

Where to Find Data

Amount:

Amount of Foreign Oil Imported:

<[http://www.eia.gov/dnav/pet/hist/LeafHandler.ashx?
n=PET&s=MCRIMUS1&f=A](http://www.eia.gov/dnav/pet/hist/LeafHandler.ashx?n=PET&s=MCRIMUS1&f=A)>

Amount of U.S. Oil Produced:

<http://www.eia.gov/dnav/pet/pet_crd_crpdn_adc_mbbl_a.htm>

Amount of Ethanol Produced:

<[http://www.eia.gov/dnav/pet/hist/LeafHandler.ashx?
n=pet&s=m_epooxe_yop_nus_1&f=a](http://www.eia.gov/dnav/pet/hist/LeafHandler.ashx?n=pet&s=m_epooxe_yop_nus_1&f=a)>

Ethanol Industry's Data: (42 gallons = one barrel)

<Ethanolrfa.org>, then click on "The Industry," "Industry Statistics."

Amount of Biodiesel Produced: (42 gallons = one barrel)

<<http://www.eia.gov/biofuels/biodiesel/production/table1.pdf>>

Price:

THE Oil Price in the media, a/k/a Gamblers' Guess of Future Price:

<[http://www.eia.gov/dnav/pet/hist/LeafHandler.ashx?
n=PET&s=RCLC1&f=D](http://www.eia.gov/dnav/pet/hist/LeafHandler.ashx?n=PET&s=RCLC1&f=D)>

Same as above:

<http://online.wsj.com/mdc/public/page/mdc_commodities.html>

Foreign Oil Price:

<[http://www.eia.gov/dnav/pet/hist/LeafHandler.ashx?
n=PET&s=I000000008&f=a](http://www.eia.gov/dnav/pet/hist/LeafHandler.ashx?n=PET&s=I000000008&f=a)>

U.S. Oil Price:

<[http://www.eia.gov/dnav/pet/hist/LeafHandler.ashx?
n=pet&s=f000000__3&f=a](http://www.eia.gov/dnav/pet/hist/LeafHandler.ashx?n=pet&s=f000000__3&f=a)>

British Thermal Units of Energy:

Gallon of gasoline = 124,238 BTUs.

<http://www.eia.gov/EnergyExplained/?page=about_btu>

Gallon of ethanol = 76,330 BTUs.

<http://www.afdc.energy.gov/fuels/fuel_comparison_chart.pdf>

Pounds of Carbon Dioxide:

Gallon of gasoline = 19.64 pounds CO₂; gallon of ethanol = 12.72 pounds CO₂.

<<http://www.eia.gov/tools/faqs/faq.cfm?id=307&t=11>>

Pounds of Carbon Dioxide Emitted Per 124,238 BTUs of Energy:

$$\text{Ethanol} = \frac{124,238}{76,330} \times 12.72 = 20.70 \text{ pounds CO}_2$$

$$\text{Gasoline} = 19.64 \text{ pounds CO}_2$$

Using ethanol emits more carbon dioxide into the air than using gasoline

Using ethanol emits 1.06 pounds of carbon dioxide more into the air than using a gallon of gasoline.