

**Table C4. Total End-Use Energy Consumption Estimates, 2016**  
(Trillion Btu)

State	Coal	Natural Gas <sup>a</sup>	Petroleum							Hydro-electric power <sup>f</sup>	Biomass		Geo-thermal	Solar <sup>i</sup>	Retail Electricity Sales	Net Energy <sup>j,k</sup>	Electrical System Energy Losses <sup>l</sup>	Total <sup>i,k</sup>
			Distillate Fuel Oil	HGL <sup>b</sup>	Jet Fuel <sup>c</sup>	Motor Gasoline <sup>d</sup>	Residual Fuel Oil	Other <sup>e</sup>	Total		Wood and Waste <sup>g</sup>	Losses and Co-products <sup>h</sup>						
Alabama	64.6	290.0	169.0	8.6	18.0	332.7	11.9	36.3	576.6	0.0	162.6	0.0	0.1	0.1	301.0	1,395.1	538.4	1,933.6
Alaska	7.0	302.7	59.7	1.2	104.8	35.2	0.0	27.4	228.4	1.6	2.3	0.0	0.2	(s)	20.9	563.0	37.0	600.0
Arizona	4.1	107.0	148.5	8.7	24.9	349.0	0.0	25.2	556.3	0.0	2.7	2.6	0.3	18.2	266.9	958.3	512.3	1,470.6
Arkansas	4.8	176.6	113.1	6.7	8.5	183.1	(s)	29.7	341.1	0.0	74.0	0.0	0.8	0.1	157.6	755.1	301.4	1,056.5
California	32.1	1,559.6	560.0	57.7	672.6	1,845.7	145.8	325.3	3,607.2	0.1	71.1	11.6	2.1	94.7	876.4	6,254.9	1,575.4	7,830.3
Colorado	6.6	400.2	103.8	16.4	52.5	283.9	0.0	33.8	490.4	0.1	8.3	6.7	0.8	4.7	187.0	1,101.9	382.6	1,484.6
Connecticut	0.0	128.4	94.5	10.7	9.5	181.2	0.2	14.4	310.5	0.0	9.3	0.0	(s)	3.9	98.7	550.8	173.1	723.9
Delaware	2.3	57.2	13.8	4.4	0.7	58.5	1.0	28.4	106.7	0.0	1.2	0.0	0.4	0.7	38.4	207.1	66.4	273.5
Dist. of Col.	(s)	30.1	2.8	(s)	0.0	14.3	0.0	3.4	20.6	0.0	(s)	0.0	(s)	0.3	38.9	89.9	84.2	174.2
Florida	13.1	206.2	308.6	19.4	155.4	1,078.6	54.0	45.8	1,661.8	0.0	127.3	0.0	10.1	28.2	804.3	2,850.9	1,389.3	4,240.2
Georgia	11.1	337.3	225.4	18.2	29.3	577.7	8.5	40.2	899.3	0.1	204.7	6.4	0.3	2.1	471.2	1,932.3	906.6	2,838.9
Hawaii	0.3	3.0	14.4	3.1	74.3	56.8	7.7	17.8	174.0	0.3	7.4	0.0	(s)	8.9	32.2	223.4	59.6	282.9
Idaho	2.4	86.7	70.9	5.2	5.5	95.0	(s)	8.0	184.6	0.0	20.3	3.2	1.5	0.1	78.7	377.5	151.0	528.5
Illinois	82.7	907.2	296.5	71.7	161.0	585.0	0.6	169.8	1,284.7	(s)	17.6	83.9	2.0	1.6	481.3	2,851.7	1,055.5	3,907.1
Indiana	170.5	600.5	233.9	18.4	50.2	382.7	1.7	98.2	785.2	0.0	26.4	61.6	4.6	0.3	353.8	2,000.7	801.5	2,802.3
Iowa	48.4	326.6	149.1	66.3	5.5	208.4	(s)	18.6	448.0	0.0	18.2	207.7	1.3	0.6	165.2	1,186.5	343.2	1,529.8
Kansas	2.3	257.0	119.1	9.1	8.7	164.9	3.6	50.7	356.1	0.0	5.7	26.4	1.0	0.1	139.2	787.8	305.1	1,093.0
Kentucky	20.8	215.6	155.0	32.2	68.0	268.6	(s)	78.9	602.8	0.0	33.9	1.9	2.7	0.3	254.4	1,132.3	570.0	1,702.4
Louisiana	4.1	1,357.1	192.0	495.7	166.1	274.0	37.7	707.6	1,873.0	0.0	134.9	0.0	1.8	1.8	312.0	3,684.6	520.7	4,205.3
Maine	0.4	31.7	70.6	13.4	6.5	96.2	2.4	6.9	196.2	3.0	62.6	0.0	0.1	0.4	39.1	333.3	54.5	387.8
Maryland	12.1	178.3	96.8	10.9	8.8	329.7	0.3	22.8	469.4	0.0	18.4	0.0	0.6	5.0	209.3	892.5	466.8	1,359.3
Massachusetts	0.1	281.7	144.2	10.6	60.9	339.2	1.5	23.3	579.7	(s)	17.2	0.0	0.9	11.9	182.5	1,074.1	348.7	1,422.8
Michigan	39.0	675.9	170.5	44.6	22.8	574.2	3.0	66.3	881.4	0.2	71.1	14.5	5.2	1.0	356.4	2,044.8	706.8	2,751.6
Minnesota	19.8	398.1	159.9	34.6	27.3	323.7	0.8	79.0	625.3	1.2	49.8	62.1	1.1	0.5	227.1	1,385.2	421.7	1,806.9
Mississippi	0.0	184.3	121.8	9.6	97.2	211.1	3.6	53.4	496.7	0.0	56.2	2.9	1.0	0.1	167.4	908.5	257.8	1,166.3
Missouri	17.3	219.7	187.2	21.9	16.6	388.8	0.1	35.1	649.8	0.0	25.4	13.5	0.4	1.6	268.2	1,195.9	584.1	1,780.0
Montana	4.7	72.0	50.1	8.0	5.4	65.6	0.0	35.0	164.2	0.0	4.4	0.0	0.3	0.1	48.1	293.9	100.6	394.5
Nebraska	20.0	166.8	111.3	8.9	7.5	109.3	0.0	8.8	245.8	0.0	3.2	105.8	1.2	0.1	103.0	645.9	222.4	868.3
Nevada	6.4	97.4	64.2	3.8	35.0	141.8	0.0	10.3	255.1	0.0	1.7	0.0	1.5	5.0	123.3	490.6	188.5	679.1
New Hampshire	0.0	24.7	40.3	16.2	2.5	86.3	1.2	5.4	151.9	0.0	11.5	0.0	(s)	0.5	37.2	225.9	75.1	300.9
New Jersey	0.0	456.3	175.9	23.4	187.2	505.6	25.0	86.0	1,003.2	0.0	15.3	0.0	0.5	15.9	257.1	1,748.1	471.3	2,219.4
New Mexico	1.8	174.2	91.7	7.0	7.2	116.0	0.0	23.8	245.8	0.0	6.0	0.0	0.4	1.6	78.6	508.5	159.4	667.8
New York	14.0	848.6	328.1	32.7	201.2	681.9	36.0	66.0	1,346.0	0.6	45.4	8.9	1.2	9.4	504.3	2,778.5	883.0	3,661.5
North Carolina	17.0	236.6	188.2	30.4	14.9	567.7	0.5	51.1	852.8	0.1	92.4	0.0	1.0	3.0	458.6	1,661.5	892.3	2,553.8
North Dakota	95.0	99.2	84.4	10.2	5.6	53.4	0.0	17.2	170.9	0.0	2.6	24.7	1.0	(s)	63.2	452.3	134.2	586.4
Ohio	113.5	772.1	288.1	26.8	67.4	616.8	3.9	141.4	1,144.3	0.0	46.4	28.1	3.4	1.3	513.8	2,623.2	1,061.7	3,684.8
Oklahoma	11.2	447.6	174.8	9.8	52.6	237.9	2.6	73.5	551.2	0.0	30.8	0.0	(s)	0.1	209.9	1,250.8	385.3	1,636.0
Oregon	0.0	138.1	100.1	6.4	28.6	192.0	0.8	18.2	346.0	0.0	52.5	2.2	1.2	2.7	161.6	704.4	273.1	977.5
Pennsylvania	160.8	843.7	323.9	46.4	69.2	596.4	3.5	142.3	1,181.8	0.0	77.4	5.8	2.2	3.5	495.9	2,770.9	984.3	3,755.3
Rhode Island	0.0	40.7	21.0	2.1	4.1	45.0	0.4	6.2	78.8	0.0	1.3	0.0	0.1	0.3	25.7	146.9	39.3	186.2
South Carolina	8.4	146.7	129.7	9.2	11.7	343.7	10.7	39.2	544.1	(s)	88.6	0.0	0.6	0.4	271.5	1,060.5	592.8	1,653.3
South Dakota	3.5	77.7	44.0	7.0	4.9	58.4	(s)	4.8	119.3	0.0	2.2	55.1	1.9	(s)	41.4	301.1	82.2	383.2
Tennessee	50.5	251.0	165.6	9.6	76.5	412.8	0.1	73.3	738.0	0.0	61.6	11.9	0.2	0.8	343.8	1,457.9	753.4	2,211.3
Texas	13.8	2,575.6	1,021.0	1,930.4	477.6	1,709.8	191.3	1,196.2	6,526.4	0.0	79.9	20.6	2.5	4.2	1,360.2	10,583.6	2,599.9	13,183.5
Utah	13.1	189.3	81.9	4.3	39.4	144.4	0.0	33.6	303.5	0.0	1.3	0.0	0.8	1.4	103.0	612.4	197.7	810.1
Vermont	0.0	12.4	27.5	9.2	1.6	37.5	0.2	5.1	81.2	0.0	7.8	0.0	(s)	0.8	18.8	121.0	7.6	128.7
Virginia	46.5	261.3	181.6	21.3	61.5	490.0	5.1	35.2	794.7	0.1	77.1	1.3	1.7	0.9	383.1	1,566.8	765.2	2,332.0
Washington	1.9	237.0	156.4	16.5	118.2	339.0	112.5	105.9	848.5	0.0	99.6	0.0	1.1	0.9	303.3	1,492.3	565.9	2,058.2
West Virginia	30.6	176.6	75.7	13.1	1.2	99.6	0.3	17.3	207.3	4.6	16.3	0.0	(s)	0.1	109.4	545.0	221.2	766.2
Wisconsin	19.4	377.8	143.3	32.4	10.0	317.2	0.9	44.1	548.0	1.6	74.6	28.4	0.6	0.6	237.9	1,288.9	492.2	1,781.1
Wyoming	32.2	131.4	78.8	4.1	3.1	44.7	0.0	28.2	158.8	0.0	1.1	0.0	0.7	(s)	56.5	380.7	122.2	502.9
United States	1,230.5	18,173.6	8,129.0	3,288.5	3,349.9	17,251.4	680.0	4,314.5	37,013.2	13.7	2,129.4	797.9	63.5	241.0	12,837.5	72,430.2	24,884.6	97,314.7

<sup>a</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.  
<sup>b</sup> Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.  
<sup>c</sup> Includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."  
<sup>d</sup> Motor gasoline as it is consumed; includes fuel ethanol blended into motor gasoline.  
<sup>e</sup> Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.  
<sup>f</sup> Conventional hydroelectric power. Does not include pumped-storage hydroelectricity.  
<sup>g</sup> Wood, wood-derived fuels, and biomass waste.  
<sup>h</sup> Losses and co-products from the production of fuel ethanol.  
<sup>i</sup> Solar thermal and photovoltaic energy.  
<sup>j</sup> Includes a small amount of wind energy consumed by commercial and industrial utility-scale facilities. U.S.

total includes -19.1 trillion Btu of net imports of coal coke that are not allocated to the states.  
<sup>k</sup> Adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.  
<sup>l</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.  
Where shown, (s) = Value less than 0.05 trillion Btu.  
Notes: Total end-use consumption estimates are the sum of the consumption estimates for the residential, commercial, industrial, and transportation sectors. • Totals may not equal sum of components due to independent rounding.  
Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.  
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.