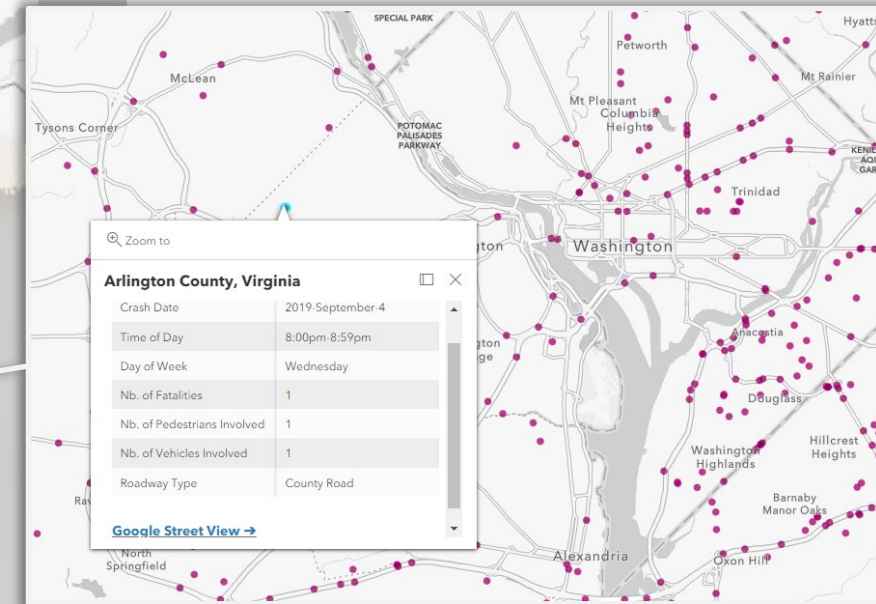
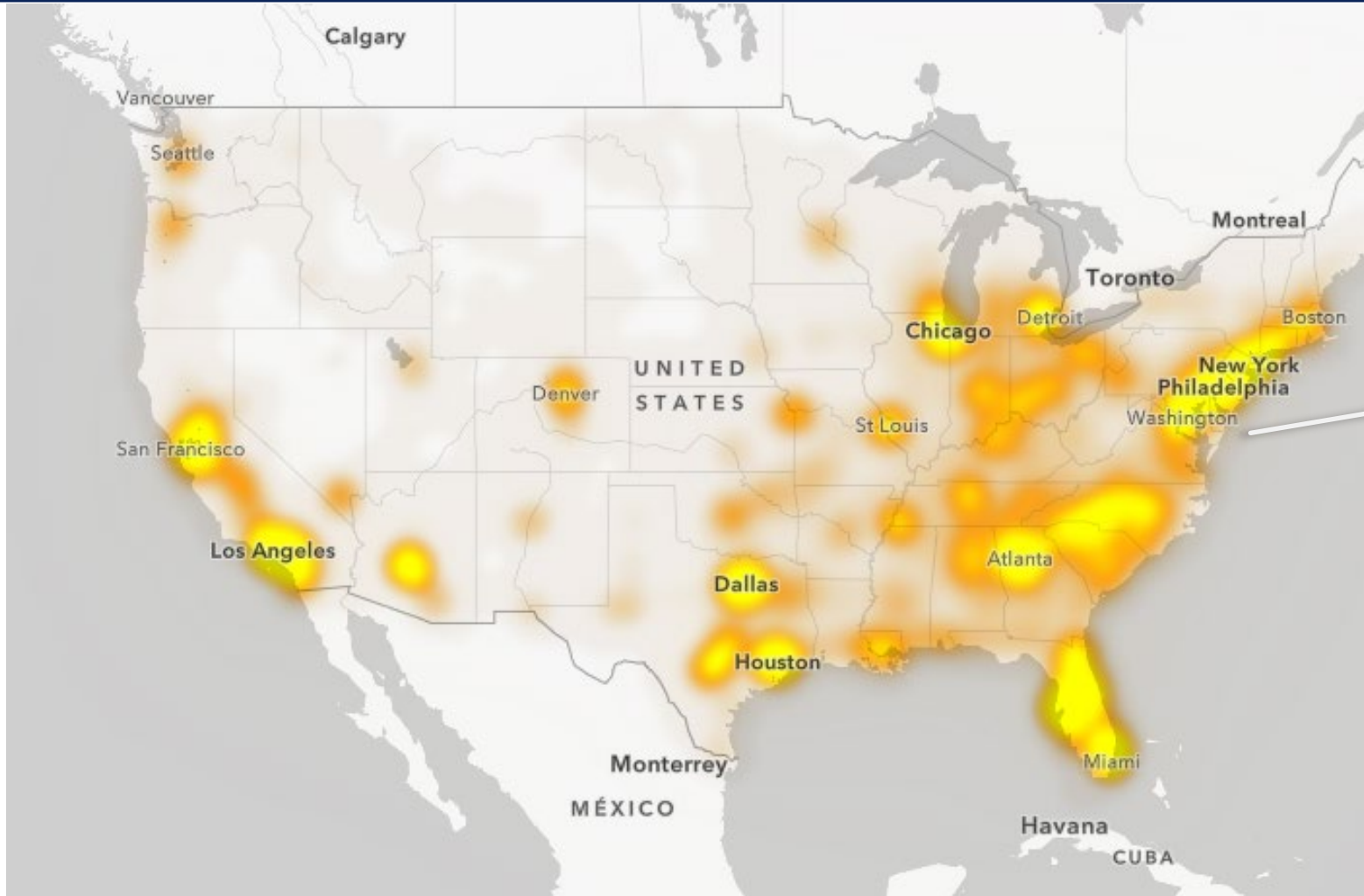
In order to communicate more clearly to the public the magnitude of roadway deaths, **the Department has used available Fatality Analysis Reporting System data to map our highest burdens – as well as our progress – to identify where resources should be targeted to move toward a future with zero deaths**

This set of visualizations illustrates the significant impact of motor vehicle deaths in our communities. Using a national dataset of all fatal motor vehicle crashes, resulting in deaths of a driver, passenger(s), and/or vulnerable road users, we show:

- First, we share a **hotspot**-focused analysis of fatal crashes across the U.S.
- Second, we visualize the distribution of roadway **fatalities compared to the national average** by county.
- Third, we investigate places where people live to understand fatality rates by **population density**.
- Fourth, we use an analysis of **Historically Disadvantaged Communities** to visualize an equity-focused analysis of the unequal distribution of roadway fatalities.
- And finally, we visualize **Vision Zero successes** for municipalities which reported zero roadway fatalities.



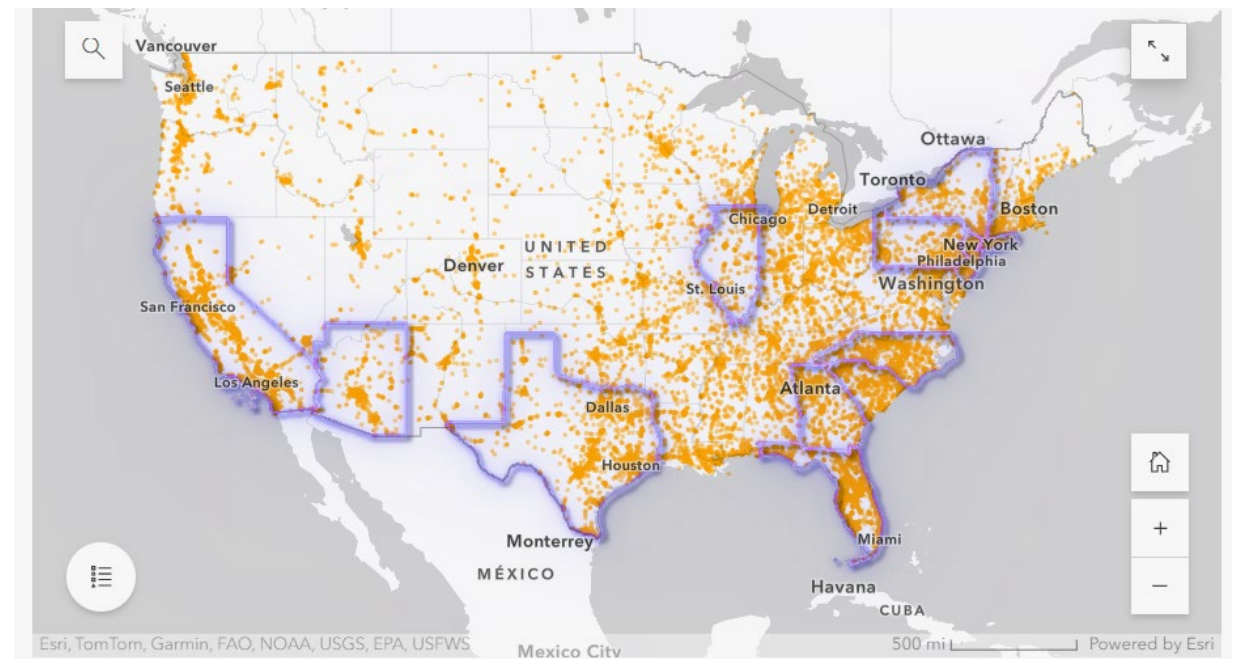
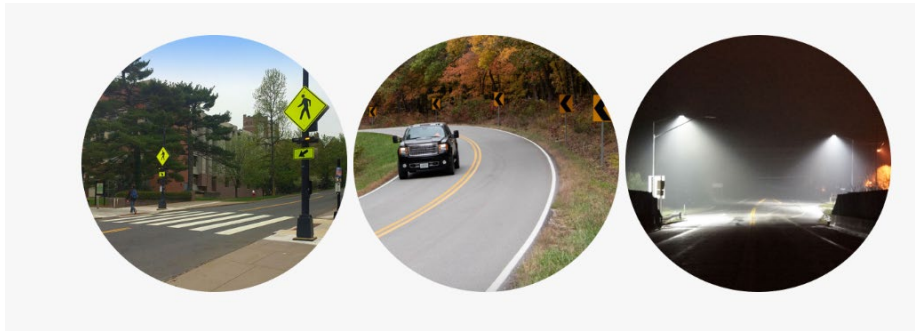
# Visualizing Roadway Safety Nationally: Hotspots



# Communicating on Pedestrian Safety

Pedestrian safety focused storymap:

- Describes the problem generally.
- Focuses in on three common factors:
  - Safer Crossings;
  - Appropriate Driving Speeds; and
  - Improved Visibility.



*Each point represents one fatal crash involving at least one pedestrian between 2017 and 2021. Top 10 states with the highest number of pedestrian fatalities are outlined in purple. Click on a point to get more information on that crash. Source: FARS 2017-2021.*

# Pedestrian Safety Visualization Example

**77%** of pedestrian fatalities occur at night



*Data Source: FARS 2021 | Credit: derived from GHSA*



# Places that Prioritize People Walking, Biking, and Rolling





# National Roadway Safety Strategy Call to Action

**It will take all of us together to solve this crisis.**

*"We're calling on all of America, every level of government, every insurance company, every motor carrier, every auto manufacturer, to embrace and commit to the specific actions..." -*

Secretary Pete Buttigieg

**Over 180 Allies in Action have committed to specific actions to reduce serious and fatal injuries on the Nation's roadways!**



[Allies in Action | US Department of Transportation](#)

# Regional Allies in Action Commitments

Notable Allies in Action commitments from the DMV:

- **District Department of Transportation (DDOT).** DDOT will focus on expanding the placement of ~90 new speed safety cameras along the District's Vision Zero High Injury Network.
- **Washington D.C. Deputy Mayor's Office for Operations and Infrastructure (DMOI).** DMOI is funding 31 "Innovation Grants" in 2024 to try new practices in curbing impaired driving.
- **Maryland State Department of Educations' (MSDE) Office of Pupil Transportation (OPT).** MSDE is providing additional support of the Safe Routes to School program, training for school bus drivers and education on distraction awareness, and promotion of promising practices.
- **Maryland Department of Transportation (MDOT).** MDOT will complete its 2050 Bicycle and Pedestrian Master Plan Update, conduct a statewide Vulnerable Roadway User Safety Assessment, and initiate an update of its 11-year-old Complete Streets Policy.
- **Maryland Department of Transportation, Motor Vehicle Administration, Highway Safety Office (MHSO).** MHSO will increase funding for additional Advanced Roadside Impaired Driving Enforcement Training for law enforcement.
- **Transurban.** Transurban will extend a pilot study in Northern Virginia to understand driver demographics most vulnerable to seat belt non-compliance followed by targeted campaigns to improve compliance.
- **Virginia Department of Transportation (VDOT).** VDOT will update speed limit setting process and procedures, as well as review project design speed setting at locations with vulnerable road users.



# National Roadway Safety Strategy



**Learn more about the  
National Roadway Safety  
Strategy**

[www.transportation.gov/NRSS](http://www.transportation.gov/NRSS)

## Storymap Links:

Roadway Safety: <https://storymaps.arcgis.com/stories/9e0e6b7397734c1387172bbc0001f29b>

Pedestrian Safety: <https://storymaps.arcgis.com/stories/5bc0894a99ea4259aea2d9a2d2c92a65>



# USDOT Resources



U.S. Department  
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# DOT Discretionary Grants Dashboard



[DOT Navigator Home](#)

[Grant Application Resources](#) ▸

[Technical Assistance Resources](#)

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Infrastructure Law](#)

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[ROUTES Home](#)

## Related Links


- [FHWA Tribal Funding Opportunities](#)
- [EV Funding Opportunities](#)
- [National Roadway Safety Strategy](#)
- [J40 Initiative](#)



## DOT Discretionary Grants Dashboard

The DOT Discretionary Grants Dashboard provides communities with an overview of discretionary grant opportunities that can help meet their transportation infrastructure needs. Designed with all communities in mind, the Dashboard identifies grant programs with rural and Tribal set-asides or match waivers available. The Dashboard also includes Federal grant programs outside of DOT that may be of particular interest to rural communities. An updated Rural Grant Applicant Toolkit will soon be published to help rural communities harness the Dashboard. The Dashboard is updated weekly.

[The DOT Navigator](#) is a resource to help communities understand the best ways to apply for grants, and to plan for and deliver transformative infrastructure projects and services.

 [Download CSV](#)

**Keywords**

**Eligible Activities**  **Eligible Applicants**

**Agency/Office**  **Transportation Type**

**Match Waiver**  **Rural Set-Aside**  **Tribal Set-Aside**  **Status**

[Apply](#)




# DOT Navigator

Sign up to get bi-weekly email bulletins about new technical assistance resources, trainings, and funding opportunities across a range of transportation topics.




### Spotlight on Technical Assistance Resources

Check out the featured technical assistance resources below and view a [searchable list of technical assistance resources](#).



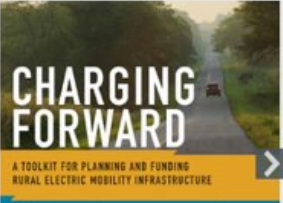
**DOT Discretionary Grants Dashboard: Search Opportunities**

Search grants that can help meet transportation infrastructure needs



**USDOT Project Delivery Center of Excellence**

Explore resources to deliver infrastructure projects—on time, task, and budget



**Toolkit for Planning and Funding Rural EV Infrastructure**

Access the toolkit to help rural communities scope, plan, and fund EV charging...

[SEARCH TECHNICAL ASSISTANCE RESOURCES](#)

## Search Technical Assistance Resources

At DOT, "technical assistance" includes programs, processes, and resources that provide targeted support to a community, region, organization, or other beneficiary to help them access and deploy federal funding and build local capacity to develop, design, and deliver transportation plans and projects.

View and search the table below to find existing technical assistance resources and programs funded or managed by DOT that can provide deeper levels of assistance, technical information, best practices, and training.

Keywords

▼ Advanced options

Stakeholder Type(s)	Resource Type(s)	Transportation Mode(s)
Select All	Select All	Select All
<input type="checkbox"/> Contractor	<input type="checkbox"/> Direct Support	<input type="checkbox"/> Air (airports, aviation, drones)
<input type="checkbox"/> Local Government	<input type="checkbox"/> Fact Sheet	<input type="checkbox"/> Bicycle
<input type="checkbox"/> Other	<input type="checkbox"/> Grant	<input type="checkbox"/> Electric or Autonomous Vehicles
<input type="checkbox"/> Regional/Metro Planning Orgs (MPO)	<input type="checkbox"/> Guidance Document	<input type="checkbox"/> Highway
<input type="checkbox"/> State DOT	<input type="checkbox"/> Report	<input type="checkbox"/> Intelligent Transportation and Data Systems
<input type="checkbox"/> Transit Agency	<input type="checkbox"/> Resource Center	<input type="checkbox"/> Micromobility (bike share, scooters, etc.)
<input type="checkbox"/> Tribal Government	<input type="checkbox"/> Toolkit	<input type="checkbox"/> Pedestrian
<input type="checkbox"/> U.S. Territory	<input type="checkbox"/> Training	<input type="checkbox"/> Ports
	<input type="checkbox"/> Video/Webinar	<input type="checkbox"/> Railway
		<input type="checkbox"/> Transit

[Apply](#)





# Safe Streets and Roads for All (SS4A)



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# Safe Streets and Roads for All

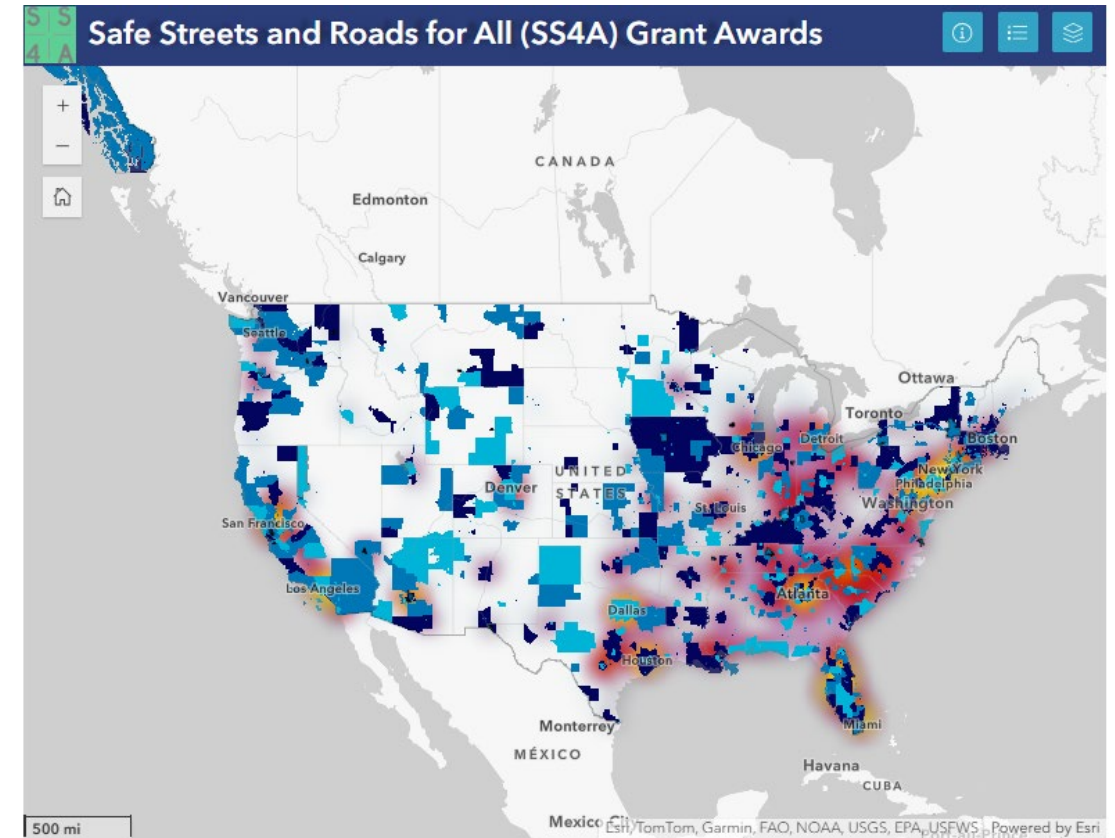
- \$5 billion discretionary grant program, with ~\$1 billion/year over 5 years
- Purpose: prevent deaths and serious injuries on our roadways
- Focus on comprehensive safety action planning, and implementing those plans
- Inclusive of all types of roadway safety interventions across the Safe System Approach





# Safe Streets and Roads for All Awards

- In the first three years of funding, USDOT awarded \$2.7 billion to over 1,400 communities across all 50 states and Puerto Rico.
- Awards made to date will improve roadway safety planning for around 73% of the nation's population.
- Award recipients in all 50 States and Puerto Rico.
- No awards to date for activities within the District of Columbia.
- Over 50% of award recipients are new direct Federal funding recipients to USDOT.



## Eligible Recipients:

- Metropolitan planning organization (MPOs)
- Political subdivision of a State
- Federally recognized Tribal government
- Multijurisdictional groups comprised of the above

## Eligible Activities:

- Develop a Comprehensive Safety Action Plan:
  - Develop or complete an Action Plan;
  - Conduct supplemental planning; and
  - Carry out demonstration activities.
- Planning, design, and development activities for projects and strategies identified in an Action Plan.
- Implement projects and strategies identified in an Action Plan.

# Notable Regional SS4A Awarded Communities

## Regional Grant Award Recipients

- **Prince George's County, Maryland. \$21,253,985** Implementation Grant to modify multiple corridors to improve visibility, slow vehicle speeds, and promote pedestrian and bicyclist safety.
- **City of Mount Rainier, Maryland. \$9,764,000** Implementation Grant for multiple citywide safety improvements to reduce speed limits, provide geometric improvements, install trail-crossings, implement a No Turn on Red prohibition, and reallocate streets space.
- **Maryland-National Capital Park and Planning Commission. \$7,500,000** Implementation Grant to improve trail crossing safety and implement educational safety programs.
- **Fairfax County, Virginia. \$1,600,000** Planning and Demonstration Grant to update the transportation element of their comprehensive plan, develop a countywide Complete Streets Design Guide, and conduct a Slow Streets pilot.



# Planning and Demonstration Activities

## Action Plan

- Develop, update, or complete a Comprehensive Safety Action Plan
- 8 components to an Action Plan

Quick Build Example



Source: Solomon Foundation

## Supplemental Planning

- Topical safety plans
- Road safety audits
- Additional safety analysis and data collection
- Targeted equity assessments
- Follow-up stakeholder engagement

## Demonstration Activities

- Feasibility studies using quick-build strategies
- Pilot programs for behavioral or operational activities
- Pilot programs for new technology
- Manual on Uniform Traffic Control Device (MUTCD) engineering studies





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Questions?