

Associated Analyses and Reports

The State Data System has been used in the following:

- Investigating the relative risk of subject and peer vehicles to support NHTSA's defect investigation program.
- Firestone/Ford Explorer Analysis.
- Crashworthiness analysis.
- Rollover analysis – “Statistical Analysis of Vehicle Rollover Propensity and Vehicle Stability, Auto & Traffic Safety”, DOT HS 808 114, May 1994; “The Rollover Propensity of Fifteen-Passenger Vans”, Research Note, April 2001.
- Anti-lock braking system analysis – “Preliminary Evaluation of the Effectiveness of Antilock Brake Systems for Passenger Cars”, DOT HS 808 206, December 1994; “An Analysis of the Crash Experience of Light Trucks Equipped with Anti-Lock Braking Systems”, DOT HS 808 278, May 1995; “An Analysis of the Crash Experience of Passenger Cars Equipped with Anti-Lock Braking Systems”, DOT HS 808 279, May 1995.
- Comparative analysis – “General Estimates System Alternatives”, DOT HS 808 340, February 1996; “Rural and Urban Crashes: A Comparative Analysis”, DOT HS 808 450, August 1996.
- Other reports:
 - “Federal Motor Vehicle Safety Standards: Rollover Resistance”, June 2000.
 - “A Preliminary Assessment of the Crash-Reducing Effectiveness of Passenger Car Daytime Running Lights (DRLs)”, DOT HS 808 645, June 2000.
 - “Effectiveness of Lap/Shoulder Belts in the Back Outboard Seating Positions”, DOT HS 808 945, June 1999.
 - “The Long Term Effectiveness of Center High Mounted Stop Lamps in Passenger Cars and Light Trucks”, DOT HS 808 696, March 1998.
 - “Relationship Between Vehicle Size and Fatality Risk in Model Year, 1985-93 Passenger Cars and Light Trucks”, DOT HS 808 570, January 1997.

ASSOCIATED ANALYSES AND REPORTS

- “Estimating the Injury-Reducing Benefits of Ejection-Mitigating Glazing”, DOT HS 808 369, February 1996.
- “An Analysis of Fires in Passenger Cars, Light Trucks and Vans”, DOT HS 808 208, December 1994.
- “Rail-Highway Crossing Safety: Fatal Crash and Demographic Descriptors”, DOT HS 808 196, November 1994.
- “Safety Impact of Permitting Right Turn on Red”, A Report To Congress, August 1994.
- “An Evaluation of the Effects of Glass-Plastic Windshield Glazing in Passenger Cars”, DOT HS 808 062, November 1993.
- “Motor Vehicle Fires in Traffic Crashes and the Effects of Fuel System Integrity Standard”, DOT HS 807 675, November 1990.