

Table 1.5 First Use of Energy for All Purposes (Fuel and Nonfuel), 2002;
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	RSE Row Factors
Total United States		
RSE Column Factor:	1.0	
Coal	1,959	10.0
Natural Gas	6,468	1.3
Net Electricity	2,840	1.4
Purchases	2,882	1.4
Transfers In	35	2.6
Onsite Generation from Noncombustible Renewable Energy	8	1.5
Sales and Transfers Offsite	86	0.7
Coke and Breeze	385	1.7
Residual Fuel Oil	255	2.3
Distillate Fuel Oil	151	5.6
Liquefied Petroleum Gases and Natural Gas Liquids	3,070	0.6
Other	8,269	1.4
Asphalt and Road Oil (a)	1,216	-
Lubricants (a)	409	-
Naphtha < 401 Degrees (a)	717	-
Other Oils ≥ 401 Degrees (a)	674	-
Special Naphthas (a)	123	-
Waxes (a)	46	-
Miscellaneous Nonfuel Products (a)	121	-
Kerosene	38	1.3
Motor Gasoline	8	11.9
Crude Oil for Fuel	0	0
Petroleum Coke	974	3.2
Still Gas/Waste Gas	1,484	2.5
Pulping Liquor or Black Liquor	820	0
Biomass Total	601	1.5
Agricultural Waste	40	3.7
Wood Harvested Directly from Trees	35	5.3
Wood Residues and Byproducts from Mill Processing	510	1.7
Wood-Related and Paper-Related Refuse	16	9.4
Net Steam/Hot Water	824	5.6
Miscellaneous	214	3.1
Shipments of Energy Sources Produced Onsite (b)	733	0
Total (c)	22,665	1.4

(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.

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Energy Source	Total First Use	RSE Row Factors
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(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.

NF=No applicable RSE row/column factor.

* 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: To obtain the RSE percentage for any table cell, multiply the cell's corresponding RSE column and RSE row factors. Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Office of Energy Markets and End Use, Energy Consumption Division, Form EIA-846, '2002 Manufacturing Energy Consumption Survey.'