

## Gasoline Savings Information Guide

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### Fact

Americans use about 375 million gallons of gasoline per day. That equals 136,875,000,000 gallons per year.

220 million vehicles in the U.S. drive 11,600 miles per year. That equals 6,991,780,821.918 combined miles per day.

You can improve your gas mileage by around 3.3% by keeping tires inflated to the proper pressure. Under-inflated tires can lower gas mileage by 0.4% for every 1 psi drop in pressure of all four tires.

Every gallon of gasoline a vehicle burns puts 20 pounds of carbon dioxide into the atmosphere.

The U.S. uses about 20 million barrels of oil per day, two-thirds of which is used for transportation. One barrel of crude oil (42 gallons) produces approximately 19.9 gallons of finished motor gasoline.

As many as 85% of motorists do not properly check their tire inflation pressure.

### Source

[www.eia.doe.gov](http://www.eia.doe.gov)

Energy Information Administration  
Official Energy Statistics from the U.S. Government

[www.eia.doe.gov](http://www.eia.doe.gov)

Energy Information Administration  
Official Energy Statistics from the U.S. Government

[www.fueleconomy.gov](http://www.fueleconomy.gov)

US Department of Energy  
US Environmental Protection Agency

[www.fueleconomy.gov](http://www.fueleconomy.gov)

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[www.fueleconomy.gov](http://www.fueleconomy.gov)

US Department of Energy  
US Environmental Protection Agency

[www.rma.org](http://www.rma.org)

Rubber Manufacturers Association  
February 2003 RMA survey

### Conclusion

If 85% of the 220 million vehicles on the road today improved their gas mileage by 3.3%, the U.S. would save:

**3,716,692,884.802**

Gallons of gas per year.

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### formulas

*Outlined fields are user input fields*

Vehicles on road:	220,000,000.000	<input type="text" value="85.00%"/>	Percent of vehicles =	187,000,000.000
Gallons of gasoline used per day:	375,000,000.000		Gallons of gas used per day:	318,750,000.000
Miles driven per day:	6,991,780,821.918		Miles driven per day:	5,943,013,698.630
MPG per vehicle:	18.645			
		<input type="text" value="3.30%"/>	Percent of MPG increase =	19.260      MPG

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### results

19.260 MPG @ miles driven per day = 308,567,279.768 Gallons of gas used per day.  
That equals a savings of: 10,182,720.232 Gallons of gas per day or, 3,716,692,884.802 Gallons /yr