Speed Limiters

An Existing Technology that Improves the Safety and Profitability of Large Trucks

Speeding is one of the driving behaviors that has the most impact on CMV-at fault crashes[1]

Setting speed limiters is a **simple solution** that uses **technology already built into most large commercial trucks** to make their operations **safer** and more **profitable**[2]

Safer

2x

Trucks not using speed limiters were in as many high-speed collisions as those using speed limiters[3]

1/3

of speeding trucks involved in fatal collisions in 2019 were on roads with speed limits of 70mph or more[5]

170% **greater injury/fatality risk per crash in CMV crashes with speed citations**[4]

Sources

1. Bierling, D. (2018). COST AND RISK IN AT-FAULT CMV CRASHES (Issue brief). College Station, TX: Texas A&M Transportation Institute.
2. Preliminary Regulatory Impact Analysis (PRIA) and Initial Regulatory Flexibility Analysis, FMVSS No. 140, Speed Limiting Devices, (NHTSA, Aug. 2016).
3. Jeffrey S. Hickman, Feng Guo, Richard J. Hanowski, Richard Bishop, Gene Bergoffen & Dan Murray (2012) Safety Benefits of Speed Limiters in Commercial Motor Vehicles Using Carrier-Collected Crash Data, Journal of Intelligent Transportation Systems,
4. Bierling, D. (2018). COST AND RISK IN AT-FAULT CMV CRASHES (Issue brief). College Station, TX: Texas A&M Transportation Institute.
5. IST Analysis of FARS 2009–2018 Final File, 2019 FARS Annual Report File (ARF). National Highway Traffic Safety Administration.
6. Bierling, D. (2018). COST AND RISK IN AT-FAULT CMV CRASHES (Issue brief). College Station, TX: Texas A&M Transportation Institute.
7. American Trucking Associations

More Profitable

20% Increase in estimated truck crash cost when speeding was a contributing factor[6]

A truck traveling at 75 mph consumes more fuel than one going 65 mph[7] **27%**

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