

Released: October 2017  
 Next MECS will be fielded in 2019

**Table 1.5 First Use of Energy for All Purposes (Fuel and Nonfuel), 2014;**

**Level: National Data;**

**Row: Energy Sources and Shipments, including Further Classification of 'Other' Energy Sources;**

**Column: First Use per Energy Sources and Shipments;**

**Unit: Trillion Btu.**

Energy Source	Total First Use
<b>Total United States</b>	
Coal	1,260
Natural Gas	6,412
Net Electricity	2,600
Purchases	2,665
Transfers In	31
Onsite Generation from Noncombustible Renewable Energy	6
Sales and Transfers Offsite	101
Coke and Breeze	318
Residual Fuel Oil	87
Distillate Fuel Oil	107
Hydrocarbon Gas Liquids including Ethane	2,446
Other	6,201
Lubricants (a)	262
Special Naphthas (a)	69
Waxes (a)	15
Miscellaneous Nonfuel Products (a)	183
Naphtha	528
Bitumen	523
Kerosene	40
Motor Gasoline	6
Petroleum Coke	705
Still Gas/Waste Gas	1,391
Pulping Liquor or Black Liquor	859
Biomass Total	727
Agricultural Waste	91
Wood Harvested Directly from Trees	64
Wood Residues and Byproducts from Mill Processing	546
Wood-Related and Paper-Related Refuse	26
Net Steam/Hot Water	604
Miscellaneous	288
Shipments of Energy Sources Produced Onsite (b)	597
<b>Total (c)</b>	<b>18,835</b>

(a) These nonenergy products are produced from feedstocks and raw material inputs

used by the petroleum refining industry. The energy content of these products is included in 'Other' to account for their production. The 2014 "Feedstock and Offsite-Produced Fuel at Petroleum Refineries" data may be found on EIA's website:

[https://www.eia.gov/dnav/pet/pet\\_cons\\_psup\\_dc\\_nus\\_mbbl\\_a.htm](https://www.eia.gov/dnav/pet/pet_cons_psup_dc_nus_mbbl_a.htm)

(b) 'Shipments of Energy Sources Produced Onsite' are those shipments produced or transformed onsite from the nonfuel use of other energy sources. For example, at an establishment that processes coal to make coke for later use, the entire quantity of coal is counted as first use. Any onsite consumption of coke is not counted as first use because it would duplicate the coal use. If some of the coke is then sold to another establishment, then that second establishment will consider this coke to be a shipment of an offsite-produced energy source. Hence, the second establishment will count this coke as its first use, thereby resulting in double counting. In order to eliminate the double counting, the energy equivalent of the coke shipment must be subtracted from first use.

(c) 'Total' is the sum of all of the listed energy sources, including 'Other,' minus the shipments of energy sources produced onsite. It is the total amount of first use of energy for all (fuel and nonfuel) purposes.

\* Estimate less than 0.5.

W=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because Relative Standard Error is greater than 50 percent.

NA=Not available.

-- Estimation is not applicable. Energy source is not included in series.

Notes: Totals may not equal sum of components because of independent rounding.

Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2014 Manufacturing Energy Consumption Survey,' and Office of Petroleum and Biofuels Statistics, Form EIA-810, 'Monthly Refinery Report' for 2014.

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**RSE Table 1.5 Relative Standard Errors for Table 1.5;**  
**Unit: Percents.**

Energy Source	Total First Use
<b>Total United States</b>	
Coal	0.7
Natural Gas	0.7
Net Electricity	1.2
Purchases	1.2
Transfers In	5.1
Onsite Generation from Noncombustible Renewable Energy	7.6
Sales and Transfers Offsite	1.0
Coke and Breeze	0.4
Residual Fuel Oil	0.7
Distillate Fuel Oil	5.0
Hydrocarbon Gas Liquids including Ethane	0.4
Other	1.0
Lubricants (a)	0.0
Special Naphthas (a)	0.0
Waxes (a)	0.0
Miscellaneous Nonfuel Products (a)	0.0
Naphtha	0.1
Bitumen	3.1
Kerosene	0.4
Motor Gasoline	5.9
Petroleum Coke	0.1
Still Gas/Waste Gas	0.1
Pulping Liquor or Black Liquor	0.1
Biomass Total	3.8
Agricultural Waste	0.1
Wood Harvested Directly from Trees	4.4
Wood Residues and Byproducts from Mill Processing	4.5
Wood-Related and Paper-Related Refuse	5.5
Net Steam/Hot Water	6.4
Miscellaneous	12.2
Shipments of Energy Sources Produced Onsite (b)	0.1
Total (c)	0.5

(a) These nonenergy products are produced from feedstocks and raw material used by the petroleum refining industry. The energy content of these products is included in 'Other' to account for their production. The 2014 "Feedstock and Offsite-Produced Fuel at Petroleum Refineries" data may be found on EIA's website:

[https://www.eia.gov/dnav/pet/pet\\_cons\\_psup\\_dc\\_nus\\_mdbl\\_a.htm](https://www.eia.gov/dnav/pet/pet_cons_psup_dc_nus_mdbl_a.htm)

(b) 'Shipments of Energy Sources Produced Onsite' are those shipments produced or transformed onsite from the nonfuel use of other energy sources. For example, at an establishment that processes coal to make coke for later use, the entire quantity of coal is counted as first use. Any onsite consumption of coke is not counted as first use because it would duplicate the coal use. If some of the coke is then sold to another establishment, then that second establishment will consider this coke to be a shipment of an offsite-produced energy source. Hence, the second establishment will count this coke as its first use, thereby resulting in double counting. In order to eliminate the double counting, the energy equivalent of the coke shipment must be subtracted from first use.

(c) 'Total' is the sum of all of the listed energy sources, including 'Other,' minus the shipments of energy sources produced onsite. It is the total amount of first use of energy for all (fuel and nonfuel) purposes.

\* Estimate less than 0.5.

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Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2014 Manufacturing Energy Consumption Survey,' and Office of Petroleum and Biofuels Statistics, Form EIA-810, 'Monthly Refinery Report' for 2014.