



ADVOCATES
FOR HIGHWAY
& AUTO SAFETY

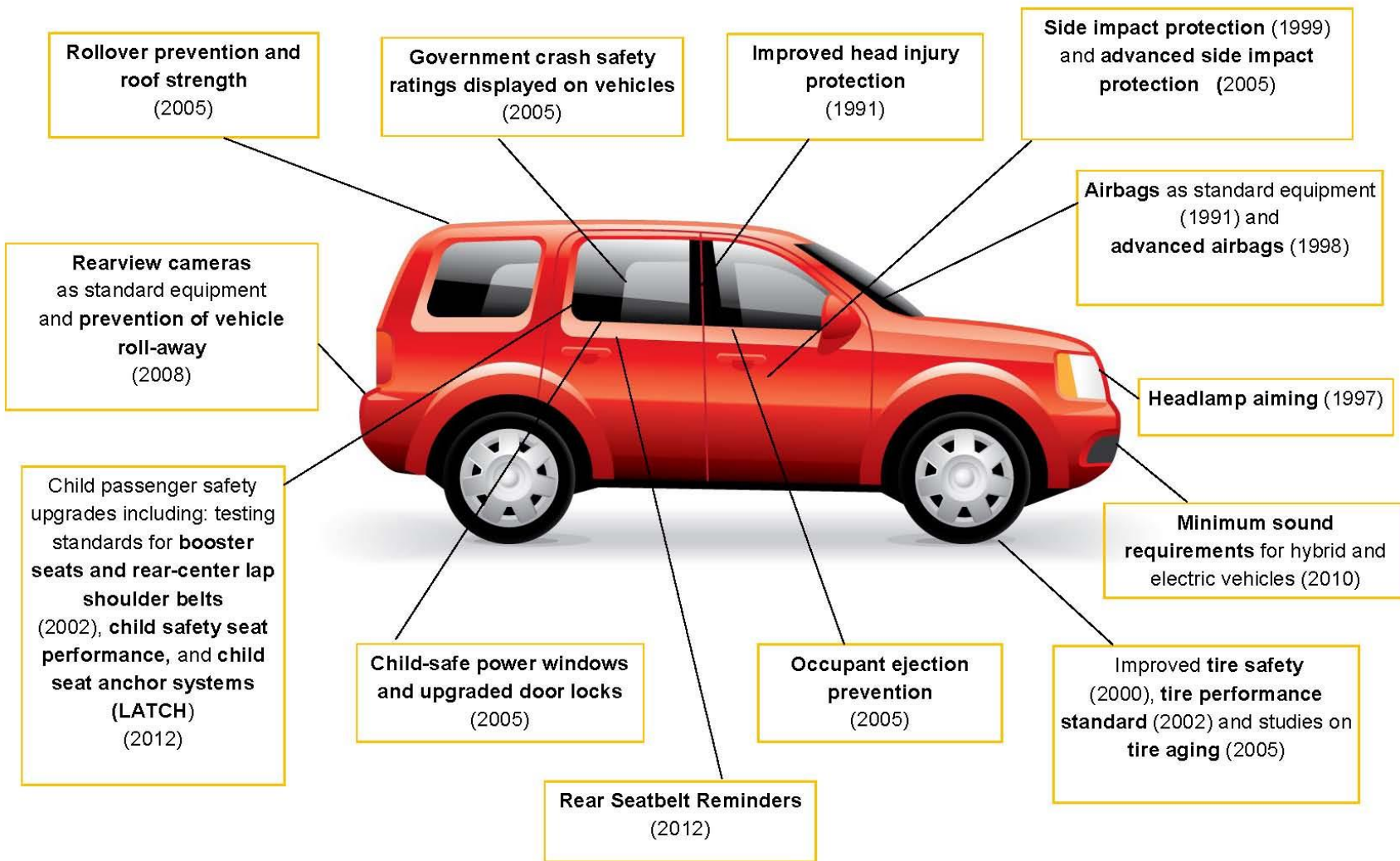
The Evolution of Mobile Devices, Driver Distraction and Countermeasures



Catherine Chase, President
July 24, 2020



Over 30 Years of Safety Advocacy





The Challenge of Driver Distraction

Distracted driving law loophole: FaceTime, video streaming is legal

Current Devices:

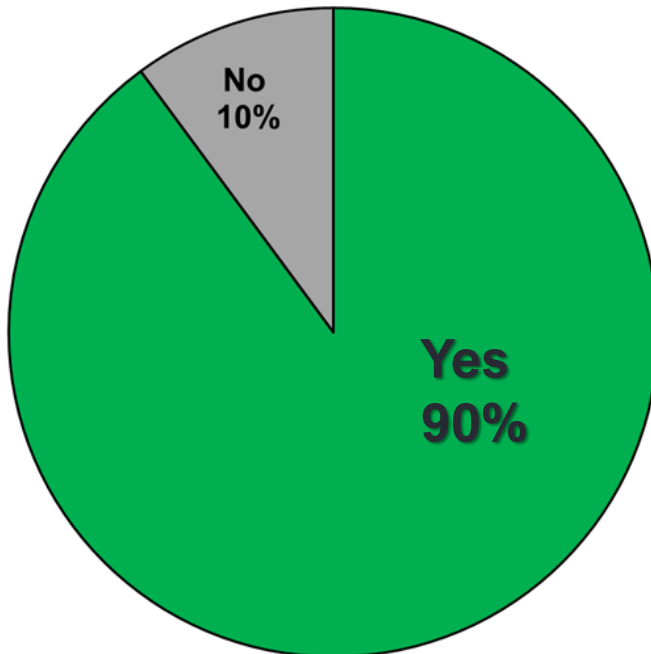
Watching Video, Video Conferencing, Playing Games, Voice Activation, Updating Social Media, Taking Video



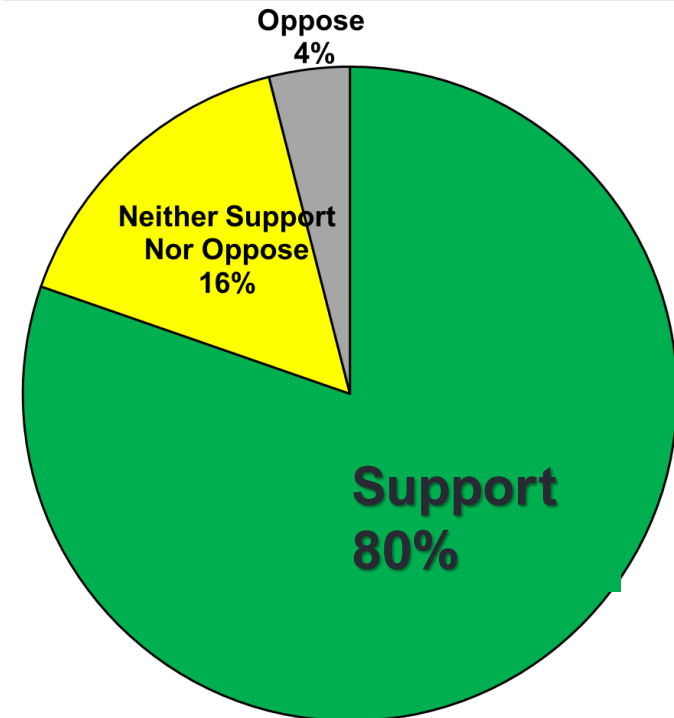
Early Devices:

Manual Texting While Driving, Voice Calls

The public supports passage of state laws to prohibit distracting activities behind the wheel while still allowing use of phones for getting directions.



Providing grant money to incentivize states to pass better laws to curb distracted driving is widely supported.





Safety Advances in H.R. 2

Distracted Driving Bills:

- **H.R. 2416** SAFE TO DRIVE Act
- **S. 4123** Stay Aware for Everyone Act
- **S. 2700/H.R. 4871** Protecting Roadside First Responders Act
- **H.R. 6284** 21st Century Smart Cars Act
- **H.R. 6256** Five-Stars for Safe Cars Act
- **H.R. 3773** Safe Roads Act of 2019
- **S. 2278/H.R. 3959** School Bus Safety Act of 2019



Proven and Emerging Vehicle Safety Technology

Forward collision warning



- ▼ 27% Front-to-rear crashes
- ▼ 20% Front-to-rear crashes with injuries
- ▼ 9% Claim rates for damage to other vehicles
- ▼ 16% Claim rates for injuries to people in other vehicles

Forward collision warning plus autobrake

- ▼ 50% Front-to-rear crashes
- ▼ 56% Front-to-rear crashes with injuries
- ▼ 13% Claim rates for damage to other vehicles
- ▼ 23% Claim rates for injuries to people in other vehicles



Lane departure warning

- ▼ 11% Single-vehicle, sideswipe and head-on crashes
- ▼ 21% Injury crashes of the same types

Blind spot detection

- ▼ 14% Lane-change crashes
- ▼ 23% Lane-change crashes with injuries
- ▼ 7% Claim rates for damage to other vehicles
- ▼ 8% Claim rates for injuries to people in other vehicles



Rear automatic braking

- ▼ 62% Backing crashes
- ▼ 12% Claim rates for damage to the insured vehicle
- ▼ 30% Claim rates for damage to other vehicles

Rearview cameras

- ▼ 17% Backing crashes

Rear cross-traffic alert

- ▼ 22% Backing crashes





NCOIL Model Distracted Driving Bill

Good Provisions:

- Retains texting ban
- Prohibits distracting viewing – exception for navigation systems
- Prohibits use while stopped in traffic
- Restricts hands-free use

Opportunity for Improvement:

- Require primary enforcement
- Add a GDL cell phone ban
- Remove language to explicitly permit hands-free use



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For more information please visit

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