



National Transportation Safety Board

NTSB Ten Most Wanted Safety Improvements 2016

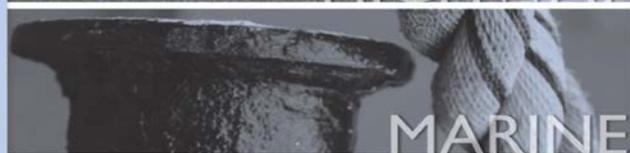


NTSB 2016

MOST WANTED LIST

OF TRANSPORTATION SAFETY IMPROVEMENTS

Critical changes needed to reduce transportation accidents and save lives



www.ntsb.gov/mostwanted

- Reduce Fatigue-Related Accidents
- Improve Rail Transit Safety Oversight
- Promote Availability of Collision Avoidance Technologies in Highway Vehicles
- Strengthen Occupant Protection
- Disconnect From Deadly Distractions
- Prevent Loss of Control In Flight In General Aviation
- Promote the Completion of Rail Safety Initiatives
- End Substance Impairment in Transportation
- Require Medical Fitness for Duty
- Expand use of Recorders to Enhance Transportation Safety



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DISCONNECT FROM DEADLY DISTRACTIONS



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Distraction is a growing and life-threatening problem in all modes of transportation. To reduce crashes and accidents and the resulting injuries and deaths, drivers and other operators must completely disconnect from an increasing variety of deadly distractions.



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REQUIRE MEDICAL FITNESS FOR DUTY



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The operation of complex machines requires the full cognitive and physical capabilities of the operators, maintenance personnel, and other individuals performing safety-critical functions.



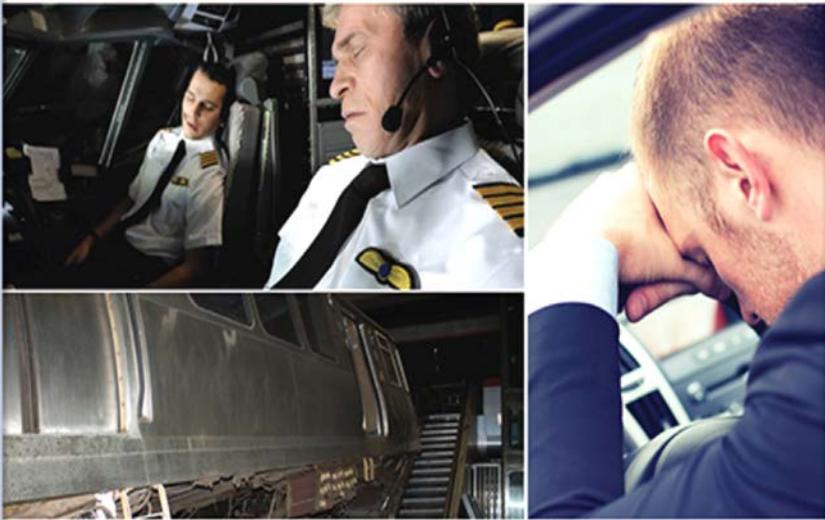
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REDUCE FATIGUE-RELATED ACCIDENTS



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The risks to public safety from operator fatigue are considerable. *Combating fatigue requires a comprehensive approach focused on research, education and training, technologies, treatment of sleep disorders, hours-of-service regulations, and on- and off-duty scheduling policies and practices.*



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STRENGTHEN OCCUPANT PROTECTION



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Proper use of occupant restraints is critical to surviving a crash. For vehicles in all modes of transportation, a key element to occupant protection is preserving survivable space and ensuring ease of evacuation.



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IMPROVE RAIL TRANSIT SAFETY OVERSIGHT



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Poor rail oversight has led to preventable rail accidents and deaths. Rail management and rail regulators must work to find solutions to address critical rail management safety issues; this means a new oversight authority and structure.



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PROMOTE COMPLETION OF RAIL SAFETY INITIATIVES



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New laws and rules concerning PTC and rail tank car design can protect the public from some of the worst rail accidents. But the railroads, which have a history of missing implementation deadlines, can't miss the next deadlines or even more people will die needlessly on or near our railroads.



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EXPAND USE OF RECORDERS TO ENHANCE TRANSPORTATION SAFETY



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Recorders can tell us why and how accidents happened. **With this critical information, we can develop ways to prevent such accidents from happening again.**



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PROMOTE AVAILABILITY OF COLLISION AVOIDANCE TECHNOLOGIES IN HIGHWAY VEHICLES



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Manufacturers can equip vehicles with the ability to sense an impending collision, warn the driver, and, if necessary, apply the brakes. This technology should be standard equipment, and regulators should make consumers aware of its benefits.



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