

**SUMMARIES**  
**Table C7. Industrial Sector Energy Consumption Estimates, 2016**  
 (Trillion Btu)

State	Coal	Natural Gas <sup>a</sup>	Petroleum						Hydro-electric power <sup>e</sup>	Biomass		Geo-thermal	Solar <sup>h</sup>	Retail Electricity Sales	Net Energy <sup>ij</sup>	Electrical System Energy Losses <sup>k</sup>	Total <sup>ij</sup>
			Distillate Fuel Oil	HGL <sup>b</sup>	Motor Gasoline <sup>c</sup>	Residual Fuel Oil	Other <sup>d</sup>	Total		Wood and Waste <sup>f</sup>	Losses and Co-products <sup>g</sup>						
Alabama	64.6	214.7	22.9	1.6	4.3	6.0	32.8	67.6	0.0	156.9	0.0	(s)	(s)	111.0	614.9	198.6	813.4
Alaska	(s)	268.4	19.9	0.2	0.5	0.0	26.7	47.3	0.0	0.1	0.0	0.0	(s)	4.7	320.6	8.4	328.9
Arizona	4.1	20.6	30.6	1.8	8.8	0.0	21.6	62.7	0.0	0.3	2.6	0.2	1.6	51.1	143.2	98.1	241.2
Arkansas	4.8	94.4	20.4	2.6	3.8	(s)	27.5	54.4	0.0	65.8	0.0	(s)	0.0	55.4	274.7	105.9	380.6
California	32.1	844.5	75.8	22.7	30.1	0.4	306.4	435.4	0.0	28.8	11.6	1.2	12.8	173.9	1,540.4	312.7	1,853.1
Colorado	6.6	205.3	19.6	2.4	6.1	0.0	31.2	59.3	0.0	0.4	6.7	0.3	(s)	51.5	329.2	105.5	434.6
Connecticut	0.0	24.9	2.9	0.5	1.9	(s)	12.9	18.2	0.0	4.3	0.0	0.0	0.1	11.5	59.1	20.2	79.3
Delaware	2.3	33.1	1.6	0.9	0.7	(s)	27.9	31.0	0.0	0.1	0.0	0.0	(s)	7.7	74.3	13.3	87.6
Dist. of Col.	0.0	0.0	0.2	0.0	0.2	0.0	3.3	3.7	0.0	0.0	0.0	0.0	0.0	0.7	4.4	1.4	5.8
Florida	13.1	106.7	37.8	4.5	22.4	2.1	35.2	102.1	0.0	114.4	0.0	0.0	0.1	57.2	393.5	98.8	492.3
Georgia	11.1	156.6	32.1	6.4	6.4	1.1	34.7	80.6	0.1	194.3	6.4	(s)	1.4	110.2	560.6	212.0	772.6
Hawaii	0.3	0.5	0.9	(s)	1.4	2.6	17.4	22.3	0.3	3.4	0.0	(s)	(s)	12.7	39.1	23.5	62.5
Idaho	2.4	36.4	12.8	0.5	2.9	(s)	6.7	22.9	0.0	16.9	3.2	0.8	(s)	29.4	112.0	56.4	168.3
Illinois	80.3	263.7	42.6	50.8	10.4	0.6	163.9	268.2	0.0	5.7	83.9	0.0	(s)	148.9	847.9	326.5	1,174.3
Indiana	169.0	384.6	31.1	4.8	5.6	0.5	93.6	135.7	0.0	12.5	61.6	0.0	(s)	158.4	920.4	358.8	1,279.3
Iowa	45.4	200.2	45.6	49.0	4.4	0.0	16.0	115.0	0.0	12.5	207.7	0.0	(s)	75.2	637.5	156.2	793.7
Kansas	2.3	144.8	28.4	1.4	5.1	3.6	48.7	87.2	0.0	1.8	26.4	0.0	0.0	38.9	301.5	85.3	386.9
Kentucky	20.5	124.8	19.6	24.9	2.8	(s)	75.9	123.3	0.0	22.0	1.9	0.0	(s)	96.3	388.8	215.9	604.6
Louisiana	4.1	1,232.2	27.2	493.0	3.9	5.0	703.8	1,232.9	0.0	132.9	0.0	(s)	0.0	122.5	2,724.3	204.4	2,928.7
Maine	0.4	19.5	3.4	0.3	1.2	0.8	3.9	9.7	3.0	48.8	0.0	0.0	(s)	9.8	91.2	13.7	104.9
Maryland	12.1	16.2	6.1	1.9	2.8	0.1	20.0	30.9	0.0	8.5	0.0	0.0	0.3	13.0	81.1	29.1	110.1
Massachusetts	0.1	47.1	4.7	0.8	3.8	0.1	20.3	29.7	(s)	7.6	0.0	0.0	0.6	25.6	110.6	49.0	159.6
Michigan	38.7	186.3	22.6	6.1	8.1	0.2	61.4	98.3	0.2	49.3	14.5	0.0	(s)	105.5	492.9	209.3	702.2
Minnesota	19.6	168.5	34.4	9.9	6.6	(s)	75.7	126.7	1.2	34.3	62.1	0.0	(s)	72.4	484.8	134.4	619.3
Mississippi	0.0	122.5	13.3	2.3	1.9	(s)	51.0	68.5	0.0	51.5	2.9	(s)	(s)	54.8	300.2	84.5	384.7
Missouri	16.0	65.1	29.5	4.6	4.7	0.1	31.2	70.1	0.0	2.1	13.5	0.0	(s)	46.1	213.0	100.4	313.4
Montana	4.7	25.5	8.2	0.2	1.7	0.0	33.9	44.1	0.0	1.7	0.0	0.1	0.0	15.1	91.1	31.5	122.6
Nebraska	20.0	96.5	28.2	2.9	3.3	0.0	7.2	41.6	0.0	0.8	105.8	0.0	(s)	38.1	302.7	82.2	384.8
Nevada	6.4	19.1	17.4	0.8	2.3	0.0	9.0	29.4	0.0	0.2	0.0	0.4	0.2	46.1	101.9	70.5	172.4
New Hampshire	0.0	8.7	2.0	0.3	0.9	0.2	4.2	7.5	0.0	4.0	0.0	0.0	(s)	6.8	27.1	13.8	40.9
New Jersey	0.0	63.6	12.7	18.0	6.3	0.0	81.6	118.7	0.0	3.1	0.0	0.0	0.8	24.9	211.0	45.6	256.6
New Mexico	1.8	104.9	12.0	0.9	3.0	0.0	22.2	38.1	0.0	0.1	0.0	0.2	(s)	25.9	171.1	52.5	223.6
New York	14.0	79.8	10.8	3.4	13.8	2.9	56.5	87.3	0.5	24.1	8.9	0.0	0.1	60.4	275.4	105.8	381.2
North Carolina	13.9	109.1	21.8	8.6	6.5	0.3	45.0	82.2	0.0	77.5	0.0	0.0	(s)	93.3	376.1	181.5	557.6
North Dakota	94.0	59.1	32.6	2.6	1.9	0.0	16.1	53.2	0.0	2.2	24.7	0.0	0.0	25.4	256.2	53.8	310.0
Ohio	112.3	309.9	34.0	6.0	7.9	3.8	135.0	186.8	0.0	28.2	28.1	0.0	0.1	171.6	837.4	354.5	1,191.9
Oklahoma	11.2	301.2	23.3	1.5	4.8	2.6	70.5	102.7	0.0	26.2	0.0	0.0	0.0	61.5	502.9	112.9	615.8
Oregon	0.0	61.9	16.3	2.7	3.2	0.8	15.7	38.6	0.0	38.6	2.2	0.2	0.1	43.3	185.0	73.2	258.2
Pennsylvania	159.7	422.0	36.8	21.1	7.5	0.8	135.0	201.3	0.0	54.7	5.8	0.0	0.6	160.8	1,004.9	319.2	1,324.1
Rhode Island	0.0	8.7	0.7	0.5	0.6	0.2	5.8	7.9	0.0	0.1	0.0	0.0	0.0	2.6	19.3	4.0	23.3
South Carolina	8.4	90.9	10.1	2.7	3.0	1.1	35.8	52.7	0.0	85.3	0.0	0.0	(s)	91.1	328.4	198.8	527.2
South Dakota	3.5	47.7	11.0	1.8	1.3	(s)	4.0	18.1	0.0	0.7	55.1	0.3	0.0	9.6	135.0	19.1	154.1
Tennessee	50.5	128.0	12.5	1.7	5.8	0.1	69.0	89.1	0.0	55.1	11.9	0.0	(s)	80.3	415.0	176.1	591.1
Texas	13.8	2,131.0	172.6	1,902.3	18.5	12.6	1,175.5	3,281.5	0.0	69.0	20.6	0.0	0.0	386.9	5,902.8	739.6	6,642.4
Utah	13.1	68.3	12.7	1.3	2.1	0.0	31.9	48.1	0.0	0.2	0.0	0.4	0.1	31.3	161.4	60.2	221.6
Vermont	0.0	2.2	3.2	0.2	0.5	0.1	4.2	8.2	0.0	0.4	0.0	0.0	(s)	4.9	15.7	2.0	17.7
Virginia	45.7	100.5	16.3	3.4	3.7	2.2	30.2	55.9	0.1	58.2	1.3	0.0	(s)	60.2	321.8	120.3	442.1
Washington	1.9	85.5	18.8	5.7	5.0	0.0	101.5	131.0	0.0	84.5	0.0	0.0	(s)	87.6	390.5	163.5	554.0
West Virginia	30.6	103.8	10.2	10.2	1.4	0.3	15.8	38.0	4.6	1.1	0.0	0.0	(s)	43.9	222.1	88.8	310.9
Wisconsin	18.8	149.8	23.7	6.6	5.1	0.9	41.0	77.2	1.6	56.9	28.4	0.0	(s)	82.0	414.8	169.7	584.5
Wyoming	32.1	90.1	21.9	0.4	1.2	0.0	27.2	50.7	0.0	0.1	0.0	0.1	(s)	34.3	207.3	74.1	281.4
United States	1,206.5	9,649.6	1,155.8	2,699.6	262.2	52.4	4,123.7	8,293.8	11.7	1,648.2	797.9	4.2	19.3	3,332.6	24,917.7	6,535.0	31,452.7

<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> Motor gasoline as it is consumed; includes fuel ethanol blended into motor gasoline.  
<sup>d</sup> Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.  
<sup>e</sup> Conventional hydroelectric power. Does not include pumped-storage hydroelectricity.  
<sup>f</sup> Wood, wood-derived fuels, and biomass waste.  
<sup>g</sup> Losses and co-products from the production of fuel ethanol.  
<sup>h</sup> Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.  
<sup>i</sup> U.S. total includes -19.1 trillion Btu of net imports of coal coke that are not allocated to the states.

<sup>j</sup> Includes a small amount of wind energy consumed by industrial utility-scale facilities. 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>k</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: Totals may not equal sum of components due to independent rounding. • The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants.  
 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.