

**Table C3. Primary Energy Consumption Estimates, 2018**  
(Trillion Btu)

State	Fossil Fuels										Fossil Fuels (as commingled)			
	Coal	Natural Gas excluding Supplemental Gaseous Fuels <sup>a</sup>	Petroleum							Total	Total	Natural Gas including Supplemental Gaseous Fuels <sup>a</sup>	Distillate Fuel Oil including Biodiesel <sup>a</sup>	Motor Gasoline including Fuel Ethanol <sup>a</sup>
			Distillate Fuel Oil excluding Biodiesel <sup>a</sup>	HGL <sup>b</sup>	Jet Fuel <sup>c</sup>	Motor Gasoline excluding Fuel Ethanol <sup>a</sup>	Residual Fuel Oil	Other <sup>d</sup>	Total					
Alabama	377.2	770.9	150.6	9.5	14.5	304.0	7.2	33.7	519.6	1,667.6	770.9	156.4	326.0	
Alaska	17.3	346.3	64.4	1.3	99.4	33.8	(s)	22.3	221.2	584.8	346.3	65.2	33.8	
Arizona	331.5	400.6	150.6	9.3	24.1	332.2	0.0	23.4	539.5	1,271.6	400.6	152.8	357.6	
Arkansas	304.1	366.9	117.3	8.3	9.5	167.1	0.0	27.7	329.9	1,001.0	366.9	121.8	179.2	
California	33.3	2,207.4	552.2	58.4	684.8	1,716.3	168.9	332.3	3,512.8	5,753.5	2,207.4	575.7	1,847.8	
Colorado	284.5	519.6	124.6	17.1	61.3	263.8	0.0	34.3	501.0	1,305.1	525.1	125.5	284.0	
Connecticut	4.0	286.0	105.8	12.3	10.3	168.3	2.1	14.0	312.7	602.7	286.0	107.3	181.2	
Delaware	4.3	99.4	17.1	4.9	0.7	57.7	0.8	28.1	109.4	213.1	99.4	17.4	62.2	
Dist. of Col.	(s)	32.6	2.3	(s)	0.0	13.4	0.0	3.3	19.0	51.7	32.6	2.3	14.5	
Florida	327.8	1,511.1	330.8	19.8	147.3	1,036.5	91.3	62.3	1,688.0	3,526.9	1,511.1	335.4	1,112.9	
Georgia	340.2	759.3	217.7	20.0	19.7	561.7	10.8	46.5	876.3	1,975.8	759.3	220.7	603.1	
Hawaii	14.4	0.2	28.9	3.7	85.5	51.4	62.0	15.7	247.2	261.8	3.2	30.3	55.4	
Idaho	2.8	115.8	76.0	6.1	6.5	85.0	(s)	7.2	180.8	299.4	115.8	76.5	91.5	
Illinois	704.6	1,127.5	289.5	74.9	161.6	536.0	0.9	165.8	1,228.6	3,060.6	1,140.8	312.8	575.7	
Indiana	985.7	890.4	210.2	21.3	62.8	348.2	1.5	97.1	741.1	2,617.2	894.2	215.5	372.9	
Iowa	325.7	431.5	143.8	74.2	5.5	173.6	0.1	16.3	413.4	1,170.2	470.1	151.2	188.3	
Kansas	227.7	321.4	126.4	11.3	9.1	144.9	2.2	51.6	345.6	894.6	321.4	129.6	155.1	
Kentucky	655.9	356.5	157.8	35.9	81.6	250.2	0.1	78.5	604.1	1,616.5	356.5	161.8	268.0	
Louisiana	137.8	1,860.7	173.1	487.4	172.4	244.5	25.8	793.8	1,897.0	3,895.5	1,860.7	179.8	262.3	
Maine	2.1	48.4	70.7	15.1	5.6	72.8	3.9	5.5	173.6	224.1	48.4	71.6	78.3	
Maryland	124.2	313.0	102.8	11.7	11.5	301.6	1.6	19.3	448.5	885.7	313.4	104.3	324.6	
Massachusetts	0.1	452.6	155.4	12.7	56.4	311.8	3.9	21.3	561.5	1,014.2	452.7	157.6	335.7	
Michigan	506.1	1,010.8	175.7	52.0	34.9	531.6	5.2	78.0	877.4	2,394.3	1,010.8	180.1	568.7	
Minnesota	261.5	514.5	157.4	45.5	20.3	286.9	0.1	72.3	582.6	1,358.6	514.5	172.6	313.7	
Mississippi	60.0	591.4	121.0	10.0	90.4	186.9	1.3	55.5	465.2	1,116.6	591.4	125.7	200.4	
Missouri	668.2	329.8	185.0	26.3	18.9	354.6	(s)	25.9	610.7	1,608.7	329.8	189.7	360.2	
Montana	152.3	90.8	53.1	9.6	7.1	60.0	0.0	42.9	172.7	415.8	90.8	53.2	64.6	
Nebraska	264.1	196.4	112.0	9.9	9.7	102.4	(s)	8.3	242.3	702.8	197.1	114.8	109.6	
Nevada	35.0	310.8	73.4	4.4	33.3	138.1	0.0	10.6	259.8	605.6	310.8	74.4	148.7	
New Hampshire	7.8	51.5	46.6	17.0	2.8	81.0	2.3	5.5	155.2	214.4	51.5	47.2	87.2	
New Jersey	16.7	799.6	167.8	23.7	164.7	437.9	48.3	92.7	935.1	1,751.4	799.6	170.2	471.5	
New Mexico	136.8	281.2	104.8	7.3	7.4	113.9	0.0	25.9	259.4	677.4	281.2	106.9	121.8	
New York	16.7	1,393.7	355.4	38.2	191.8	647.4	34.4	61.7	1,328.9	2,739.3	1,393.7	364.5	696.2	
North Carolina	325.1	599.3	202.2	36.0	18.4	527.7	0.7	53.4	838.4	1,762.8	599.3	205.1	566.6	
North Dakota	407.3	130.5	106.1	11.0	5.5	49.0	0.0	18.3	189.9	727.6	136.9	108.8	52.7	
Ohio	717.8	1,211.9	296.3	35.5	54.4	570.5	2.4	151.4	1,110.5	3,040.2	1,212.3	303.8	610.4	
Oklahoma	171.3	834.6	187.0	12.6	39.7	221.2	2.3	75.9	538.7	1,544.5	834.6	191.7	236.6	
Oregon	16.9	271.3	96.8	8.5	30.7	181.9	0.1	14.9	332.9	621.1	271.3	103.4	195.9	
Pennsylvania	644.1	1,513.2	363.3	50.7	103.7	543.1	1.8	140.6	1,203.2	3,360.4	1,513.2	368.3	583.6	
Rhode Island	0.0	104.7	27.2	3.0	4.7	43.5	(s)	6.1	84.4	189.2	104.7	27.5	46.8	
South Carolina	205.2	336.8	135.4	9.8	13.3	316.8	16.1	38.0	529.4	1,071.4	336.8	137.3	340.1	
South Dakota	27.6	95.5	45.0	7.6	2.6	53.5	0.1	5.5	114.4	237.6	95.5	46.2	57.6	
Tennessee	251.8	403.5	178.2	10.8	76.9	380.5	0.3	72.9	719.5	1,374.8	403.5	182.7	407.1	
Texas	1,189.3	4,564.1	1,097.7	2,252.5	628.7	1,625.3	159.5	1,235.2	6,998.9	12,752.2	4,564.1	1,139.8	1,749.9	
Utah	273.1	253.5	89.8	5.1	40.1	134.8	(s)	33.5	303.4	830.0	253.5	90.4	145.2	
Vermont	0.0	14.2	26.9	10.9	1.5	32.1	0.2	4.8	76.3	90.6	14.2	27.3	34.5	
Virginia	149.3	666.9	203.2	22.9	57.7	458.1	4.5	29.9	776.4	1,592.6	667.0	206.0	492.6	
Washington	61.2	334.8	161.6	17.8	128.5	325.8	64.8	102.9	801.3	1,197.2	334.8	164.6	350.7	
West Virginia	661.8	222.9	95.4	13.3	1.2	94.1	(s)	14.5	218.6	1,103.2	222.9	96.8	101.0	
Wisconsin	362.1	565.3	151.4	37.0	10.8	301.8	1.1	41.0	543.1	1,470.4	565.3	155.2	324.9	
Wyoming	455.7	174.9	88.4	5.3	3.4	37.2	0.0	28.2	162.6	793.2	174.9	89.0	40.1	
United States	13,250.0	31,086.4	8,471.8	3,709.6	3,532.8	16,012.6	728.7	4,446.1	36,901.6	81,212.3	31,159.3	8,714.7	17,209.3	

<sup>a</sup> Supplemental gaseous fuels (SGF) and biofuels are consumed with natural gas and petroleum products. In this table, SGF and biofuels are removed from natural gas and petroleum so that a fossil fuel total can be calculated without double-counting. Biofuels are included in "Renewable Energy."

<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> Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other

petroleum products" category. See Technical Notes, Section 4.

Where shown, (s) = Value less than 0.05 trillion Btu.

Note: 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.

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S** **Table C3. Primary Energy Consumption Estimates, 2018 (Continued)**  
(Trillion Btu)

State	Nuclear Electric Power	Renewable Energy										Net Interstate Flow of Electricity <sup>j</sup>	Electricity Net Imports <sup>k</sup>	Total <sup>l</sup>
		Hydro-electric Power <sup>e</sup>	Biomass					Geo-thermal	Solar <sup>i</sup>	Wind	Total			
			Wood and Waste <sup>f</sup>	Fuel Ethanol <sup>g</sup>	Biodiesel	Losses and Co-products <sup>h</sup>	Total							
Alabama	412.6	101.4	165.6	22.0	5.8	(s)	193.4	0.1	3.4	0.0	298.4	-423.8	0.0	1,954.8
Alaska	0.0	15.2	7.3	0.0	0.9	(s)	8.2	0.2	(s)	1.4	25.0	0.0	(s)	609.8
Arizona	325.1	63.6	8.7	25.5	2.2	2.6	38.9	0.3	70.8	4.8	178.5	-287.5	0.1	1,487.8
Arkansas	133.0	27.4	76.7	12.1	4.5	0.1	93.5	0.8	2.1	0.0	123.8	-138.0	0.0	1,119.7
California	190.4	239.7	130.5	131.5	23.5	11.3	296.9	108.4	381.7	127.7	1,154.5	865.7	2.5	7,966.6
Colorado	0.0	16.6	15.6	20.2	0.9	6.5	43.2	0.8	15.3	88.7	164.6	43.6	(s)	1,513.3
Connecticut	176.5	5.1	24.3	12.9	1.5	(s)	38.7	(s)	6.5	0.1	50.4	-78.4	1.8	753.0
Delaware	0.0	0.0	1.4	4.4	0.2	0.0	6.1	0.4	1.5	(s)	8.0	69.2	(s)	290.3
Dist. of Col.	0.0	0.0	0.9	1.0	(s)	0.0	2.0	(s)	0.7	0.0	2.7	120.2	(s)	174.5
Florida	306.5	2.1	170.8	76.4	4.6	(s)	251.8	10.1	53.5	0.0	317.5	130.5	0.0	4,281.3
Georgia	359.3	33.7	196.8	41.4	3.0	6.2	247.5	0.3	21.0	0.0	302.4	238.6	0.0	2,876.1
Hawaii	0.0	0.9	5.3	3.9	1.4	(s)	10.7	1.0	13.1	5.5	31.1	0.0	0.0	292.9
Idaho	0.0	100.4	36.6	6.5	0.5	3.1	46.7	2.3	5.4	24.2	178.9	74.9	0.1	553.3
Illinois	1,025.7	1.3	19.1	39.8	23.3	88.2	170.3	2.0	2.7	108.3	284.7	-359.1	0.1	4,012.0
Indiana	0.0	2.0	35.4	24.7	5.3	60.7	126.0	4.6	3.7	49.5	185.9	34.2	0.2	2,837.6
Iowa	51.2	8.4	20.8	14.8	7.4	215.2	258.1	1.3	1.3	194.2	463.4	-68.9	0.0	1,616.1
Kansas	95.9	0.2	8.0	10.1	3.2	25.3	46.6	1.0	0.3	172.1	220.3	-76.3	0.0	1,134.5
Kentucky	0.0	40.2	34.6	17.8	4.0	1.9	58.4	2.7	0.7	0.0	102.1	25.4	(s)	1,743.9
Louisiana	179.3	10.7	115.8	17.8	6.6	0.0	140.2	1.8	2.2	0.0	155.0	173.3	0.0	4,403.2
Maine	0.0	29.7	101.7	5.5	1.0	(s)	108.2	0.1	0.8	21.7	160.4	-3.7	14.5	395.3
Maryland	156.7	25.8	23.0	23.0	1.4	0.0	47.4	0.6	11.5	5.2	90.4	228.3	0.1	1,361.2
Massachusetts	46.4	10.3	37.7	23.9	2.2	(s)	63.8	0.9	28.2	2.0	105.2	289.5	3.3	1,458.6
Michigan	318.7	14.3	119.1	37.2	4.4	18.3	179.0	5.2	2.3	49.7	250.4	-91.3	22.1	2,894.2
Minnesota	152.7	9.6	78.3	26.8	15.2	63.2	183.5	1.1	10.4	97.5	302.2	87.4	13.1	1,913.9
Mississippi	72.3	0.0	51.7	13.5	4.6	2.9	72.8	1.0	3.1	0.0	76.8	-73.1	0.0	1,192.7
Missouri	111.4	7.5	27.8	25.6	4.7	13.8	71.8	0.4	3.0	25.8	108.5	19.2	0.0	1,847.8
Montana	0.0	103.8	18.2	4.6	(s)	(s)	22.8	0.3	0.5	19.6	147.1	-126.0	-1.7	435.2
Nebraska	58.9	12.6	5.2	7.2	2.8	113.6	128.8	1.2	0.4	50.5	193.5	-40.6	-0.1	914.6
Nevada	0.0	17.1	4.1	10.6	1.1	0.0	15.7	33.1	48.6	2.8	117.3	4.2	0.1	727.2
New Hampshire	105.2	12.3	38.2	6.2	0.6	(s)	45.0	(s)	1.1	3.7	62.1	-57.7	0.7	324.7
New Jersey	334.4	0.3	21.8	33.6	2.3	0.0	57.7	0.5	28.2	0.2	86.9	68.0	0.1	2,240.7
New Mexico	0.0	1.4	13.0	7.9	2.1	0.0	23.1	0.5	14.8	55.5	95.2	-69.8	(s)	702.8
New York	448.7	269.8	98.8	48.8	9.2	8.5	165.2	1.2	17.7	36.4	490.3	122.8	53.1	3,854.2
North Carolina	439.9	60.1	107.5	38.9	2.8	(s)	149.3	1.0	57.8	4.9	273.2	140.3	(s)	2,616.1
North Dakota	0.0	29.0	2.1	3.8	2.7	24.4	32.9	1.0	(s)	97.7	160.5	-230.6	3.5	661.0
Ohio	191.5	2.2	57.1	39.9	7.5	29.8	134.2	3.4	2.8	15.9	158.6	365.3	0.3	3,755.9
Oklahoma	0.0	18.5	29.5	15.5	4.7	0.1	49.8	(s)	0.7	248.9	317.9	-155.9	0.0	1,706.5
Oregon	0.0	322.7	72.2	13.9	6.7	2.2	95.0	2.8	8.5	67.8	496.8	-107.1	1.5	1,012.2
Pennsylvania	872.7	38.8	121.3	40.5	5.1	5.8	172.6	2.2	5.1	32.5	251.2	-522.9	0.2	3,961.6
Rhode Island	0.0	(s)	3.6	3.3	0.4	(s)	7.3	0.1	1.2	1.4	10.0	-2.3	0.5	197.4
South Carolina	551.2	27.4	103.2	23.4	1.9	0.0	128.5	0.6	6.9	0.0	163.5	-114.3	0.0	1,671.8
South Dakota	0.0	57.0	3.6	4.1	1.1	55.9	64.8	1.9	(s)	25.8	149.5	9.7	0.0	396.8
Tennessee	378.2	93.7	66.5	26.6	4.5	11.6	109.3	0.2	2.4	0.4	206.0	296.8	0.0	2,255.9
Texas	430.6	10.3	84.2	124.5	42.2	19.9	270.8	2.5	36.3	689.2	1,009.0	51.1	15.9	14,258.8
Utah	0.0	8.4	5.9	10.3	0.6	0.0	16.9	4.9	23.9	7.2	61.3	-56.3	0.1	835.1
Vermont	0.0	11.5	24.3	2.4	0.4	0.0	27.0	(s)	2.3	3.4	44.2	-28.8	33.2	139.2
Virginia	305.8	16.1	115.3	34.5	2.8	2.8	155.5	1.7	8.2	0.0	181.5	321.3	0.1	2,401.2
Washington	101.5	736.4	117.7	25.0	3.1	0.1	145.9	1.1	1.5	71.9	956.8	-163.2	-13.7	2,078.7
West Virginia	0.0	16.8	12.3	6.9	1.3	0.0	20.6	(s)	0.1	16.1	53.7	-324.0	(s)	832.9
Wisconsin	105.9	21.8	103.9	23.1	3.8	30.1	161.0	0.6	1.3	14.9	199.6	110.0	0.0	1,885.9
Wyoming	0.0	8.9	4.9	2.9	0.6	0.0	8.4	0.7	0.1	36.9	54.9	-289.5	(s)	558.6
United States	8,438.1	2,663.1	2,747.9	1,196.6	242.9	824.3	5,011.7	208.9	915.5	2,482.4	11,281.6	0.0	151.7	101,083.6

<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> Excludes denaturant. Because of differences in data sources and estimation methods, the ratio of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate.

<sup>h</sup> Losses and co-products from the production of biodiesel and fuel ethanol.

<sup>i</sup> Solar thermal and photovoltaic energy.

<sup>j</sup> Includes the energy losses associated with the generation, transmission, and distribution of the electricity flowing across state lines. A positive number indicates that more electricity came into the state than went out of the state

during the year.

<sup>k</sup> Electricity traded with Canada and Mexico. Calculated by converting net imports in kilowatt-hours by 3,412 Btu per kilowatt-hour.

<sup>l</sup> U.S. total includes -25.6 trillion Btu of net imports of coal coke that are not allocated to the states.

Where shown, (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Note: 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.