

Trucking's Top Industry Issues

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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
American Trucking Associations

Prepared by
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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

ELD Mandate

- **Final Rule sets December 2017 deadline for ELD use by all drivers for HOS recording**
- **Concerns persist among drivers and carriers**
 - ◆ **Average cost of units \$495/truck**
 - ◆ **Productivity impacts estimated 3-5 percent; as much as 10 percent for small fleets**
 - ◆ **Use of data generated by ELDs; privacy, driver harassment**

Hours-of-Service

Assessing the Impacts of the 34-Hour Restart Provisions

June 2013



Prepared by the American Transportation Research Institute



- Analysis to quantify expected impacts of 34-hour restart changes
- 2,292 driver surveys
- 500+ carrier surveys
- Logbook analysis – 40k+ drivers



Hours-of-Service

Operational and Economic Impacts of the New Hours-of-Service

November 2013



Prepared by the American Transportation Research Institute



- Post-rules implementation data collection
- 2,370 driver surveys
- 446 carrier surveys
- Logbook analysis 40k+ drivers



34-Hour Restart Impacts



TECHNICAL MEMORANDUM: QUANTIFYING IMPACTS FROM THE 34-HOUR RESTART PROVISIONS

April 2015

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- Analyzed full year pre-/post-July 1, 2013 truck GPS and crash data
- Impacts on operations and safety
- RAC priority – 2014



Managing Critical Truck Parking

- **Truck Parking Diaries**
– launched March 21st
- **Drivers to keep 14 days of parking activity**
- **Includes when, where, how long to find a spot, how many spots occupied by non-CMV's, lost productivity**



TRUCK DRIVER DAILY PARKING DIARY



Thank you for participating in this important research. Your input is critical to the success of this study.

Please follow the instructions inside to provide 14 days of truck parking activity before returning the completed diary to ATRI.

WWW.ATRI-ONLINE.ORG

Name: _____

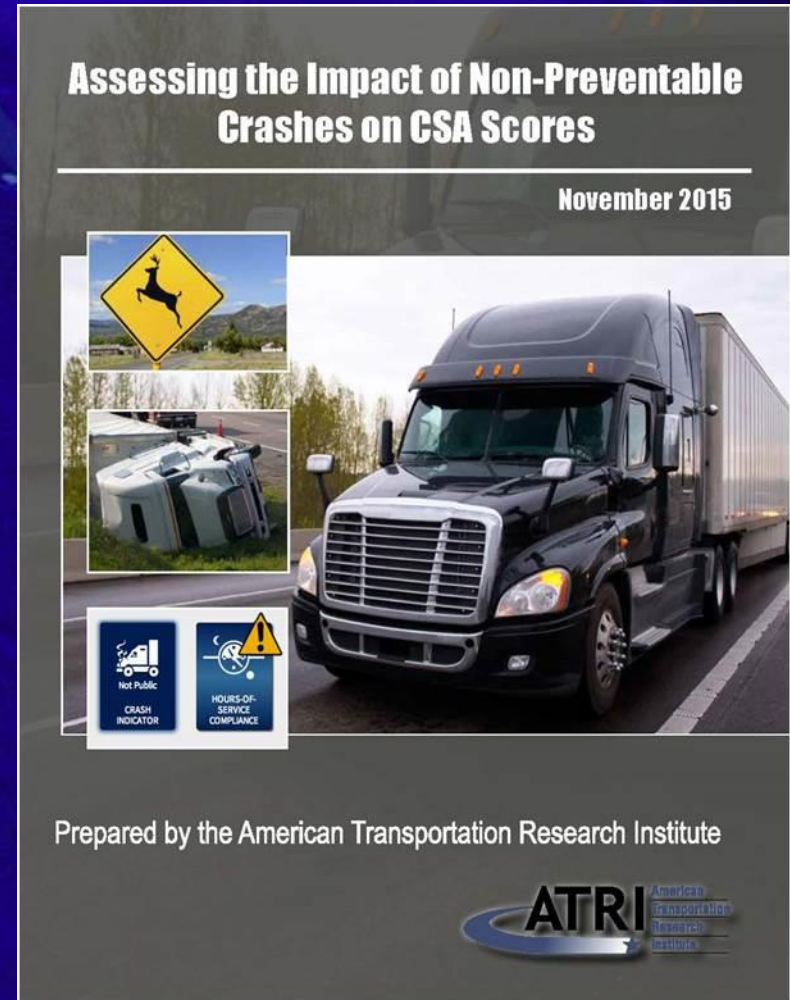
Email: _____

For questions or more information, contact ATRI at 770-432-0628 ext. 1 or ATRI@trucking.org.



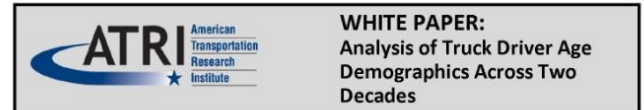
Crash Accountability

- **Top RAC priority 2013**
- **Analysis completed for 15 carriers using five crash types**
 - ◆ **Being hit by another driver who was under the influence of drugs or alcohol**
 - ◆ **Another driver running a stop sign or light and hitting your truck**
 - ◆ **Being hit while legally parked**
 - ◆ **Collisions with an animal in the roadway**
 - ◆ **Collisions involving a pedestrian attempting to commit suicide by truck**



Analysis of Truck Driver Age Demographics Across Two Decades

- Identified as a top RAC priority – 2013
- Released December 2014
- Analysis of U.S. Census Bureau data
- Examines demographic trends in driver workforce with implications for future



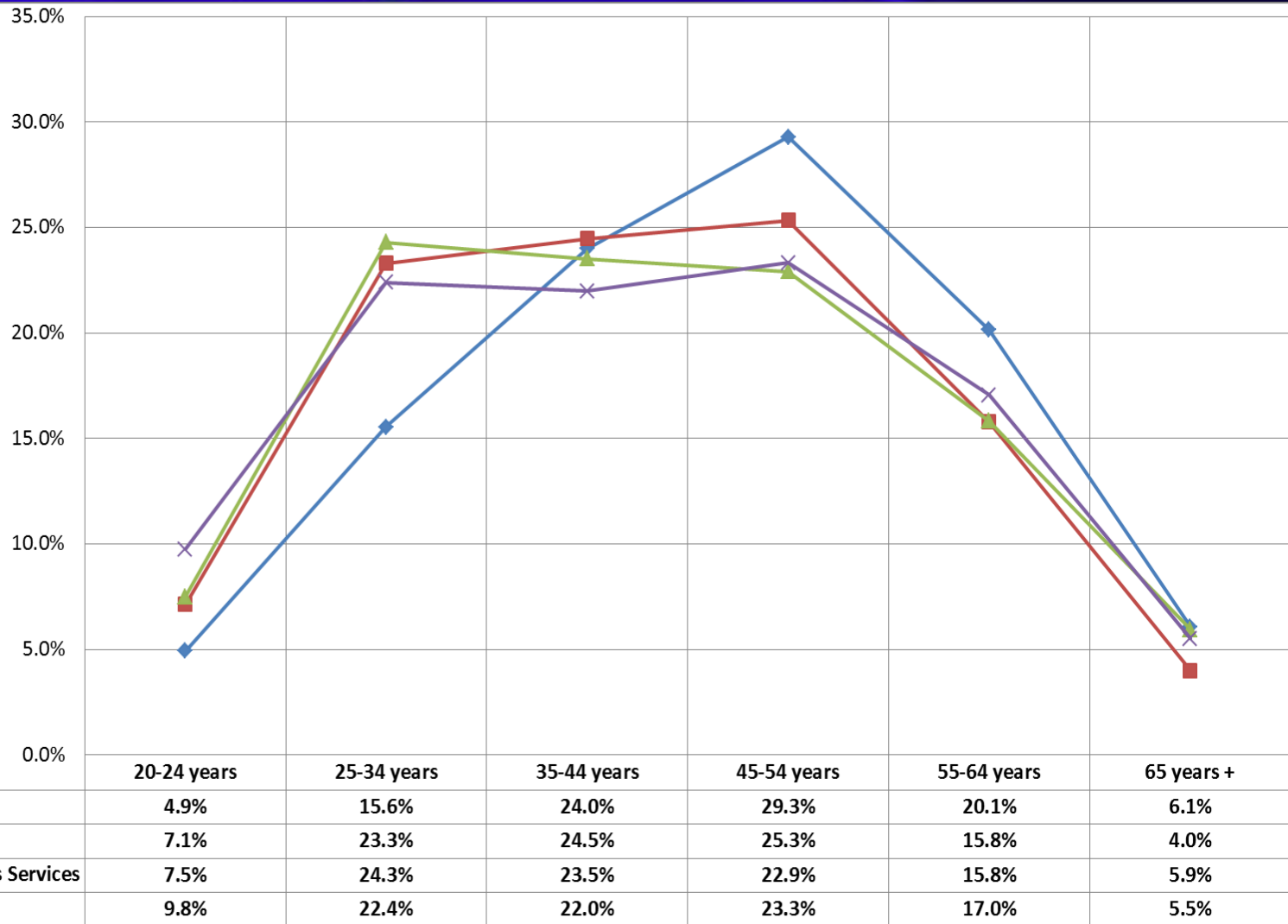
December 2014

Jeffrey Short
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Truck Driver Age Demographics

Percent of Total Industry Group



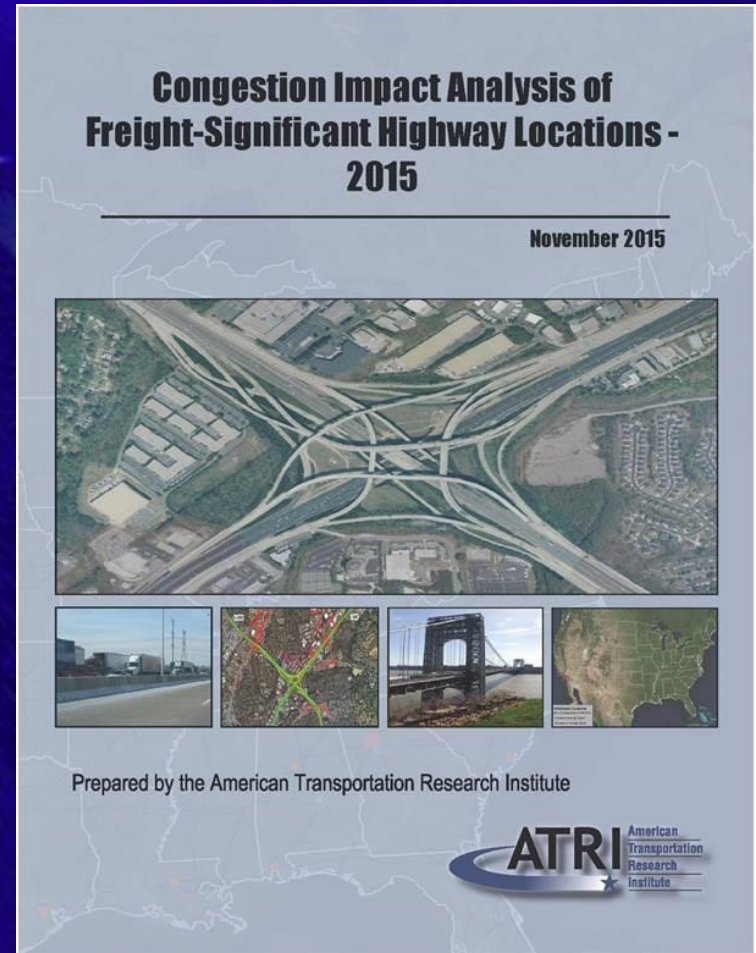
Truck Driver Age Demographics

Program Type	Public Schools Offering Program
Business	96.5%
Computer Technology	94.4%
Mechanics and Repair	81.9%
Precision Production	78.9%
Construction	73.5%
Childcare and Education	68.3%
Healthcare	64.9%
Agriculture	62.4%
Other Technology	58.3%
Marketing	57.9%
Food Service and Hospitality	57.4%
Communications and Technology	53.6%
Other Occupational Programs	48.2%
Personal and Other Services	48.0%
Trade and Industry/Transportation	28.8%
Protective Services	25.8%

Freight Bottleneck Analysis

- Ongoing monitoring of 250 truck freight-significant locations
- Avoiding/scheduling around truck freight congestion chokepoints

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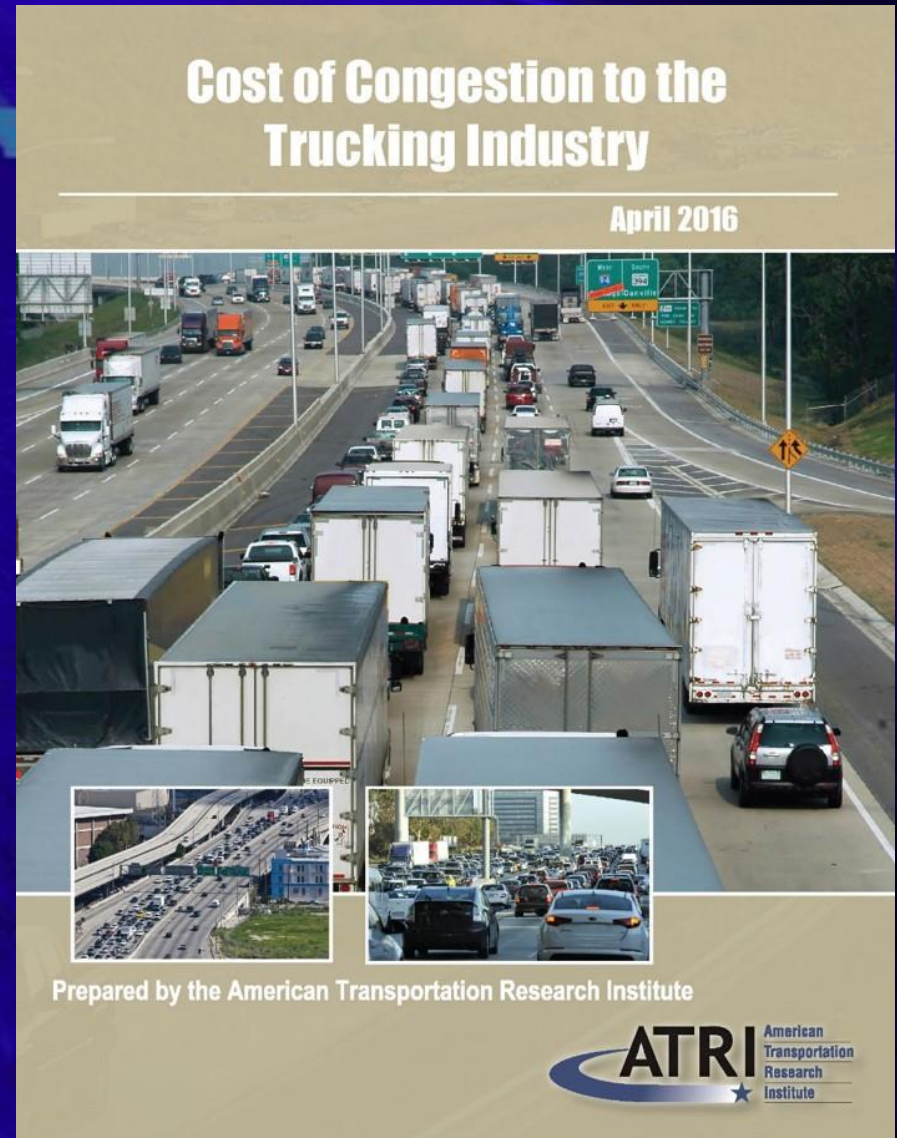


2015 Top 10 Freight Bottlenecks

Rank	Location	Average Speed	2014 Rank	Change
1	Atlanta, GA: I-285 at I-85 (North)	40	3	+2
2	Chicago, IL: I-290 at I-90/I-94	27	2	0
3	Fort Lee, NJ: I-95 at SR 4	36	1	-2
4	Louisville, KY: I-65 at I-64/I-71	44	9	+5
5	Houston, TX: I-610 at US 290	38	6	+1
6	Houston, TX: I-10 at I-45	42	13	+7
7	Cincinnati, OH: I-71 at I-75	47	4	-3
8	Houston, TX: I-45 at US 59	39	5	-3
9	Los Angeles, CA: SR 60 at SR 57	45	8	-1
10	Houston, TX: I-10 at US 59	43	16	+6

Cost of Congestion

- Congestion on U.S. NHS cost trucking industry \$49.6B in 2014
- Lost productivity = 728 million hours
 - ◆ Equates to 264,500 commercial drivers sitting idle for entire year



Questions?

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