

MAYORS' CHALLENGE FOR SAFER PEOPLE & SAFER STREETS

SUMMIT WORKSHEET

Challenge Activity 3: **Gather And Track Data**

Pedestrian and bicycle data programs should be initiated or expanded to better understand walking and bicycling activity levels (i.e. volume), crash location and circumstances, and existing and proposed infrastructure. This data will enable more informed decision-making such as targeting improvements where the need is the greatest.

What information needs to be gathered?

Data collection should include:

- Number of bicyclists and pedestrians
- Inventory of bicycle and pedestrian facilities such as bike lanes and sidewalks
- Description of trip and travel routes, including access to transit
- Crash and injury data

How do we collect biking and walking data?

- Count the number of people walking and biking
- Use count methods that are compatible and consistent to support national data collection
- Collect information on the extent of non-motorized networks and their use in accessing public transportation networks
- Gather crash and injury data for non-motorists

What resources are available to help us gather biking and walking information?

U.S. DOT Resources

- FHWA
 - FHWA's 2013 edition of the Traffic Monitoring Guide provides the most up to date guidance to State highway agencies in the policies, standards, procedures, and equipment typically used in a traffic monitoring program.

Stakeholder Organization Resources

- Institute of Transportation Engineers
 - Trip Generation Manual, 9th Edition
- National Cooperative Highway Research Program
 - Report 797, Guidebook on Pedestrian and Bicycle Volume Data Collection
- Pedestrian and Bicycle Information Center
 - Planning and Data Collection Tools

What data sources are readily available?

U.S. DOT Resources

- NHTSA
 - Bicycle Traffic Safety Fact Sheet (2012)
 - Pedestrian Traffic Safety Fact Sheet (2013)
- National Household Travel Survey (NHTS):
 - A survey conducted by USDOT, which collects information on travel and transportation patterns in the U.S., providing data on number of trips, by mode, purpose, trip length, and geographic area with demographic characteristics (e.g. age, sex, & income). Last conducted in 2009.

Stakeholder Organization Resources

- Alliance for Biking and Walking
 - Bicycling and Walking in the United States: 2014 Benchmarking Report
- Smart Growth America
 - Dangerous by Design
- American Community Survey (ACS):
 - An ongoing survey conducted by the Census Bureau that collects demographic, social, economic, and housing data every year. The Census Transportation Planning Products (CTPP) module provides information about where people live and work, their journey to work, commuting patterns, and the modes they use for getting to work.

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Discussion

1. *Inventory & Planning*

- What are our current activities related to gathering and tracking walking and biking data?
- How do we want to use the data?
- What are opportunities to expand or initiate data gathering and tracking?
Potential challenges/constraints:

2. *Outreach:*

- Potential partners, opportunities to leverage other activities or resources: