

**Table C3. Primary Energy Consumption Estimates, 2021**  
(Trillion Btu)

State	Fossil Fuels										Fossil Fuels (as commingled)			
	Coal	Natural Gas excluding Supplemental Gaseous Fuels <sup>a</sup>	Petroleum							Total <sup>e</sup>	Total <sup>e</sup>	Natural Gas including Supplemental Gaseous Fuels <sup>a</sup>	Distillate Fuel Oil including Biofuels <sup>a</sup>	Motor Gasoline including Fuel Ethanol <sup>a</sup>
			Distillate Fuel Oil excluding Biofuels <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,e</sup>	Total <sup>e</sup>					
Alabama	309.8	739.5	157.1	10.2	9.6	359.7	8.6	37.0	580.0	1,629.4	739.5	159.5	385.2	
Alaska	18.7	384.6	65.8	1.4	126.7	32.0	(s)	30.7	256.0	659.3	384.6	66.3	32.0	
Arizona	160.3	485.0	169.7	10.5	72.1	326.5	0.0	28.5	606.1	1,251.3	485.0	172.2	352.4	
Arkansas	216.1	360.5	118.6	8.1	5.7	170.0	0.0	28.6	329.2	905.9	360.5	120.3	182.1	
California	28.2	2,172.8	542.0	60.6	400.1	1,494.9	177.7	451.1	2,969.5	5,170.5	2,172.8	550.1	1,613.5	
Colorado	252.4	526.5	117.3	17.9	65.3	253.8	0.0	35.5	489.2	1,268.2	530.7	118.9	272.7	
Connecticut	2.9	306.8	106.0	11.7	8.8	151.0	0.6	9.7	287.3	597.0	306.8	106.7	163.0	
Delaware	4.5	87.8	15.1	4.6	11.4	54.3	0.3	27.6	113.2	205.5	87.8	15.2	58.7	
Dist. of Col.	0.0	28.3	2.7	0.1	0.0	11.4	0.0	3.3	17.5	45.9	28.3	2.7	12.3	
Florida	200.2	1,591.2	320.4	20.5	277.0	1,003.4	70.7	60.2	1,750.5	3,541.9	1,591.2	325.4	1,077.6	
Georgia	203.9	773.9	228.3	18.7	98.9	525.7	7.8	44.4	922.6	1,900.4	774.3	231.9	564.6	
Hawaii	12.6	0.1	27.0	4.2	76.4	45.7	58.9	11.3	223.0	235.7	2.6	27.2	49.3	
Idaho	3.1	135.2	74.2	7.1	8.3	91.6	(s)	7.9	188.7	326.9	135.2	75.3	98.4	
Illinois	521.6	1,082.5	276.2	85.4	146.5	463.4	1.0	179.9	1,140.3	2,744.4	1,095.6	280.3	499.4	
Indiana	753.6	870.1	223.3	21.2	24.9	340.5	2.3	105.4	714.8	2,338.4	873.4	226.7	366.1	
Iowa	264.4	383.4	149.2	69.1	5.7	169.1	0.1	22.9	411.5	1,059.3	417.8	151.0	183.8	
Kansas	219.0	292.2	120.5	11.2	7.3	141.7	3.1	56.0	338.3	849.4	292.2	122.1	151.8	
Kentucky	548.4	365.7	150.1	37.0	83.2	239.5	0.1	78.0	585.9	1,501.1	365.9	152.5	257.5	
Louisiana	95.9	1,861.5	187.0	672.1	16.0	245.2	42.1	680.6	1,840.3	3,797.7	1,861.5	189.8	262.5	
Maine	1.6	57.2	63.2	14.1	2.9	73.1	2.3	9.0	164.1	223.0	57.2	63.6	78.7	
Maryland	69.2	302.2	97.6	12.4	31.5	272.2	0.9	19.0	433.1	804.5	302.4	98.9	293.6	
Massachusetts	0.0	404.3	149.7	12.9	43.3	273.1	2.1	22.1	502.3	906.6	404.3	150.7	294.7	
Michigan	436.2	950.1	158.3	47.7	38.7	487.6	5.4	80.3	816.1	2,202.4	950.1	160.6	523.9	
Minnesota	179.1	523.8	150.1	44.3	36.6	262.2	0.2	83.0	567.2	1,270.1	523.8	152.0	287.0	
Mississippi	64.4	576.9	119.7	10.6	6.4	191.7	2.3	56.5	385.4	1,026.8	576.9	121.5	205.3	
Missouri	616.4	293.9	182.4	25.3	23.0	350.1	(s)	31.1	609.4	1,519.7	293.9	185.1	375.9	
Montana	122.8	87.0	53.2	10.6	7.5	61.7	0.0	43.8	176.9	386.6	87.0	54.0	66.3	
Nebraska	216.3	191.0	112.2	9.9	6.1	100.4	(s)	10.5	237.5	644.8	191.4	113.7	107.5	
Nevada	35.9	305.2	71.3	4.9	65.3	131.8	0.0	12.1	284.9	626.0	305.2	72.2	142.3	
New Hampshire	3.3	60.1	42.2	15.1	3.5	74.9	1.4	4.8	141.7	205.0	60.1	42.5	80.7	
New Jersey	12.6	697.0	156.7	23.8	80.1	383.7	25.9	81.5	750.9	1,460.5	697.0	158.8	414.1	
New Mexico	133.2	285.0	112.6	7.4	6.3	113.2	0.0	23.8	262.3	680.5	285.0	114.4	122.2	
New York	5.4	1,361.2	323.1	40.0	174.3	582.2	27.5	68.1	1,209.8	2,576.4	1,361.2	325.9	627.1	
North Carolina	222.5	637.6	196.6	34.3	82.0	530.9	0.7	41.2	884.7	1,744.7	637.6	199.6	570.2	
North Dakota	361.8	190.8	91.3	11.3	4.6	45.9	0.0	17.7	169.6	722.2	196.3	92.1	49.4	
Ohio	575.9	1,293.1	283.6	38.6	40.5	525.7	2.4	142.2	1,029.3	2,898.4	1,295.9	287.8	564.8	
Oklahoma	131.7	745.0	174.6	12.9	44.5	212.4	2.7	74.5	519.2	1,396.0	745.0	177.2	227.5	
Oregon	1.3	305.7	105.7	9.0	25.5	166.5	0.8	21.9	322.3	629.3	305.7	107.3	179.7	
Pennsylvania	485.2	1,867.4	333.7	50.1	52.7	504.2	2.0	96.5	1,035.6	3,388.2	1,867.4	337.2	542.2	
Rhode Island	0.0	105.5	27.1	2.5	1.5	38.7	0.1	6.9	76.6	182.1	105.5	27.2	41.7	
South Carolina	162.6	350.1	134.7	9.8	18.6	308.8	11.2	27.2	509.5	1,022.2	350.1	136.9	331.6	
South Dakota	21.6	96.8	46.2	7.4	4.0	55.0	0.1	7.7	119.9	238.3	96.8	46.9	59.3	
Tennessee	225.8	413.6	178.6	11.3	94.7	375.2	0.3	57.8	715.6	1,355.0	413.6	181.6	403.1	
Texas	968.4	4,736.9	1,055.6	2,572.8	250.5	1,553.9	177.2	1,207.0	6,802.2	12,507.5	4,739.5	1,071.4	1,677.2	
Utah	276.2	274.4	85.5	5.9	41.8	136.1	(s)	33.6	302.5	853.1	274.4	86.7	146.3	
Vermont	0.0	13.8	25.1	10.0	1.2	31.1	0.2	5.0	72.4	86.2	13.8	25.2	33.4	
Virginia	68.6	699.9	190.9	23.6	97.8	440.6	3.8	33.7	789.4	1,557.9	700.0	193.7	474.4	
Washington	36.9	382.8	152.6	19.0	90.8	282.7	77.5	91.5	712.3	1,132.1	382.8	154.8	305.2	
West Virginia	633.6	279.1	85.0	14.4	1.0	89.4	(s)	15.8	205.1	1,117.8	279.1	86.1	96.0	
Wisconsin	286.8	559.5	152.8	41.3	11.6	283.9	1.0	44.5	533.2	1,379.5	559.5	154.9	306.1	
Wyoming	377.0	161.4	81.1	5.5	2.5	36.6	0.0	21.5	146.8	685.1	161.4	82.1	39.3	
United States	10,547.8	31,655.9	8,243.5	4,230.3	2,835.0	15,094.6	721.2	4,390.8	35,252.0	77,406.9	31,725.5	8,356.7	16,249.5	

<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.

<sup>e</sup> U.S. total includes other biofuels product supplied not allocated to the states. 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>.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>

**Table C3. Primary Energy Consumption Estimates, 2021 (Continued)**  
(Trillion Btu)

State	Nuclear Electric Power	Renewable Energy											Net Interstate Flow of Electricity <sup>l</sup>	Electricity Net Imports <sup>m</sup>	Total <sup>j,n</sup>
		Hydro-electric Power <sup>f</sup>	Biomass						Geo-thermal	Solar <sup>k</sup>	Wind	Total <sup>j</sup>			
			Wood and Waste <sup>g</sup>	Fuel Ethanol <sup>h</sup>	Biodiesel	Renewable Diesel	Losses and Co-products <sup>i</sup>	Total <sup>j</sup>							
Alabama	480.9	101.9	167.3	25.4	3.8	0.0	(s)	196.6	0.1	4.6	0.0	303.2	-448.3	0.0	1,965.2
Alaska	0.0	14.9	7.6	0.0	0.9	0.0	0.0	8.5	0.2	0.1	1.2	24.9	0.0	0.0	684.2
Arizona	330.4	52.8	9.1	25.9	2.2	0.0	0.0	37.2	0.3	92.6	14.2	197.1	-215.7	(s)	1,563.1
Arkansas	141.6	35.6	57.1	12.0	2.9	0.0	0.1	72.0	0.8	5.6	0.0	114.1	-82.5	0.0	1,079.1
California	172.1	129.8	149.9	118.7	37.0	156.5	5.1	467.1	100.6	502.4	134.2	1,334.1	698.6	12.5	7,387.9
Colorado	0.0	14.1	15.3	18.9	0.8	0.0	7.4	42.5	0.8	24.9	133.8	216.1	25.0	0.0	1,509.2
Connecticut	179.8	4.2	23.4	12.0	1.0	0.0	(s)	36.5	(s)	11.0	0.1	51.8	-124.2	0.0	704.4
Delaware	0.0	0.0	1.4	4.3	0.1	0.0	0.0	5.9	0.4	1.8	(s)	8.1	81.8	0.0	295.5
Dist. of Col.	0.0	0.0	0.9	0.9	(s)	0.0	0.0	1.9	(s)	1.5	0.0	3.4	101.5	0.0	150.7
Florida	293.1	2.2	141.1	74.2	3.1	0.0	0.0	218.3	10.1	122.9	0.0	353.5	124.7	0.0	4,313.2
Georgia	354.7	32.4	212.1	38.9	2.2	0.0	(s)	253.2	0.3	46.7	0.0	332.6	245.9	0.0	2,833.5
Hawaii	0.0	1.0	4.6	3.6	0.8	0.0	(s)	9.0	1.6	17.6	5.8	35.1	0.0	0.0	270.8
Idaho	0.0	70.7	35.2	6.8	0.5	0.0	0.5	43.1	2.3	6.1	23.7	145.9	100.2	0.0	573.0
Illinois	1,013.2	1.1	17.0	35.9	20.8	0.0	75.3	149.1	2.0	14.0	169.2	335.5	-369.4	0.0	3,723.6
Indiana	0.0	3.4	36.6	25.6	5.0	0.0	60.7	127.8	4.6	7.1	69.5	212.5	175.9	0.0	2,726.8
Iowa	0.0	8.7	19.4	14.7	8.0	0.0	214.9	256.9	1.3	4.2	328.1	599.2	-91.2	0.0	1,567.3
Kansas	89.6	0.3	6.4	10.1	2.7	0.0	28.0	47.1	1.0	1.1	227.2	276.7	-142.0	0.0	1,073.7
Kentucky	0.0	43.1	32.0	18.0	3.3	0.0	2.2	55.5	2.7	1.1	0.0	102.5	86.0	0.0	1,688.5
Louisiana	180.2	9.8	107.7	17.3	4.5	0.0	0.0	129.5	1.8	3.7	0.0	144.9	159.4	0.0	4,282.1
Maine	0.0	22.5	79.1	5.6	0.6	0.0	(s)	85.3	0.1	2.7	22.5	133.1	8.3	7.6	372.0
Maryland	156.6	18.7	12.9	21.4	0.9	0.0	0.0	35.2	0.6	14.8	4.6	73.8	234.3	0.0	1,269.2
Massachusetts	0.0	9.9	30.8	21.7	1.4	0.0	(s)	53.9	0.9	36.7	1.8	103.2	333.8	0.0	1,343.7
Michigan	358.7	11.8	99.7	36.3	3.5	0.0	16.9	156.3	5.2	6.0	68.1	247.4	-105.7	7.5	2,710.2
Minnesota	147.5	6.0	55.7	24.9	15.9	0.0	67.1	163.6	1.1	18.6	108.5	297.8	97.7	7.4	1,820.6
Mississippi	123.0	0.0	47.6	13.6	2.9	0.0	(s)	64.1	1.0	3.9	0.0	68.9	-133.7	0.0	1,085.0
Missouri	44.8	15.0	22.2	25.8	4.1	0.0	14.7	66.8	0.4	4.9	57.8	144.8	50.6	0.0	1,760.0
Montana	0.0	81.9	16.5	4.6	(s)	0.0	0.0	21.1	0.3	0.7	30.7	134.7	-83.8	-4.1	433.5
Nebraska	71.9	9.9	4.8	7.2	2.5	0.0	106.1	120.6	1.2	0.8	84.8	217.4	-36.2	0.0	898.0
Nevada	0.0	17.2	3.2	10.5	1.1	0.0	0.0	14.8	36.2	68.8	3.0	139.9	-4.6	0.0	761.3
New Hampshire	103.0	9.1	28.8	5.8	0.4	0.0	(s)	35.0	(s)	1.8	4.5	50.4	-56.9	0.0	301.6
New Jersey	294.0	0.2	15.5	30.5	1.5	0.0	0.0	47.5	0.5	37.6	0.2	85.9	159.5	0.0	1,999.8
New Mexico	0.0	1.1	12.5	9.0	1.8	0.0	0.0	23.4	0.8	19.8	93.6	138.6	-80.2	0.0	739.0
New York	325.7	254.4	88.9	44.9	9.3	0.0	3.0	146.0	1.2	35.5	36.8	473.9	119.5	46.9	3,542.3
North Carolina	450.4	51.4	96.3	39.2	1.9	0.0	(s)	137.5	1.0	93.8	4.6	288.2	144.2	0.0	2,627.6
North Dakota	0.0	17.6	1.8	3.6	2.0	0.0	27.4	34.8	1.0	(s)	132.1	185.5	-207.6	3.9	703.9
Ohio	182.6	5.1	48.9	39.1	6.3	0.0	30.9	125.2	3.4	8.7	22.9	165.3	295.6	0.0	3,542.0
Oklahoma	0.0	24.5	34.6	15.2	3.9	0.0	0.1	53.7	(s)	1.2	287.8	367.1	-111.4	0.0	1,651.7
Oregon	0.0	244.6	75.6	13.2	9.8	1.7	1.6	101.8	2.8	17.0	82.9	449.2	-30.8	0.0	1,047.8
Pennsylvania	792.9	27.7	103.8	38.0	6.3	0.0	6.3	154.4	2.2	8.6	30.6	223.4	-770.8	0.0	3,633.6
Rhode Island	0.0	(s)	3.6	3.1	0.3	0.0	(s)	7.0	0.1	6.0	1.5	14.5	-10.7	0.0	186.0
South Carolina	561.7	22.5	99.4	22.8	1.3	0.0	0.0	123.5	0.6	24.0	0.0	170.7	-124.8	0.0	1,629.8
South Dakota	0.0	44.1	3.3	4.3	1.0	0.0	68.3	76.9	1.9	(s)	82.5	205.3	-33.5	0.0	410.2
Tennessee	369.1	96.1	57.2	27.9	4.0	0.0	9.3	98.3	0.2	3.8	0.2	198.8	273.2	0.0	2,196.1
Texas	420.0	9.6	84.0	123.3	25.6	0.0	15.6	248.5	2.5	152.8	879.7	1,293.1	146.3	-8.3	14,358.7
Utah	0.0	4.4	4.4	10.2	0.6	0.0	0.0	15.1	4.5	36.6	7.3	68.0	-73.8	0.0	847.2
Vermont	0.0	9.7	21.8	2.3	0.2	0.0	0.0	24.3	(s)	3.3	3.0	40.3	-45.1	47.4	128.8
Virginia	298.5	11.5	107.7	33.8	1.8	0.0	(s)	143.3	1.7	32.3	0.4	189.3	394.7	0.0	2,440.4
Washington	88.9	631.3	107.2	22.4	2.9	0.0	0.1	132.6	1.1	3.3	82.2	850.5	-188.2	13.4	1,896.8
West Virginia	0.0	15.1	11.6	6.6	0.8	0.0	0.0	19.0	(s)	0.2	14.4	48.8	-313.5	0.0	853.1
Wisconsin	104.1	19.0	86.5	22.2	3.4	0.0	27.8	139.9	0.6	5.1	14.1	178.7	100.8	0.0	1,763.2
Wyoming	0.0	7.0	4.5	2.7	0.6	0.0	0.0	7.8	0.7	1.7	74.7	91.9	-273.0	0.0	504.1
United States	8,129.0	2,225.0	2,514.5	1,155.0	218.2	158.1	789.5	4,845.4	204.8	1,520.0	3,344.8	12,140.0	0.0	134.1	97,810.0

<sup>f</sup> Conventional hydroelectric power. Excludes hydroelectric pumped-storage.

<sup>g</sup> Wood, wood-derived fuels, and biomass waste.

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

<sup>j</sup> U.S. total includes other biofuels not allocated to the states.

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

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

<sup>n</sup> U.S. total includes -48.7 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>.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>