

Table E9. Total End-Use Energy Expenditure Estimates, 2016
(Million Dollars)

State	Primary Energy											Retail Electricity	Total Energy ^{g,h}
	Coal	Natural Gas ^a	Petroleum						Biomass	Total ^{g,h}			
			Distillate Fuel Oil	HGL ^b	Jet Fuel ^c	Motor Gasoline ^d	Residual Fuel Oil	Other ^e			Wood and Waste ^f		
Alabama	222.9	1,346.3	2,542.8	147.0	172.4	5,421.0	69.5	547.2	8,900.0	406.1	10,875.3	8,415.2	19,290.5
Alaska	48.8	311.9	1,021.9	19.6	1,043.8	847.5	—	237.9	3,170.7	7.8	3,539.3	1,088.4	4,627.7
Arizona	11.7	942.1	2,328.1	163.3	255.8	6,751.3	—	509.0	10,007.4	10.2	10,971.3	8,082.0	19,053.4
Arkansas	14.3	1,101.2	1,694.6	96.8	81.3	3,018.4	(s)	375.9	5,267.1	181.6	6,564.1	3,738.6	10,302.7
California	108.4	11,289.5	10,207.2	1,072.7	6,606.4	40,583.9	1,228.6	2,775.0	62,473.8	190.7	74,062.5	38,787.2	112,849.7
Colorado	20.0	1,617.5	1,569.4	274.6	513.7	4,933.2	—	503.8	7,794.6	32.4	9,464.6	5,362.7	14,827.2
Connecticut	—	1,183.7	1,541.7	262.1	99.1	3,382.8	1.8	294.6	5,582.0	19.5	6,785.1	4,988.8	11,773.9
Delaware	7.2	428.7	213.3	86.6	6.3	1,071.1	5.7	77.3	1,460.3	3.2	1,899.5	1,225.9	3,125.4
Dist. of Col.	0.1	287.0	43.6	0.4	—	276.1	—	38.5	358.6	0.1	645.8	1,336.6	1,982.4
Florida	45.9	1,564.5	4,893.6	366.8	1,572.1	18,473.3	488.1	1,098.8	26,892.8	303.9	28,807.0	23,348.4	52,155.4
Georgia	42.2	2,739.2	3,414.9	340.5	293.9	9,626.5	66.0	869.8	14,611.5	533.0	17,926.0	13,239.7	31,165.7
Hawaii	0.9	81.4	397.2	59.9	768.9	1,365.4	40.1	74.7	2,706.2	6.7	2,795.2	2,242.6	5,037.8
Idaho	5.4	509.9	1,137.3	91.4	55.3	1,771.0	0.1	172.5	3,227.7	61.0	3,804.0	1,864.6	5,668.6
Illinois	221.4	5,686.1	4,907.1	585.8	1,599.4	10,198.2	4.2	1,270.3	18,565.0	29.9	24,502.3	13,024.3	37,526.6
Indiana	597.2	3,253.7	3,755.9	276.6	480.8	6,446.0	9.2	819.2	11,787.6	31.6	15,570.1	9,454.5	25,124.6
Iowa	115.0	1,685.3	2,208.7	509.8	53.8	3,570.1	0.1	384.8	6,727.3	16.3	8,543.9	4,142.7	12,686.5
Kansas	5.6	1,209.6	1,799.1	116.1	84.8	2,806.0	26.4	283.6	5,116.1	10.2	6,341.5	4,188.6	10,530.1
Kentucky	72.7	1,126.0	2,405.9	324.4	661.0	4,679.2	0.3	616.7	8,687.5	81.8	9,967.9	6,222.9	16,190.8
Louisiana	21.8	3,436.6	2,879.5	3,284.6	1,544.1	4,488.0	125.1	3,959.1	16,280.3	338.1	20,076.8	6,340.9	26,417.7
Maine	2.2	272.2	1,129.4	251.3	67.9	1,786.0	15.9	133.9	3,384.4	153.7	3,812.5	1,465.2	5,277.7
Maryland	30.9	1,645.4	1,571.1	238.3	83.2	6,065.9	2.1	445.1	8,405.6	49.2	10,131.1	7,492.2	17,623.3
Massachusetts	0.5	2,741.4	2,335.7	298.5	633.5	6,147.7	8.2	519.3	9,942.9	34.8	12,719.7	8,812.1	21,531.8
Michigan	140.8	4,475.0	2,684.1	734.4	221.4	9,774.1	14.0	934.0	14,361.9	120.8	19,098.4	11,512.6	30,611.0
Minnesota	54.6	2,165.5	2,530.4	424.1	257.4	5,593.1	2.7	658.2	9,459.9	103.2	11,789.3	6,549.9	18,339.1
Mississippi	—	733.8	1,839.1	164.8	898.3	3,451.3	19.7	335.9	6,709.2	150.6	7,593.6	4,194.9	11,788.5
Missouri	46.3	1,805.1	2,807.8	275.4	161.6	6,464.7	0.8	593.2	10,303.5	54.8	12,209.8	7,660.5	19,870.3
Montana	10.7	361.3	812.4	131.3	54.4	1,219.0	—	171.4	2,388.5	13.8	2,774.3	1,199.2	3,973.6
Nebraska	32.4	780.7	1,707.9	97.9	73.0	1,924.8	—	203.8	4,007.4	5.7	4,826.2	2,732.2	7,558.4
Nevada	19.9	727.7	1,005.8	75.5	348.6	2,855.5	—	218.0	4,503.3	6.4	5,257.3	3,030.7	8,288.0
New Hampshire	—	268.0	607.6	373.6	25.6	1,554.0	8.7	120.9	2,690.5	27.3	2,985.8	1,707.2	4,693.1
New Jersey	—	3,240.1	2,779.4	460.7	1,744.7	8,965.3	168.7	646.5	14,765.3	36.1	18,041.5	10,006.3	28,047.8
New Mexico	4.8	436.8	1,445.6	128.1	68.9	1,973.3	—	277.9	3,893.8	23.8	4,359.1	2,081.7	6,440.8
New York	50.6	6,821.5	5,307.7	716.0	1,908.9	12,353.3	204.2	1,221.7	21,711.7	89.4	28,673.1	21,387.8	50,060.9
North Carolina	66.8	1,734.4	2,952.1	559.1	150.1	10,192.4	3.4	1,077.4	14,934.4	230.5	16,966.1	12,361.6	29,327.7
North Dakota	176.8	210.5	1,270.3	106.7	54.4	972.1	—	164.6	2,568.0	2.2	2,957.4	1,630.6	4,588.0
Ohio	405.4	4,427.7	4,548.9	496.3	656.9	11,067.6	27.9	1,426.1	18,223.7	78.7	23,135.4	14,699.8	37,835.2
Oklahoma	34.1	2,149.7	2,616.4	130.6	511.0	3,964.2	18.5	524.5	7,765.1	56.3	10,005.3	4,735.4	14,740.7
Oregon	—	1,040.8	1,654.4	98.2	290.7	3,966.0	4.7	412.1	6,426.0	137.9	7,604.6	4,181.8	11,786.4
Pennsylvania	550.7	4,814.4	5,347.1	918.8	657.1	11,211.1	23.4	1,376.9	19,534.4	142.3	25,041.8	14,702.2	39,743.9
Rhode Island	—	432.3	337.9	56.6	42.2	833.3	3.0	96.1	1,369.2	4.3	1,805.8	1,225.0	3,030.8
South Carolina	30.4	918.3	1,961.2	181.0	120.2	5,806.3	63.5	630.1	8,762.2	203.6	9,914.5	7,788.2	17,702.7
South Dakota	8.2	360.6	678.5	77.1	55.5	1,036.1	0.4	117.5	1,965.1	3.5	2,337.4	1,192.8	3,530.2
Tennessee	166.1	1,449.8	2,553.1	151.2	743.7	6,980.1	0.9	987.8	11,416.8	138.7	13,171.4	9,263.0	22,434.4
Texas	55.1	6,869.5	15,179.9	15,265.8	4,585.3	27,851.5	894.3	7,987.9	71,764.7	168.3	78,857.5	32,863.5	111,721.0
Utah	28.8	1,050.8	1,333.1	61.5	397.8	2,679.3	—	280.0	4,751.7	4.0	5,835.3	2,605.2	8,440.4
Vermont	—	102.5	438.1	219.4	17.1	699.1	1.7	85.5	1,461.0	26.1	1,589.6	797.9	2,387.5
Virginia	157.0	1,721.6	2,812.5	432.9	610.6	8,543.0	32.4	730.9	13,162.3	192.6	15,233.4	10,210.9	25,444.3
Washington	10.6	1,603.6	2,694.6	266.1	1,164.1	6,960.6	950.4	607.4	12,643.2	264.2	14,521.5	6,754.1	21,275.6
West Virginia	121.4	466.7	1,213.3	252.7	11.9	1,874.9	2.5	284.8	3,640.0	43.8	4,271.9	2,877.2	7,149.1
Wisconsin	72.0	2,287.9	2,257.1	391.3	97.5	5,709.2	6.5	744.7	9,206.3	124.0	11,690.2	7,434.0	19,124.2
Wyoming	68.9	365.3	1,176.5	67.1	32.3	777.3	—	176.8	2,230.0	4.0	2,668.2	1,316.8	3,985.0
United States	3,907.4	98,281.2	128,550.8	32,181.3	32,638.7	310,960.9	4,543.6	39,099.3	547,974.7	4,958.2	654,937.4	383,566.8	1,038,504.2

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
^b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
^c Includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."
^d Motor gasoline as it is consumed; includes fuel ethanol blended into motor gasoline.
^e Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
^f Wood, wood-derived fuels, and biomass waste.
^g There are no direct fuel costs for hydroelectric, geothermal, solar, or wind energy.
^h The U.S. total includes -\$184 million of coal coke net imports, which are not allocated to the states.

— = No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
 Where shown, (s) = Value less than 0.05 million dollars.
 Notes: Total end-use energy expenditure estimates are the sum of expenditure 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.