



# be tire smart play your **PART**

PRESSURE • ALIGNMENT • ROTATION • TREAD

A consumer education program of the Rubber Manufacturers Association

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## NATIONAL TIRE SAFETY WEEK

### 2010 TIRE PRESSURE SURVEY FACT SHEET – Charlotte<sup>1</sup>

- Only 15% of vehicles had four properly inflated tires.
- Nearly 51% of vehicles had at least one under inflated tire.
- 14% of vehicles had at least one tire under inflated by 8 pounds per square inch (psi).
- 20% of vehicles had at least one tire under inflated by 6 psi.
- 29% of vehicles had at least one tire under inflated by 4 psi.
- Tires may lose up to 1 psi per month.
- Many vehicles equipped with tire pressure monitoring systems would not issue a warning even after a drop in tire pressure of 8 psi. These systems issue a low pressure warning only after tire pressure drops 25%.
- Properly inflated tires can improve fuel efficiency by 3.3% and save \$.09 a gallon at the pump. Approximately 1.2 billion gallons of fuel are wasted each year by U.S. motorists driving on under inflated tires.
- The National Highway Traffic Safety Administration (NHTSA) estimates that under inflated tires contribute to more than 600 fatalities and 33,000 injuries each year.

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<sup>1</sup> Two hundred eighty-two vehicles' tire pressures checked by Firestone Complete Auto Care outlets in the Charlotte area.