

Table PT2. Primary energy production estimates in trillion Btu, United States, 1960-2022

Year	Fossil fuels			Nuclear electric power	Renewable energy			Total
	Coal ^a	Natural gas ^b	Crude oil ^c		Biofuels ^d	Wood and waste ^e	Other ^f	
Trillion Btu								
1960	10,590.2	14,131.5	14,934.6	6.0	NA	1,319.9	510.0 R	41,492.2 R
1965	12,831.9	17,696.4	16,521.4	43.2	NA	1,334.8	672.8 R	49,100.3 R
1966	13,281.2	18,964.2	17,561.0	64.2	NA	1,369.0	676.0 R	51,915.6 R
1967	13,697.1	20,006.0	18,651.3	88.5	NA	1,340.2	768.6 R	54,551.8 R
1968	13,486.8	21,255.1	19,308.4	141.5	NA	1,419.5	772.2 R	56,383.5 R
1969	13,833.0	22,733.8	19,556.2	153.7	NA	1,440.5	866.9 R	58,584.1 R
1970	14,877.0	24,048.5	20,401.2	239.3	NA	1,431.0	858.1 R	61,855.1 R
1971	13,517.7	24,697.3	20,032.7	412.9	NA	1,432.3	921.5 R	61,014.4 R
1972	14,391.8	24,769.1	20,041.1	583.8	NA	1,503.1	946.4 R	62,235.3 R
1973	14,006.1	24,823.7	19,493.2	910.2	NA	1,529.1	946.5 R	61,708.8 R
1974	14,025.0	23,674.6	18,575.0	1,272.1	NA	1,539.7	1,046.3 R	60,132.7 R
1975	14,981.9	22,052.6	17,729.3	1,899.8	NA	1,498.7	1,045.4 R	59,207.8 R
1976	15,689.5	21,854.4	17,261.8	2,111.1	NA	1,713.4	991.3 R	59,621.5 R
1977	15,759.9	21,952.6	17,453.7	2,701.8	NA	1,838.3	775.1 R	60,481.5 R
1978	14,979.1	21,855.8	18,433.7	3,024.1	NA	2,037.6	977.3 R	61,307.7 R
1979	17,617.7	22,404.7	18,103.6	2,775.8	NA	2,151.9	979.1 R	64,032.8 R
1980	18,629.6	22,219.1	18,248.9	2,739.2	NA	2,471.7	969.9 R	65,278.3 R
1981	18,523.6	22,025.3	18,146.0	3,007.6	12.7	2,587.0	919.6 R	65,221.9 R
1982	18,826.6	20,526.7	18,308.9	3,131.1	34.4	2,630.3	1,082.3 R	64,540.5 R
1983	17,364.2	18,737.7	18,391.8	3,202.5	63.1	2,841.3	1,164.8 R	61,765.4 R
1984	19,914.5	20,309.6	18,848.2	3,552.5	77.3	2,894.3	1,133.0 R	66,729.5 R
1985	19,514.3	19,251.9	18,992.4	4,075.6	93.2	2,923.1	1,002.0 R	65,852.4 R
1986	19,676.2	18,756.3	18,375.9	4,380.1	107.1	2,825.0	1,038.5 R	65,159.0 R
1987	20,295.5	19,455.1	17,674.8	4,753.9	122.7	2,754.9	899.6 R	65,956.5 R
1988	20,949.1	19,975.7	17,278.9	5,587.0	124.1	2,892.0	806.7 R	67,613.4 R
1989	21,517.3	20,066.8	16,116.9	5,602.2	125.4	3,034.0	1,046.8 R	67,509.3 R
1990	22,761.2	20,622.8	15,571.1	6,104.4	110.9	2,626.1	1,127.6 R	68,924.1 R
1991	21,869.1	20,615.4	15,700.8	6,422.1	128.0	2,653.8	1,119.6 R	68,508.8 R
1992	21,897.7	20,832.1	15,222.9	6,479.2	145.0	2,786.7	1,000.1 R	68,363.6 R
1993	20,358.4	21,008.4	14,494.5	6,410.5	169.3	2,736.9	1,098.8 R	66,276.9 R
1994	22,345.5	21,765.2	14,102.6	6,693.9	188.4	2,839.1	1,028.9 R	68,963.7 R
1995	22,178.8	21,589.1	13,886.8	7,075.4	197.7	2,901.3	1,195.5 R	69,024.6 R
1996	22,839.4	21,957.6	13,722.9	7,086.7	141.3	3,014.0	1,324.7 R	70,086.6 R
1997	23,412.5	22,299.9	13,658.0	6,597.0	186.3	2,919.2	1,358.1 R	70,431.1 R
1998	23,917.4	22,155.6	13,235.1	7,067.8	202.5	2,726.5	1,245.2 R	70,550.1 R
1999	23,177.2	21,842.2	12,451.0	7,610.3	210.8	2,754.3	1,238.4 R	69,284.3 R
2000	22,595.1	22,320.3	12,358.2	7,862.3	233.1	2,772.5	1,087.4 R	69,229.0 R
2001	23,587.9	22,584.8	12,281.6	8,028.9	254.5	2,374.1	889.6 R	70,001.3 R
2002	22,729.8	21,894.3	12,160.2	8,145.4	308.1	2,397.3	1,065.5 R	68,700.7 R
2003	22,054.8	21,943.4	11,959.6	7,959.6	401.4	2,403.4	1,109.4 R	67,831.6 R
2004	22,821.7	21,549.5	11,550.1	8,222.8	485.7	2,510.3	1,097.5 R	68,237.6 R
2005	23,183.1	20,900.4	10,974.2	8,160.8	561.3	2,538.4	1,119.0 R	67,437.0 R
2006	23,643.9	21,381.4	10,766.8	8,214.6	715.6	2,495.9	1,218.1 R	68,436.4 R
2007	23,337.3	22,182.4	10,741.4	8,458.6	970.1	2,502.0	1,110.0 R	69,301.8 R
2008	23,706.4	23,102.9	10,613.3	8,426.5	1,374.0	2,494.2	1,216.3 R	70,933.7 R
2009	21,689.8	23,689.5	11,340.1	8,355.2	1,569.9	2,386.7	1,352.5 R	70,383.7 R
2010	21,831.3	24,592.8	11,610.5	8,434.4	1,867.9	2,684.7	1,390.0 R	72,411.6 R
2011	22,057.2	26,409.4	12,012.3	8,268.7	2,037.4	2,675.0	1,691.6 R	75,151.7 R
2012	20,585.3	27,872.4	13,848.6	8,061.8	1,935.7	2,617.8	1,633.4 R	76,555.2 R
2013	19,901.8	28,421.4	15,867.8 R	8,244.4	2,000.1	2,834.7	1,726.0 R	78,996.2 R
2014	20,170.8	30,873.0	18,610.1 R	8,337.6	2,135.1	2,917.0	1,783.5 R	84,827.1 R
2015	17,931.0	32,717.2	19,697.3 R	8,336.9	2,201.2	2,830.1	1,814.6 R	85,528.4 R
2016	14,538.0	32,428.2	18,526.6 R	8,426.8	2,329.4	2,802.4	2,056.7 R	81,108.0 R
2017	15,549.2	33,468.9	19,546.6 R	8,419.0	2,406.9	2,758.8	2,338.9 R	84,488.3 R
2018	15,280.5	37,762.2	22,807.9 R	8,438.1	2,470.7	2,843.4	2,430.0 R	92,032.9 R
2019	14,290.7	41,658.8	25,604.2 R	8,451.9	2,431.6	2,783.4	2,537.8 R	97,758.4 R
2020	10,723.1	41,952.7 R	23,575.0 R	8,251.1	2,194.4	2,515.4 R	2,755.4 R	91,967.1 R
2021	11,642.6	42,935.1 R	23,401.4 R	8,130.9 R	2,374.1	2,539.5 R	2,893.7 R	93,917.3 R
2022	11,973.5	45,398.4	24,710.5	8,046.4	2,510.8	2,562.4	3,234.1	98,436.1

^a Beginning in 2001, includes refuse recovery.

^b Marketed production, which includes natural gas plant liquids (NGPLs).

^c Includes lease condensate.

^d Biomass inputs (feedstock such as corn and soy) to the production of ethanol and biodiesel. For 2011 forward includes production of renewable

diesel fuel. For 2014 forward includes production of other biofuels fuel.

^e Wood energy production and biomass waste energy consumption.

^f Consumption of noncombustible renewable energy, including geothermal, hydroelectric power, solar, and wind energy.

NA = Not available. R = Revised.

Note: Totals may not equal sum of components due to independent rounding.

Web Page: All data are available at <http://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/>