

Critical Issues for Autonomous Trucks...

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**American Transportation
Research Institute**

ATRI

Trucking industry's NFP research organization

- Safety
- Mobility
- Economic Analysis
- Technology
- Environment

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2016 Top Industry Issues

1. ELD Mandate
2. Hours-of-Service
3. Cumulative Economic Impact of Trucking Regulations
4. Truck Parking
5. Economy
6. CSA
7. Driver Shortage
8. Driver Retention
9. Transportation Infrastructure/ Congestion/ Funding
10. Driver Distraction

CRITICAL ISSUES IN THE TRUCKING INDUSTRY – 2016



Presented to the
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Top Issues Drivers vs. Carriers

Commercial Drivers

1. ELD Mandate
2. Hours-of-Service
3. Truck Parking
4. Cumulative Economic Impact of Trucking Regulations
5. Economy
6. CSA
7. Driver Retention
8. Sleep Apnea Rulemaking
9. FMCSA Mission
10. Driver Health/Wellness

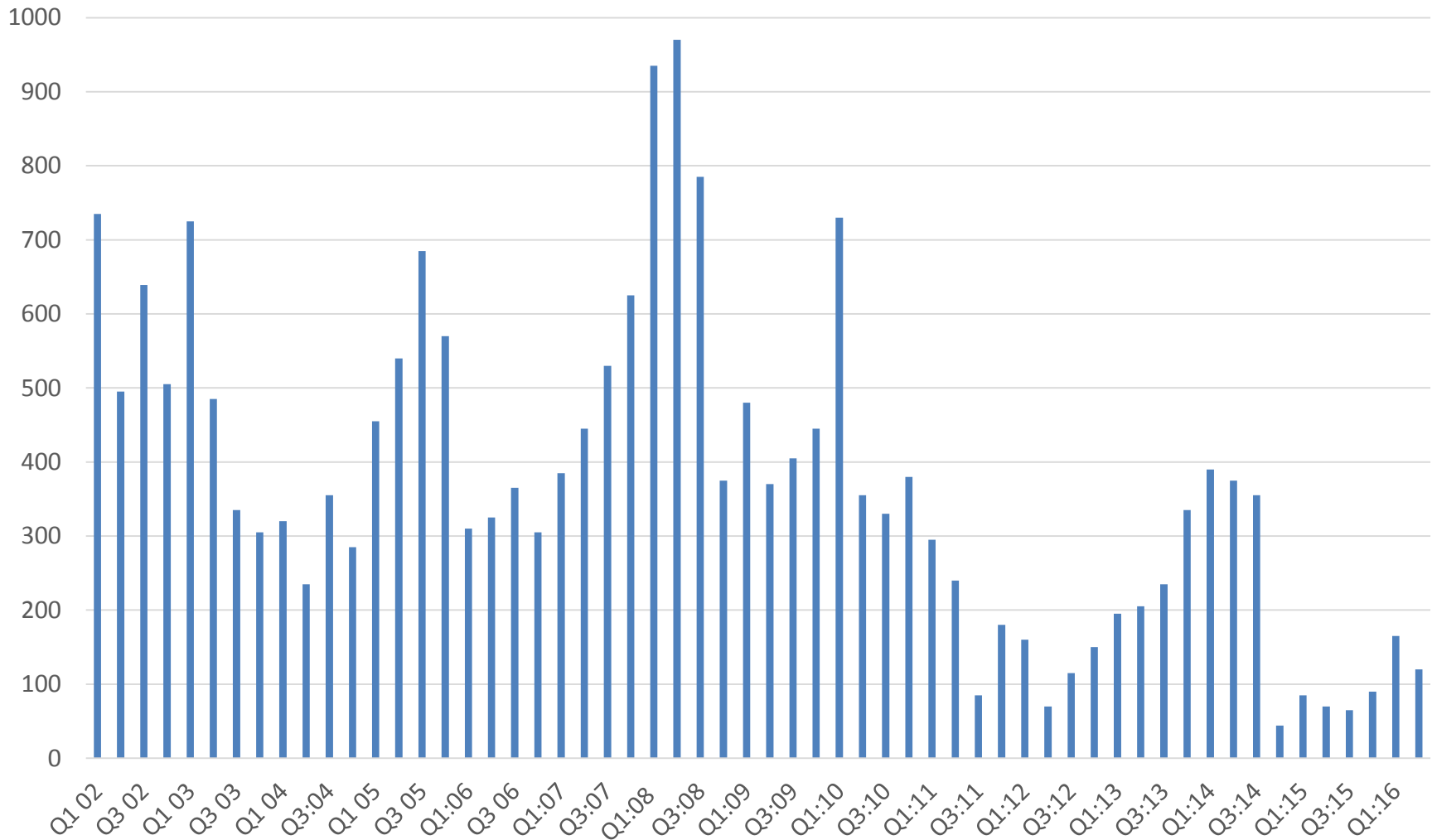
Motor Carrier Execs

1. Driver Shortage
2. ELD Mandate
3. Cumulative Economic Impact of Trucking Regulations
4. Economy
5. Hours-of-Service
6. Driver Retention
7. CSA
8. Transportation Infrastructure/ Congestion/ Funding
9. Federal Preemption of State Regulation of Interstate Trucking (F4A)
10. Driver Distraction

Safety Issues = Legal Issues...

- **Safety by the Numbers...**
- **Tort Issues will destroy the Best of Ideas**
 - ◆ **Negligence vs Liability**
- **Insurance is King**
- **Please Define "Autonomous"**
 - ◆ **Reign in "driverless car" PR**
 - ◆ **Smart Trucks Already Exist**
 - ◆ **DATP for a Reason!**
 - ◆ **CV vs AV = 5.9 vs Better?**

Trucking Failures Per Quarter

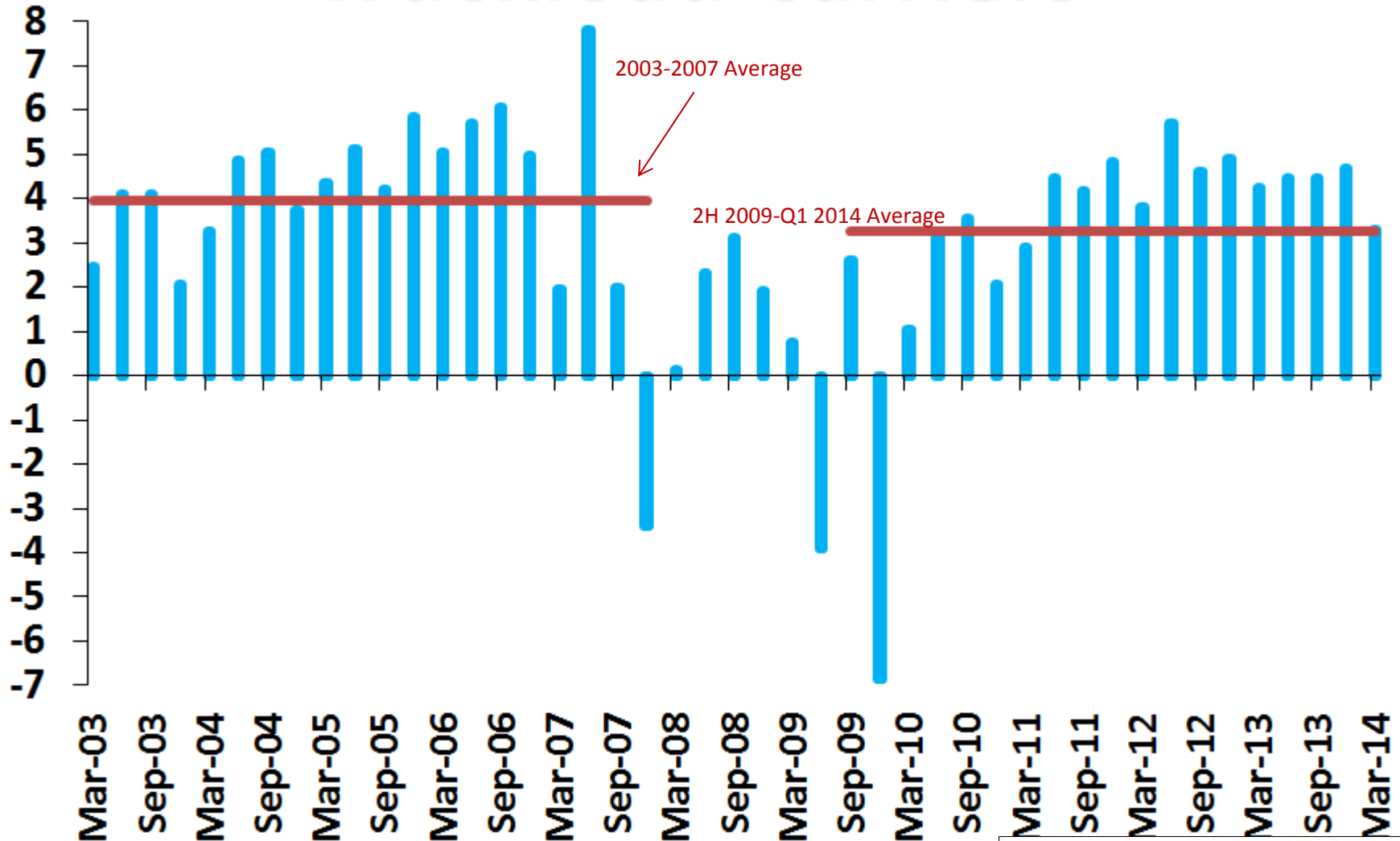


Source: Avondale Partners

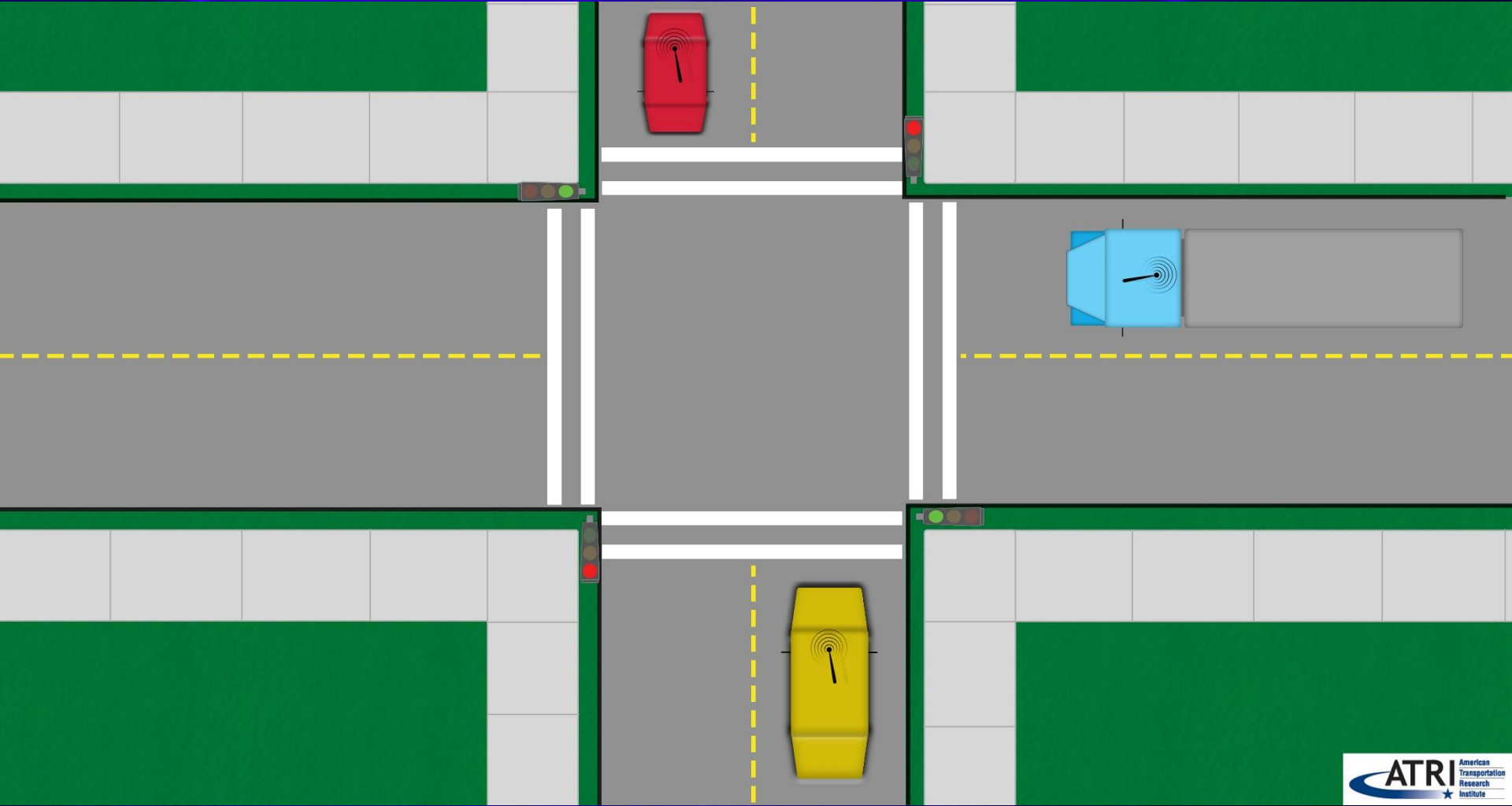


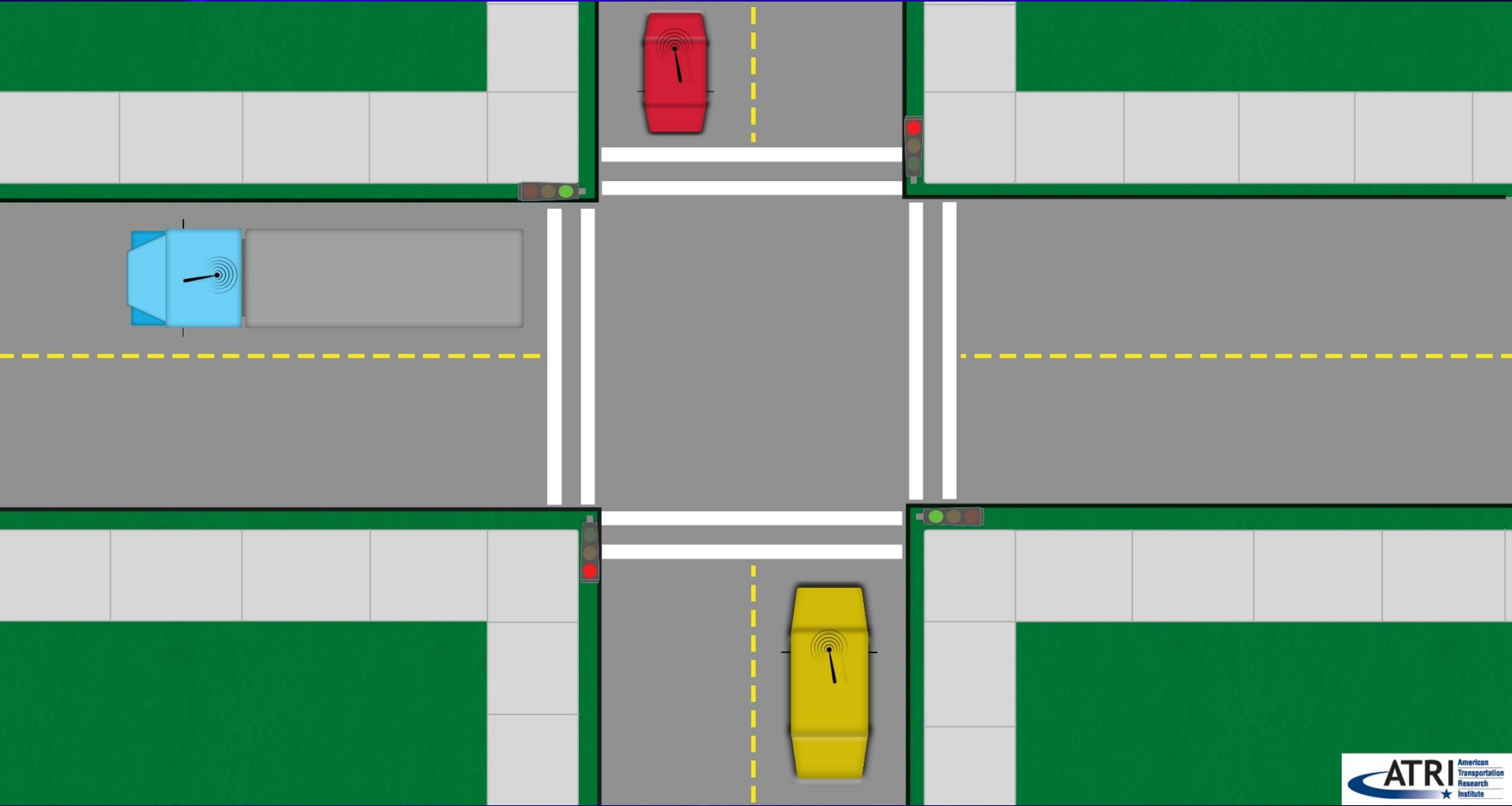
Profit Margins of Publicly Traded Truckload Carriers

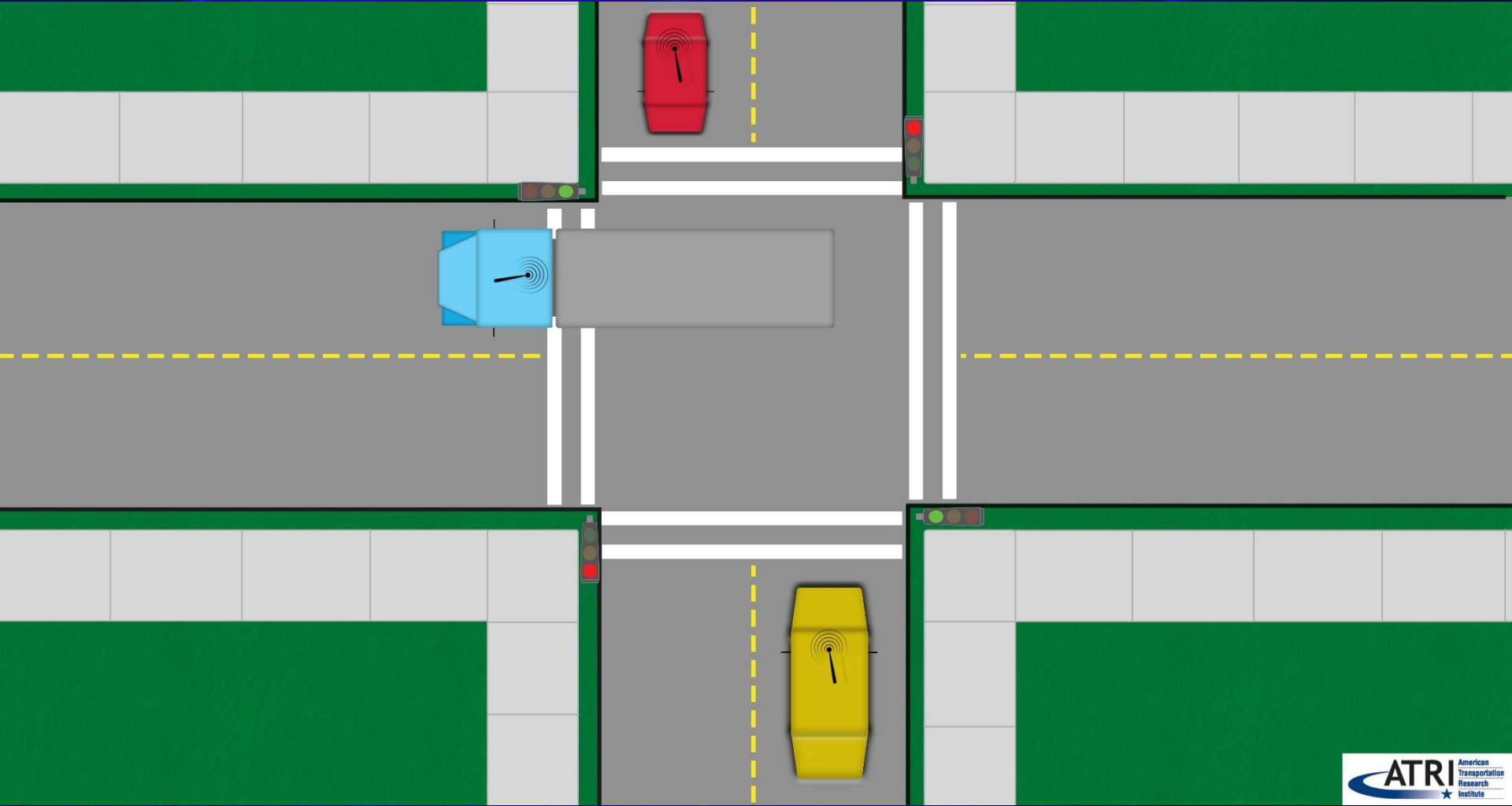
Percent



Source: ACT Research









What About ...

OTTO?

Questions?

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