

Table C7. Industrial sector energy consumption estimates, 2022
(trillion Btu)

State	Coal	Natural gas ^a	Petroleum						Hydro-electric power ^e	Biomass		Geo-thermal	Solar ^h	Electricity ⁱ	End use ^{j,k}	Electrical system energy losses ^l	Total ^{j,k}
			Distillate fuel oil	HGL ^b	Motor gasoline ^c	Residual fuel oil	Other ^d	Total		Wood and waste ^f	Losses and co-products ^g						
Alabama	33.1	230.3	21.7	2.9	4.6	3.8	32.7	65.6	0.0	161.0	(s)	(s)	(s)	108.2	598.3	176.0	774.3
Alaska	(s)	375.0	15.3	0.1	0.6	(s)	27.6	43.6	0.0	0.2	0.0	0.0	(s)	4.7	423.4	6.4	429.8
Arizona	6.0	20.1	29.5	2.5	9.8	0.0	23.9	65.7	0.0	1.3	0.0	0.2	0.1	48.8	142.3	77.1	219.5
Arkansas	3.2	109.5	19.9	2.1	4.0	0.0	25.4	51.4	0.0	50.4	0.1	(s)	0.1	61.3	276.0	102.8	378.9
California	30.0	708.9	74.5	23.2	31.4	0.1	283.3	412.6	0.0	32.1	4.4	1.2	10.5	162.1	1,361.9	177.4	1,539.3
Colorado	3.6	170.5	26.7	3.0	6.5	0.0	34.6	70.8	0.0	0.5	8.0	0.3	0.1	51.2	303.7	68.8	372.5
Connecticut	0.0	22.3	3.1	0.5	2.0	(s)	12.8	18.3	0.0	3.6	(s)	0.0	0.2	9.5	53.9	14.8	68.7
Delaware	0.0	32.4	1.6	0.9	0.7	(s)	26.8	30.0	0.0	0.3	0.0	0.0	(s)	6.9	69.7	10.8	80.6
Dist. of Col.	0.0	0.0	0.1	(s)	0.2	0.0	3.3	3.6	0.0	0.0	0.0	0.0	0.0	0.6	4.2	1.0	5.2
Florida	4.5	127.0	38.0	5.2	24.0	1.5	40.3	109.0	0.0	90.2	0.0	0.0	0.1	60.2	391.0	86.1	477.1
Georgia	6.5	159.2	29.8	6.8	6.8	1.0	40.1	84.4	(s)	181.3	(s)	(s)	0.7	116.7	548.9	190.0	738.9
Hawaii	0.0	0.1	1.7	0.1	1.5	3.0	10.3	16.5	0.2	0.1	(s)	(s)	(s)	11.8	28.6	19.1	47.7
Idaho	1.9	40.1	12.2	0.5	3.1	(s)	6.0	21.8	0.0	17.7	3.4	0.8	0.1	32.1	117.8	30.3	148.2
Illinois	68.3	282.9	43.3	48.6	10.8	1.0	166.1	269.7	0.0	6.0	78.5	0.0	(s)	142.7	844.8	264.1	1,109.0
Indiana	137.9	408.7	33.7	6.1	5.5	0.6	93.0	138.8	0.0	13.1	63.6	0.0	(s)	144.9	905.7	274.3	1,180.0
Iowa	42.4	262.4	44.3	43.6	4.3	0.1	13.8	106.1	0.0	11.4	211.0	0.0	(s)	90.6	704.6	66.7	771.3
Kansas	1.8	156.6	28.6	1.7	5.0	3.2	51.8	90.3	0.0	2.3	30.2	0.0	(s)	40.0	321.0	48.9	369.9
Kentucky	20.7	141.3	19.6	29.3	2.9	0.1	57.4	109.4	0.0	28.8	2.0	0.0	(s)	98.3	400.5	188.7	589.2
Louisiana	5.0	1,345.5	28.3	594.9	4.2	3.8	532.3	1,163.5	0.0	102.4	0.0	(s)	(s)	137.0	2,753.4	197.1	2,950.5
Maine	0.0	21.6	3.9	0.3	1.2	1.1	4.6	11.1	0.3	33.3	(s)	0.0	(s)	9.1	75.3	7.4	82.7
Maryland	9.4	16.8	6.0	2.0	3.0	0.1	16.7	27.8	0.0	0.6	0.0	0.0	0.1	12.3	67.0	20.5	87.5
Massachusetts	0.0	49.1	5.0	0.7	4.2	0.1	20.0	29.9	0.0	3.3	(s)	0.0	0.5	21.3	104.1	30.7	134.8
Michigan	47.1	182.5	21.6	7.3	8.4	0.2	62.0	99.4	(s)	43.4	17.4	0.0	(s)	97.2	486.9	177.1	664.0
Minnesota	16.4	161.3	37.3	9.3	6.7	0.1	70.4	123.8	0.2	27.2	69.0	0.0	0.1	70.5	468.5	99.1	567.7
Mississippi	2.0	149.8	15.1	3.1	2.0	(s)	52.5	72.6	0.0	44.0	(s)	(s)	(s)	54.5	323.0	82.3	405.3
Missouri	18.9	66.2	27.7	3.9	5.0	(s)	21.6	58.2	0.0	2.5	16.3	0.0	(s)	45.2	207.4	86.4	293.8
Montana	4.5	30.3	9.1	0.8	1.8	0.0	34.4	46.2	0.0	1.9	0.0	0.1	(s)	15.9	98.9	18.7	117.6
Nebraska	17.1	103.8	27.0	2.5	3.3	0.0	7.8	40.7	0.0	1.1	106.5	0.0	(s)	45.2	314.2	67.3	381.4
Nevada	4.9	19.2	17.6	1.4	2.4	0.0	10.3	31.8	0.0	0.1	0.0	0.4	0.2	42.9	99.5	43.4	142.9
New Hampshire	0.0	9.6	2.1	0.4	1.0	0.2	3.6	7.2	0.0	2.9	(s)	0.0	(s)	6.6	26.3	11.7	38.0
New Jersey	0.0	79.7	10.7	18.1	6.9	0.0	78.2	114.0	0.0	0.6	0.0	0.0	0.7	23.0	218.0	40.0	258.1
New Mexico	1.5	130.9	12.2	1.1	3.0	0.0	20.4	36.8	0.0	0.1	0.0	0.2	(s)	36.8	206.3	41.7	248.0
New York	6.1	91.6	11.9	4.5	14.9	2.9	49.0	83.1	0.1	22.3	3.0	0.0	0.1	55.2	261.5	68.0	329.5
North Carolina	10.0	126.5	21.5	9.6	6.9	0.5	36.7	75.1	0.0	72.3	(s)	0.0	0.1	93.9	378.0	155.5	533.5
North Dakota	85.2	114.3	42.5	3.3	1.8	0.0	15.2	62.7	0.0	1.1	27.6	0.0	0.0	40.0	328.4	52.3	380.7
Ohio	92.6	353.0	34.9	15.8	8.4	2.4	123.4	184.9	0.0	18.9	34.5	0.0	0.1	170.8	854.6	282.2	1,136.8
Oklahoma	4.5	330.3	28.9	1.7	4.8	2.7	70.3	108.4	0.0	29.0	0.1	0.0	(s)	74.4	546.5	70.9	617.4
Oregon	1.1	60.5	14.3	3.3	3.4	0.1	13.4	34.5	0.0	41.7	1.4	0.2	0.1	64.6	203.9	29.3	233.2
Pennsylvania	167.7	542.7	43.4	74.4	8.0	0.6	92.0	218.3	0.0	54.2	6.3	0.0	0.3	173.6	1,163.0	282.3	1,445.3
Rhode Island	0.0	8.6	0.9	0.2	0.7	(s)	6.5	8.3	0.0	0.1	(s)	0.0	(s)	2.2	19.2	2.8	22.1
South Carolina	2.4	102.2	10.9	2.6	3.2	0.6	21.0	38.3	0.0	84.5	0.0	0.0	0.2	89.9	317.5	180.9	498.4
South Dakota	4.2	54.0	10.8	2.3	1.3	(s)	6.3	20.8	0.0	1.7	69.3	0.3	(s)	10.9	161.2	4.6	165.8
Tennessee	27.5	158.6	12.2	2.6	6.2	0.2	50.3	71.5	0.0	30.4	8.6	0.0	(s)	77.8	374.4	139.6	514.0
Texas	6.3	2,485.5	177.9	2,266.5	19.9	15.0	1,122.2	3,601.6	0.0	77.9	18.8	0.0	(s)	491.0	6,678.9	659.6	7,338.5
Utah	7.4	58.3	14.6	2.0	2.3	(s)	33.7	52.6	0.0	0.2	0.0	0.4	(s)	31.1	149.9	51.1	201.0
Vermont	0.0	2.3	3.3	0.2	0.5	0.1	4.3	8.4	0.0	0.2	0.0	0.0	(s)	4.7	15.5	0.5	16.0
Virginia	33.7	119.8	15.4	5.0	4.0	0.9	30.8	56.0	(s)	56.9	(s)	0.0	(s)	57.5	323.9	93.5	417.4
Washington	1.5	87.2	20.4	5.7	5.2	(s)	84.6	116.0	0.0	67.2	0.1	0.0	(s)	72.4	344.4	31.8	376.2
West Virginia	11.2	177.9	17.0	10.9	1.4	(s)	13.7	43.0	1.8	1.1	0.0	0.0	(s)	49.7	284.7	99.2	383.9
Wisconsin	10.0	157.8	25.1	5.5	5.4	1.1	35.1	72.2	0.3	45.4	28.1	0.0	0.1	80.4	394.3	140.8	535.1
Wyoming	27.3	120.7	24.9	1.4	1.3	0.0	20.4	48.0	0.0	0.1	0.0	0.1	(s)	33.7	229.8	58.5	288.3
United States	985.5	10,765.6	1,197.9	3,240.3	276.4	47.0	3,712.6	8,474.2	3.1	1,469.3	808.2	4.2	14.8	3,481.8	25,919.3	5,130.5	31,049.7

^a Includes supplemental gaseous fuels that are commingled with natural gas.
^b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
^c Includes fuel ethanol blended into motor gasoline.
^d Includes asphalt and road oil, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
^e Conventional hydroelectric power. Excludes hydroelectric pumped-storage.
^f Wood, wood-derived fuels, and biomass waste.
^g Losses and co-products from the production of biodiesel and fuel ethanol.
^h Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.
ⁱ Electricity sales to ultimate customers.
^j U.S. total includes -55.8 trillion Btu of net imports of coal coke that are not allocated to the states.

^k 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 End Use and Total.
^l 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>.
 Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>