



# HOUSEHOLD TRAVEL SURVEY STANDARDIZATION DISCUSSION

# INSTRUCTIONS

Break into 5 or less groups (Calculate group size live)

Hand out questions to each group.

Discuss all standardization questions.

Select two to three questions as a group to report back on (do not report on all questions to avoid repetitive discussion). Develop a 3-minute response for your consensus on the responses to these questions.

# TASK TIME SINKS

1. What tasks do you spend the highest share of your time on when working on travel survey–related projects?

# TASK BENEFIT OF STANDARDIZATION

- 2a. Rank the following tasks in terms of the BENEFIT of standardization for our field (1 = highest benefit, 8 = lowest benefit):
  - Weighting
  - Trip linking
  - Creation of unified final data schemas
  - Data cleaning
  - Visualization
  - Preparation for model estimation and calibration
  - Summarization procedures
  - Imputation

# TASK COST OF STANDARDIZATION

- 2b. Rank the following tasks in terms of the COST of standardization for our field (1 = highest cost, 8 = lowest cost):
  - Weighting
  - Trip linking
  - Creation of unified final data schemas
  - Data cleaning
  - Visualization
  - Preparation for model estimation and calibration
  - Summarization procedures
  - Imputation

# PROS AND CONS OF STANDARDIZING

3. What can be gained from standardization?

What are the downsides?

What are some challenges (e.g., across different regions/locales)?

# TOOLS OR STANDARDS FIRST?

4. Should we develop shared data standards or shared tools first for travel surveys as a field?

# MULTI-AGENCY COLLABORATIVE FUNDING

5. How can a multi-agency group fund collaborative efforts for standardization?

What role would such a group play in standardization?

Examples of collaboration include:

- ActivitySim (multiple agencies pooled funds to build a travel modeling system)
- GMNS / Network Wrangler (funded by multiple agencies + NSF)
- Fast-Trips (funded by multiple agencies + FHWA SHRP2)
- VisionEval
- TMIP-EMAT

## OTHER WAYS TO COLLABORATE

6. What are other ways to collaborate for standardization?



THANK YOU!

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