

# Vehicle Safety Programs

Kicking the Tires

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# Today's Discussion Points

Why Fleet?

Vehicle Safety Benchmarks

15 Passenger Vans

Unconventional Vehicles

Next Steps

# Why a Fleet Discussion?

- Auto collisions are a **considerable risk** for members.
- There are *standing best practices* on driver safety programs and how to prevent collisions.
- Collisions can be *life-changing*.



# Who Are Your Drivers?

**FACILITIES**

*Faculty*

**EHS**

*Staff*

**Student Workers**

**Volunteers**



# *True or False?*

- 1. When a driver listens to conversation or music, the focus dedicated to driving decreases by 40%.*
- 2. Per the CDC, work related motor vehicle deaths are the second leading cause of American worker deaths, only after falls.*
- 3. The most frequent type of auto claim for MUSIC members is intersection collisions.*



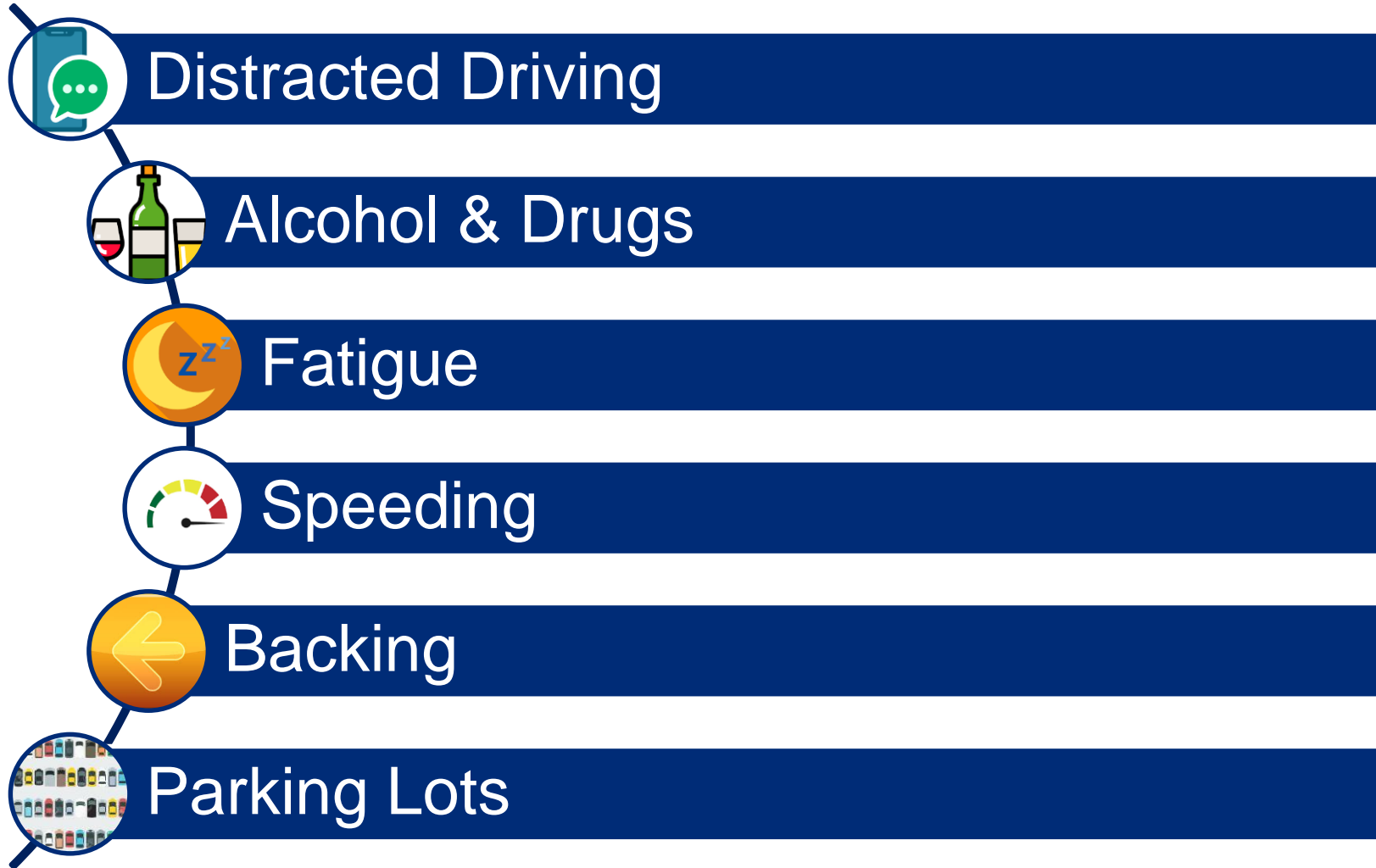
# M.U.S.I.C. Claims

## Most Frequent Types of Collisions



Note – photos are generic and not M.U.S.I.C. member vehicles

# Most Concerning Driver Behaviors





# So What's Needed?

## Vehicle Safety Program Policy & Procedure Needs

Organization &  
Administration

Driver  
Selection &  
Qualification

Driver  
Education

CDL Driver  
Needs

Vehicle Use  
Guidelines

Vehicle Use  
Agreements

Vehicle  
Selection

Vehicle  
Maintenance &  
Inspection

Collision  
Reporting &  
Recordkeeping

Non-road  
Vehicles (Golf  
Carts, etc.)

15 Passenger  
Vans

Bus Charters

# The Highlights



**Organization & Administration** – have a policy in place and someone responsible for fleet administration



**Driver Selection & Qualification** – MVRs and relevant driving history



**Driver Education** – general and specialized driver training with check for learning and documentation



**CDL Drivers** – limit CDL driver needs, must comply with DOT regulations

# The Highlights



**Vehicle Use Guidelines** – written driver regulations including seat belt and electronics use plus limits on distance



**Vehicle Use Agreements** – agreements for approved drivers, business only use and out of state use



**Vehicle Selection** – safety considerations impact purchasing and rental decisions



**Vehicle Maintenance & Inspection** – ongoing maintenance requirements and driver inspection

# The Highlights

-  **Collision Reporting & Recordkeeping** – collision documentation, internal investigation and preventative actions
-  **Non-road Vehicles** – types, safety equipment, licensing and education
-  **15-Passenger Vans** – experience, training and use
-  **Bus Charters** – procurement, licensing, emergency planning, indemnity and coverage

# 15 Passenger Vans – What's the Concern?

Designed to transport cargo -  
less rigorous standards

High center of gravity

Flat sides = instability  
in crosswinds





Distance between the front  
and tires = greater instability

Seating configurations places excess  
weight on left rear tire (walkway on right) =  
greater instability

# 15 Passenger Vans – NHTSA Says...

1. Experienced driver
2. Attention to driving
3. Reduce speed
4. Seat belts on everyone
5. Tires/tire pressure inspected, including spare
6. Restrict passenger count - > 5 increases risk exponentially & consider modifying seat removal to less than 12 passengers
7. Cargo placed forward of the rear axle and not on the roof
8. No 15-passenger van rental when out of the country

# What's Next?

## Higher Education Vehicle Program Safety Evaluation Form

Review Date:

Reviewer(s):

Best Practice	Meets/Doesn't Meet	Comments
<b>Organization and Administration</b>		
A documented vehicle operations policy exists and is reviewed annually	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input style="width: 50px;" type="text"/>
The Policy covers owned, rented, leased, and personal vehicles	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input style="width: 50px;" type="text"/>
The Policy applies to students, faculty, employees, and others, e.g., volunteers	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input style="width: 50px;" type="text"/>
The employs a Central Fleet Administrator that oversees acquisitions, borrowing, driver authorization, driver training	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input style="width: 50px;" type="text"/>
A Vehicle Safety Committee exists and meets regularly	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input style="width: 50px;" type="text"/>
<b>Driver Selection &amp; Qualification</b>		
Must be at least: <ul style="list-style-type: none"> <li>age 18 for in-state driving</li> <li>age 21 for out-of-state driving</li> </ul>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input style="width: 50px;" type="text"/>
Have at least two years of relevant driving experience in a similar vehicle	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input style="width: 50px;" type="text"/>
Must possess a valid US or Canadian Drivers License	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input style="width: 50px;" type="text"/>
Motor Vehicle Record (MVR) checks performed before first vehicle assignment	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input style="width: 50px;" type="text"/>

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# Evaluate where your institution has opportunities



# Resources

- 15-Passenger Vans, NHTSA, [15-Passenger Van Safety \(nhtsa.gov\)](https://www.nhtsa.gov/15-Passenger-Van-Safety).
- 100+ Car Accident Statistics, Brian Beltz, [Over 100 Car Accident Statistics for 2022 | U.S. and Global \(safer-america.com\)](https://safer-america.com/over-100-car-accident-statistics-for-2022/), March 25, 2021.
- Marsh Vehicle Safety, Select Best Practice Benchmarks, 2018.
- Motor Vehicle Safety at Work, CDC Website, [Motor Vehicle Crash Facts | NIOSH | CDC](https://www.cdc.gov/niosh/publications/motor-vehicle-crash-facts/).
- National Safety Council Website – Safety for all Roadway Users Page, [Safe Driving - National Safety Council \(nsc.org\)](https://www.nsc.org/safe-driving).





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