

COVID Impacts on Trucking

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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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2020 Top Industry Issues

1. Driver Shortage (1)
2. Driver Compensation (3)
3. Truck Parking (5)
4. Compliance, Safety, Accountability (8)
5. Insurance Cost / Availability (#3 in 2005 survey)
6. Driver Retention (6)
7. Tort Reform (#8 in 2011 survey)
8. Economy (10)
9. Detention / Delay (4)
10. Hours-of-Service (2)

CRITICAL ISSUES IN THE TRUCKING INDUSTRY – 2020



Presented to the
American Trucking Associations

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2020 Top Industry Issues

Commercial Drivers

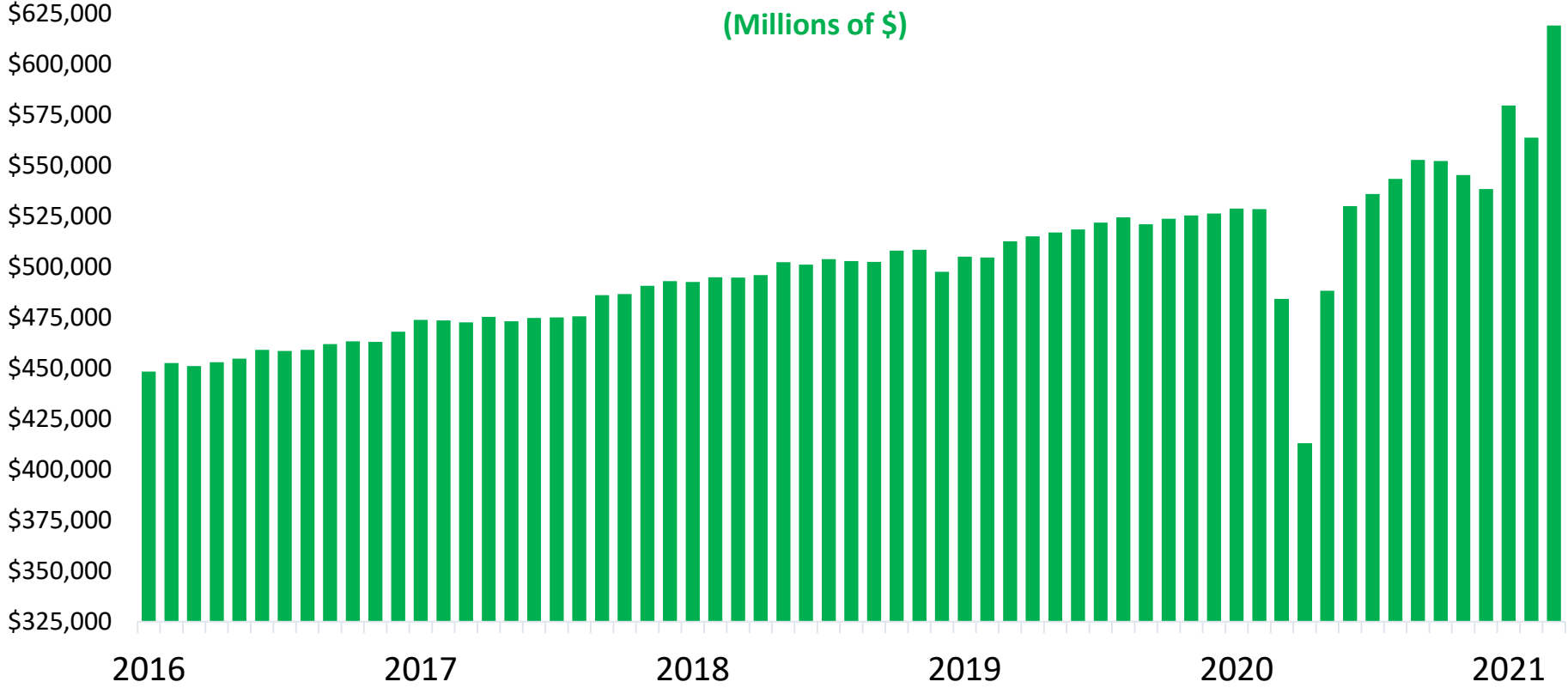
1. **Truck Parking**
2. **Driver Compensation**
3. **Detention / Delay**
4. **Hours-of-Service**
5. **Driver Training Standards**
6. **Automated Truck Technology**
7. **CSA**
8. **Driver Health & Wellness**
9. **Speed Limiters**
10. **ELD Mandate**

Motor Carriers

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

Retail Sales

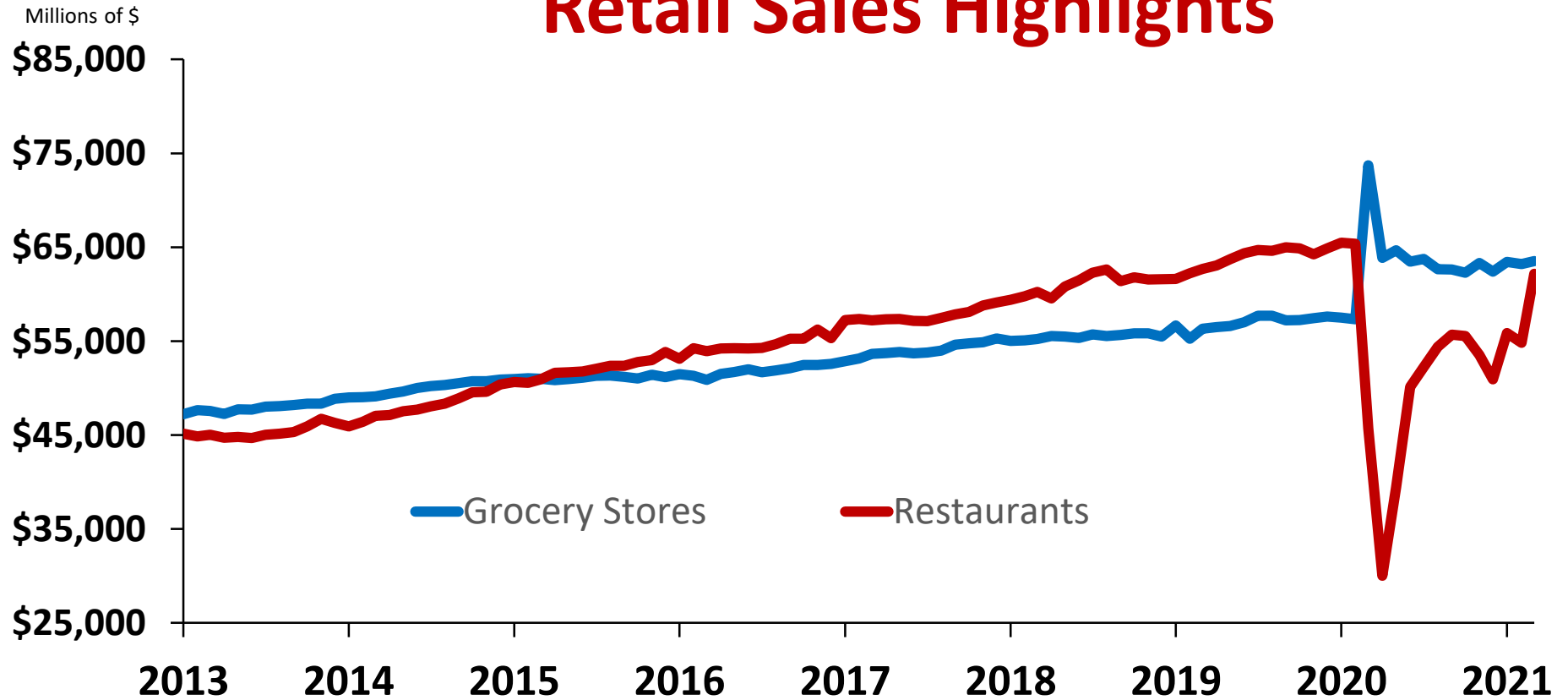
(Millions of \$)



Source: Census Bureau



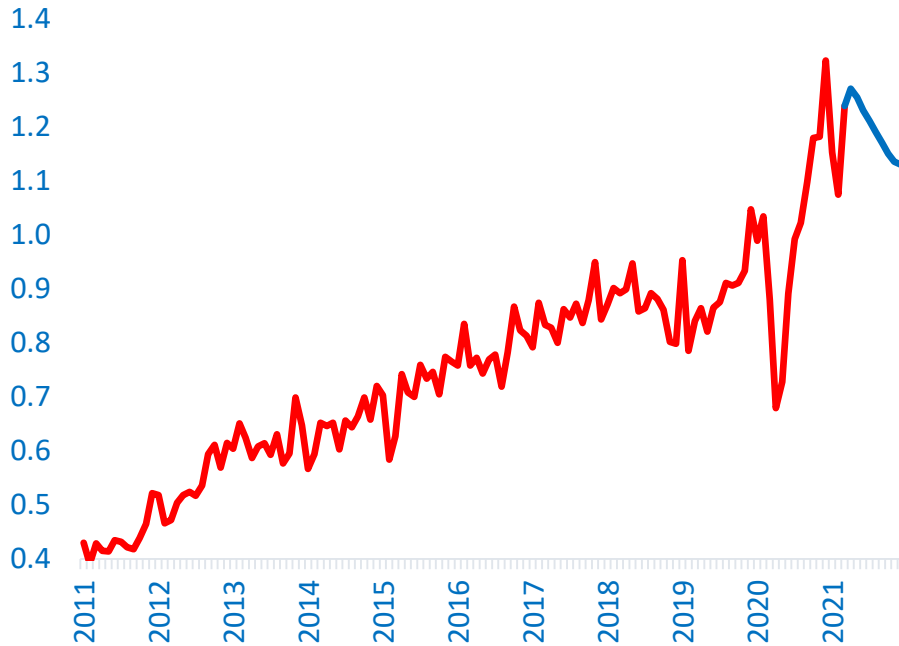
Retail Sales Highlights



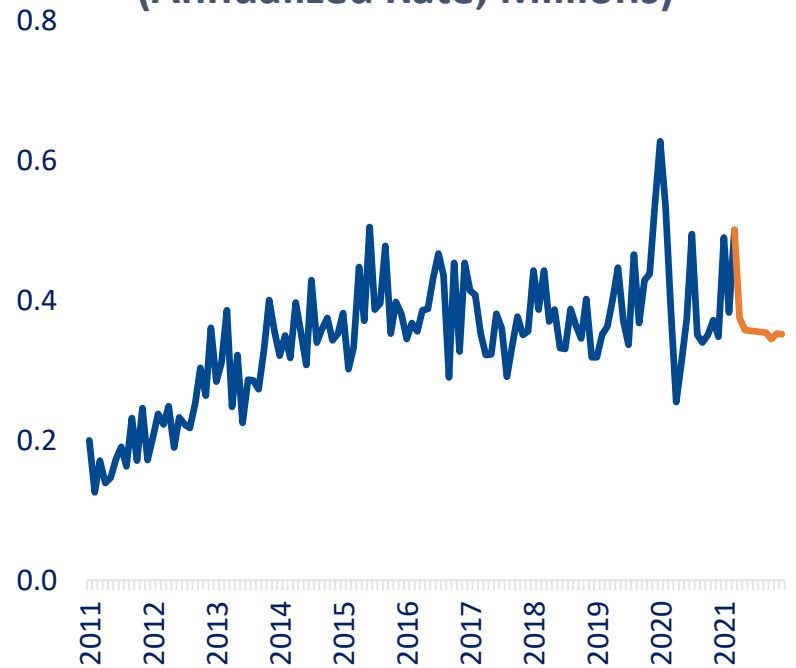
Source: U.S. Census Bureau

Housing Market Trends: Construction

Single-Family Housing Starts (Annualized Rate; Millions)



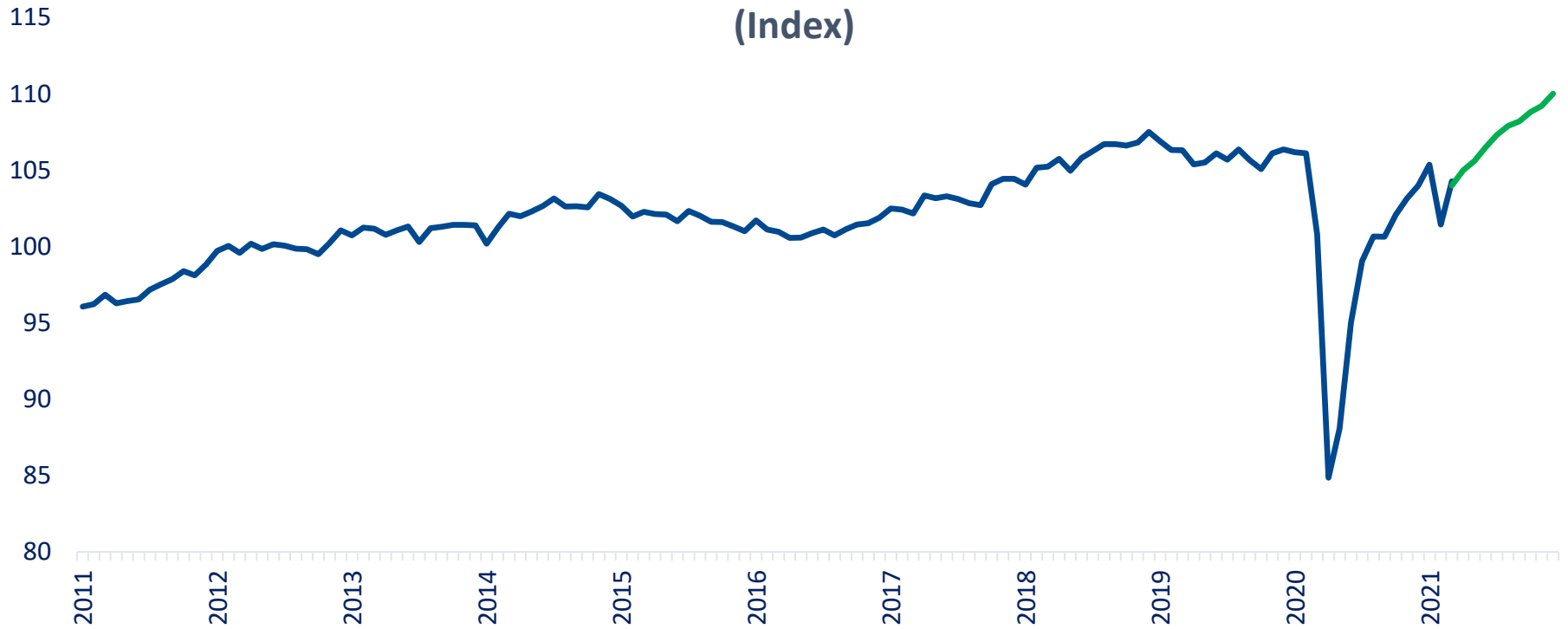
Multi-Family Housing Starts (Annualized Rate; Millions)



Sources: Census Bureau & ATA

Manufacturing Trends

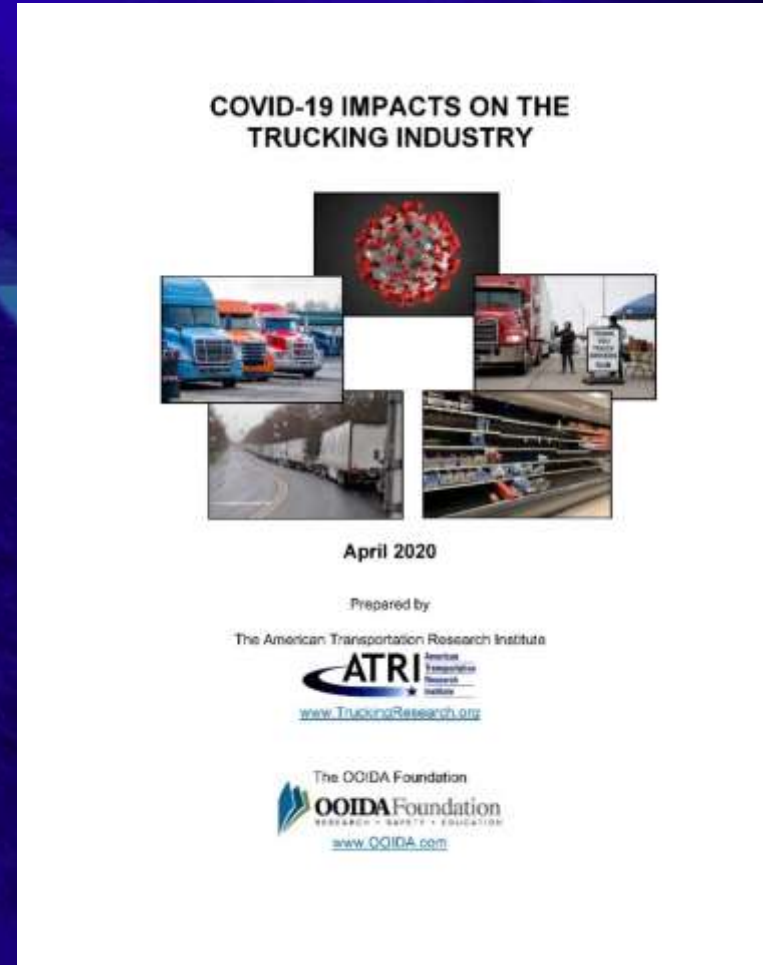
Factory Output (Index)



Source: Federal Reserve

COVID-19 Impacts

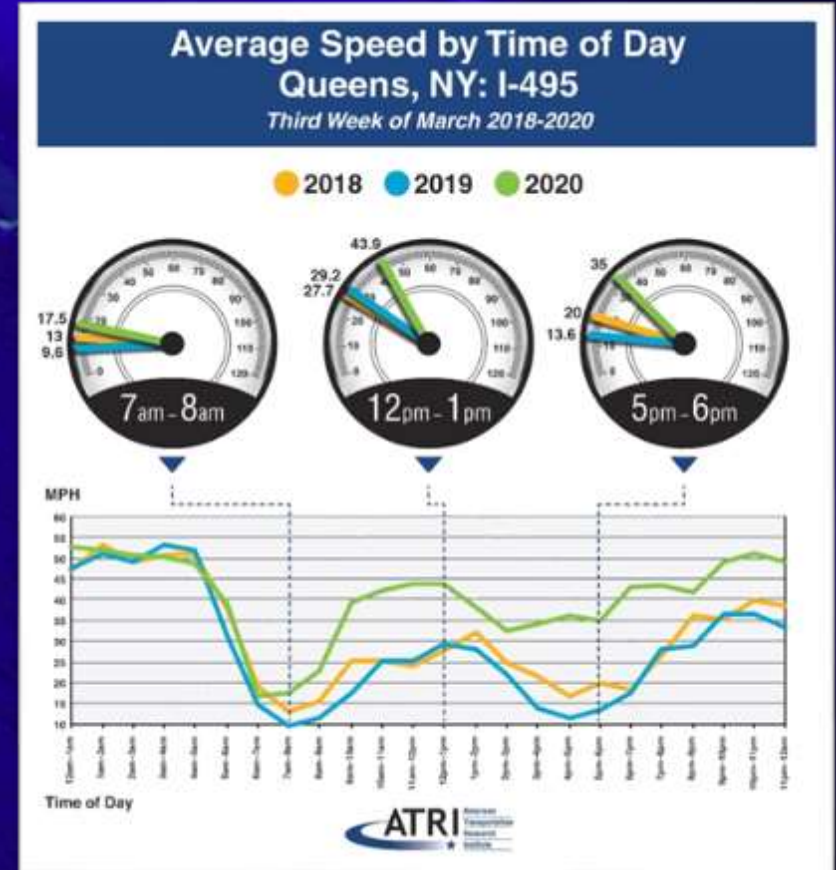
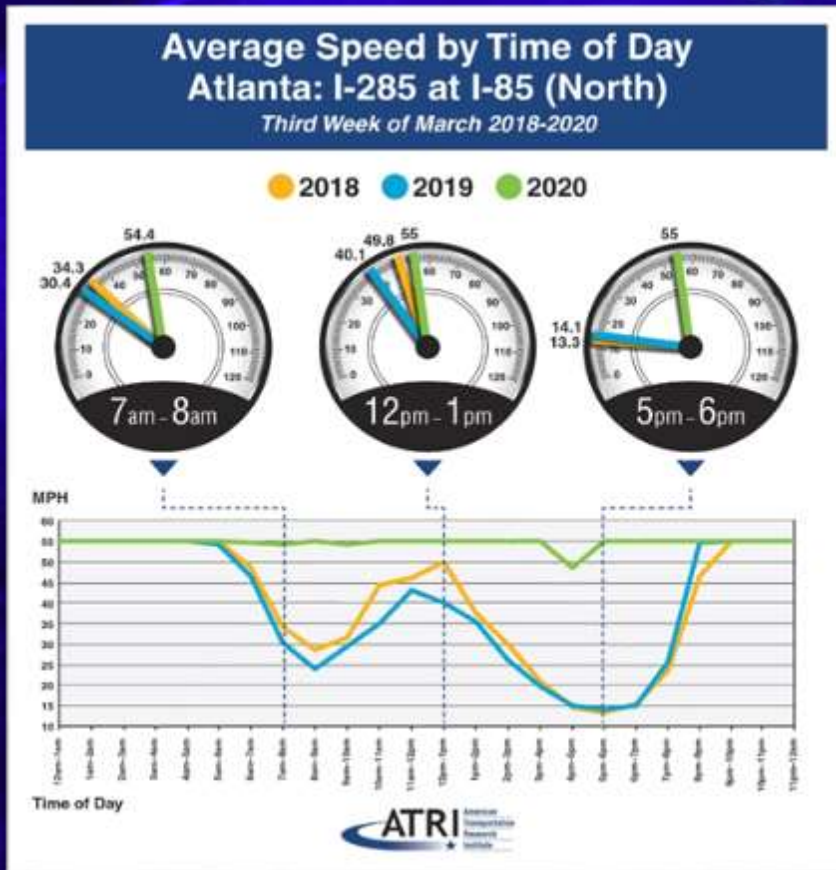
- **Multiple GPS Analyses**
- **Joint survey with OOIDA Foundation**
- **5,000+ respondents over 2 weeks**
 - ◆ **77% drivers**
 - ◆ **68.6% fleets fewer than 50 trucks**
 - ◆ **65.5.% TL**



Average Length of Haul Changes

	Before Pandemic	During Pandemic
Local (less than 100 miles per trip)	7.8%	18.2%
Regional (100-499 miles per trip)	31.0%	33.8%
Inter-regional (500-999 miles per trip)	28.6%	25.2%
Long-Haul (1,000+ miles per trip)	32.7%	22.7%

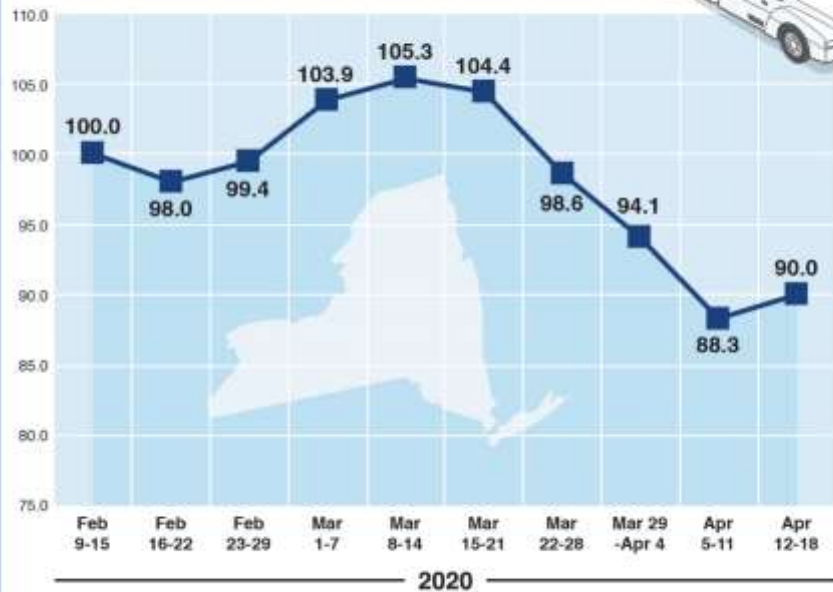
Congestion Down during COVID



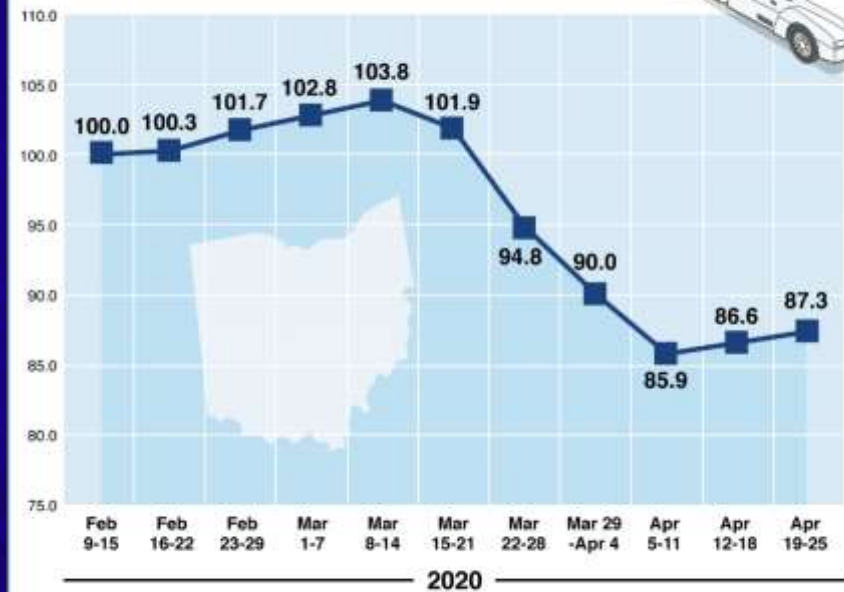
87% of respondents said traffic congestion reduced during COVID

Truck Activity Impacts

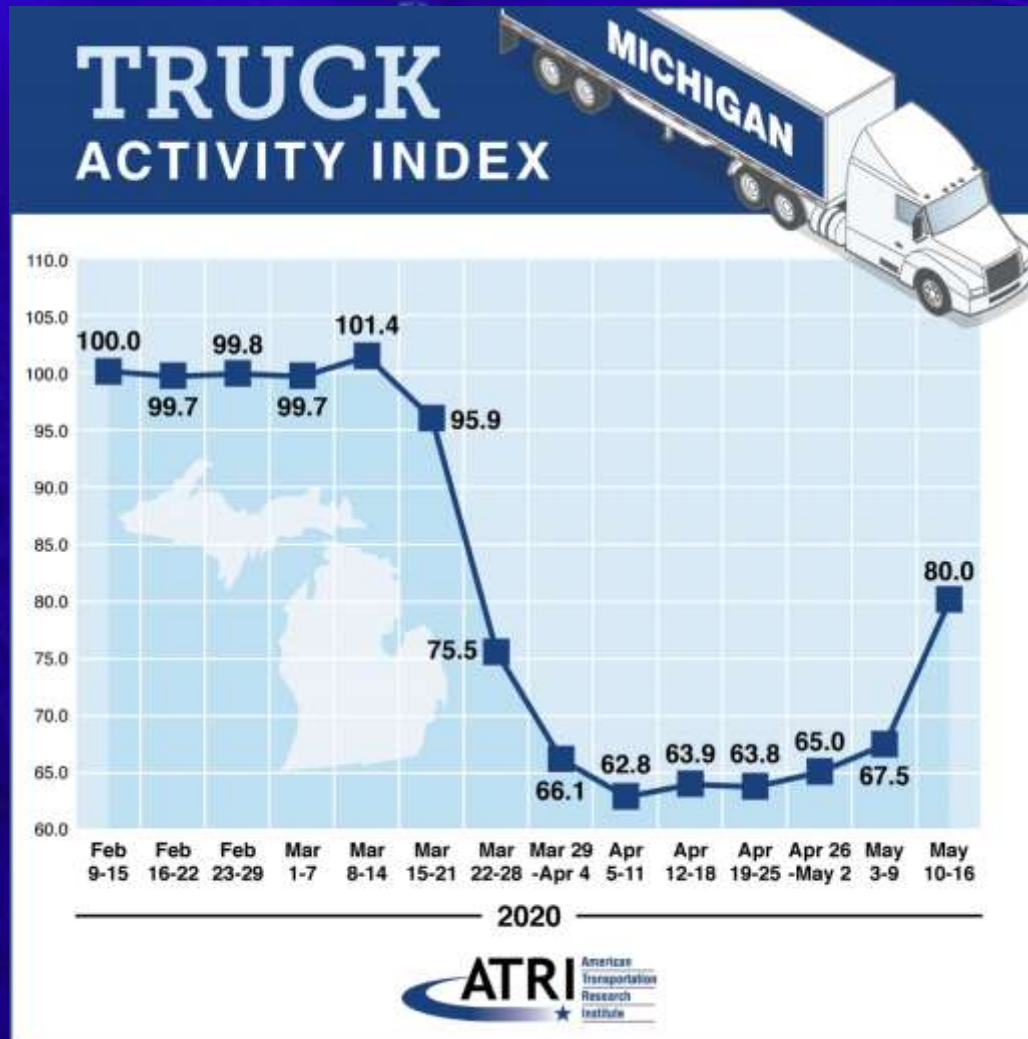
TRUCK ACTIVITY INDEX



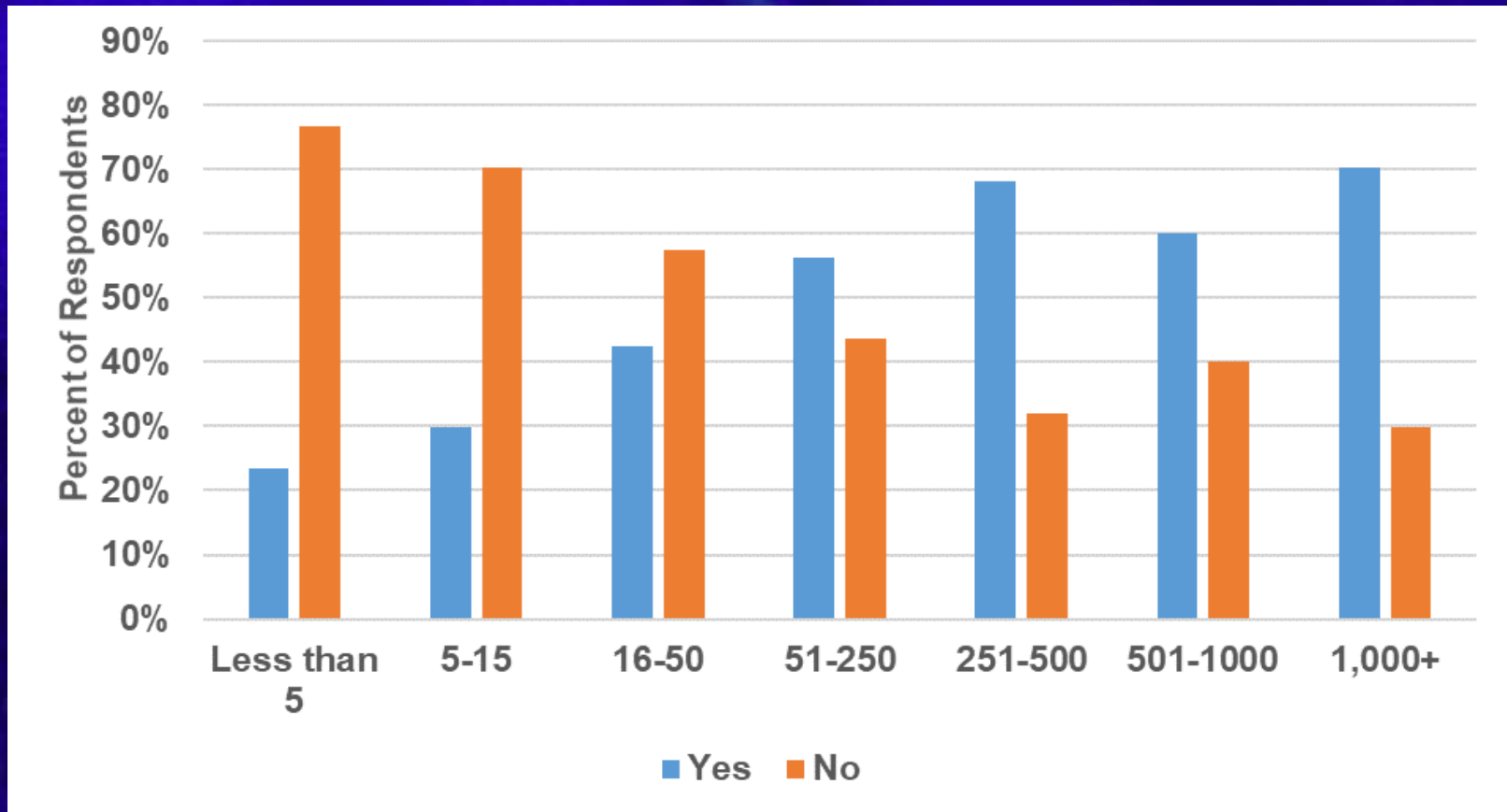
TRUCK ACTIVITY INDEX



Truck Activity Impacts



Disaster Response Plan in Place Pre-COVID



COVID-19 Impacts

- Overall, 44% reported truck parking “somewhat harder” or “much harder” to find
- Overall, 34% reported longer detention times; more pronounced among smaller fleets
 - ◆ 73% of respondents who reported longer detention times were from fleets of fewer than 50 trucks

Questions?

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