

# Minutes of Subcommittee on Truck and Bus Safety Data Needs

[www.ugpti.org/trb/truckandbus/subcommittees/](http://www.ugpti.org/trb/truckandbus/subcommittees/)

January 24, 2011  
3:45PM – 5:30PM  
Marriott Wardman Park Hotel, Washington, DC

Brenda Lantz, Chair

1. Welcome and Introductions
2. Review / discuss the goal(s) of the subcommittee
  - a. The group discussed the proposed mission statement and scope of the subcommittee:

**Mission Statement:**  
The ANB70 Data Needs Subcommittee exists to document and propose solutions to gaps in the available data to support analysis of truck and bus safety.

**Scope:**  
The scope of the ANB70 Data Needs Subcommittee is all data containing information related to truck and bus safety. This includes information about driver, vehicle, environmental factors and their interactions. Information useful in safety research may include, but not be limited to, crash records and associated traffic records data sources (roadway, driver, vehicle, citation/adjudication, and injury surveillance systems), exposure data (e.g., travel data, demographic information and population statistics), and data from commercial motor vehicle and driver inspections and motor carrier reviews.
  - b. The group agreed with the mission statement and scope as written.
3. Review / discuss the draft Truck and Bus Data Needs document (handout – posted on web site) - What needs more information?; What is missing?; Suggestions for how to collect data needed?
  - a. State and Local Records
    - i. There is a problem matching different state data because each state reports different levels of data detail.
    - ii. MMUCC Revision ([www.mmucc.us](http://www.mmucc.us))
      1. What attributes (e.g. driver related factors) does the Truck and Bus research community need?
      2. What kind of roadway data would the community like to see on the state level?
      3. Training – how much training did the driver have?
    - iii. Data integrity in databases (e.g. there are different crash counts between datasets – state versus national). These differences may be due to differences in crash definitions.
    - iv. A need for more consistency with post-crash inspections; and determination if the crash caused any violation discovered or if they were present prior to the crash.
  - b. Driver/Vehicle/Carrier Data

- i. Inspection and compliance
    - 1. California has a detailed database of their carriers' records through their BIT inspection program.
  - ii. Driver history
    - 1. FMCSA Driver Information Resource – driver data from roadside inspections and reported crashes
    - 2. State police records / citations
    - 3. Court records
  - iii. Vehicle Registration, title, and tax records
    - 1. VMT – in MCMIS, is this validated or cross-referenced with other databases?
  - iv. CMV Carriers
  - v. Roadway
  - vi. Injury Surveillance Systems
    - 1. Rehab
    - 2. Injury associated with further medical care through primary care physicians
    - 3. NEMSIS
    - 4. FACE (fatalities)
    - 5. CFOI
    - 6. Death Certificate records
  - vii. Other
    - 1. Driver surveys
    - 2. Safety management surveys
- 4. Discuss possible research needs statements that could be developed and submitted - Ron Knipling submitted one regarding motor carrier surveys to review; Other suggestions?
  - a. Research Needs: Survey Methodology
    - i. Major Issue: getting a representative sample of carriers
    - ii. MCMIS-based (i.e. Form MCS-150)?
      - 1. In MCMIS there are about 500,000 operating carriers, but there is no requirement for carriers to update their address/contact information when they go out of business or move
    - iii. Good potential source: Unified Carrier database
    - iv. Surveys are primarily convenience samples for motor carriers.
  - b. Exposure data to support improved truck crash rate risk estimates
    - i. Time of day crash rate (i.e. day vs. night)
      - 1. Can possibly get this data from dispatch records directly from motor carriers
    - ii. Hard getting information regarding the types of operations
      - 1. VMT interstate versus urban areas
      - 2. Utility trucks versus over the road
  - c. Could provide better guidance for an annual census update by carriers

- d. As part of the New Entrant program, could gather more information regarding the company
- 5. Open discussion regarding next steps
  - a. The group agreed to further review the draft data needs document, and submit any other areas missing or suggestions.
  - b. Brenda asked the group to submit information and/or web site links for any of the data sources discussed. These will be posted on the Resources page of the web site ([www.ugpti.org/trb/truckandbus/resources/](http://www.ugpti.org/trb/truckandbus/resources/)).
  - c. Brenda will be looking for volunteers to begin drafting research needs documents based on the discussion.
- 6. The meeting adjourned