

Table C4. Total End-Use Energy Consumption Estimates, 2018
(Trillion Btu)

State	Coal	Natural Gas ^a	Petroleum							Total	Hydroelectric power ^g	Biomass		Geothermal	Solar ^j	Electricity Retail Sales	Net Energy ^{k,l}	Electrical System Energy Losses ^m	Total ^{k,l}
			Distillate Fuel Oil ^b	HGL ^c	Jet Fuel ^d	Motor Gasoline ^e	Residual Fuel Oil	Other ^f	Wood and Waste ^h			Losses and Co-products ⁱ							
Alabama	59.9	327.7	155.6	9.5	14.5	326.0	7.2	33.7	546.5	0.0	162.2	(s)	0.1	0.2	308.1	1,404.7	550.1	1,954.8	
Alaska	6.9	320.9	60.4	1.3	99.4	33.8	(s)	22.3	217.2	1.6	7.3	(s)	0.2	(s)	20.4	574.6	35.2	609.8	
Arizona	6.5	104.1	152.3	9.3	24.1	357.6	0.0	23.4	566.7	0.0	5.2	2.6	0.3	24.1	267.3	976.9	510.9	1,487.8	
Arkansas	4.1	211.0	121.5	8.3	9.5	179.2	0.0	27.7	346.2	0.0	73.8	0.1	0.8	0.3	169.2	805.5	314.2	1,119.7	
California	33.3	1,573.3	575.3	58.4	684.8	1,847.8	168.9	332.3	3,667.5	0.1	64.9	11.3	2.1	137.6	871.3	6,361.5	1,605.1	7,966.6	
Colorado	3.8	386.6	125.3	17.1	61.3	284.0	0.0	34.3	521.9	0.1	13.2	6.5	0.8	5.8	192.6	1,127.7	385.6	1,513.3	
Connecticut	0.0	146.1	106.0	12.3	10.3	181.2	0.2	14.0	323.8	0.0	11.6	(s)	(s)	5.5	98.4	585.5	167.5	753.0	
Delaware	0.0	61.8	16.1	4.9	0.7	62.2	0.1	28.1	112.0	0.0	0.9	0.0	0.4	1.0	40.2	216.4	73.9	290.3	
Dist. of Col.	(s)	32.6	2.3	(s)	0.0	14.5	0.0	3.3	20.1	0.0	0.9	0.0	(s)	0.7	38.8	93.1	81.4	174.5	
Florida	12.9	216.2	332.5	19.8	147.3	1,112.9	88.2	46.3	1,747.0	0.0	108.6	(s)	10.1	31.6	815.4	2,941.9	1,339.5	4,281.3	
Georgia	8.4	375.4	218.2	20.0	19.7	603.1	10.8	46.5	918.3	0.1	185.2	6.2	0.3	2.8	477.2	1,973.8	902.3	2,876.1	
Hawaii	0.0	3.2	17.9	3.7	85.5	55.4	9.2	15.7	187.4	0.3	3.9	(s)	(s)	11.4	31.9	235.0	57.9	292.9	
Idaho	2.8	91.6	76.5	6.1	6.5	91.5	(s)	7.2	187.8	0.0	34.3	3.1	1.5	0.3	81.0	402.5	150.7	553.3	
Illinois	82.7	998.0	312.2	74.9	161.6	575.7	0.9	165.8	1,291.0	(s)	12.6	88.2	2.0	2.2	486.7	2,951.8	1,060.1	4,011.9	
Indiana	157.4	688.0	214.3	21.3	62.8	372.9	1.5	97.1	769.9	0.0	31.0	60.7	4.6	1.0	355.6	2,065.3	772.3	2,837.6	
Iowa	46.3	419.3	150.4	74.2	5.5	188.3	0.1	16.3	434.8	0.0	19.0	215.2	1.3	1.2	174.7	1,277.5	338.6	1,616.1	
Kansas	2.5	292.2	128.9	11.3	9.1	155.1	2.2	51.6	358.2	0.0	7.2	25.3	1.0	0.3	143.5	830.3	304.2	1,134.5	
Kentucky	20.0	238.8	160.7	35.9	81.6	268.0	0.1	78.5	624.9	0.0	33.4	1.9	2.7	0.4	261.4	1,183.4	560.5	1,743.9	
Louisiana	4.0	1,551.8	179.5	487.4	172.4	262.3	25.8	747.3	1,874.8	0.0	114.5	0.0	1.8	2.2	321.4	3,870.3	532.8	4,403.2	
Maine	0.5	33.9	71.6	15.1	5.6	78.3	2.0	5.5	178.0	1.0	74.7	(s)	0.1	0.7	42.2	331.1	64.1	395.3	
Maryland	11.9	212.1	101.7	11.7	11.5	324.6	1.0	19.3	469.8	0.0	15.3	0.0	0.6	7.9	211.8	929.1	432.1	1,361.2	
Massachusetts	0.1	314.7	155.9	12.7	56.4	335.7	0.9	21.3	582.9	(s)	17.8	(s)	0.9	19.3	181.8	1,117.7	340.9	1,458.6	
Michigan	53.7	744.8	178.9	52.0	34.9	568.7	5.1	63.3	903.0	0.1	96.6	18.3	5.2	1.3	357.8	2,180.7	713.5	2,894.2	
Minnesota	19.7	446.9	172.2	45.5	20.3	313.7	0.1	72.3	624.1	0.8	60.5	63.2	1.1	1.0	234.5	1,452.1	461.8	1,913.9	
Mississippi	0.0	213.9	125.4	10.0	90.4	200.4	1.3	55.5	483.1	0.0	51.6	2.9	1.0	0.1	171.9	924.5	268.2	1,192.7	
Missouri	19.1	264.9	188.5	26.3	18.9	380.2	(s)	25.9	639.8	0.0	26.8	13.8	0.4	2.2	280.0	1,246.9	600.9	1,847.8	
Montana	4.4	85.4	53.0	9.6	7.1	64.6	0.0	35.8	170.1	0.0	18.2	(s)	0.3	0.2	50.6	329.3	106.0	435.2	
Nebraska	20.3	187.4	114.6	9.9	9.7	109.6	(s)	8.3	252.1	0.0	4.3	113.6	1.2	0.1	105.6	684.1	230.5	914.6	
Nevada	6.8	103.5	74.3	4.4	33.3	148.7	0.0	10.6	271.3	0.0	3.3	0.0	1.9	6.2	128.9	521.9	205.3	727.2	
New Hampshire	0.0	29.3	46.7	17.0	2.8	87.2	1.1	5.5	160.3	0.0	18.1	(s)	(s)	1.1	37.7	246.4	78.3	324.7	
New Jersey	0.0	504.4	168.7	23.7	164.7	471.5	48.3	92.7	969.5	0.0	9.3	0.0	0.5	20.4	259.4	1,763.5	477.2	2,240.7	
New Mexico	1.8	179.0	106.7	7.3	7.4	121.8	0.0	25.9	269.2	0.0	12.6	0.0	0.4	2.5	82.1	547.6	155.2	702.8	
New York	9.7	965.7	360.0	38.2	191.8	696.2	24.3	61.7	1,372.1	0.6	68.7	8.5	1.2	15.0	511.6	2,953.1	901.0	3,854.2	
North Carolina	12.8	259.7	198.1	36.0	18.4	566.6	0.7	53.4	873.1	0.1	88.2	(s)	1.0	3.2	471.9	1,710.1	906.1	2,616.1	
North Dakota	96.1	126.3	108.3	11.0	5.5	52.7	0.0	18.3	195.9	0.0	2.1	24.4	1.0	(s)	70.5	510.8	150.2	661.0	
Ohio	114.1	870.9	301.2	35.5	54.4	610.4	2.4	135.7	1,139.7	0.0	50.3	29.8	3.4	1.7	521.7	2,732.0	1,023.9	3,755.9	
Oklahoma	7.0	507.7	191.5	12.6	39.7	236.6	2.3	75.9	558.7	0.0	29.2	0.1	(s)	0.1	220.3	1,323.2	383.3	1,706.5	
Oregon	1.4	141.3	103.4	8.5	30.7	195.9	0.1	14.9	353.4	0.0	65.3	2.2	1.2	3.3	168.4	736.5	275.7	1,012.2	
Pennsylvania	176.1	955.4	360.6	50.7	103.7	583.6	1.8	140.6	1,240.9	0.0	94.5	5.8	2.2	4.7	508.3	2,987.9	973.7	3,961.6	
Rhode Island	0.0	45.9	26.9	3.0	4.7	46.8	(s)	6.1	87.5	0.0	1.6	(s)	0.1	0.9	25.9	161.8	35.6	197.4	
South Carolina	5.3	158.8	133.9	9.8	13.3	340.1	16.1	38.0	551.3	(s)	87.0	0.0	0.6	2.3	279.1	1,084.4	587.4	1,671.8	
South Dakota	3.0	85.7	46.1	7.6	2.6	57.6	0.1	5.5	119.5	0.0	3.6	55.9	1.9	(s)	43.9	313.6	83.2	396.8	
Tennessee	36.8	300.5	181.4	10.8	76.9	407.1	0.3	72.9	749.3	0.0	65.6	11.6	0.2	0.9	351.1	1,516.1	739.8	2,255.9	
Texas	10.8	2,874.7	1,139.2	2,252.5	628.7	1,749.9	159.5	1,235.2	7,164.9	(s)	76.4	19.9	2.5	7.1	1,448.5	11,605.4	2,653.4	14,258.8	
Utah	8.7	190.3	90.0	5.1	40.1	145.2	(s)	33.5	314.0	0.0	5.1	0.0	0.8	3.7	106.6	629.2	205.9	835.1	
Vermont	0.0	14.2	27.3	10.9	1.5	34.5	0.2	4.8	79.0	0.0	18.2	0.0	(s)	1.3	18.9	131.6	7.5	139.2	
Virginia	43.7	293.0	199.3	22.9	57.7	492.6	1.9	29.9	804.4	(s)	79.6	2.8	1.7	1.3	403.3	1,629.7	771.6	2,401.2	
Washington	1.4	251.5	164.5	17.8	128.5	350.7	64.8	102.9	829.2	0.0	109.9	0.1	1.1	1.5	307.1	1,501.8	576.8	2,078.7	
West Virginia	28.3	211.4	95.1	13.3	1.2	101.0	(s)	14.5	225.2	6.3	12.3	0.0	(s)	0.1	114.8	598.5	234.5	832.9	
Wisconsin	20.1	433.5	154.7	37.0	10.8	324.9	1.1	39.4	568.0	1.3	90.3	30.1	0.6	1.0	242.1	1,387.2	498.7	1,885.9	
Wyoming	31.5	172.9	88.6	5.3	3.4	40.1	0.0	28.2	165.6	0.0	4.9	0.0	0.7	0.1	57.5	433.2	125.4	558.6	
United States	1,196.9	20,218.2	8,634.2	3,709.6	3,532.8	17,209.3	650.5	4,344.7	38,081.0	12.5	2,251.8	824.3	63.8	339.7	13,170.7	76,073.0	25,010.7	101,083.6	

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

total includes -25.6 trillion Btu of net imports of coal coke that are not allocated to the states.
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.
^m 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.