

# Plastic in Action

## Transportation

**Plastic plays a crucial role in modern day transportation and infrastructure, improving vehicle safety, efficiency, and comfort while supporting sustainable construction practices. From roads to runways and railcars, plastic materials reduce weight, enhance durability, and help keep post-consumer plastics in the economy and out of the environment.**



Plastics make our cars lighter, safer, and more fuel-efficient through impact-absorbing parts and advanced components.



Airplanes, motorcycles and trains benefit from lightweight plastic materials improving fuel economy, safety, and passenger comfort.



Plastic is essential in building modern roads by incorporating the use of recycled materials, boosting durability and sustainability.



From highways to railways and aviation to electric vehicles, transportation infrastructure depends on plastic materials for lightweight durability, corrosion resistance, and long-lasting, cost-effective performance across all modes of travel.

**Plastic materials account for roughly 50% of the car's volume by construction, but only about 10% of its weight.**

More than one million Americans work in jobs directly or indirectly connected to the plastics industry, spanning a wide range of sectors. From the engineers who design the machinery that manufactures essential plastic products, to the material suppliers distributing raw plastics, to the processors shaping materials into goods, and the recyclers giving used plastic a second life, the plastics supply chain is a vital aspect within both the U.S. and global economy.