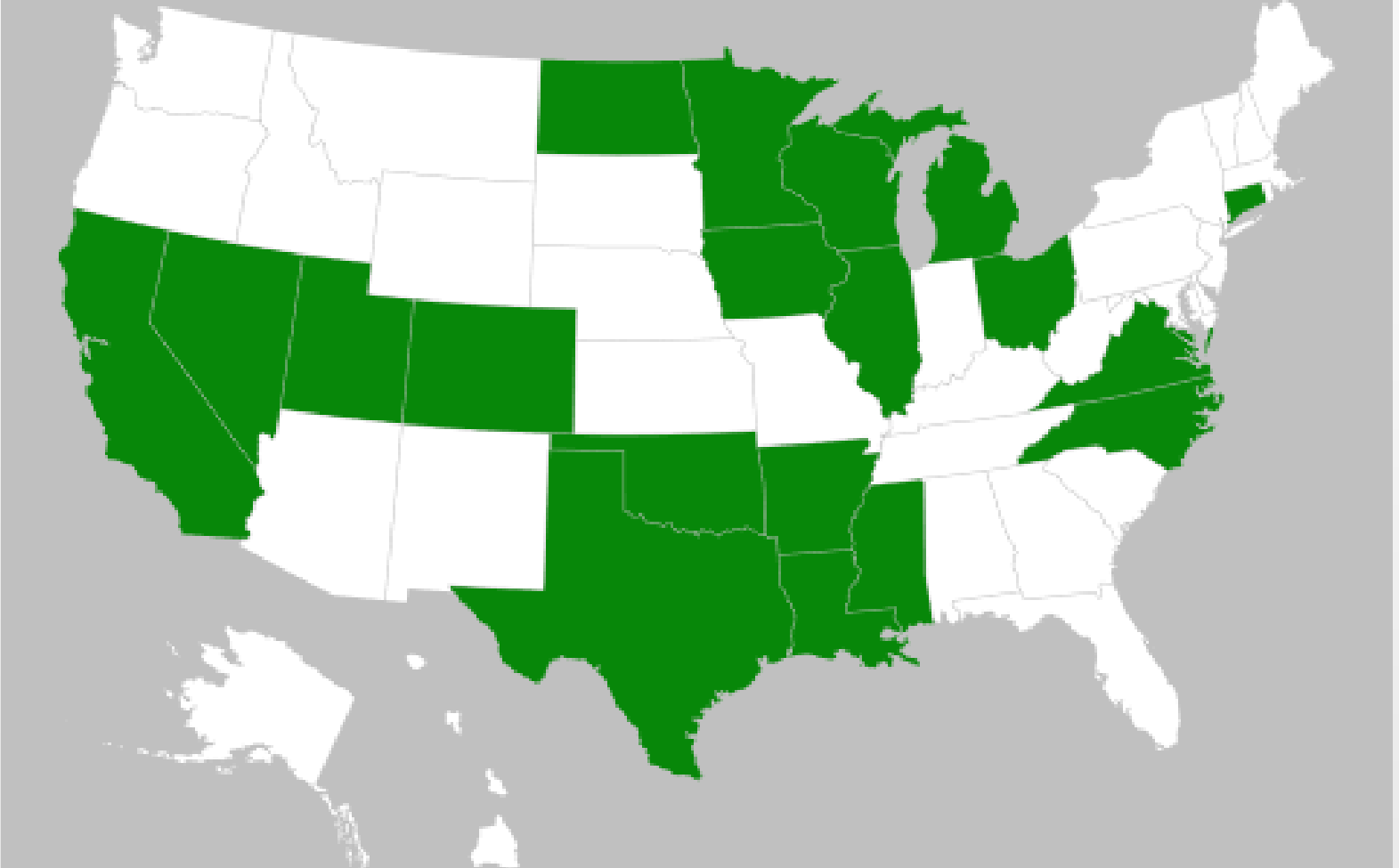



2016 TAM Conference Pooled Fund Partners





TAM Implementation Issue Survey Results

Matt Haubrich

Iowa DOT

July 10, 2016



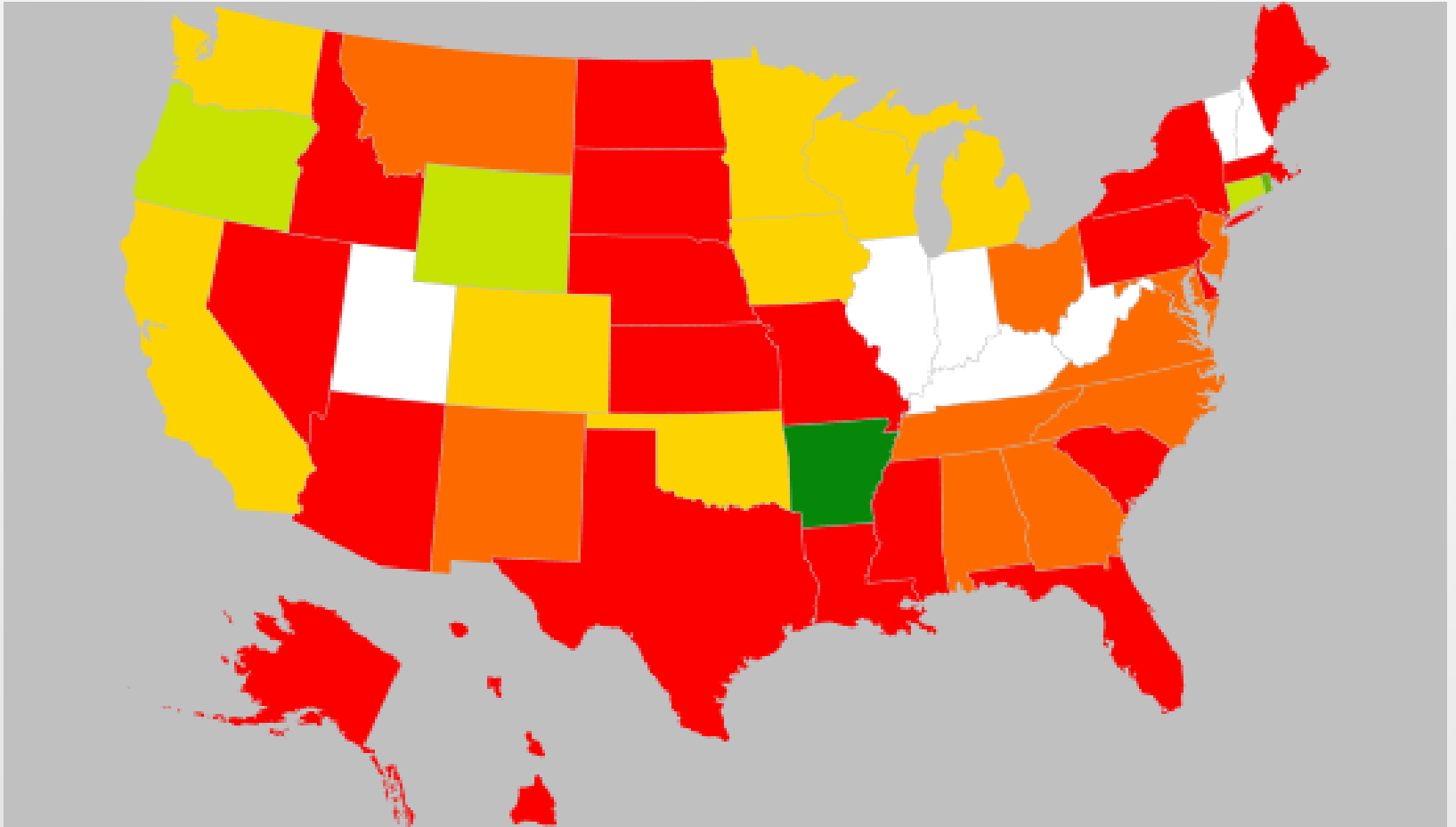
Purpose

- This survey was intended to track TAM issue importance and to assist in planning for the Minneapolis Conference
 - Individual people, not states
- Extends previous surveys performed with Pooled Fund states
 - March 2012 (San Diego)
 - Feb 2013 (Miami)
 - Nov 2014 (Denver)

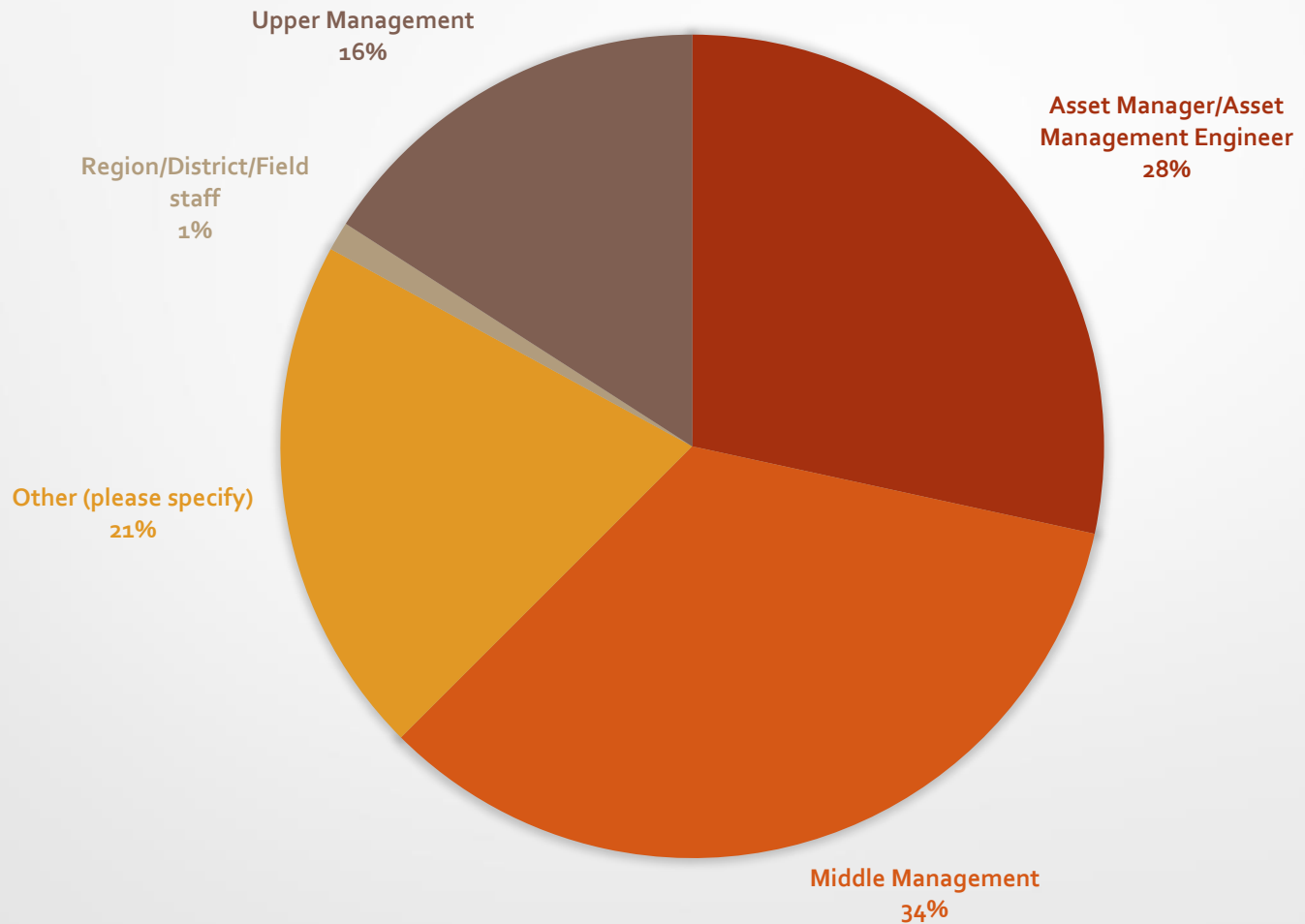
Format

- Seven Questions
 - Four about who is responding (name/agency/position/TAM role)
 - Three about issues
 - Rating interest in 19 topic areas on a 4-point scale
 - Top three challenges to TAM implementation (open-ended)
 - Most pressing TAM issue (open-ended)
- Web-based (SurveyMonkey)
- Response
 - 2012 survey had 23 responses from 12 states (all but one were pooled fund members)
 - 2013 survey had 15 responses from 12 states (all TPF members)
 - 2014 survey had 63 responses from 34 states
 - 2016 survey had 88 responses from 44 states

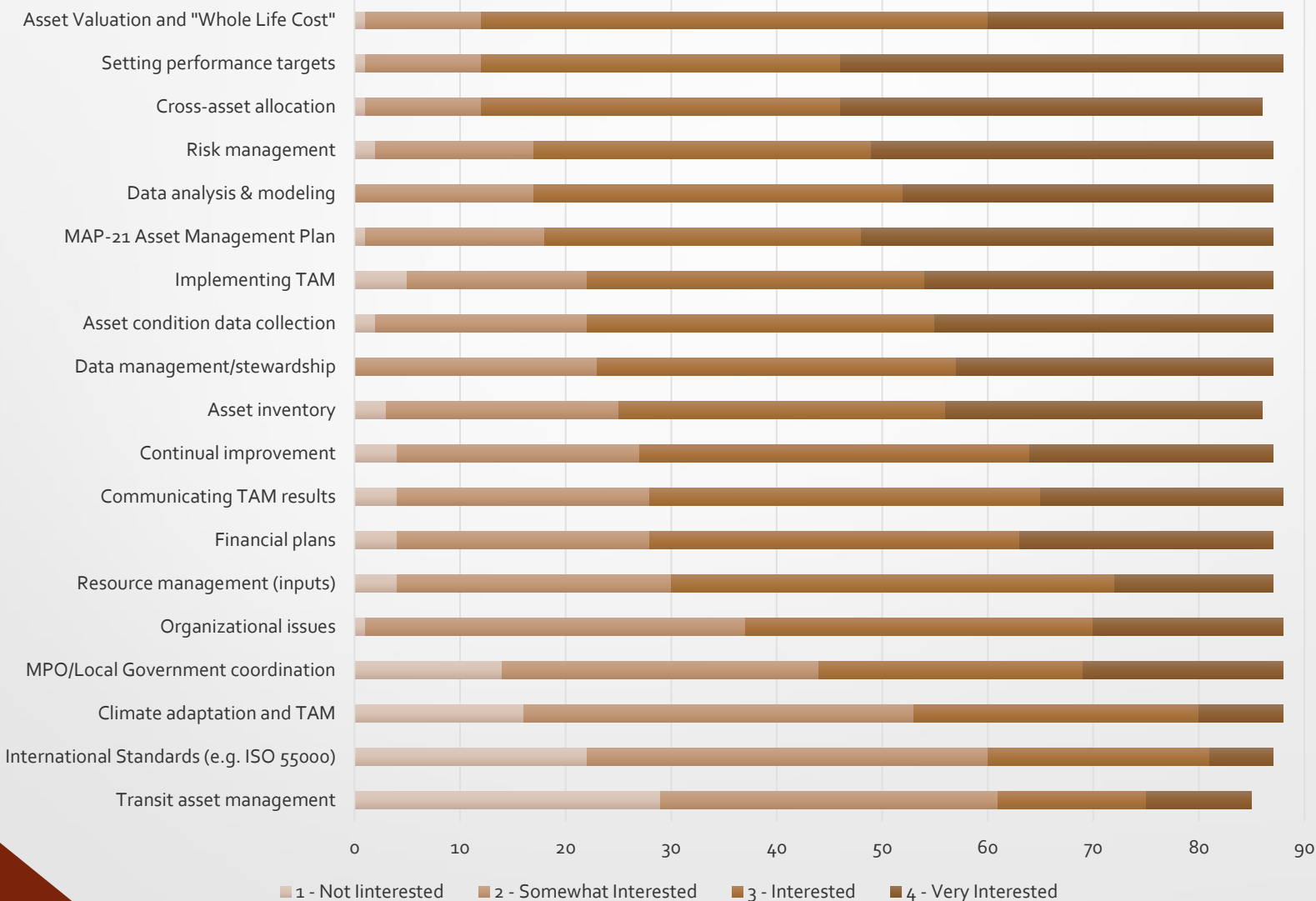
Who responded in 2016?



Who responded?



Topic Ratings



Top Five Rated

2014 Survey

1. Setting Performance Targets
2. MAP-21 TAMP
3. Implementing TAM
4. Cross-asset Allocation
5. Data Management/Stewardship

2016 Survey

1. Asset Valuation and “Whole Life Cost” (*new topic*)
2. Setting Performance Targets
3. Cross-asset Allocation
4. Risk Management
5. Data Analysis & Modeling

Free-form responses

Q5: What are the three biggest challenges that your agency is dealing with in the implementation of transportation asset management?

The more specific the answer you can provide the better. Everyone would like more time/money/staff resources, but what are some specific issues related to implementation that have been significant barriers for your agency?

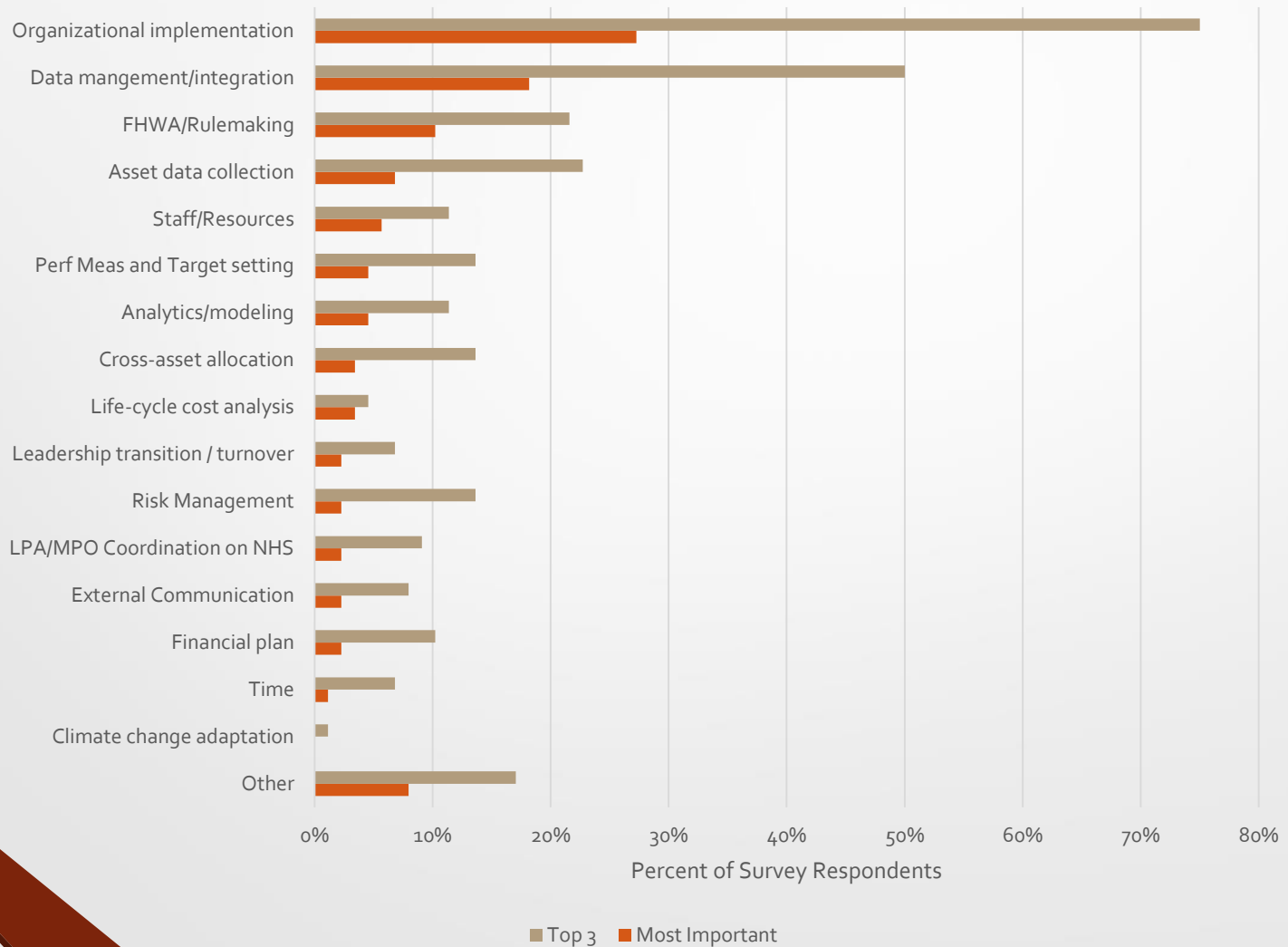
- All but one of the survey-takers offered at least one challenge
 - a total of 242 text responses were collected
- Grouped and coded
- A comment might fit into more than one category

Free-form responses

Q6: Of the three issues you listed in question 5, which one is the MOST pressing to you and why?

- 85 of 88 people offered a response
- Grouped and coded
- A comment might fit into more than one category

Challenges – free form response categories



Implementation

The most common challenge, mentioned by 75A% of respondents and indicated as a top challenge by over 25%, dealt with Implementation. Typical responses included:

- Organizational resource capabilities and culture
- Coordination of work that is a part of TAM that is traditionally done through other units/plans
- Agency understanding of importance and timeline
- Accountability of all responsible parties for implementing the TAMP

Data Management

Data management was mentioned by 50% of survey respondents and was a top concern for 18%:

- Data governance
- Data Management and centralization. Removing data silos so and integrating data into a central repository so cross asset allocation can occur.
- Legacy data systems
- Consistency in data

FHWA / Rulemaking

The next most common theme dealt with FHWA and the rulemaking process. This was mentioned by 22% and a top concern for 10%. Typical responses were:

- Unclear the time line. Can't push urgency with no final rule.
- Effort involved to have TAMP "certified" by FHWA
- The absence of details on the performance measures and asset management requirements are limiting the extent of work that can be done pending the final rules. This is leaving a lot of work to be done in a short period following the release of the final rules.
- Need for the final rules - everything is on hold until we receive the final rules.

Asset Data Collection

The collection of asset data was mentioned by 23% of respondents and was a top concern for 7%.

In some cases the comment referred to both asset data as well as coordination with local agencies, in which case the comment was coded to both themes.

- Collecting the right level of detail for assets
- Incomplete inventory
- lack of asset condition data for non-pavement and non-bridge highway assets

Staff / Resources

Staffing and resources was also mentioned frequently, as typified by these responses:

- Staffing to facilitate the transition to Asset Management and Performance Management.
- Resources - short staff, short budget
- Shrinking knowledge base - - key personnel retired



Future

- How to maintain a good distribution list?
- Sustainability?



Thanks!

Thanks to all of those who have helped with this survey!