



Welcome To BrMUG 2025!

Wi-Fi Access

Network: Marriott Conference

Passcode: BRMUG25

2025 Bridge Management User Group Meeting
Providence, RI | September 9-10, 2025

House Keeping

- **Meeting Spaces**

- General Session
 - Canal, Benevolent & Angel Rooms
- Breakouts
 - Marquis Ballroom
- Breakfast and Lunch
 - Sessions and College Rooms

- **Professional Development Hours**

- **Wi-Fi Access**

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- **Concur**

- State members traveling on Scholarship

- **Use the Microphones!**

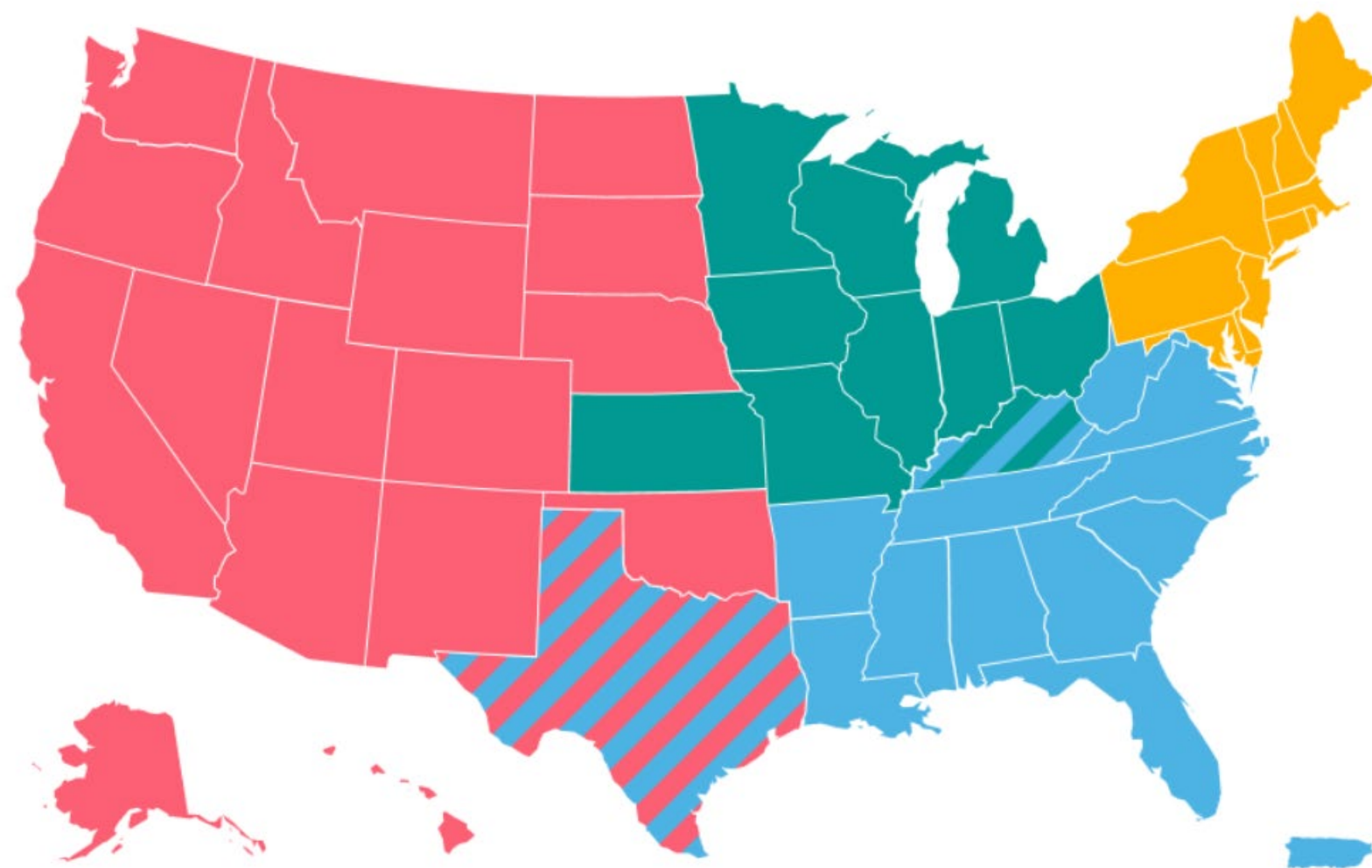
State Roll Call

Your Name

Who else from your state is here

SNBI / BrM 7.0 / BrM 7.1 Implementation Status

State Roll Call



Region 1- Northeastern Association of State Transportation Officials (NASTO)

Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, District of Columbia, Connecticut

Region 2 - Southern Association of State Highway and Transportation Officials (SASHTO)

Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Puerto Rico, South Carolina, Tennessee, Texas, Virginia, West Virginia

Region 3 - Mid America Association of State Transportation Officials (MAASTO)

Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Ohio, Wisconsin

Region 4 - Western Association of State Highway and Transportation Officials (WASHTO)

Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, Wyoming



AASHTO Update

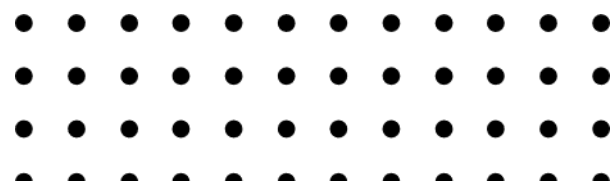
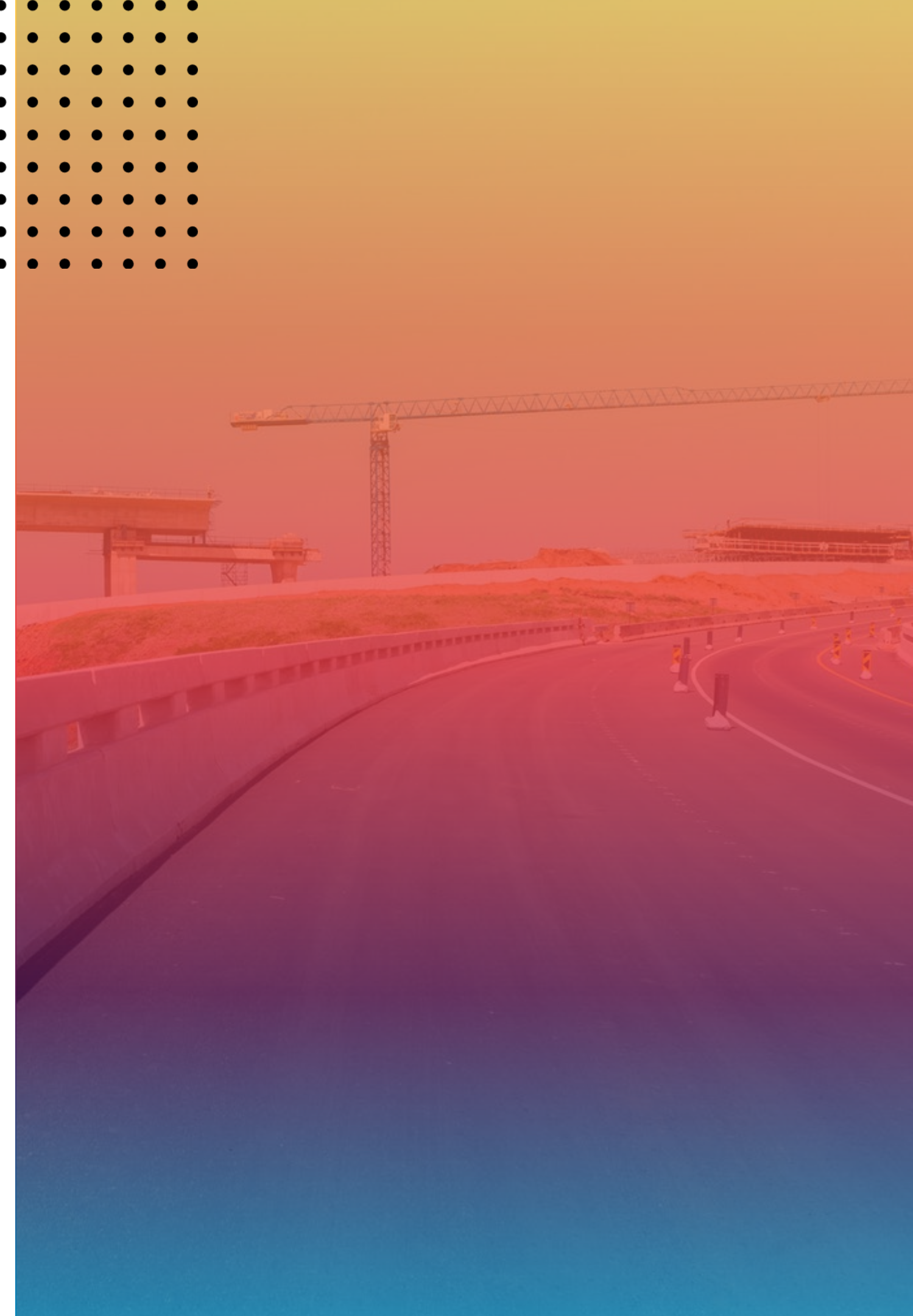
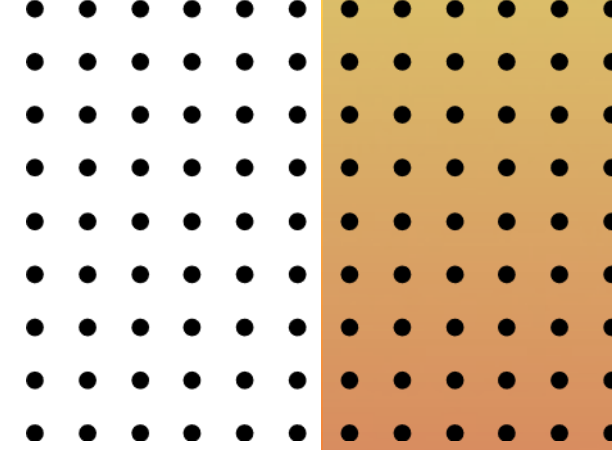
Strategic Work Plan, Alliance Program, Volunteer Survey,
Fellowship Award

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FY2026-FY2030

Strategic Work Plan



Mission & Vision

Mission

AASHTOWare delivers software solutions through partnerships to enable transportation agencies to accomplish their mission.

Vision

To be the premier source for innovative technology solutions for the transportation community.

4 Strategic Principles



Innovation

Deliver innovative and high value products that meet member needs



Member Experience

Provide seamless user interactions



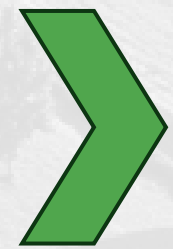
Internal Operations

Embody operational excellence



Marketing and Advocacy

Build passion for AASHTOWare products



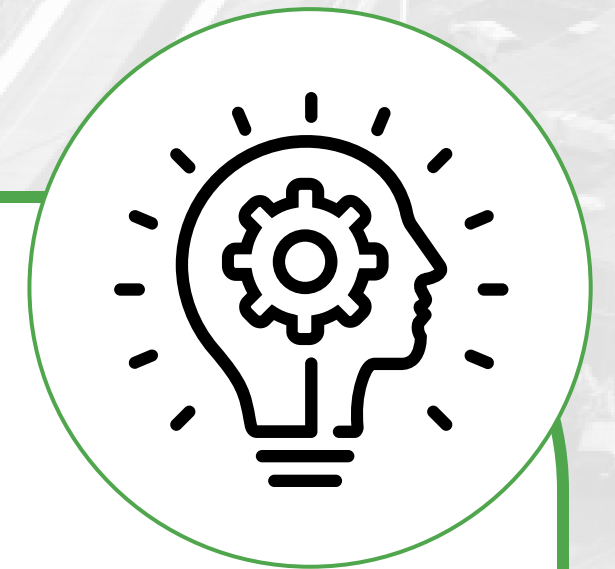
Innovation

Member
Experience

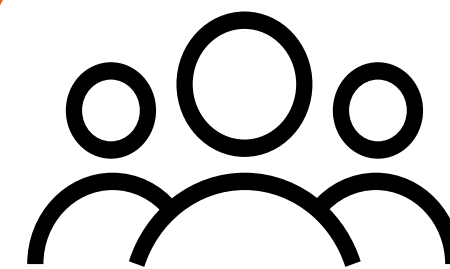
Internal
Operations

Marketing
and
Advocacy

Deliver innovative and high value products that meet member needs



- ✓ Migrate all AASHTO products to the cloud
- ✓ Create roadmaps for each product informed by user feedback and agency expertise
- ✓ Develop data analytics strategy to support faster and user-informed product development
- ✓ Incorporate AASHTOWare OpenAPI into products to increase interoperability and user adoption



Provide seamless user interactions

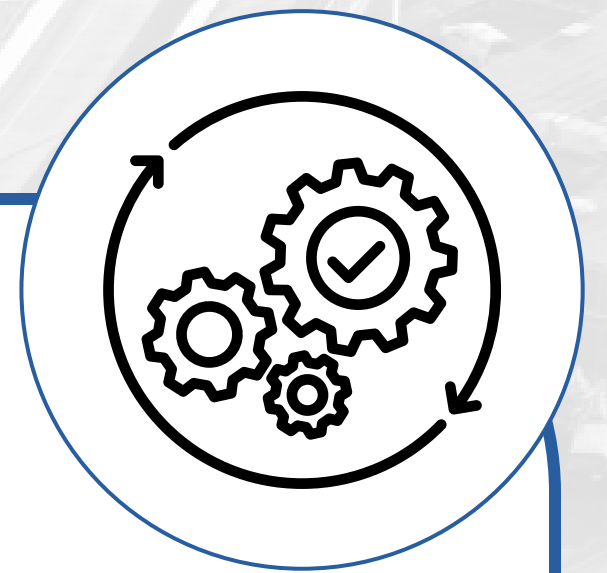
- ✓ Develop user-focused training program for new and modified features
- ✓ Streamline product procurement/renewal
- ✓ Enhance self-service options and streamline ticket resolution processes
- ✓ Create implementation best practice guidelines

Innovation

> Member Experience

Internal Operations

Marketing and Advocacy



Embody operational excellence

- ✓ Create Strategic Workplan Implementation Committee
- ✓ Enhance cybersecurity and data governance
- ✓ Improve Task Force efficiency
- ✓ Leverage volunteers strategically
- ✓ Align financial resources to capability gaps and key initiatives
- ✓ Enhance communications across AASHTO and AASHTOWare

Innovation

Member
Experience

➤ **Internal
Operations**

Marketing
and
Advocacy



Build Passion for AASHTOWare Products

- ✓ Grow AASHTOWare's online presence by designing and implementing a social media strategy
- ✓ Promote AASHTOWare products at Department of Transportation industry events, and universities
- ✓ Develop AASHTOWare as a community

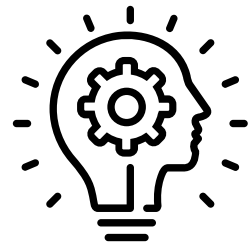
Innovation

**Member
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**Internal
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**Marketing
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Advocacy**

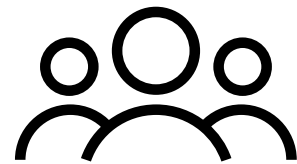
STRATEGIC WORK PLAN INITIATIVES



Innovation

Deliver innovative and high value products that meet member needs

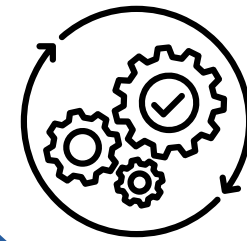
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Member Experience

Provide seamless user interactions

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Internal Operations

Embody operational excellence

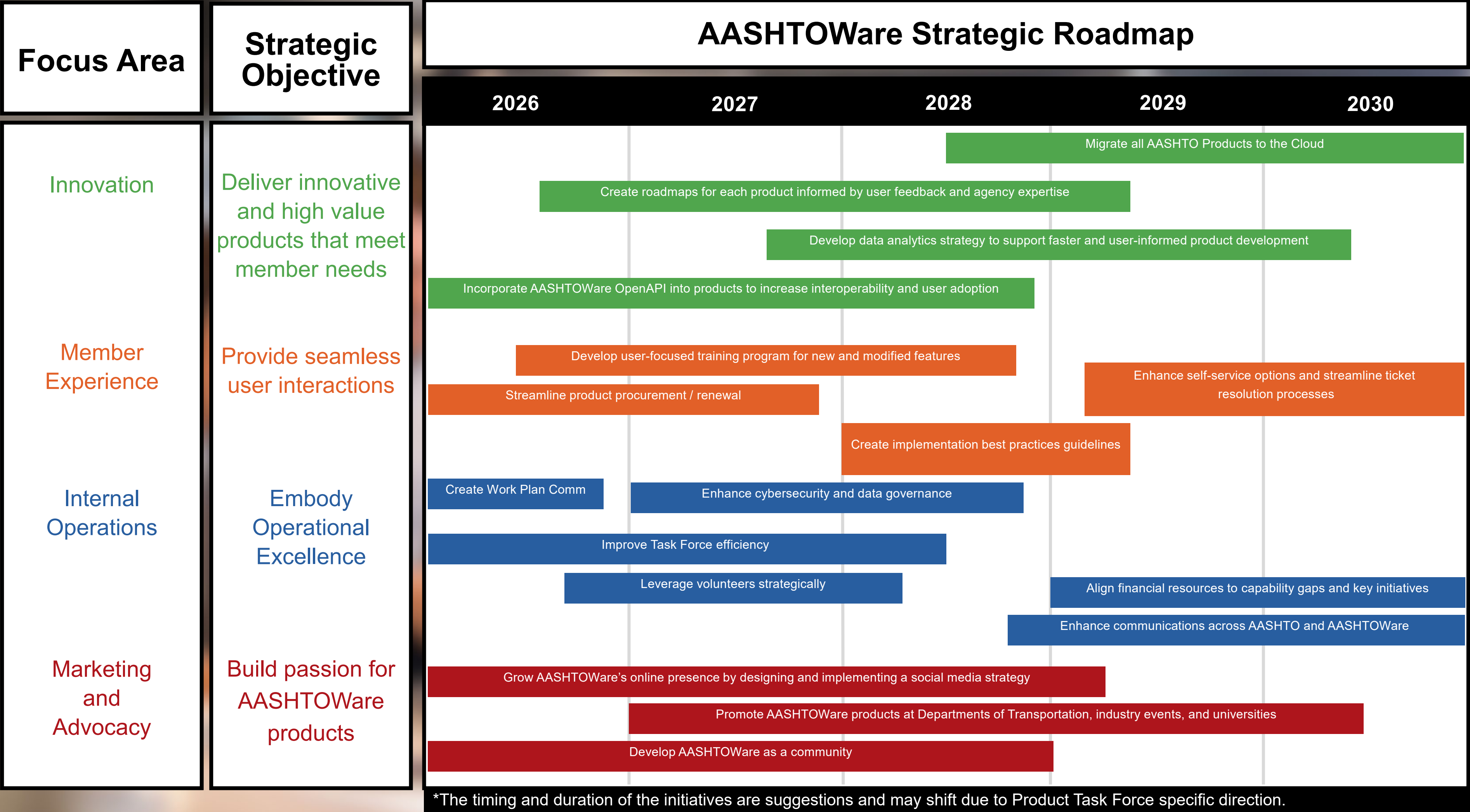
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Marketing & Advocacy

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BrM 7.0 Transition

- Ground Up rewrite of the software
- Database Migration
- Underestimated the Migration effort

Cloud Hosting

- **Cost-Efficiency**

- Hardware and Maintenance
- Utility and Space
- IT Staffing

- **Agility**

- Faster development and deployment of new applications and services.
- Faster support response times and bug fixes
- Ability to react in real time to ADA and other federal compliance changes

- **Security**

- GovRamp Compliance

- **Innovation**

- Analytics
- Access to Advanced Technologies

Third Party Tools

- What was BrM Sync?
- Three options moving forward
 - Open API – State Integrated
 - Open API – Vendor Integrated
 - Mayvue's Translator Tool
- Can a state use Service Units?



AASHTOWare Alliance Program Update



Alliance Program Mission

The mission of the Alliance Program is to address technology gaps for our members within the framework of specific AASHTOWare products. In doing so, we strive to support transportation agencies in their diverse endeavors.

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Types of Alliances



Data Alliance

The Data Alliance designation is for companies promoting data interoperability between their products and AASHTOWare. Data Alliances enable departments of transportation (DOTs) to meet agency-specific goals effectively. Leveraging the AASHTOWare OpenAPI, Data Alliances bring together AASHTOWare and non-AASHTOWare applications to support business needs.



Integrator Alliance

The Integrator Alliance designation is for companies that specialize in system integration rather than owning proprietary products. The Integrator Alliance provides customization, deployment, and integration to bring together AASHTOWare and non-AASHTOWare applications to support business needs.

New



Product Alliance

Product alliances are off-the-shelf solutions that complement current AASHTOWare offerings when integrated. Companies best suited for this designation have products already in use by at least three DOTs and help fill functional gaps within specific AASHTOWare products. Product Alliances will be offered in the AASHTOWare Catalog, and co-branding may occur on a case-by-case basis.



Strategic Alliance

Strategic Alliances provide a product in a new business area not covered by current AASHTOWare solutions. This type of alliance involves a deeper relationship and commitment with AASHTOWare, with greater coordination and co-branding.

Alliance Program Seals



Criteria for Alliances

Who are we looking to align with?

Potential alliances must be technically robust, sustainable, and proven through practical use.

They should also align well with AASHTO's and DOT's cultures and values.

Data & Integrator Alliance applicants must provide evidence of a successful integration with an AASHTOWare product using the AASHTOWare OpenAPI.

DOTs may champion a potential alliance, vouching for its efficacy and benefits.



Alliance Solutions



Strategic Alliances



AASHTOWare Safety is a Software as a Service (SaaS) platform specifically designed to meet the unique needs of state and local transportation agencies in the area of highway traffic safety management. The AASHTOWare Safety platform begins by ingesting, cleansing, and combining data to make it more meaningful and ready for analysis. The integrated Safety Data Warehouse that the platform is built upon, houses all the necessary data and translates it into language humans naturally understand, resulting in a refreshingly easy, intuitive search experience.



Numetric has been the official Traffic Safety Analytics solutions provider for AASHTOWare since 2020. By combining the credibility and community of AASHTO with the power, speed, and innovation of their SaaS platform, it gives faster, easier access to the tools that unlock data and solve state traffic safety challenges.

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AASHTOWare PermitRoute powered by ProMiles, is a cloud-based automated technology solution tailored for real-time oversized overweight permitting and routing needs of state and local transportation agencies. To ensure safety and efficiency AASHTOWare PermitRoute analyzes a variety of factors ranging from route restrictions and load attributes to jurisdiction preferences and equipment to create real-time routing and permitting guidance.



ProMiles®

ProMiles developed this oversize/overweight permitting and routing tool over the past 13 years with direct input from DOT members, AASHTOWare and has become the leading software solution for DOT members, being utilized by 57% of states. In 2024 they formed a Strategic Alliance with AASHTOWare, and the product has since been offered in the AASHTOWare annual catalog.

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Product Alliances

AASHTOWare™ PROJECT

AASHTOWare Project software is the complete, enterprise-wide software solution developed by AASHTO for managing an agency's construction program. The software enables managing information throughout the entire contract and construction cycle—from cost estimation to proposal preparation, letting bids, construction and material management and data collection.



ForneyVault is a machine-integrated, cloud-based construction materials testing platform. With ForneyVault, data flows seamlessly throughout the entire

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EDOT streamlines the e-Construction process by securely aggregating real-time ticketing data from any asphalt, ready-mix, or aggregate producer in a state, regardless of the ticketing solutions in place at the plant or job site.



Infotech® Mobile Inspector® is a progressive web application that enables inspectors to collect the field data required for a daily report, whether online or offline.





AASHTOWare Bridge Design (BrD) and AASHTOWare Bridge Rating (BrR) are comprehensive tools developed by AASHTO for bridge design and load rating. BrD assists in designing bridge superstructures and substructures per AASHTO LRFD Bridge Design Specifications. BrR is used for rating bridge superstructures according to AASHTO's bridge evaluation and design specifications. Both tools share a common user interface and database, allowing seamless integration. When both products are licensed, a bridge designed in BrD can be directly used in BrR for load rating without needing to re-enter or validate data.



BridgeLink Professional™, a suite of bridge engineering software, is a proprietary product of BridgeSight Inc., which interfaces with the AASHTOWare Bridge Design & Rating database for precast- prestressed girder bridges and provides additional features and tools to support bridge design and rating activities.



AASHTOWare Bridge Management software (BrM) is a comprehensive asset management system developed to support the challenging task of bridge management. The AASHTOWare Bridge Management software provides a versatile platform for bridge inspection reporting and allows bridge management engineers to use bridge inventory and inspection data to formulate project-specific and network-wide preservation and improvement plans.



Inspection Anywhere—powered by Mayvue is a proprietary software product of Mayvue LL that enables agencies to conduct inspections via Android and Apple phone or tablet devices remotely. The application works offline and online to allow inspectors to collect inspection information without an internet connection.



Data & Integrator Alliances



The Data Alliance designation is for companies promoting data interoperability between their products and AASHTOWare. Data Alliances enable departments of transportation (DOTs) to meet agency-specific goals effectively. Leveraging the AASHTOWare OpenAPI, Data Alliances bring together AASHTOWare and non-AASHTOWare applications to support business needs.

sitenotes

The Sitenotes app is an intuitive, off-line ready mobile platform that tracks progress, installations, QC tests, and labor and equipment. It works with DOT agency-specific views and is interoperable with both software and hardware to enhance

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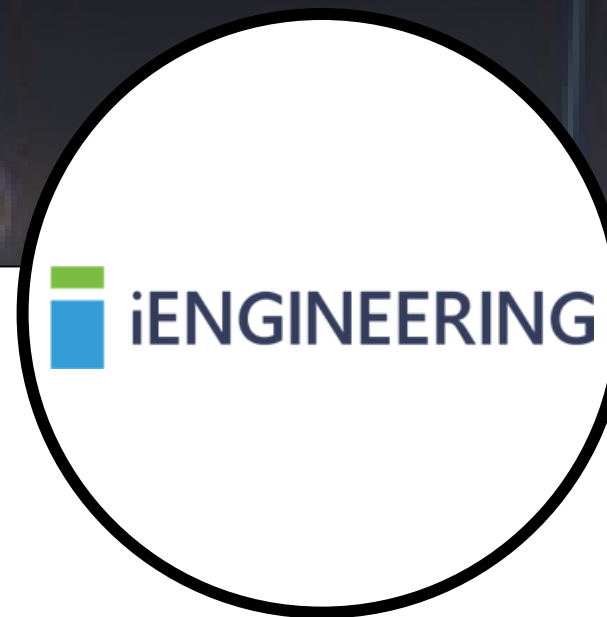
goformz

GoFormz enables transportation teams to digitize forms, capture field data, and seamlessly sync with AASHTOWare Project through AASHTOWare OpenAPI, offering unmatched deployment speed and time-to-value among data capture solutions.





The Integrator Alliance designation is for companies that specialize in system integration rather than owning proprietary products. The Integrator Alliance provides customization, deployment, and integration to bring together AASHTOWare and non-AASHTOWare applications to support business needs.



This alliance is centered around an Application Programming Interface (API) developed by iENGINEERING in collaboration with the Federal Highway Administration (FHWA) Long-Term Pavement Performance (LTPP) InfoPave™, which integrates NASA's Modern Era Retrospective analysis for Research and Applications (MERRA-2) climatic data with the AASHTOWare OpenAPI.

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Current AASHTOWare Alliances

HAULHUB
TECHNOLOGIES

 numetric™

ProMiles®

BridgeSight

Software™

FORNEY
vault®

 MAYVUE

sitenotes



iENGINEERING

Listen. Understand. Solve. Deliver.

infotech®

 goformz

AASHTOWare™
 **BRIDGE**
MANAGEMENT

AASHTOWare Alliances Program Survey

Agency Software Use Survey



For more Alliance Program Information...



Visit us at the
AASHTOWare Alliance
Program Page

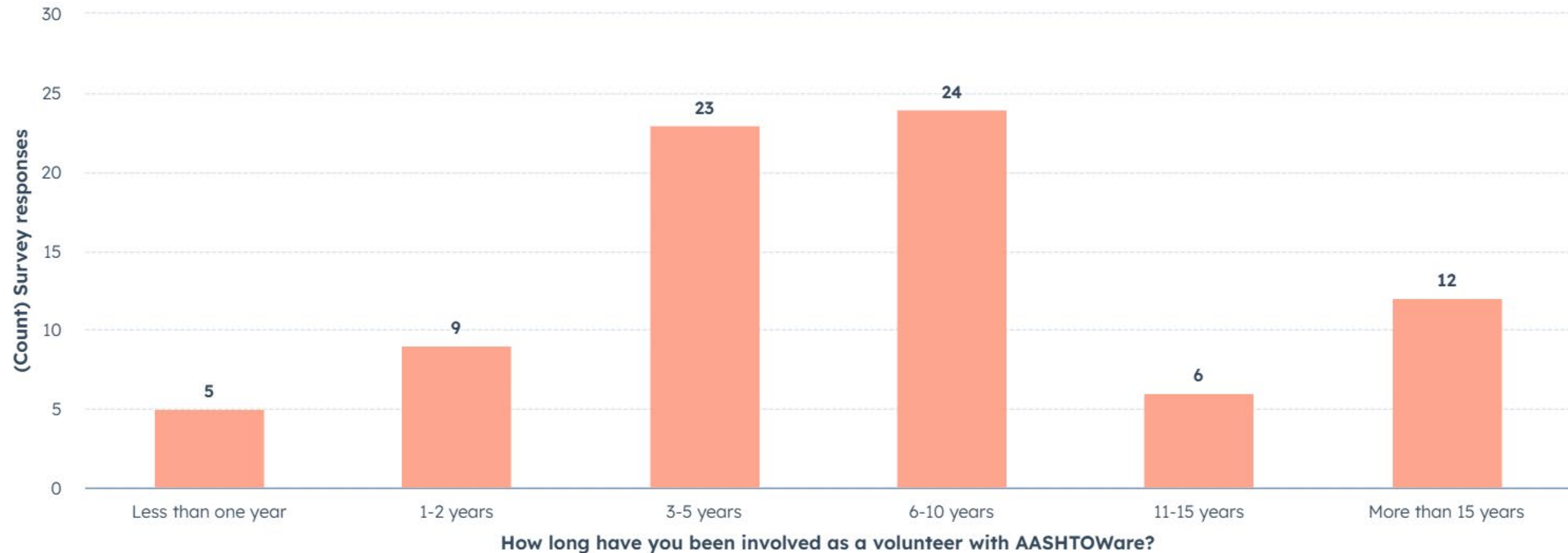


Shakita Battle-Morrow
Alliance Program Manager

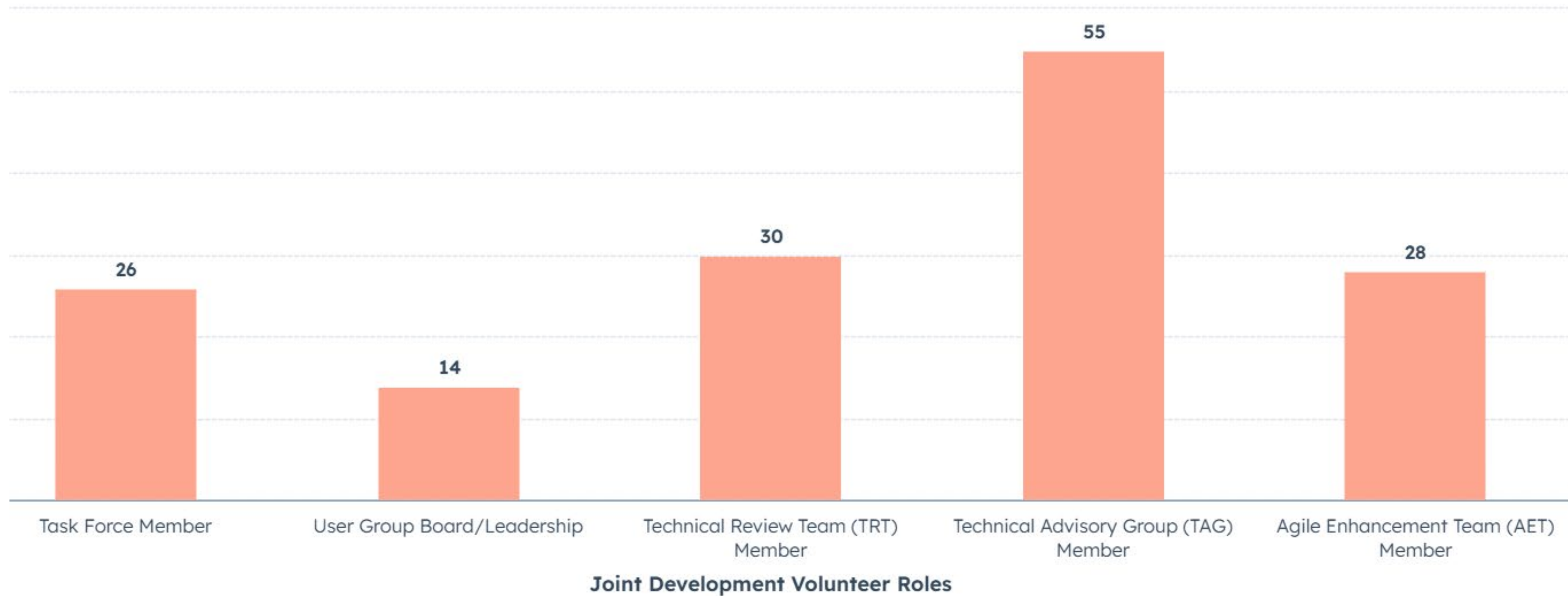


Volunteer Survey

How Long Have You Volunteered for AASHTOWare



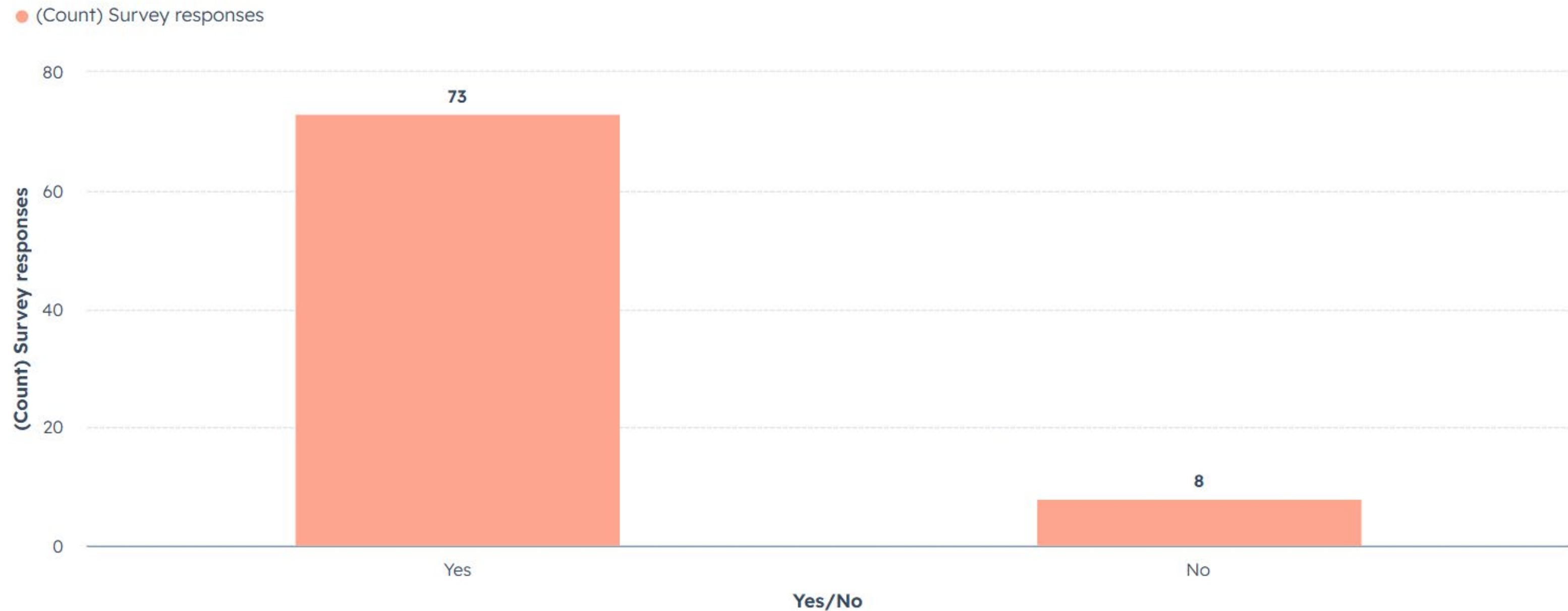
Which Roles Have You Held as a Volunteer?



How Many Hours per Month?



Have You Attended a User Group Meeting?



How Many User Groups Have You Attended?



What Value Did You Gain From Attending?

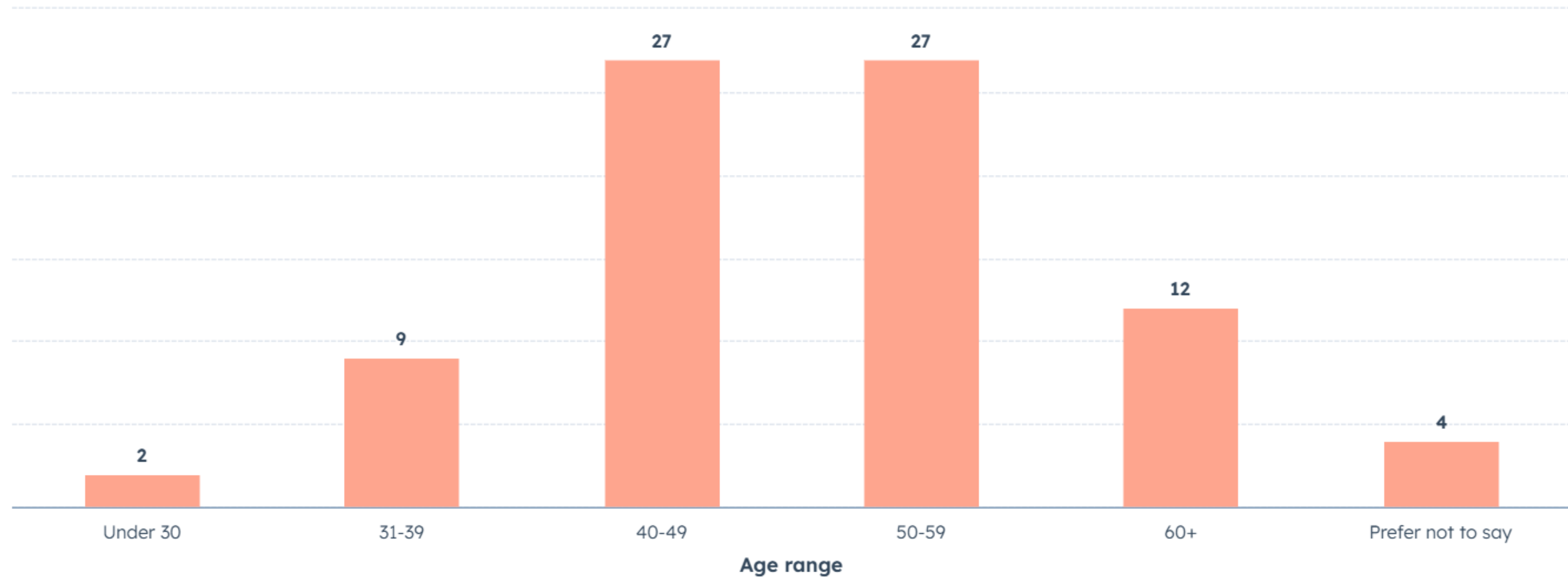
- Knowledge Sharing & Learning from Others
- Networking & Relationship Building
- Product Updates, Features & Roadmaps
- Collaboration & Problem-Solving
- Professional Development & Training

What has Prevented You from Attending?

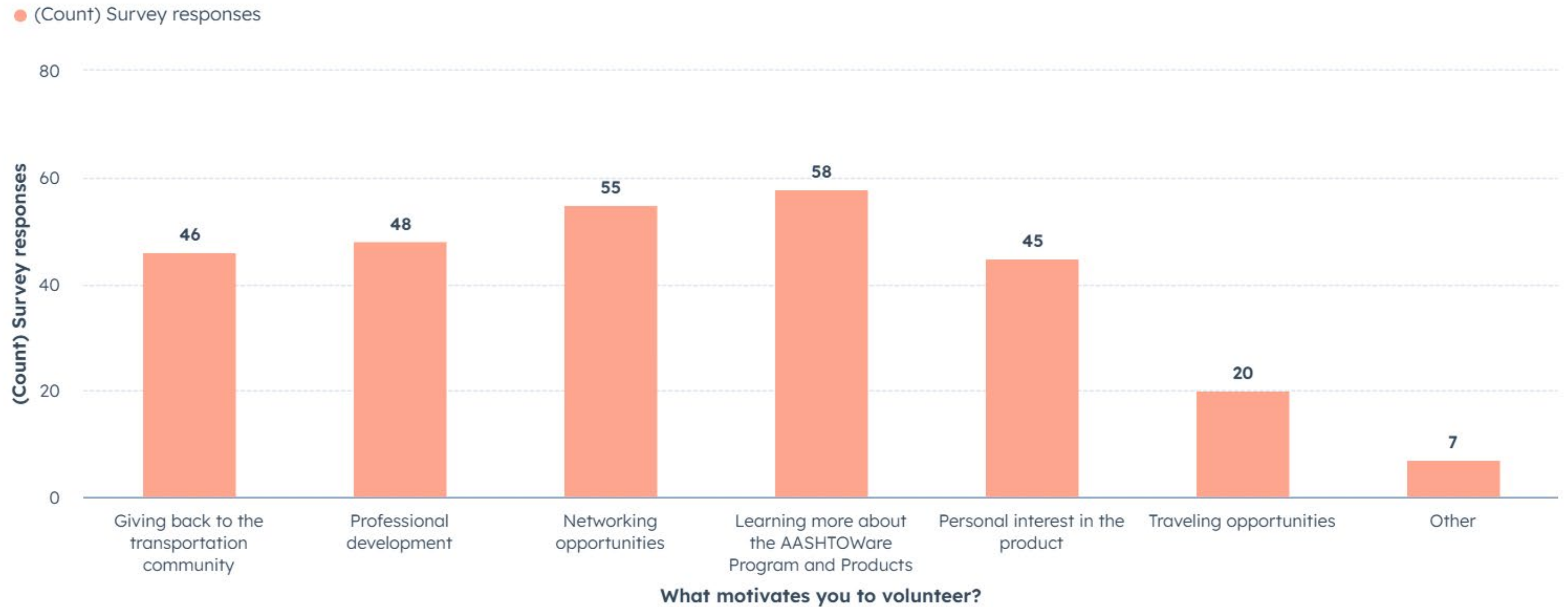
- Difficulty getting state travel approved
- Lack of awareness
- More relevant staff

Age of Volunteers

11) Survey responses



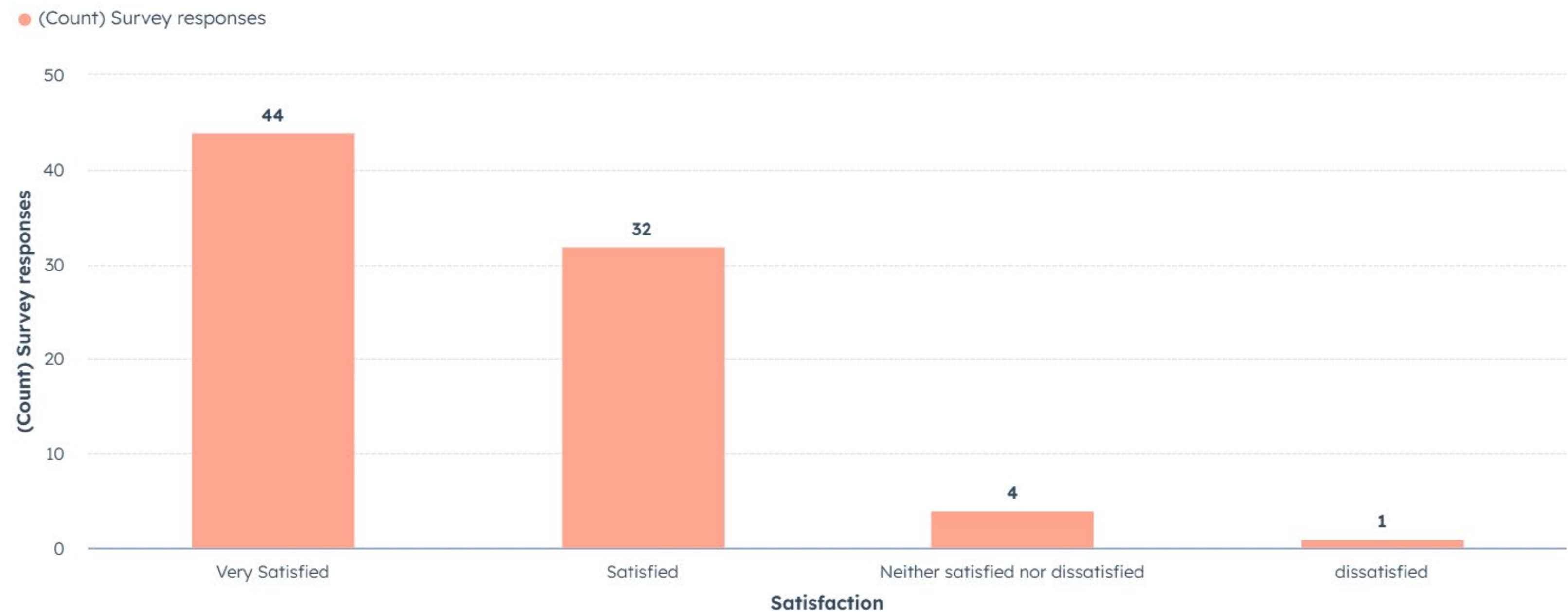
What Motivates You to Volunteer?



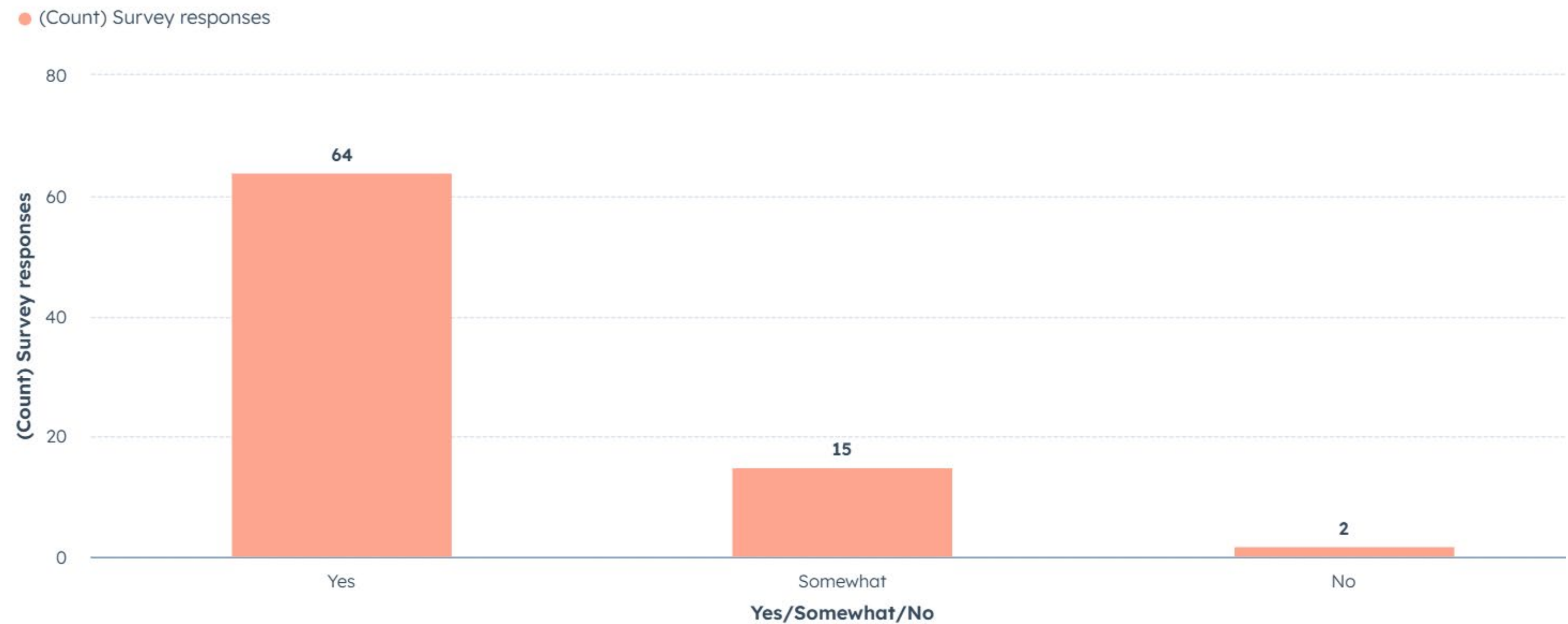
What Motivates You to Volunteer (Other) ?

- Advocating for improvements that assist the agency
- Guiding product development in key areas or getting ahead of changes
- Keeping up with new development in Project. I have found things at past TUGs (yes, that long ago) that would have negatively impacted NYSDOT and we were able to correct them before they became issues.
- AASHTOWare provides platform to learn about successes and failures from other State DOTs. It is invaluable to apply these lessons learned to my DOT from other partners.
- Leveraging AASHTOWare products for NJDOT, attempt to foster development of non-engineering software
- Providing timely feedback to achieve a good product that will work for our DOT.
- Part of my job

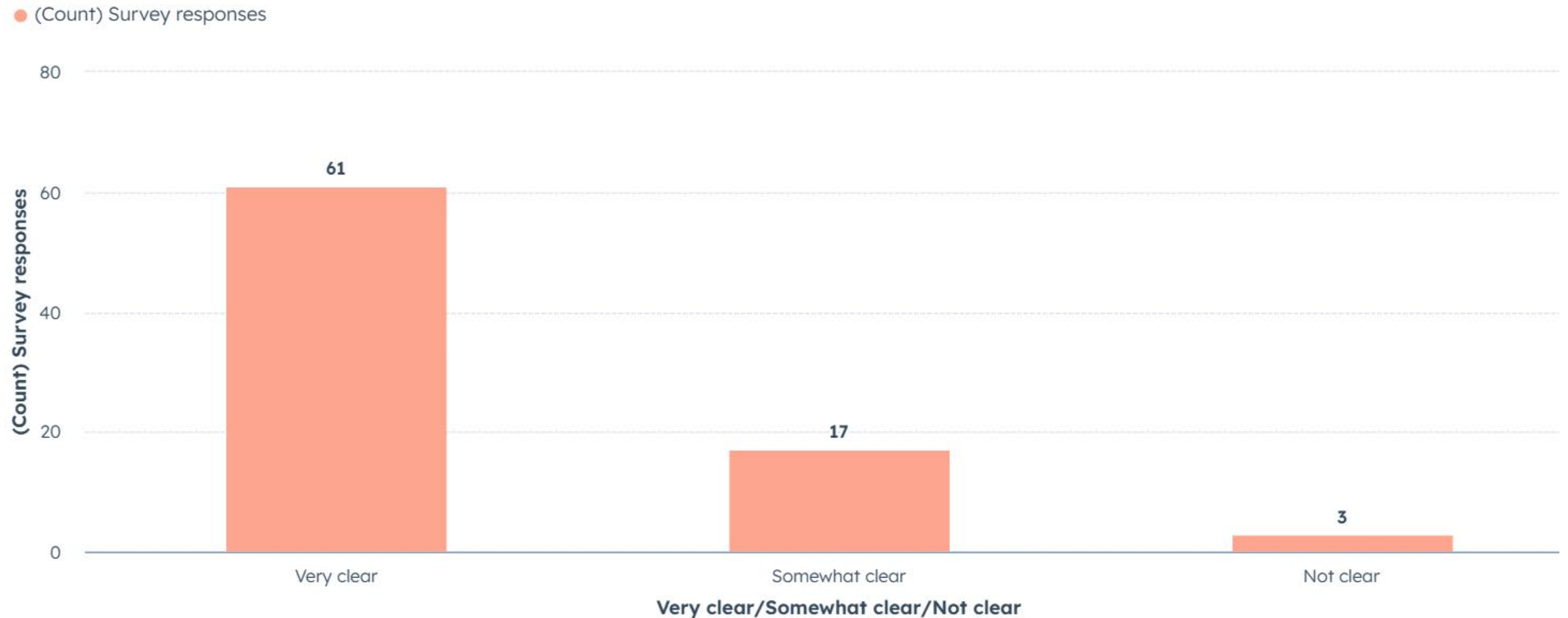
How Satisfied Are You with the Support You Receive?



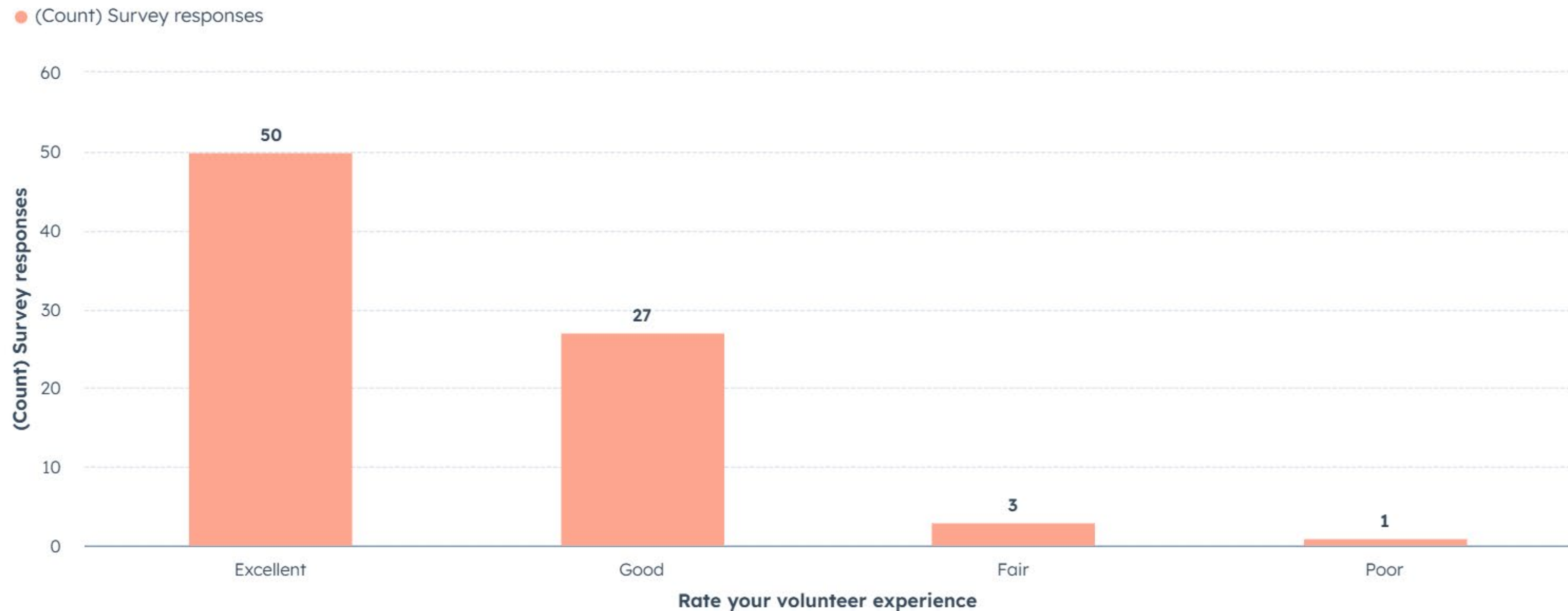
Do You Feel Your Contributions are Valued?



How clear are your responsibilities and expectations in your volunteer role(s)?



How would you rate the communication from the AASHTOWare staff to volunteers?



What types of support or resources would help you be more effective in your role?

- Staffing & Resource Needs
- Communication, Transparency & Outreach
- Onboarding, Orientation & Documentation
- Tools, Technology & Process Improvements
- Participation, Engagement & Meeting Structure

What has been the most rewarding part of your volunteer experience?

- Collaboration & Networking Across States and Agencies
- Product Improvement & Development
- Knowledge Sharing & Learning
- Meaningful Impact & Contribution
- Personal & Professional Growth

What challenges have you faced as a volunteer, and how could we help address them?

- Time Commitment & Workload Balance
- Travel Challenges & Logistics
- Communication & Transparency
- Employer & Leadership Support
- Onboarding, Tools & Process Clarity

Do you have any suggestions for improving the volunteer program?

- **Volunteer Recruitment & Awareness**

- Educating AASHTO member states and DOT leadership on the value of volunteering
- Increasing awareness at state agencies that employees can join
- Promoting volunteer opportunities and the benefits to agencies and individuals
- Engaging younger engineers and hard-to-reach groups
- Creating short-term, remote, or flexible volunteer roles for busy DOT staff

Do you have any suggestions for improving the volunteer program?

Training, Onboarding & Mentorship

- Structured onboarding for new volunteers
- Role-specific training and documentation (including APO, roles, expectations)
- Mentorship opportunities with experienced volunteers
- More open testing and training sessions for AETs
- Quarterly networking/learning hangouts
- Forums or dynamic spaces for ongoing discussion

Do you have any suggestions for improving the volunteer program?

- **Communication, Collaboration & Feedback**

- Maintaining strong connections between SCOA, T&AA, TAGs, and task forces
- Ensuring volunteers have a voice in software requirements
- More interaction between volunteers and developers
- Continued recognition of volunteer input in decision-making
- Clearer points of contact for agency networking

Do you have any suggestions for improving the volunteer program?

- **Recognition & Incentives**

- Public praise and acknowledgement to DOT leadership
- Certificates, awards, and conference discounts
- Continued recognition of time and contributions
- Celebrating TAG participation and long-term involvement

Do you have any suggestions for improving the volunteer program?

- **Program Structure & Role Clarity**

- Revisiting and defining volunteer roles and responsibilities
- Allowing flexible levels of commitment
- Opportunities for remote participation without travel
- Encouraging self-motivated, independent volunteers
- Ensuring management support for staff involvement



2025 Bridge Management Fellowship Award

BrM Fellowship Award Recipient



Patty Fish



“ Patty has been a regular fixture on all of the BrM committees for ... well, more than 15 years. She's been the user group president at least twice.

Everyone's inspection reports have been influenced by Patty's work. Everyone's load rating module was built in part on Patty's ideas. Our user group constitution is thanks to Patty. There is no part of the software she hasn't tested and or had feedback on the initial design.

”



Questions?

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Save the Date!

2026 Joint AASHTOWare BrMUG and RADBUG Meeting
Hyatt Regency | Columbus, Ohio | August 18–20, 2026

User Group Conclave - Elections

- Two Openings
 - Vice President (Database)
 - Vice President (Reports & Dashboard)

<https://www.aashtowarebrm.org/resources/user-group/officers/>

2025 Annual BrM User Feedback Survey



<https://www.surveymonkey.com/r/JZNXLNW>