the journey to fleet safety

Fleet safety involves more than careful driving; it requires comprehensive pre-trip planning, maintenance, vigilant monitoring, and post-trip inspections.

By implementing these strategies, fleet managers, technicians, and drivers can reduce accidents, breakdowns, and injuries, leading to a more reliable and cost-effective operation.

AMCS offers a suite of products that can help with many issues throughout your safety journey.

AMCS products key

AMCS offers products to support your safety journey, each marked by a corresponding icon below

- **Fleet Maintenance** Maintenance, repair & inspection management
- **Telematics** Intelligent fleet monitoring
- Sample Pro Lubricants analysis
- Route optimization

Route Planner

EHS + ESG Health, safety + sustainability

Steps to safer drivers, on-time deliveries, and increased profit - Pre trip



Customer retention is the key to

driving profit Increasing customer retention rates by just 5% can lead to a 25% to 95% increase in profits (1) 25% 95%

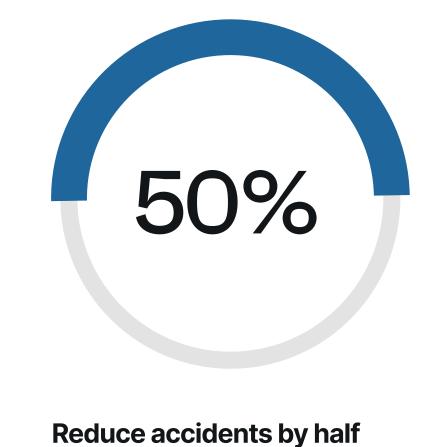
GENERAL SAFETY TIPS

Simple measures improve health, safety, & retention

• Get enough rest and take a

Encourage drivers to:

- break every 3-4 hours • Incorporate exercises/stretching into their daily routine
- Wear comfortable clothes and sunglasses to reduce fatigue • Stay within maximum driving
- times Report safety incidents and
- risks



Implementing comprehensive safety programs can reduce the risk of accidents by up to 50% (2)

PRE-TRIP INSPECTION

• Smart Inspections. Perform pre-trip inspections on your: mobile device such as tires, lights, reflectors, engine, fuel tank, battery, fluids, windshield, emergency kit, mirrors, coupling system, cabin, trailer,

Minimize breakdowns, improve

communication across teams

• Check the load before leaving; ensure everything is secure, capture meter readings

PLAN & OPTIMIZE YOUR ROUTE

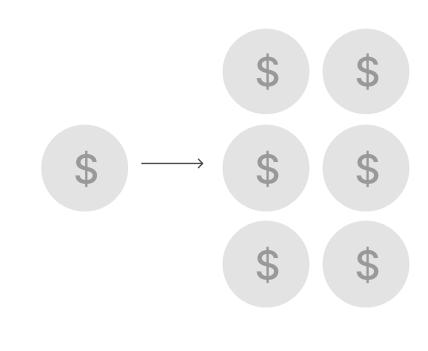
PM programs reduce downtime The average cost of vehicle

downtime due to maintenance issues is estimated to be \$448 per day. Implementing preventive maintenance programs can help reduce downtime and associated costs (3)

PREVENTIVE MAINTENANCE PLANNING

Increased efficiency, more on-time deliveries, higher customer satisfaction rates

- Get PMs done on time scheduled inspections, adjustments and repairs
- Torque Check Automate work orders to make sure lug nuts are properly tightened to avoid road hazards
- Keep records of work accomplished



programs It's estimated that for every \$1

Clear-cut ROI on safety

invested in workplace safety, businesses can see a return of up to \$6 in increased productivity, reduced absenteeism, and lower turnover rates (4)

Plan ahead for maximum efficiency

back of truck

Encourage drivers to:

- Prepare for specific stops along the route and ensure GPS is set before turning on the engine
- Bring any necessary PPE equipment and be prepared with proper signage (indicating any hazardous materials)
- Plan for bridge heights and road closures and check the weather for poor driving conditions
- Ensure safe loading and unloading procedures

Improved engagement and productivity

Fewer accidents,

The average cost of a non-fatal

injury to a commercial driver is

loss of life, the cost of a fatal

injury can exceed \$1.4 million in

medical expenses, lost wages,

around \$40,000. In addition to the

= \$40,000 (Average cost)

fewer claims

and legal fees (6)

Safety-focused organizations have 38% higher employee engagement levels, leading to greater productivity and innovation (5)

Steps to fewer safety hazards & claims - On road

Costs Non-fatal injury claim \$40K

GENERAL SAFETY TIPS

Listen to local radio for potential

• Signal early so drivers around you

• Brake early to warn drivers behind

you and minimize lane changes

Watch for distracted drivers and

keep a safe following distance

Always wear a seatbelt and avoid

(especially in poor weather

distractions such as texting

can be ready and use flashers

unexpected dangers such as

construction or accidents

Start late, stay late

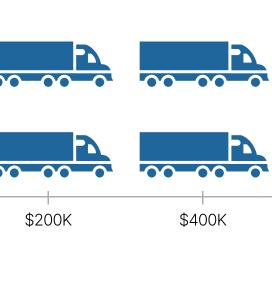
Encourage drivers to:

when necessary

conditions)



Fatal injury claim \$1.4M





\$148K

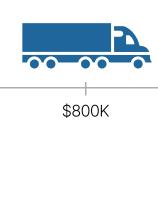
It is estimated that each preventable

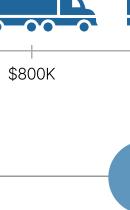
approximately \$148,279 on average (7)

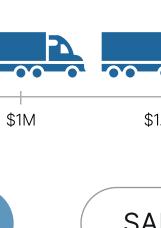
crash involving a large truck costs

Saved with each crash

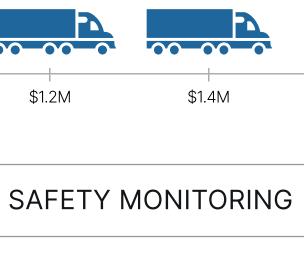
prevented







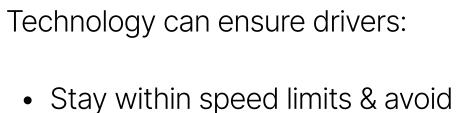
expenses



\$1.8M

Automated data collection

improves uptime & reduces



- rapid acceleration and harsh braking
- automatically and automatically create work requests

Capture trouble codes

 Avoid delays It can also help with:

Increased fuel efficiency and

Remote diagnostics and incident

location tracking

detection



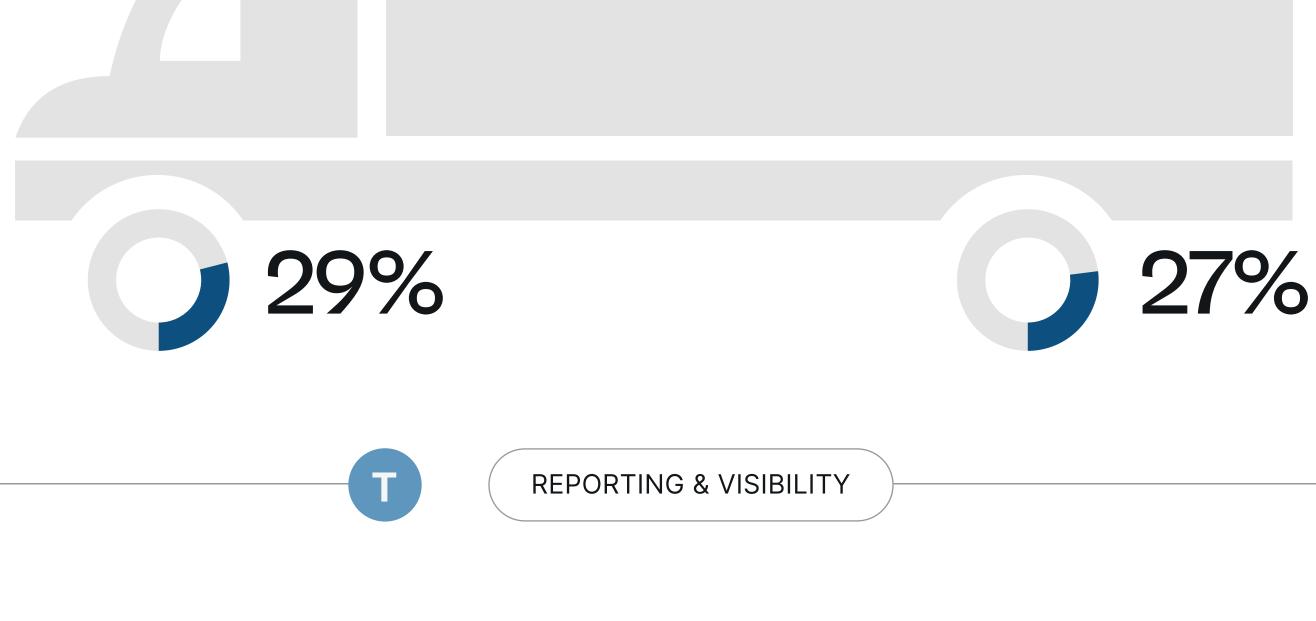
Monitor driver behavior & keep them safe Speeding was involved in 29% of all traffic fatalities (8)

Steps to minimize downtime - Post trip

Operational efficiency & cost reduction

has shown significant benefits, including a 29% improvement in vehicle location efficiency and a **27% improvement** in driver safety and behavior (9)

Adoption of these technologies



Identify safety issues early &

reduce maintenance costs

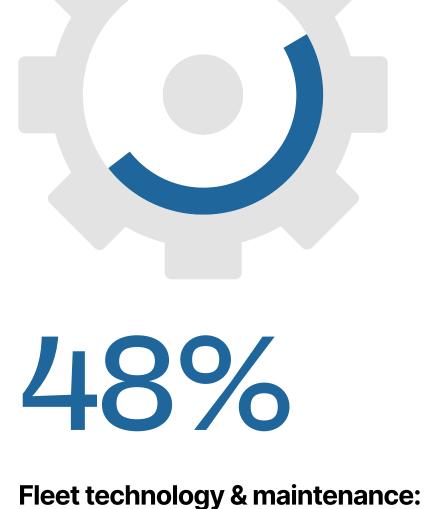
inspections.

POST-TRIP INSPECTIONS

• Inspections may include: Brake system, engine, air compressor and lines, tires, wheels, rims, horn,

Encourage drivers to perform post-trip

- headlights, stop lights, clearance lights, oil pressure, suspension systems, windows and windshield, belts and hoses, fuses, radiator, muffler, emergency equipment, steering system, and coupling devices Make it easy to perform inspections on a mobile device with a tool that automatically generates work orders for issues
- reported Make sure technicians act quickly on any issues reported in the inspections



managers Investment in fleet technology and proper maintenance directly improves safety measures, which is a top priority for 48% of fleet managers (10)

A safety priority for 48% of fleet

Gain visibility into your operation

Create dashboards for reporting and visibility into work coming due Common reports may include:

 Fuel cost trends Asset status Fleet cost summary

Maintenance cost trend

• # Assets out of service • # Open work orders

give you more control

 PMs by status More maintenance programs

• Perform regular maintenance on a schedule such as brake pad

changes and oil changes

- Implement an oil sampling program to detect contamination, equipment and lubricant condition

20% **Extend Vehicle Lifespan by Up to** 20% with Preventive Maintenance Regular and predictive maintenance facilitated by fleet software can extend the

lifespan of vehicles by up to 20%. This reduces the frequency of new vehicle purchases and lowers long-term capital

expenditures (11)

The Journey to Fleet Safety **Goes Beyond the Road**

Maintaining a safe fleet goes beyond careful driving. It involves pre-trip planning, ongoing maintenance, post-trip inspections,

can streamline preventive maintenance, optimize routes, and improve fleet efficiency. Discover how AMCS can help you achieve a

TAKE A TEST DRIVE

(6) National Safety Council (7) The Federal Motor Carrier Safety Administration (FMCSA) (8) National Highway Traffic Safety Administration, (2023) Crashes" and team collaboration. Our

"Almost One-Third of Traffic Fatalities Are Speed-Related (9) Efficient Driving to Conserve Fuel (10) The Future of Fleets (2024) (11) Fleet Management Statistics for 2022-2023: What You Need to Know, Tourmo (2022)

(1) Reichheld, F. F., & Sasser, W. E. (1990). "Zero Defections:

(2) National Highway Traffic Safety Administration (NHTSA)

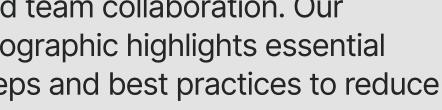
(4) Occupational Safety and Health Administration (OSHA)

Quality Comes to Services." Harvard Business Review

(3) American Automobile Association (AAA) (2019)

(5) American Society of Safety Professionals (ASSP)

CINCS



infographic highlights essential steps and best practices to reduce accidents, minimize downtime, and ensure compliance. Ready to elevate your fleet's safety and performance? With AMCS Fleet Maintenance, you

safer, more reliable fleet.