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Webinar Series



NHTSA NATIONAL 911 PROGRAM

March 12, 2024



STATE OF 911 WEBINAR SERIES



VARIETY OF TOPICS

Provides useful information to the 911 community on the advancement of 911.



EXPERIENCE

Brings Federal, State and local leaders to you!



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Held every other month with opportunity for Q&A. Closed captioning is available.



FEEDBACK & QUESTIONS

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NSGIC Addresses for the Nation - Pathways from Restricted Data to Open Data

This white paper describes how three states—Arizona, Kansas and Kentucky—overcame policies in place that restrict data from being shared publicly to become NAD partners.

Jun 7, 2023 / Technical / GIS

/ National 911 Program / Additional Resources



What Is a Safe System Approach?

This webpage explains the principles and objectives of the U.S. Department of Transportation's Safe System Approach.

Jun 7, 2023 / Post-Crash Care

/ National 911 Program / Additional Resources



NATIONAL TELECOMMUNICATOR TREE OF LIFE



[Home](#) [About](#) [Add a Leaf](#) [Contact](#)

Celebrating 911 Telecommunicators

and Honoring the Impact They Make in Our Lives Every Day

349

Number of Telecommunicators Honored



The Tree of Life "grows" with every story told! Share how a 911 telecommunicator made a difference to your community.

[Add a Leaf](#)

Share a Story, Sprout a Leaf

This Tree of Life has been "planted" here with the support of national 911 organizations to recognize remarkable 911 telecommunicators and the difference they make every day in our communities. Each leaf on the tree represents telecommunicators that have been honored by someone in their community. We invite you to click on the leaf to read the story for the telecommunicator or communications center listed.

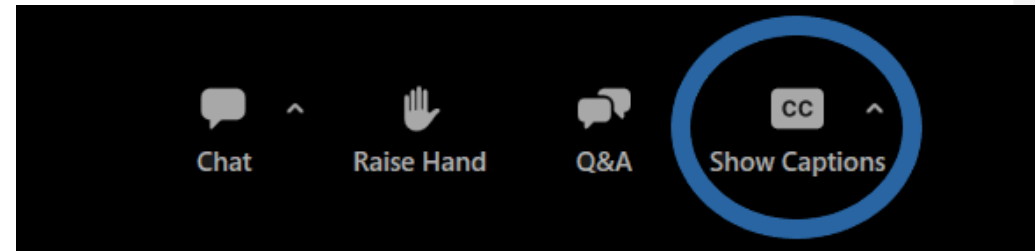
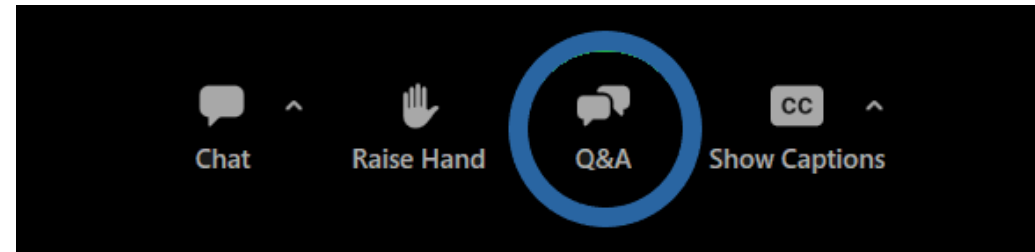
Check back often to submit stories recognizing your telecommunicator colleagues and to view featured stories.



ZOOM FUNCTIONS

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Federal Communications Commission

Public Safety and Homeland Security Bureau



FCC Regulatory Update

State of 911

March 12, 2024

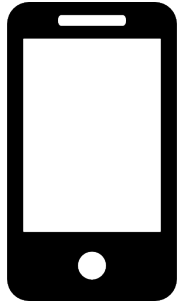
Public Safety and Homeland Security Bureau
Jill Coogan, Attorney Advisor

Outline

- Location-Based Routing
- Supplemental Coverage from Space
- Next Generation 911 Transition
- Annual 911 Fee Report
- 988 Suicide Prevention Lifeline

Location-Based Routing (LBR)

- On January 25, 2024, the Commission adopted a *Report and Order* requiring wireless providers to deploy and use LBR technology to route wireless 911 voice calls and real-time text (RTT) communications to 911 on their IP-based networks.
- Beginning 60 days after the *Report and Order* is published in the Federal Register, CMRS providers must deploy and use LBR in accordance with the Commission's new requirements within the following time periods:
 - Nationwide CMRS Providers: 6 months for voice calls; 24 months for RTT
 - Non-nationwide CMRS providers: 24 months for voice calls and RTT



LBR



Legacy/ Cell-Sector Routing

Link to R&O: <https://www.fcc.gov/document/fcc-adopts-rules-improve-wireless-911-call-routing-0>.

Supplemental Coverage from Space (SCS)

- **Supplemental Coverage from Space (SCS)** is a proposed framework that would authorize partnerships between satellite operators and wireless companies to provide satellite-based connectivity to consumer handsets in areas not covered by terrestrial infrastructure.
- In March 2023, the FCC adopted a *Notice of Proposed Rulemaking (NPRM)* proposing a regulatory framework for SCS.
- At its agenda meeting on March 14, 2024, the Commission will consider a *Report and Order and Further Notice* that would permit such innovative collaborations.



Link to draft SCS R&O and FNRPM: <https://docs.fcc.gov/public/attachments/DOC-400678A1.pdf>

Link to SCS NPRM (adopted March 2023): <https://www.fcc.gov/document/fcc-proposes-framework-facilitate-supplemental-coverage-space-0>

Supplemental Coverage from Space – 911 Issues

- In the March 2023 *SCS NPRM*, the Commission considered how SCS should support access to 911.
- The current draft *Report and Order*, if adopted, would:
 - Require that the terrestrial provider, not the satellite operator, ensure compliance with all 911 requirements.
 - Require terrestrial providers to use one of two options for routing satellite-based 911 voice calls and text messages to PSAPs: location-based routing or emergency call center service.
- The draft *Further Notice* would seek further comment on ways to improve 911 service for SCS connections.



Link to draft SCS R&O and FNRPM: <https://docs.fcc.gov/public/attachments/DOC-400678A1.pdf>

Proposed Transition Rules for NG911

- In June 2023, the Commission adopted a *Notice of Proposed Rulemaking (NPRM)* proposing to advance the transition to Next Generation 911 (NG911).
- The *NPRM* proposes requirements to ensure that wireline, wireless, interconnected VoIP, and Internet-based Telecommunications Relay Service (TRS) providers (collectively, Originating Service Providers) connect to NG911 networks at the points designated by 911 authorities on a timely basis.
- The *NPRM* addresses issues raised in the October 2021 petition filed by NASNA.
- This proceeding remains pending. *Ex parte* presentations are allowed, provided they are filed in the rulemaking docket (PS Docket 21-479).

Link to *NPRM*: <https://www.fcc.gov/document/fcc-proposes-action-expedite-transition-next-generation-911-0>

Annual 911 Fee Reports

- The New and Emerging Technologies 911 Improvement Act of 2008 (NET 911 Act) requires the Commission to report annually to Congress on the collection and distribution of 911 and E911 fees and charges by the states, the District of Columbia, and U.S. territories.
- The annual report provides state-by-state data, including information on specific elements of 911 and Next Generation 911 (NG911) service that are supported by 911 fees.
- The 15th Annual Report, covering CY 2022 data, was submitted to Congress on December 29, 2023.
- Link to 911 fee reports and state data submissions:
<https://www.fcc.gov/general/911-fee-reports>.

15th Annual 911 Fee Report


- 911 Call Volumes – Reported for CY 2022
 - 217,654,456 voice calls of all types (approximately 1.1% lower than 2021)
 - Wireless: 157,999,298 calls (approximately 72.6% of total, but some states did not break out wireless or other call types in their reports)
 - Wireline: 21,194,035 calls
 - VoIP: 12,262,577 calls
 - Texts: 824,609 texts to 911
- PSAPs: 4,627 Primary PSAPs and 697 Secondary PSAPs funded through 911 fees.
- Telecommunicators: 35,506.5 full-time and 2,910 part-time telecommunicators funded through 911 fees.

15th Annual 911 Fee Report

- Total 911/E911 Fees Collected: \$3.85 billion.
- Fee Diversion: Three states diverted 911 funds in calendar year 2022. The same three states were designated as diverters in last year's report for calendar year 2021.
- Total NG911 Expenditures: \$512 million.
- Cybersecurity Expenditures: 27 states and the District of Columbia spent a combined \$7.9 million on 911-related cybersecurity programs.
- Underfunding: Many states and jurisdictions reported that underfunding results in degradation of 911 service and staffing challenges at PSAPs, as well as delay in deployment of new technology such as NG911.

988 Suicide and Crisis Lifeline

- The FCC requires all telecommunications carriers, interconnected VoIP providers, and covered text providers to route “988” calls and text messages to the National Suicide and Crisis Lifeline (“Lifeline”).
- The Lifeline also remains reachable at 1-800-273-TALK.
- 988 calls are routed by the caller’s area code to the crisis center associated with the area code. This is different from how 911 calls are routed.
- No geolocation information is provided with 988 calls, unlike 911 calls.
- In September 2023, Chairwoman Rosenworcel sent letters to wireless carriers and industry associations encouraging them to develop a 988 georouting solution that could be deployed nationwide (<https://www.fcc.gov/document/chairwoman-calls-industry-associations-explore-988-routing>).

The logo for the 988 Suicide & Crisis Lifeline is located on the left side of the slide. It consists of a blue square with a white border. Inside the square, the number "988" is written in large, white, sans-serif font. Below the number, the words "SUICIDE & CRISIS LIFELINE" are written in a smaller, white, sans-serif font, stacked in three lines: "SUICIDE", "& CRISIS", and "LIFELINE".

988
SUICIDE
& CRISIS
LIFELINE

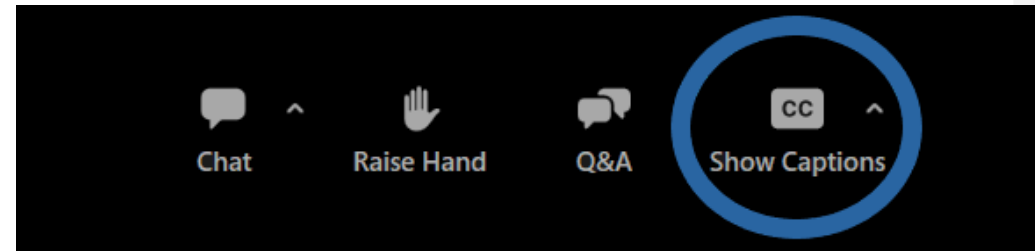
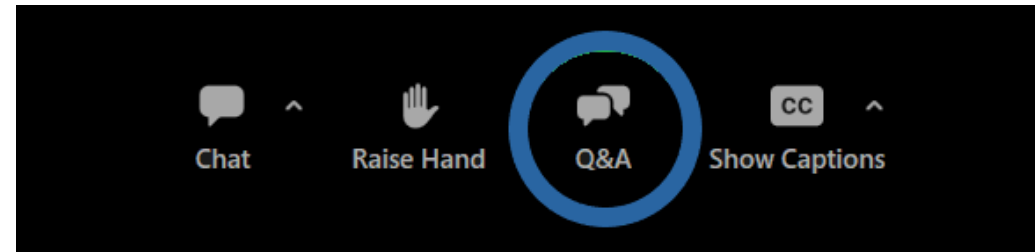


Thank you!

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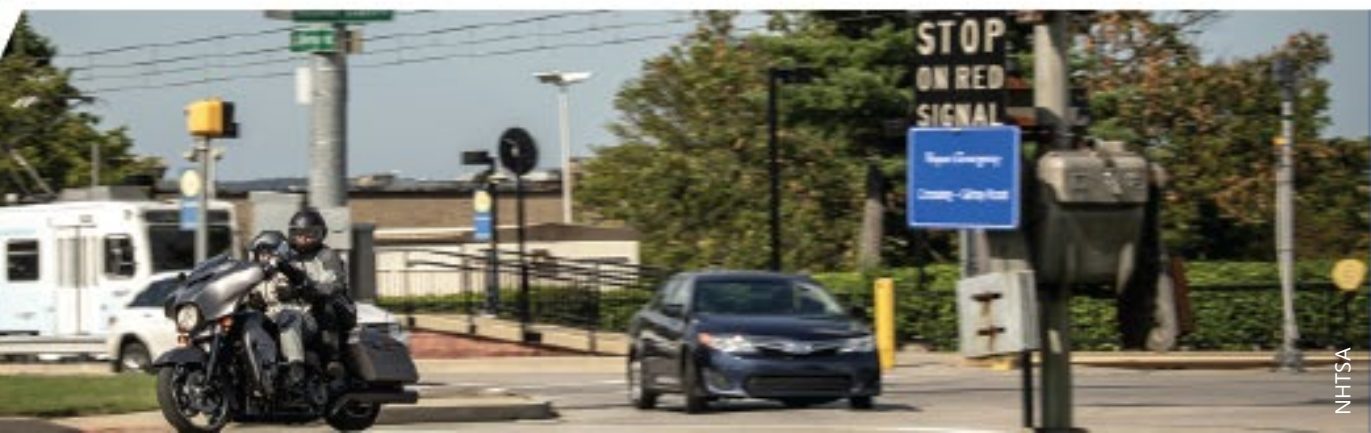
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U.S. Department of Transportation

Safe Streets and Roads for All (SS4A)



NHTSA

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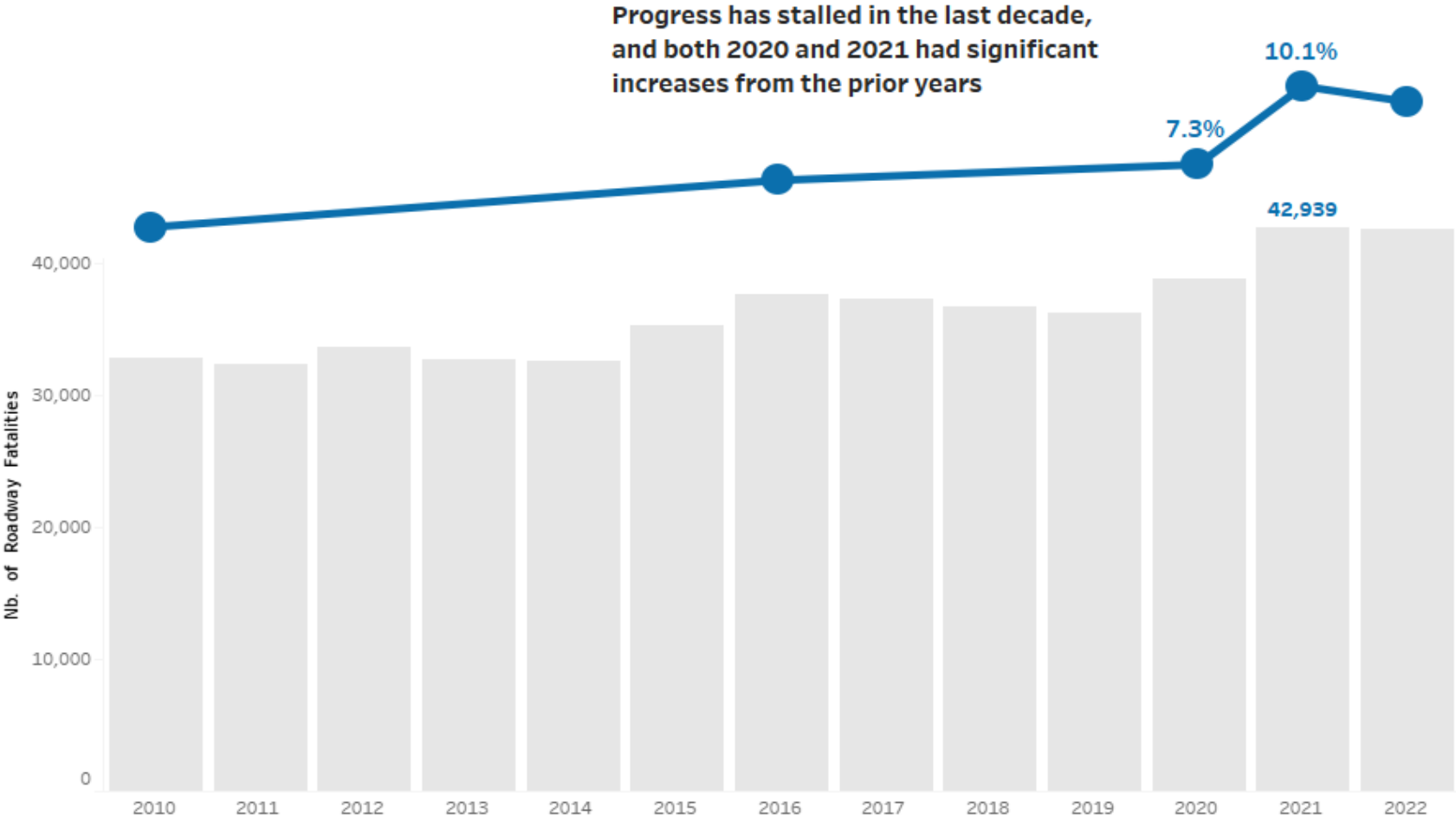
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U.S. DOT and Roadway Safety

The Roadway Safety Crisis

An estimated 42,795 people died on America's streets, roads, and highways in 2022

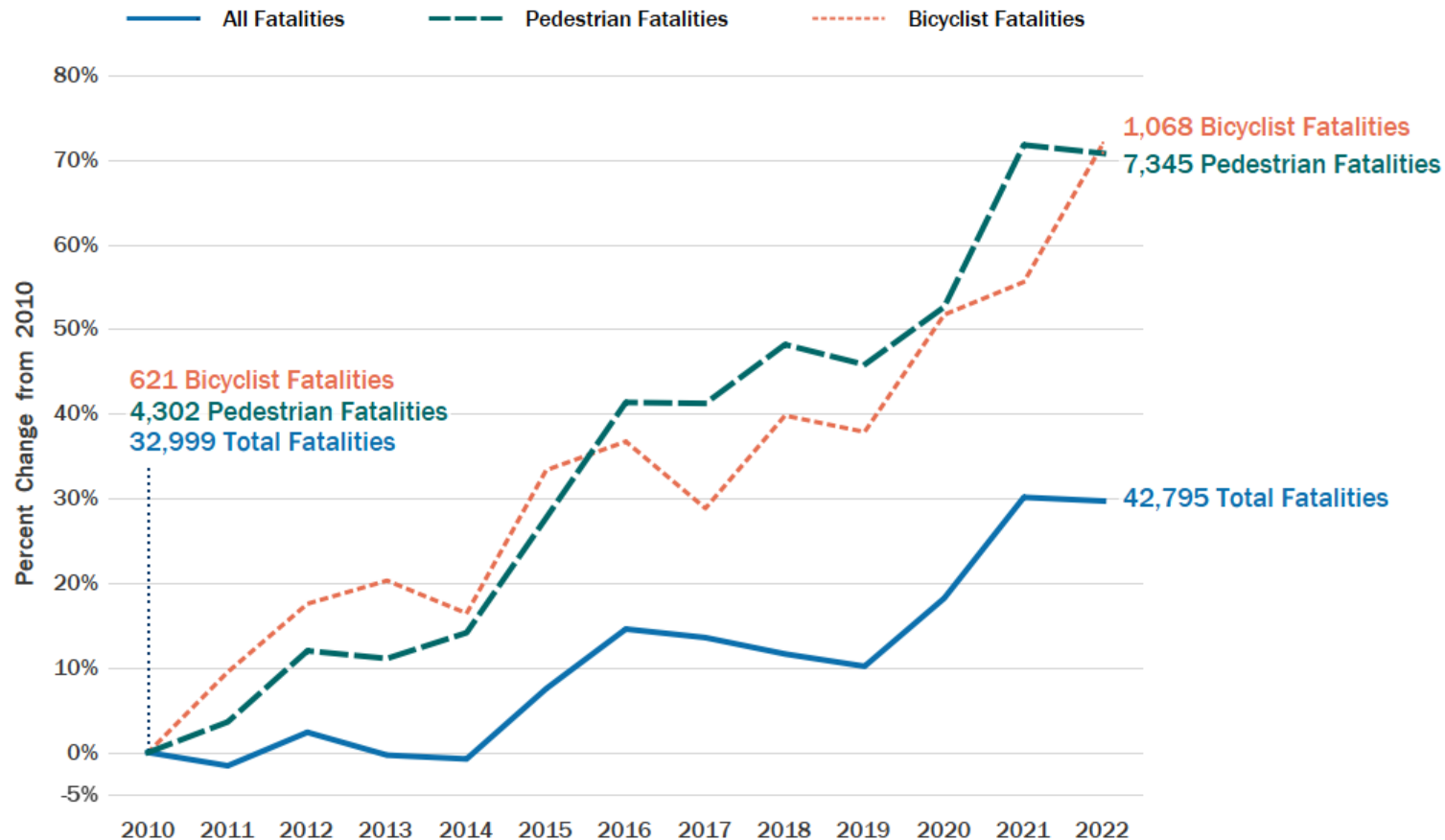




We have a National Roadway Safety Problem

Fatalities among **all users** have been increasing.

Fatalities among **pedestrians** and **bicyclists** have been **increasing even faster.**



Source: FARS 2010-2020 Final File; 2021 Annual Report File

National Roadway Safety Strategy (NRSS)

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.
- ❖ **Adopts the Safe System Approach** principles to guide our safety actions, which includes Post-Crash Care.
- ❖ **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.
- ❖ **Call to Action** for stakeholders to commit to substantive, defined safety actions.



The Safe System Approach (SSA)

Principles of a Safe System Approach

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





About SS4A Grants

Disclaimer: the SS4A information is based on the FY23 NOFO, and may be subject to change

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
- Key program supporting the National Roadway Safety Strategy



<http://www.transportation.gov/grants/SS4A>

SS4A Overview: Eligibility

Eligible Recipients

- Political subdivision of a State
- Metropolitan planning organization (MPOs)
- Federally recognized Tribal government

Quick Build Demonstration Activity



Source: Solomon Foundation

Eligible Activities

- Develop a Comprehensive Safety Action Plan
 - Develop or complete an Action Plan
 - Conduct supplemental planning
 - 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



Planning and Demonstration Grants

Action Plan

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

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 Devices (MUTCD) engineering studies



Implementation Grants

- Implementation Grants applications must fund projects and strategies **identified in an Action Plan** that address a roadway safety problem.
- Infrastructure, behavioral, and **operational safety activities** are all eligible.
- Applicants must have a qualifying Action Plan in place to apply for Implementation Grants.
- Implementation applications may also include supplemental planning and demonstration activities.



Source: FHWA





SS4A Awards

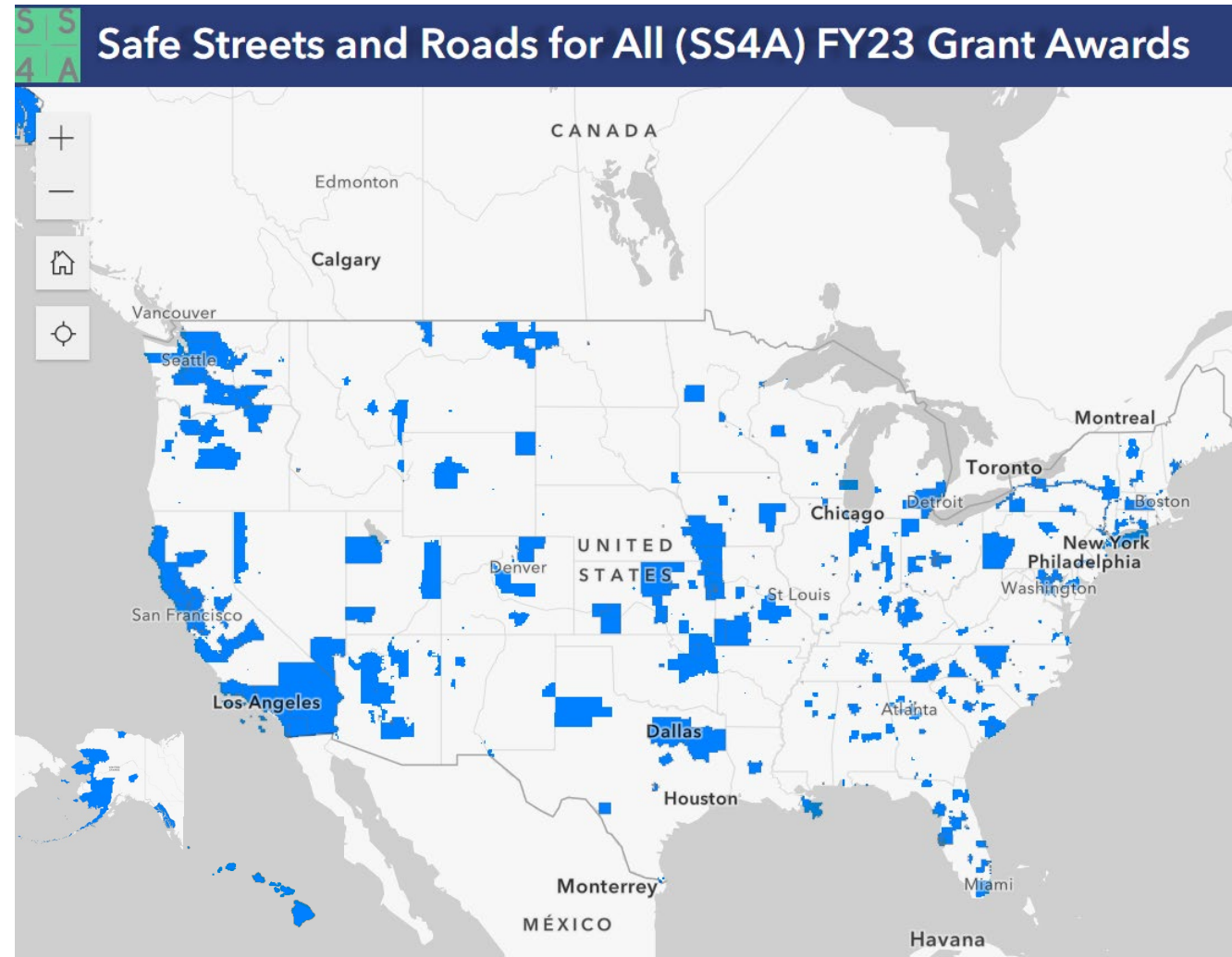
Fiscal Year 2023 Safe Streets and Roads for All

FY23 Awards

- Almost \$900 million in funding for the FY23 cycle.
- 620 regional, local, and Tribal communities received awards.

Calendar Year 2023

- Over 1,000 communities received funding totaling \$1.7 billion.
- Awards made to date will improve roadway safety planning for around 70% of the nation's population



SS4A Previously Awarded Projects

- The Upper Pine River Fire Protection District in Colorado received \$201,500 in Federal funding in FY22 to develop a comprehensive safety action plan.
- City of Richardson, Texas received \$320,000 in Federal funding in FY23 to develop a comprehensive safety action plan, and pilot a GPS-based preemption system to reduce response times for emergency vehicles.
- City of Burlington received \$1,176,800 in Federal funds in FY23 for a number of activities, including to establish a framework for future deployment of signal priority and signal preemption that can improve emergency service.
- The Town of Colonie EMS & Regional Emergency Services, New York received \$2,400,000 in Federal funding in FY23 to pilot an emergency transponder system to alert drivers of emergency response to a crash, and a platform to interface with specialty care registries.
- Nashville-Davidson County received \$13,049,572 in Federal funds in FY23 to implement an infrastructure project on Nolensville Pike, and included an emergency vehicle preemption activity along a key emergency response route.



SS4A Provides Benefits for Post-Crash Care and First Responders

- SS4A Action Plans should consider all types of interventions, including operational and post-crash care activities.
- Demonstration activities, supplemental planning, and the implementation of projects and strategies can all include operational, first responder and post-crash care activities.
- Types of activities that can be funded by SS4A:
 - Changes to reduce response times
 - Emergency Medical Dispatch improvements
 - Traffic signal preemption and prioritization
 - Improvements to on-scene EMS care





Getting Involved in SS4A

Ways to Get Involved

- 1. Developing an Action Plan.** Does your area already have an SS4A Action Plan underway?
 - If no, would you want to work with others to start a plan through a Planning and Demonstration Grant?
 - If yes, are you involved in the action planning process to inform its development?
- 2. Demonstration Activities and Supplemental Planning.** If there is an Action Plan completed or underway in your area, would a demonstration activity or supplemental planning make sense through a Planning and Demonstration Grant?
- 3. Implementing Projects.** Does an established Action Plan have operational projects and strategies that need funding through an Implementation Grant?



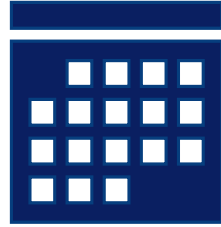
SS4A FY24 NOFO

FY24 NOFO Now Open

- The fiscal year (FY) 2024 [Notice of Funding Opportunity](#) (NOFO) for Safe Streets and Roads for All grants is open.
- **April 4, 2024, 5 p.m. (EDT):** Deadline #1 for Planning and Demonstration Grants.
- **May 16, 2024, 5 p.m. (EDT):** Sole deadline for Implementation Grants. Deadline #2 for Planning and Demonstration Grants.
- **August 29, 2024, 5 p.m. (EDT):** Deadline #3 for Planning and Demonstration Grants. NOFO closes.



SS4A FY24 NOFO Is Now Open



Notice of Funding Opportunity ([NOFO](#))
is now **OPEN**



Submit technical questions by April 17,
2024, to ss4a@dot.gov



Additional resources about SS4A and
the NOFO can be found at
[https://www.transportation.gov/grants/
SS4A](https://www.transportation.gov/grants/SS4A)



FY24 SS4A Application Deadlines

- There are **three separate application deadlines** for Planning and Demonstration Grant applications in FY24:
 1. April 4, 2024, 5 PM (ET)
 2. May 16, 2024, 5 PM (ET)
 3. August 29, 2024, 5 PM (ET)
- Planning and Demonstration Grant applicants may apply in **any of the three** application rounds.
- Planning and Demonstration Grant applicants may **reapply** if their application is not initially selected for funding.
- Implementation Grant applicants have a single deadline for the FY24 SS4A NOFO: May 16, 2024, by 5 PM (ET).



Learn how to apply and access application materials: <https://www.transportation.gov/grants/ss4a/how-to-apply>



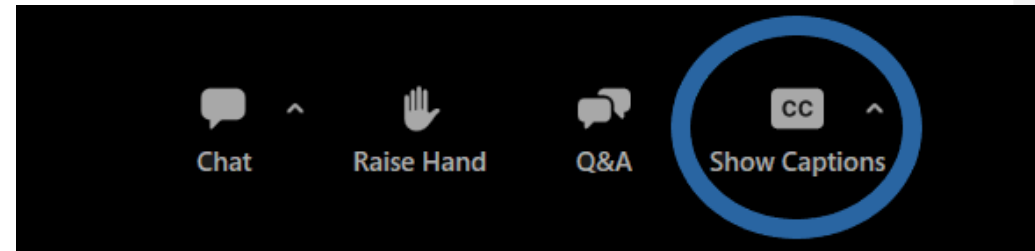
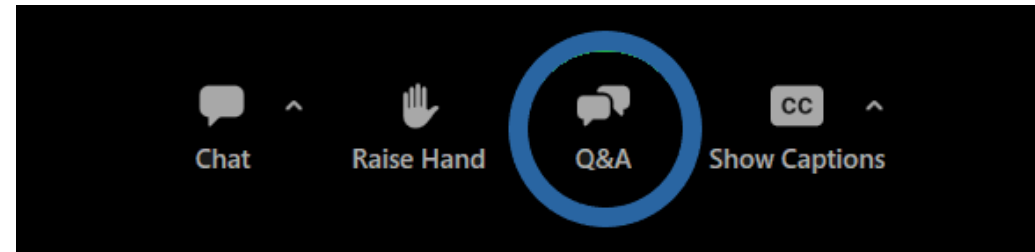


Questions?

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UPCOMING WEBINAR



May 14, 2024
12:00pm ET



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Brian Tegtmeyer, ENP

National 911 Program, Coordinator

Feedback & Questions

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