

8 FACTS ABOUT AV TRUCKS

Regulation

Commercial trucking is a heavily regulated industry. Autonomous trucks are subject to multiple layers of federal & state regulation, including by NHTSA and FMCSA. They follow robust interstate trucking rules & additional autonomous vehicle rules enacted by states.

Safety

Autonomous trucks have operated safely and successfully on the roads in states like Arizona, New Mexico, and Texas for years. Data reporting shows that AV trucks are safe.

Human Error

NHTSA and FMCSA's Large Truck Crash Causation Study found that driver behavior was the critical reason assigned to 87% of fatal injury crashes caused by large trucks. The status quo is not good enough.

Track Record

AV companies are required to report data to the federal government on any crashes involving an autonomous vehicle. To date, there has not been a fatality or major injury involving autonomous trucks.

Supply Chains

According to the American Trucking Associations, the current driver shortage is expected to double by 2031. There simply are not enough drivers to support the supply chain.

Driver Shortages

AV trucks will fill the gaps of the current driver shortage. A USDOT study confirmed that AVs will create thousands of jobs, spur investment spending, and increase GDP. AV jobs are available for various backgrounds and skills, including those that do not require a college degree.

Jobs

Though AV technology is designed to operate without human drivers, the industry relies on thousands of jobs across all skill levels, including service technicians, vehicle operators, remote assistance operators, mapping data collectors, delivery packers, engineers, and more.

Growth

24 states do not currently have a framework for AV operations. Even after every state enacts such a framework, it would still take many years of the industry's steady, incremental growth before AV trucks become a common fixture on the roads.