**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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**National Transportation Safety Board**

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**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.

**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