

Georgia Commission on Freight & Logistics

**Rebecca M. Brewster
President and COO
American Transportation
Research Institute**

ATRI

**Trucking industry's not-for-profit
research organization**

- **Safety**
- **Mobility**
- **Economic Analysis**
- **Technology**
- **Environment**

www.TruckingResearch.org

Board of Directors



Research Advisory Committee



2019 Top Industry Issues

1. Driver Shortage (1)
2. Hours-of-Service (2)
3. Driver Compensation (new)
4. Detention / Delay at Customer Facilities (new)
5. Truck Parking (5)
6. Driver Retention (3)
7. ELD Mandate (4)
8. CSA (6)
9. Transportation Infrastructure / Congestion / Funding (8)
10. Economy (10)

CRITICAL ISSUES IN THE TRUCKING INDUSTRY – 2019



Presented to the
American Trucking Associations

Prepared by
The American Transportation Research Institute
October 2019



950 North Glebe Road
Arlington, VA 22203
(703)838-1966
ATRI@trucking.org
TruckingResearch.org

2019 Top Industry Issues

Commercial Drivers

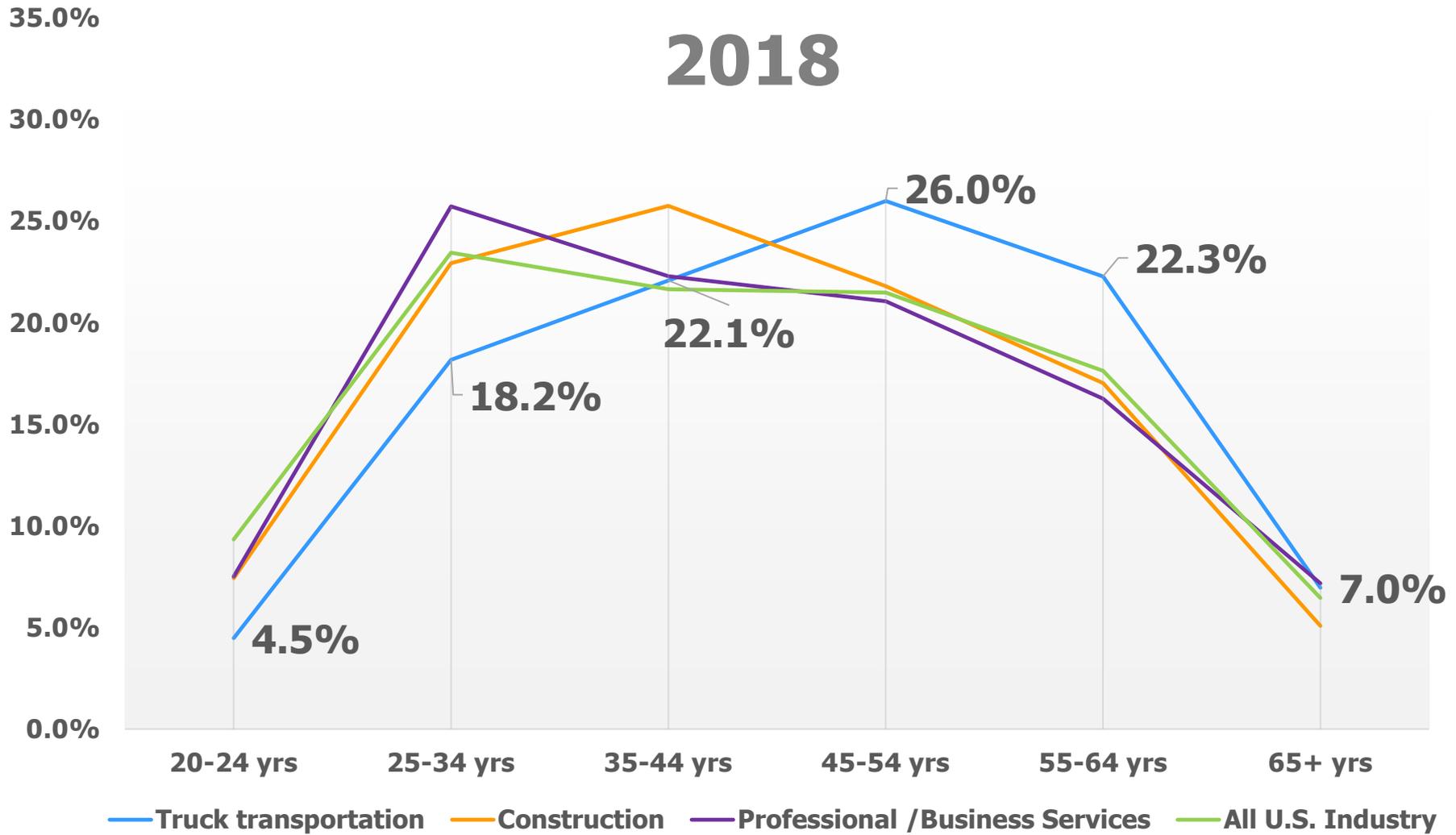
1. Driver Compensation
2. Hours-of-Service
3. Truck Parking
4. ELD Mandate
5. Detention / Delay at Customer Facilities
6. Speed Limiters
7. Driver Training Standards
8. Driver Distraction
9. Transportation Infrastructure / Congestion / Funding
10. Autonomous Truck Technology

Motor Carriers

1. Driver Shortage
2. Driver Retention
3. Hours-of-Service
4. CSA
5. Transportation Infrastructure / Congestion / Funding
6. Detention / Delay at Customer Facilities
7. Economy
8. ELD Mandate
9. Insurance Cost / Availability
10. Tort Reform

Truck Driver Age Demographics

2018



Detention Time Impacts

- **Multi-year analysis of detention impacts on industry safety and productivity**
- **Based on over 1,900 driver and motor carrier surveys collected in 2014 and 2018**



September 2019

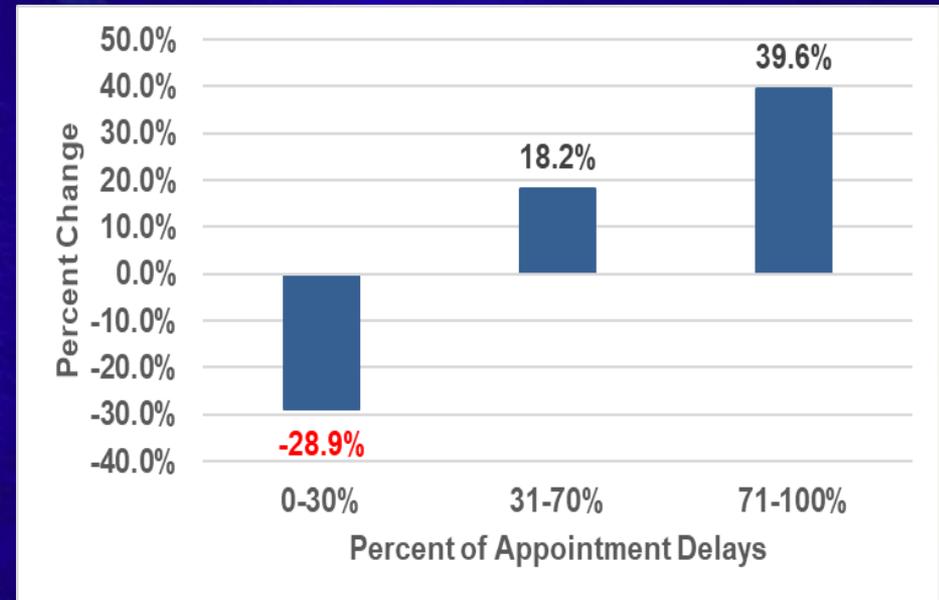
Erin Speltz
Research Analyst
American Transportation Research Institute
Minneapolis, MN

Dan Murray
Senior Vice President
American Transportation Research Institute
Minneapolis, MN

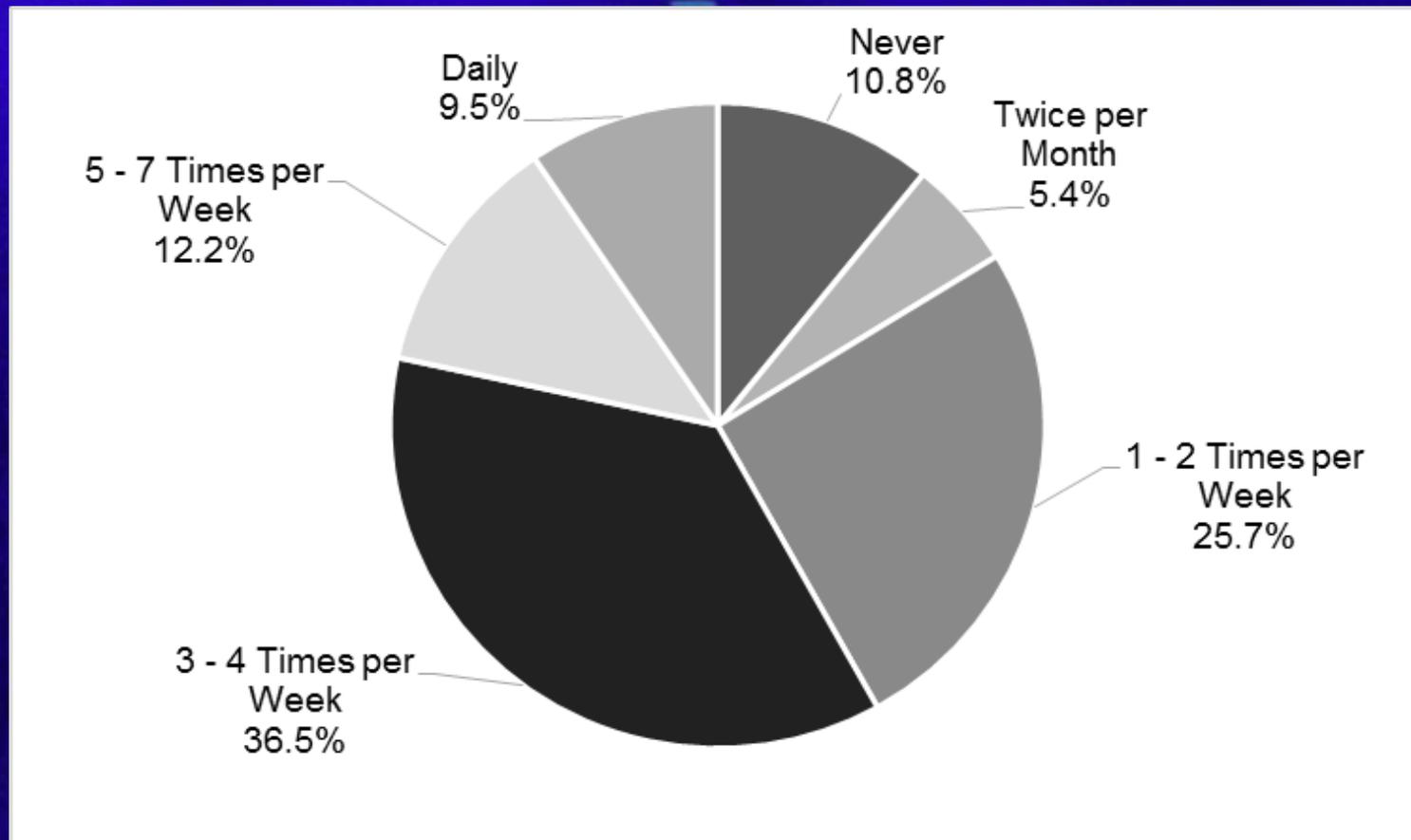


Detention Getting Worse

- Between 2014 and 2018, drivers reported 27.4% increase in delays of 6+ hours
- Nearly 40% increase in drivers reporting majority of appointments delayed due to customer actions

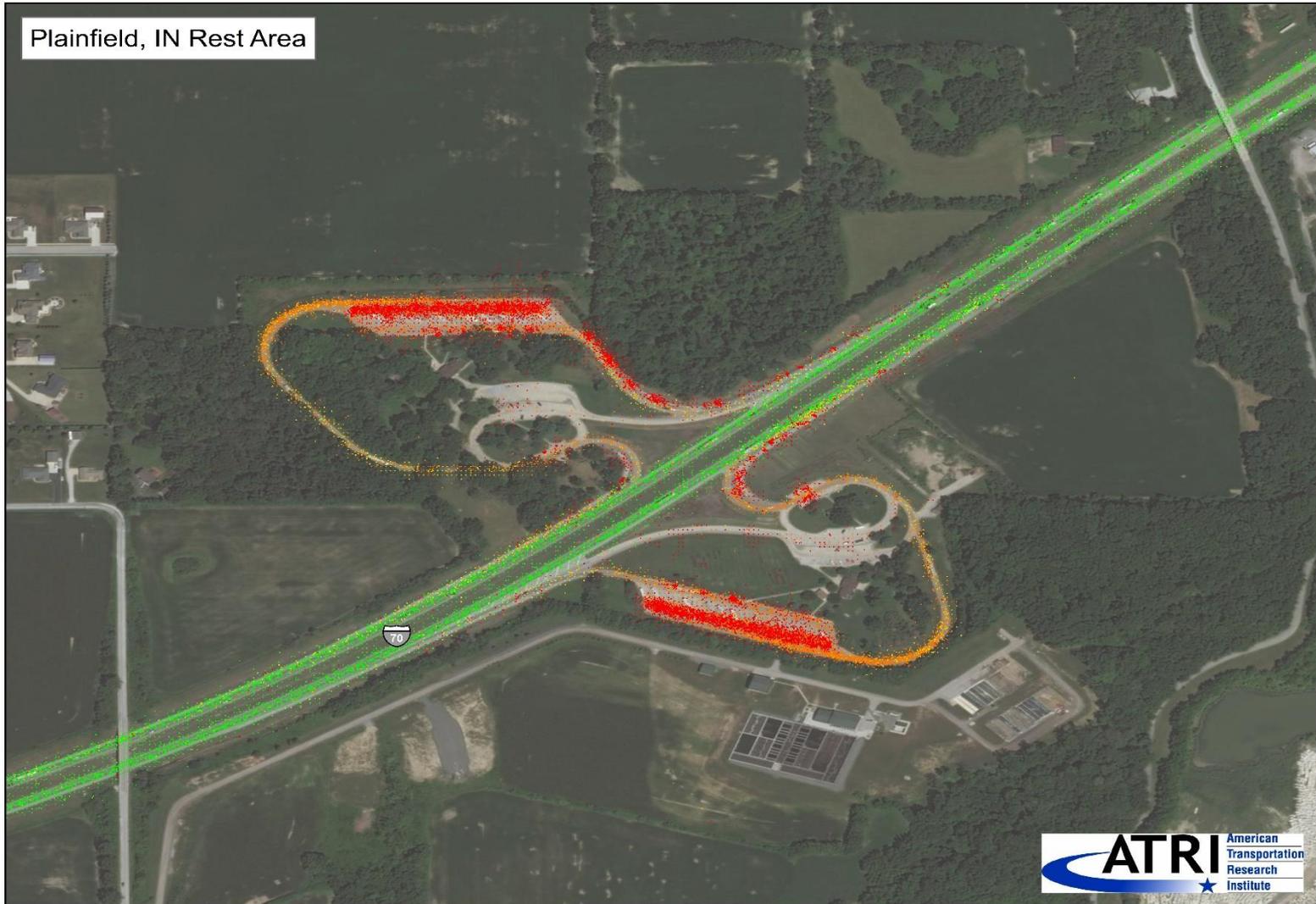


Frequency of Unauthorized/Undesignated Parking



No Vacancy

Plainfield, IN Rest Area



Cost of Congestion

- Congestion on U.S. NHS cost trucking industry \$74.5B in 2016
- Lost productivity = 1.2 billion hours
 - ◆ Equates to 425,533 commercial drivers sitting idle for entire year

Cost of Congestion to the Trucking Industry: 2018 Update

October 2018



Prepared by the American Transportation Research Institute



Congestion Costs the Economy

ATRI research findings:



\$74.5 billion

Annual cost to the trucking industry as a result of congestion on the nation's highways



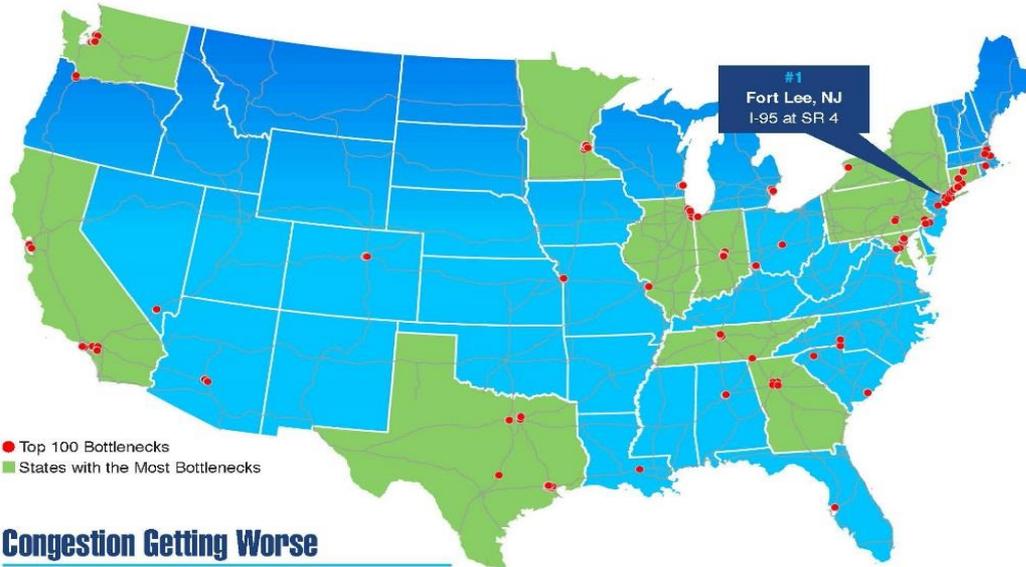
1.2 billion

Lost hours of trucking industry productivity due to congestion



425,533

Equivalent number of truck drivers sitting idle for an entire year



● Top 100 Bottlenecks
■ States with the Most Bottlenecks

Congestion Getting Worse

▼ Year-over-year average truck speeds at the top 10 locations dropped by **nearly 9%**

States with Most Bottlenecks

TX13	GA6	MN5	IL4
CA7	WA6	NY5	IN4
CT6	MD/DC...5	PA5	TN4



To view the top 100 list of truck bottlenecks along with detailed profiles for each location, please visit ATRI's website:
TruckingResearch.org



The Nation's Top Truck

BOTTLENECKS

2019



2019 Top 10 Truck Bottlenecks

Rank	Location	Average Peak Speed	Y-o-Y Change in Average Peak Speed
1	Fort Lee, NJ: I-95 at SR 4	23.0	-7.65%
2	Atlanta, GA: I-285 at I-85 (North)	22.9	-7.35%
3	Atlanta, GA: I-75 at I-285 (North)	27.4	-9.91%
4	Los Angeles, CA: SR 60 at SR 57	34.5	1.05%
5	Houston, TX: I-45 at I-69/US 59	24.2	-9.46%
6	Cincinnati, OH: I-71 at I-75	36.2	-7.42%
7	Chicago, IL: I-290 at I-90/I-94	17.6	-16.74%
8	Nashville, TN: I-24/I-40 at I-440 (East)	28.1	-11.75%
9	Atlanta, GA: I-20 at I-285 (West)	38.3	-5.06%
10	Los Angeles, CA: I-710 at I-105	26.8	-12.35%

Questions?

Rebecca Brewster

rbrewster@trucking.org

770-432-0628

www.TruckingResearch.org



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