



Driving Insights No. 16



Multi-Collision Drivers in the Transit Industry

DriveCam is pleased to continue its *Driving Insights* Series with a deeper look at the most prevalent behaviors associated with multi-collision drivers in the transit industry. While drivers with multiple collisions represent only 0.4% of all transit drivers in the study, more than 70% were consistently cited for four poor driving behaviors. Additionally, multi-collision drivers showed a significantly higher frequency across all poor driving behaviors. Recognizing these behaviors as leading indicators of future risk can help fleet safety and risk managers coach and train drivers to avoid costly outcomes.

DriveCam’s Video Event Recorder provides the unique ability to identify when a collision has occurred. DriveCam does not analyze collision events for legal reasons; however, extensive video event review of a driver’s prior non-collision poor driving behaviors allows DriveCam to better understand those behaviors that act as leading indicators of collisions. Identifying these behaviors provides safety managers a focused direction in coaching and training.

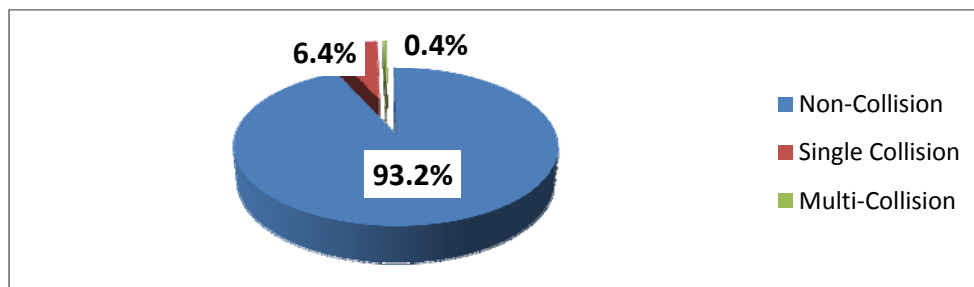
This newsletter focuses on the analysis of over 20,000 drivers in the transit industry who were active between June 2009 and June 2010. The behaviors with the largest observed variance between multi-collision and non-collision transit drivers were:

- **Following Too Close** - 1.25 to 1.75 seconds (58% of multi-collision drivers, 33% of non-collision drivers). Additionally, 1 second or less (24% of multi-collision drivers, 10% of non-collision drivers)
- **Failed to Keep an Out** (30% of multi-collision drivers, 11% of non-collision drivers)
- **Not Looking Far Enough Ahead** (64% of multi-collision drivers, 48% of non-collision drivers)
- **Rolling Stops** (32% of multi-collision drivers, 19% of non-collision drivers)

Transit Drivers in a Collision

Chart 1 represents the distribution of drivers with no collisions, a single collision or multiple collisions. Just under 7% of transit drivers active during the analysis time period were involved in one or more collisions, which represent more than 1,400 drivers.

Chart 1 – Transit Drivers by Type

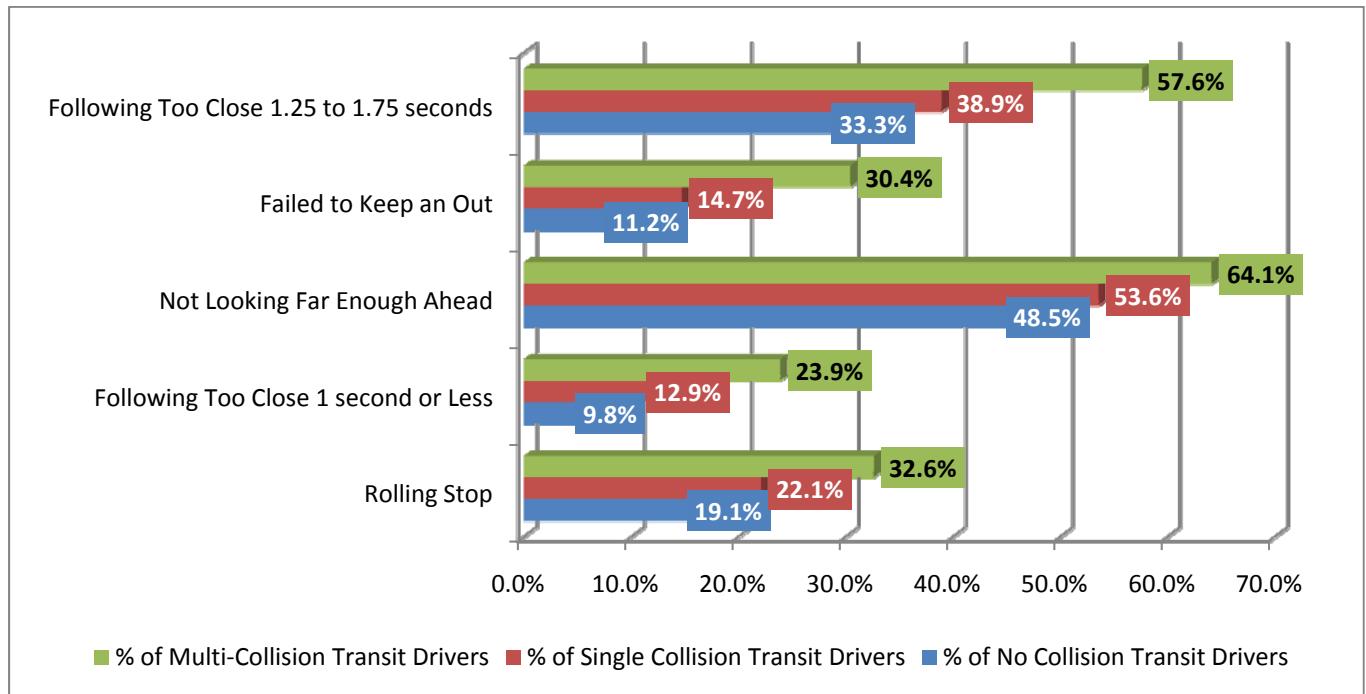


Transit Driver Behaviors

Chart 2 compares the percentage of drivers who exhibited different risky behaviors during video review by type of driver (no collision, single collision, or multiple collisions). Key findings are:

- 58% of multi-collision drivers were identified **following too close** between 1.25 and 1.75 seconds compared with 33% of non-collision drivers.
- Just over 30% of multi-collision transit drivers **failed to keep an out** while driving at multiple times prior to a future collision. In comparison, only 11% of non-collision drivers were identified exhibiting the same behavior.
- 32% of multi-collision drivers were identified **rolling through a stop sign** compared with 19% of non-collision drivers.

Chart 2 - % of Transit Drivers Exhibiting the Behavior



About DriveCam’s Driving Insights

DriveCam’s *Driving Insights* is designed to provide insight for executives and managers throughout a variety of transportation industries. It is derived from DriveCam’s extensive database of driving events from over 3 billion driving miles – the largest in the world. *Driving Insights* is released on a regular basis. To view all *Driving Insights*, go to: <http://www.drivecam.com/news-events/newsletters/driver-insights>.

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As proven experts in the science of safe and efficient driving, DriveCam prevents collisions and reduces fuel costs by improving the way people drive. Our solution addresses the causes of poor driving by combining data and video analytics with real-time driver feedback and coaching, resulting in reductions in collision-related costs and fuel consumption in over 150,000 commercial vehicles. In addition, DriveCam has monitored and analyzed data from over 3 billion driving miles and holds the world’s largest database of risky driving, which is continually used to improve proprietary analytics and deliver insights into transportation industry trends. DriveCam was recently recognized as #30 in *The Wall Street Journal’s* listing of Top 50 Venture-Backed Companies. For more information, visit www.drivecam.com.