Truck Driver Age Demographics

2021

Legend: Truck Transportation — Construction — Professional /Business Services — All U.S. Industry

Data labels: 6.4%, 19.3%, 20.2%, 23.8%, 21.9%, 8.4%

X-axis: 20-24 yrs, 25-34 yrs, 35-44 yrs, 45-54 yrs, 55-64 yrs, 65+ yrs
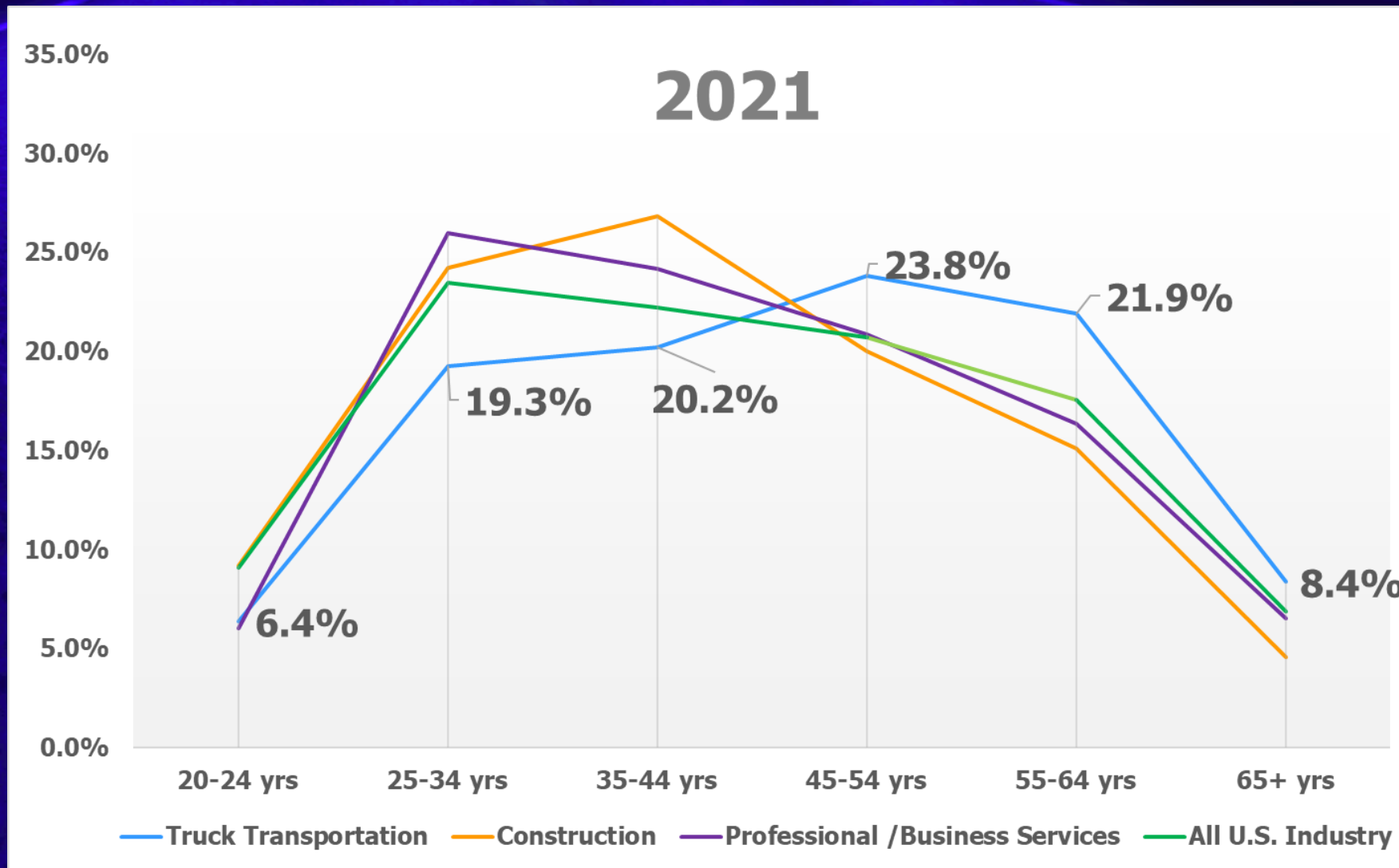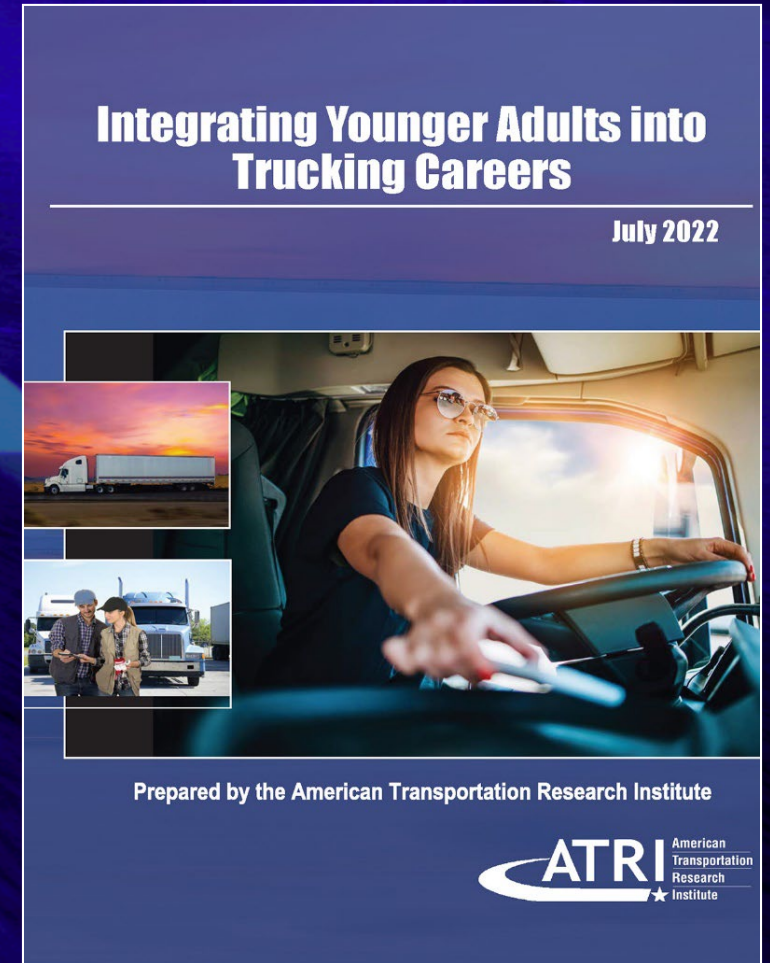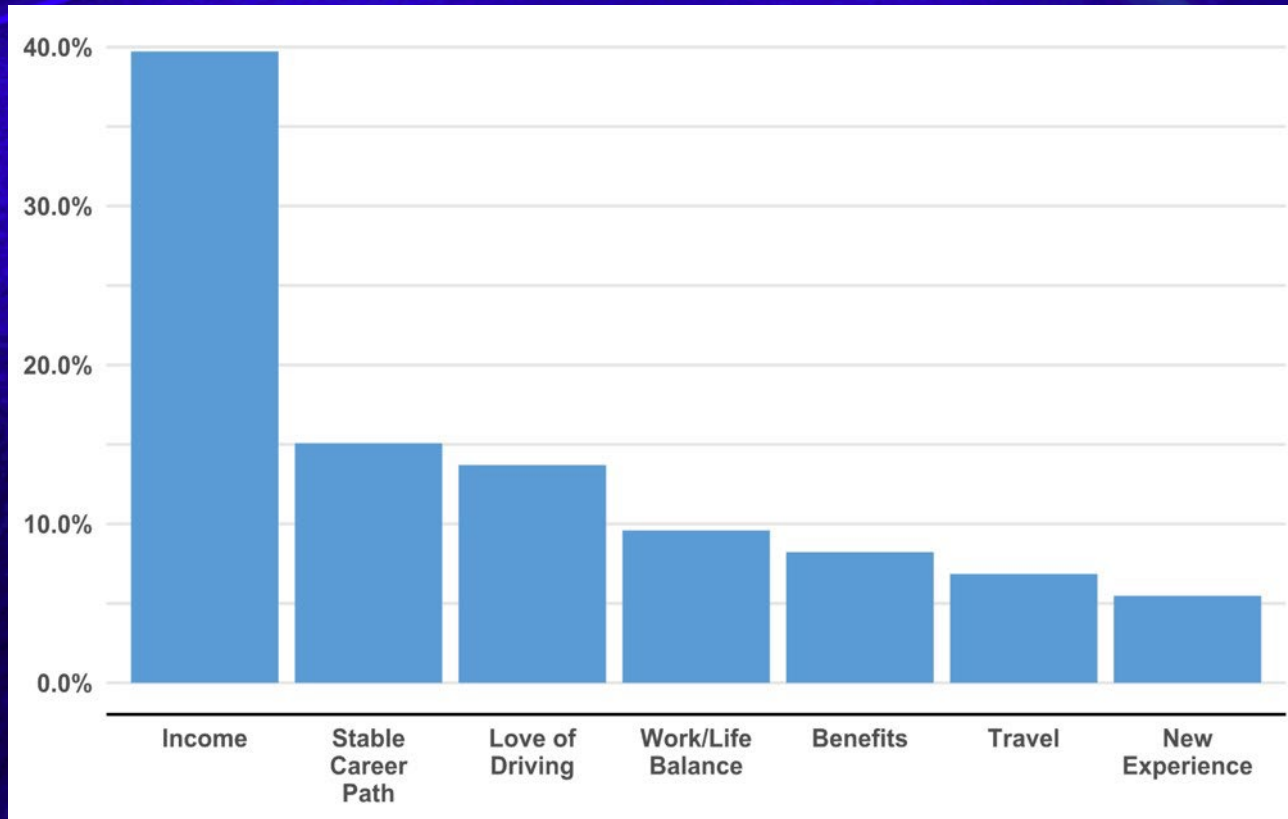
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Integrating Younger Adults into Trucking Careers

- **Top RAC priority in 2021**

- **Examines best practices for recruiting, training, retaining younger adults**

- **Research included younger driver interviews, motor carrier case studies and survey**

Integrating Younger Adults into Trucking Careers

July 2022

Prepared by the American Transportation Research Institute

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Younger Employee Recruitment

Top Factors Motivating Younger Drivers to Choose Trucking

- Pay is important, but it isn't everything: 60% of younger drivers say another factor was equally or more important

- 84% of younger drivers consider company culture important

- Accessible, transparent promotional materials directed at younger adults help potential employees discover and understand the industry

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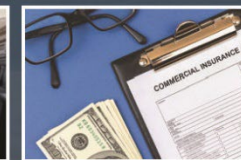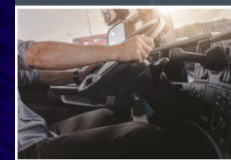# Younger Driver Training
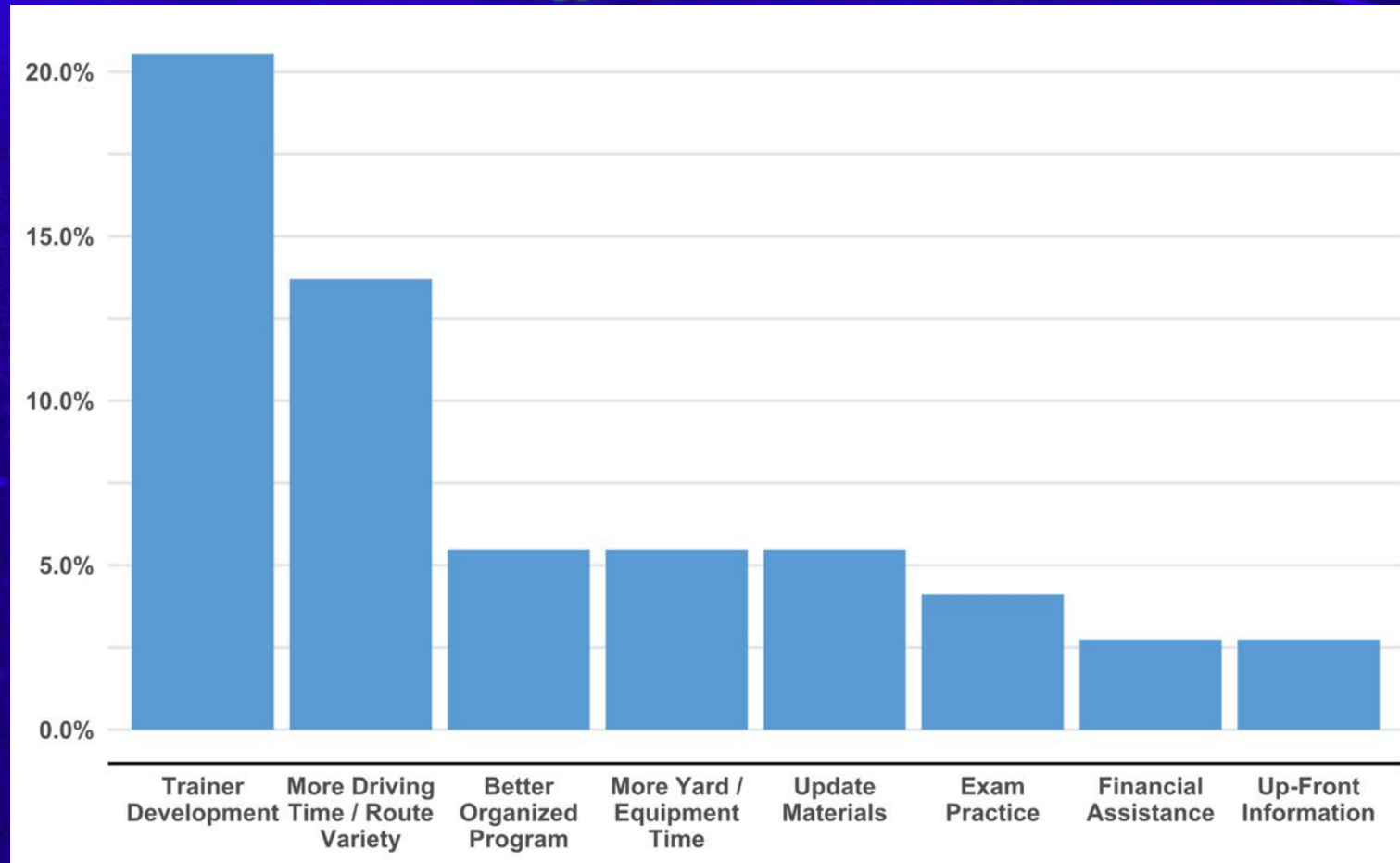
Younger drivers' top suggestions for improving training programs

The Impact of Rising Insurance Costs on the Trucking Industry

- **ATRI Ops Costs documented multiple years of substantial insurance cost growth**

- **RAC identified as top priority in 2020 to provide a more granular analysis of insurance costs**

- **Data collected from motor carriers and insurers**

The Impact of Rising Insurance Costs on the Trucking Industry

February 2022

Prepared by the American Transportation Research Institute

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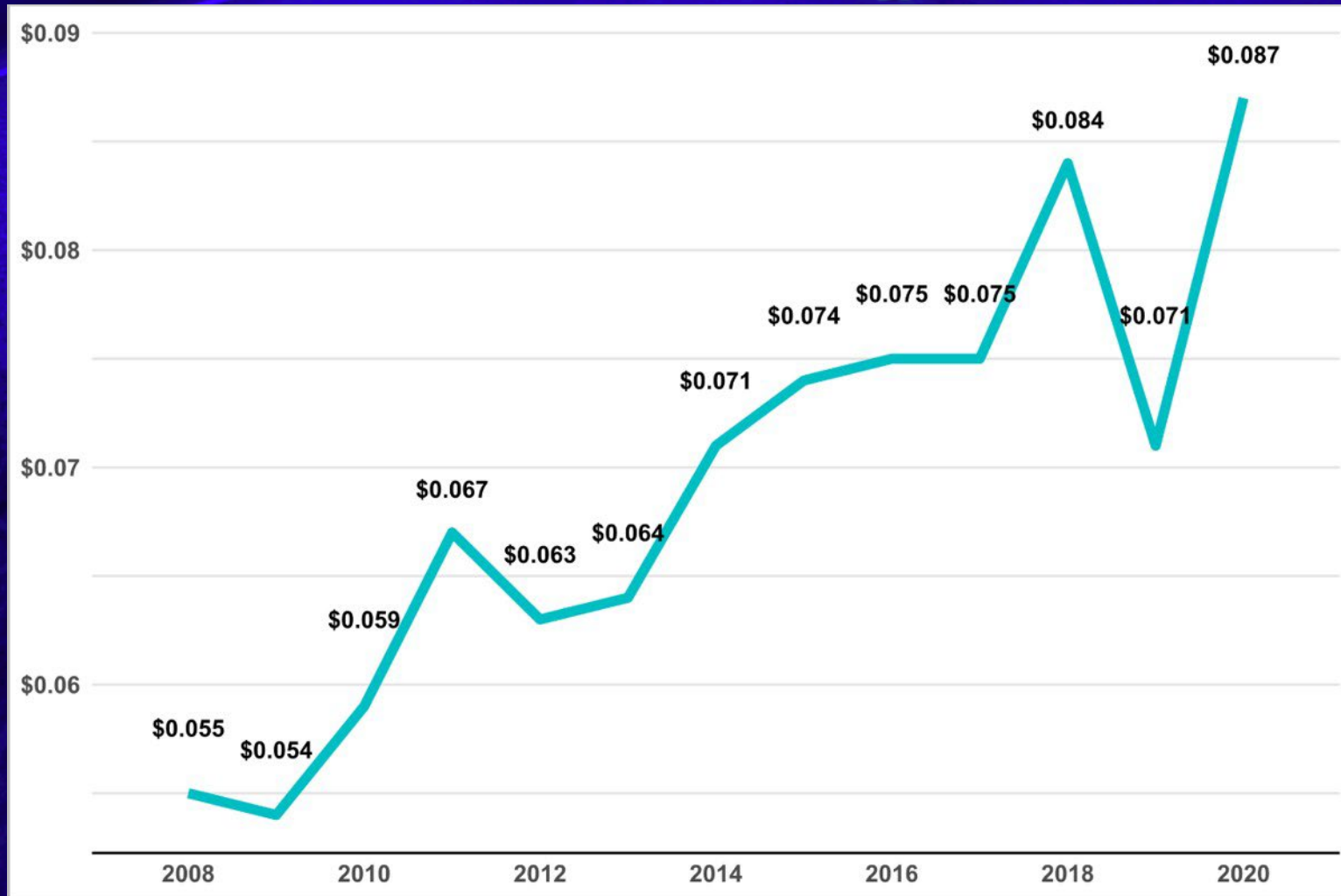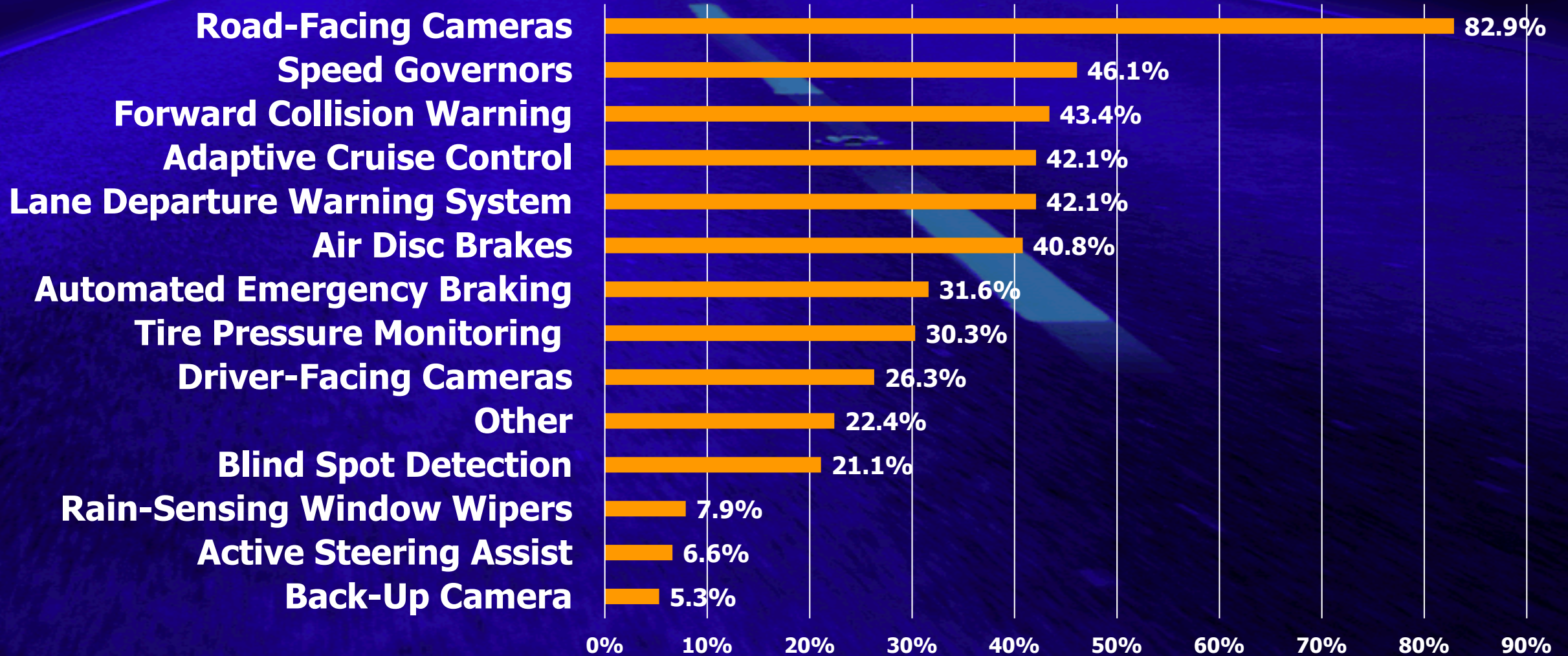
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Insurance Costs Over Time

Premium cost per mile up 47% over the last 10 years

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Safety Technology Deployment 2018 - 2020

Technology	Percentage
Road-Facing Cameras	82.9%
Speed Governors	46.1%
Forward Collision Warning	43.4%
Adaptive Cruise Control	42.1%
Lane Departure Warning System	42.1%
Air Disc Brakes	40.8%
Automated Emergency Braking	31.6%
Tire Pressure Monitoring	30.3%
Driver-Facing Cameras	26.3%
Other	22.4%
Blind Spot Detection	21.1%
Rain-Sensing Window Wipers	7.9%
Active Steering Assist	6.6%
Back-Up Camera	5.3%

0% 10% 20% 30% 40% 50% 60% 70% 80% 90%

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Impact of 3-Year Crash Rate on Premiums
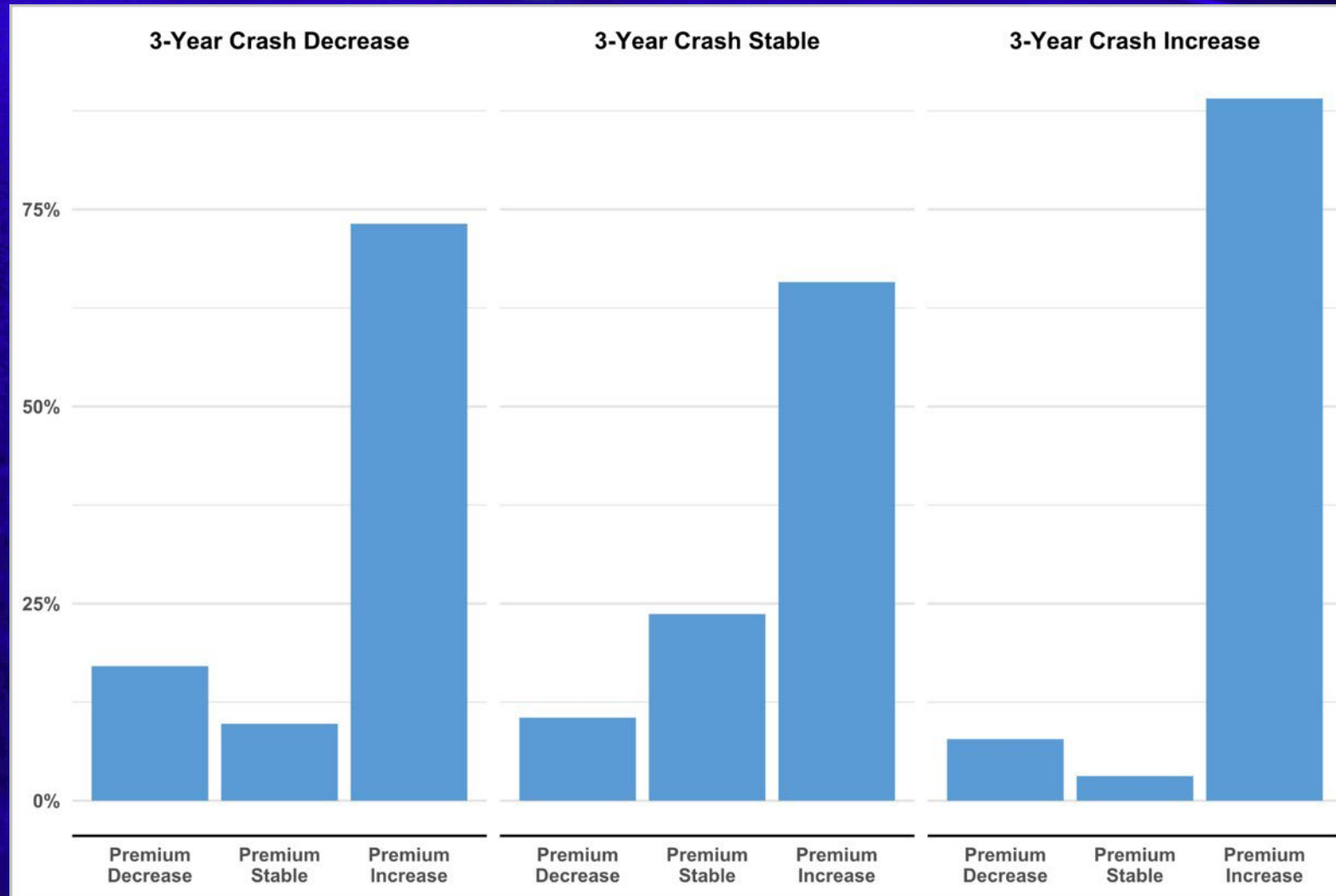
Predicting Truck Crash Involvement: 2022 Update

- **Latest update to ATRI's Crash Predictor model; prior reports in 2005, 2011 and 2018**

- **Examines likelihood of crashes based on specific violations, convictions, and crash involvement**

- **Analysis includes over 580,000 drivers**

Top 10 Crash Predictor Behaviors

Driver Behavior	Future Crash Likelihood Increase
Failure to Yield Right-of-Way violation	141%
Failure to Use / Improper Signal conviction	116%
Past Crash	113%
Reckless Driving violation	104%
Failure to Obey Traffic Sign conviction	85%
Failure to Keep in Proper Lane conviction	78%
Improper or Erratic Lane Changes conviction	77%
Reckless / Careless / Inattentive / Negligent Driving conviction	62%
Improper Lane / Location conviction	61%
Failure to Obey Traffic Signal / Light conviction	55%

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Top 5 Stable Predictors of Crash Risk

Driver Behavior	Median Crash Likelihood Across All Four ATRI Crash Predictor Models
Reckless Driving violation	114%
Failure to Use / Improper Signal conviction	89%
Past Crash	88%
Failure to Yield Right-of-Way violation	85%
Improper or Erratic Lane Changes conviction	79%

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Gender Analysis

- **Female drivers outperformed males in every statistically significant behavior**

- **Male drivers 14% more likely to be involved in a crash, down from 20% in 2018 report**

Behavior	Relative to Females, Likelihood for Males Increased by
Improper Lane conviction	221%
Medical Certificate violation	91%
Seat Belt violation	76%
Driving Too Fast for Conditions conviction	57%
Failure to Obey Traffic Sign conviction	51%

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