Gas Mileage and Car Shopping – Quick Reference Tables

Table 1: Gas Savings from Equal Improvements in MPG

Miles Per Gallon	Gallons Consumed per 100 Miles Driven	Gallons Consumed per 10,000 Miles Driven
10	10.00	1,000
15	6.67	667
20	5.00	500
25	4.00	400
30	3.33	333
35	2.86	286
40	2.50	250
45	2.22	222
50	2.00	200

Table 2: MPG Improvements that Save Equal Amounts of Gas

Miles Per Gallon	Gallons Consumed per 100 Miles Driven	Gallons Consumed per 10,000 Miles Driven
10.0	10.00	1,000
11.0	9.00	900
12.5	8.00	800
14.0	7.00	700
16.5	6.00	600
20.0	5.00	500
25.0	4.00	400
33.0	3.00	300
50.0	2.00	200

Table 2 shows that the changes 10 to 11, 16.5 to 20, and 33 to 50 save the same amount of gas for a given distance driven (one gallon of gas per 100 miles or 100 gallons of gas per 10,000 miles).

For more information about "The MPG Illusion" and other research from Duke University's Fuqua School of Business, please visit www.fuqua.duke.edu or contact Laura Brinn at laura.brinn@duke.edu.