

2008 Energy Statistics – Transportation and Heating Fuels

Transportation Fuel Prices^{1,2}

- In 2008, the highest gas price was \$4.114 per gallon on July 17.

Transportation Fuels Prices per Gallon		
	2007	2008
Gasoline	\$2.866	\$3.289
Diesel	\$3.020	\$3.821

- Using these price averages, Wisconsinites spent **\$11.2 billion** on transportation fuel in 2008, an increase of \$1.4 billion over 2007³.

Transportation Expenditures per Household		
	2007	2008
Annually	\$4,348	\$4,994
Monthly	\$362	\$416

- Household transportation expenditure figures include a wide variety of transportation costs from the price of fuel at the pump, to your property taxes, and the delivery costs built into the price of household products.

Transportation Fuel Consumption

- Wisconsin used 81 million **fewer** gallons of gasoline than during 2007, a decrease of 3.12 percent.
- Wisconsin used 2.1 million **more** gallons of diesel than during 2007, an increase of 0.3 percent.

Transportation Fuels Consumed		
	2007	2008
Gasoline	2.6 billion gallons	2.5 billion gallons
Diesel	780.4 million gallons	782.5 million gallons

Heating Fuels Prices⁴

- 2008 saw increases in fuel prices, especially those used for heating, and electricity.⁵
 - Heating oil prices rose 10.4 percent from \$2.69/gallon in 2007 to \$2.97/gallon in 2008.
 - Liquefied Petroleum (LP) Gas prices increased 18 percent from \$1.89/gallon in 2007 to \$2.23/gallon in 2008.
 - Natural Gas prices increased by 16.5 percent, from \$9.92 per million British thermal units (MMBtu) in 2007 to \$11.56 MMBtus in 2008.⁶
 - Residential electricity prices increased 6.7 percent from \$.1105/kilowatthour (kWh) to \$.1179/kWh.

Ethanol – E10 and E85 in Wisconsin

- The use of ethanol in 2008 increased by 34.6 percent from 161.2 million gallons in 2007 to 217 million gallons in 2008.
- A larger percentage of Wisconsin's gasoline is mixed with ethanol. In 2008, 85.5 percent of Wisconsin's gasoline was an ethanol blend, compared to 60.6 percent in 2007.²
- From August 2007 to August 2008, the number of gas stations selling E85 (85 percent ethanol and 15 percent gasoline) increased from 67 to 111.

¹ From the American Automobile Association, Daily Fuel Gauge Report. <http://www.fuelgaugereport.com/WIavg.asp>

² This includes fuel usage in the agriculture sector, but does not include rail or aviation fuel.

³ 2007 transportation expenditures were \$7,390.3 million for motor gasoline including ethanol and \$2,350.6 million for diesel fuel, for a total of \$9,740.9 million. See page 122 in the 2008 Wisconsin Energy Statistics book.

⁴ All prices are statewide averages.

⁵ Heating fuel and LP rates are gathered from fuel retailers across the state as part of an OEI telephone survey. Electricity price averages are compiled from rates reported to the Public Service Commission of Wisconsin. Natural Gas rates are compiled from rates reported by utilities on their websites.

⁶ Natural gas prices are set during the summer when gas is purchased and stored by utilities. Prices were higher during summer 2007, which drove up natural gas prices for the 2008-2009 heating season.