



YOU ARE THE DIFFERENCE

between a safe arrival and another statistic. Learn the warning signs of unsafe behaviors and conditions that contribute to rollovers. Watch FMCSA's rollover prevention training video. These 17 minutes can save your life—and the lives of others!

Scan this code to learn more about cargo tank rollovers.



Or visit:
www.fmcsa.dot.gov/rolloverprevention



U.S. Department of Transportation
Federal Motor Carrier Safety Administration

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CARGO TANK ROLLOVER PREVENTION



 **Keep the Load on the Road**

A Driver's Guide to Cargo Tank Truck Rollover Prevention

The Federal Motor Carrier Safety Administration (FMCSA) is helping drivers **Keep the Load on the Road**. Rollovers can happen at any time, to any driver, which makes it critical that every driver know the causes of rollover events and how to prevent crashes.



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Our nation relies on goods transported by commercial motor vehicles on our roadways. Among the products moved each day are hundreds of thousands of shipments of hazardous materials, such as crude oil, gasoline, and flammable gases. Most of these shipments arrive safely, but hazardous materials have the potential to harm the public and the environment by causing injury, death, and property damage when trucks roll over.

ROLLOVERS CAN BE PREVENTED



Over 1,300 cargo tank rollovers are reported each year – an average of nearly 4 rollovers every day.

Drivers might believe that rollovers happen only in poor driving conditions or in the dark of night. The truth is **2/3 of rollovers occur during the day** with over half occurring on dry, straight roads.

In fact, even excessive speed isn't the highest contributing factor to rollover accidents. Only 28% of all cargo tank accidents involve driving too fast for conditions, and evasive maneuvers account for only 5-10% of rollovers.

Even veteran drivers are involved in rollovers, with 66% of accidents involving drivers with more than 10 years of experience.

Rollovers can happen to any driver, any time.

WHAT CAUSES ROLLOVERS

Many rollovers can be prevented by drivers, as studies show that many are caused by behaviors such as **drowsiness, inattention, or incorrect turning.**

Load size is also a factor in crashes, with 63% of rollovers occurring with cargo tanks carrying partial loads.

Your **vehicle's condition** also plays a role. In one study, 54% of vehicles in rollovers had a brake defect of some sort.

Cargo tank rollover statistics are from the 2007 Cargo Tank Roll Stability Study, located at:
<http://www.fmcsa.dot.gov/safety/carrier-safety/cargo-tank-roll-stability-study-final-report-april-2007>.



ROLLOVER PREVENTION STARTS WITH YOU

Attentive driving can prevent most rollovers. Keep these tips in mind each time you drive:

- **BE ALERT** - Drivers can never be too comfortable behind the wheel. Always remain alert, and never drive drowsy.
- **KNOW YOUR LOAD** - Beware of the "slosh and surge" effect of cargo tanks, and how sudden load shifts can contribute to accidents.
- **CHECK YOUR VEHICLE** - Make sure brakes and tires are road safe.

Owners, managers, and others in the industry play a big part in helping drivers Keep the Load on the Road by providing training tools and reminding drivers of the causes of rollovers.

Share FMCSA's Cargo Tank Truck Prevention video with drivers, and help improve the consciousness of cargo tank drivers—preventing rollovers saves time, money, and lives.

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