Actions needed by States

HIGHWAY

Improve Child Occupant Protection

- Enact State laws requiring booster seats for young children up to age 8.

Enact Primary Seat Belt Enforcement Laws

- Increase number of people who wear seat belts through stronger enforcement laws that don't restrict officers to observing another offense first.

Eliminate Distractions for Young Drivers

- Prohibit use of interactive wireless communications devices by young novice drivers.
- Restrict the number of teen passengers traveling with young novice drivers.
- Enact graduated driver licensing legislation.

Eliminate Hard Core Drinking Driving

- Enact legislation to reduce crashes involving repeat offenders who drink large amounts of alcohol, including:
  - Frequent, statewide sobriety checkpoints.
  - More effective measures (sanctions/treatment) for first time arrests with high blood alcohol concentration and repeat offenders.
  - Zero blood alcohol requirement for those already convicted of driving while intoxicated.
  - Administrative license revocation for refusing to take or failing an evidential test for alcohol.
  - Vehicle sanctions for DWI offenders to separate drinking from driving.
  - Elimination of plea-bargaining DWI offenses and programs that divert offenders and purge offense records.
  - DWI offense records retention for at least 10 years to identify repeat offenders.
  - Special sanction court-based programs such as DWI courts for hard core DWI offenders.

MARINE

Enhance Recreational Boating Safety

- Require mandatory education of boat operators.
- Require use of life jackets by children.

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NTSB MOST WANTED LIST

Transportation Safety Improvements

2009 - 2010

Critical changes needed to reduce transportation accidents and save lives.

NTSB MOST WANTED LIST

RAIL: The Federal Transit Administration should:

Improve Transit Railcar Design

- Provide adequate means for safe and rapid emergency responder entry and passenger evacuation.
- Prevent the telescoping of transit railcars in collisions.
- Remove equipment that cannot be modified to meet the new standards.

MARINE: The U. S. Coast Guard should:

Require Safety Management Systems (SMS) for Domestic Vessels

- Require domestic vessel operators to develop, implement, and maintain a systematic and documented SMS to improve their safety practices and minimize risk.

Reduce Accidents and Incidents Caused by Human Fatigue in the Marine Industry

- Set working hour limits for mariners based on fatigue research, circadian rhythms, and sleep and rest requirements.

AVIATION: The Federal Aviation Administration should:

Improve Oversight of Pilot Proficiency

- Evaluate prior flight check failures for pilot applicants before hiring.
- Provide training and additional oversight that considers full performance histories for flight crewmembers demonstrating performance deficiencies.

Require Image Recorders

- Install crash-protected image recorders in cockpits to give investigators more information to solve complex accidents.

Improve the Safety of Emergency Medical Services (EMS) Flights

- Conduct all flights with medical personnel on board in accordance with stricter commuter aircraft regulations.
- Develop and implement flight risk evaluation programs for EMS operators.
- Require formalized dispatch and flight-following procedures including up-to-date weather information.
- Install terrain awareness and warning systems (TAWS) on aircraft used for EMS operations.

Improve Runway Safety

- Give immediate warnings of probable collisions/incursions directly to flight crews in the cockpit.
- Require specific air traffic control (ATC) clearance for each runway crossing.
- Require operators to install cockpit moving map displays or an automatic system that alerts pilots when a takeoff is attempted on a taxiway or a runway other than the one intended.
- Require a landing distance assessment with an adequate safety margin for every landing.

Reduce Dangers to Aircraft Flying in Icing Conditions

- Use current research on freezing rain and large water droplets to revise the way aircraft are designed and approved for flight in icing conditions.
- Apply revised icing requirements to currently certificated aircraft.
- Require that airplanes with pneumatic deice boots activate the boots as soon as the airplane enters icing conditions.

Actions needed by Federal Agencies

Improve Crew Resource Management

- Require commuter and on-demand air taxi flight crews to receive crew resource management training.

Reduce Accidents and Incidents Caused by Human Fatigue in the Aviation Industry

- Set working hour limits for flight crews, aviation mechanics, and air traffic controllers based on fatigue research, circadian rhythms, and sleep and rest requirements.
- Develop a fatigue awareness and countermeasures training program for controllers and those who schedule them for duty.
- Develop guidance for operators to establish fatigue management systems, including a methodology that will continually assess the effectiveness of these systems.

HIGHWAY: The Federal Motor Carrier Safety Administration should:

Prohibit Cell Phone Use by Motorcoach Drivers

- Prohibit commercial driver's license (CDL) holders driving under the authority of the passenger-carrying or school bus endorsement from using a cellular telephone.

Require Electronic Onboard Data Recorders to Maintain Accurate Carrier Records on Driver Hours of Service

- Improve collection and maintenance of data concerning hours of service (HOS) of motor carrier drivers by requiring use of electronic onboard recorders (EOBRs).

Improve the Safety of Motor Carrier Operations

- Prevent motor carriers from operating if they put vehicles with mechanical problems on the road or unqualified drivers behind the wheels.

Prevent Medically Unqualified Drivers from Operating Commercial Vehicles

- Establish a comprehensive medical oversight program for interstate commercial drivers.
- Ensure that examiners are qualified and know what to look for.
- Track all medical certificate applications.
- Enhance oversight and enforcement of invalid certificates.
- Provide mechanisms for reporting medical conditions.

The National Highway Traffic Safety Administration should:

Prevent Collisions by Using Enhanced Vehicle Safety Technology

- Reduce rear-end collisions through use of adaptive cruise control and collision warning system technologies.

Enhance Protection for Motorcoach Passengers

- Redesign motorcoach window emergency exits so passengers can easily open them.
- Issue standards for stronger bus roofs and require them in new motorcoaches.
- Devise new standards to protect motorcoach passengers from being thrown from their seats or ejected when a bus sustains a front, side, or rear impact or rolls over.

NTSB ACTION/TIMELINESS DESIGNATION

- Unacceptable response
- Acceptable response, progressing slowly
- Acceptable response, progressing in a timely manner