

TIRE SAFETY: PROTECTING WHAT MATTERS MOST

Four tires for every car sounds easy enough. But behind that simplicity lies decades of continuous innovation and change to make tires as safe and sustainable as possible for both people and our planet. The complexity of today's tires keeps things simple for consumers, offering fine-tuned, familiar and dependable equipment ready to get drivers wherever they need to go.



A tiny **patch of tire** no bigger than your hand is the only contact between your vehicle and the road. These **few square inches of material** provide the grip that enables your ability to safely brake, turn, and accelerate.

Drivers travel **3.26 trillion miles** in the U.S. each year. Tires manufactured by USTMA members **safely transport millions of Americans** and millions of tons of goods across the country each day.

COMPLEXITY



Tires are **highly engineered and regulated to ensure their safety, quality and durability** – more complex to design and build than you might think.

200

Over **200 different materials** make up the modern tire including sustainable materials such as **natural rubber and synthetic rubber, silica, guayule, rice husk ash, dandelion roots, soybean oil and even walnut shells.**



INNOVATION

Invented in 1888, tires have seen **more than a century of innovation**. These **modern marvels of safety, performance and reliability** now incorporate dozens of complex components and countless design features.

\$1,000,000,000s

Tire manufacturers invest **billions of dollars every year** to make tires safer, more efficient and sustainable.



Learn more at www.ustires.org/safety