

Table PT2. Primary Energy Production Estimates in Trillion Btu, Iowa, 1960-2019

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	22.1	0.0	0.0	0.0	NA	6.4	9.5	37.9
1961	19.1	0.0	0.0	0.0	NA	6.2	9.6	34.9
1962	23.3	0.0	0.0	0.0	NA	5.7	9.8	38.9
1963	25.1	0.0	0.0	0.0	NA	5.5	7.9	38.5
1964	20.1	0.0	0.0	0.0	NA	5.6	7.2	32.9
1965	21.5	0.0	0.0	0.0	NA	5.5	9.7	36.7
1966	21.2	0.0	0.0	0.0	NA	6.0	9.0	36.2
1967	18.2	0.0	0.0	0.0	NA	5.8	8.4	32.5
1968	18.1	0.0	0.0	0.0	NA	6.4	9.9	34.3
1969	18.7	0.0	0.0	0.0	NA	6.2	9.0	33.9
1970	20.4	0.0	0.0	0.0	NA	6.3	9.8	36.5
1971	19.4	0.0	0.0	0.0	NA	6.6	9.6	35.5
1972	17.6	0.0	0.0	0.0	NA	6.9	10.3	34.8
1973	11.3	0.0	0.0	0.0	NA	7.3	9.4	28.0
1974	11.3	0.0	0.0	14.8	NA	7.7	9.3	43.1
1975	11.8	0.0	0.0	25.2	NA	7.9	9.1	54.1
1976	12.4	0.0	0.0	27.4	NA	8.5	6.7	54.9
1977	9.9	0.0	0.0	31.1	NA	9.0	8.1	58.1
1978	8.8	0.0	0.0	13.2	NA	9.6	9.6	41.3
1979	11.7	0.0	0.0	31.4	NA	9.7	9.3	62.1
1980	10.3	0.0	0.0	28.0	NA	48.7	9.8	96.8
1981	14.7	0.0	0.0	24.3	5.4	49.6	10.3	104.3
1982	11.5	0.0	0.0	25.1	6.5	50.2	9.6	102.9
1983	7.9	0.0	0.0	25.2	8.0	54.7	9.7	105.4
1984	10.3	0.0	0.0	29.3	10.2	57.8	9.6	117.2
1985	11.8	0.0	0.0	20.5	10.2	58.1	10.3	110.9
1986	9.6	0.0	0.0	31.7	18.8	78.6	10.0	148.7
1987	9.3	0.0	0.0	26.3	26.2	82.4	10.1	154.4
1988	7.0	0.0	0.0	33.5	26.1	89.2	7.2	163.1
1989	8.8	0.0	0.0	33.2	31.6	52.6	7.1	133.3
1990	7.7	0.0	0.0	31.9	31.5	47.8	9.2	128.1
1991	6.8	0.0	0.0	43.5	35.1	47.3	9.5	142.2
1992	5.7	0.0	0.0	35.7	44.2	45.7	10.4	141.6
1993	3.4	0.0	0.0	34.0	55.0	43.5	7.8	143.7
1994	0.9	0.0	0.0	42.9	62.0	40.8	11.2	157.8
1995	0.0	0.0	0.0	39.2	61.8	40.8	10.5	152.3
1996	0.0	0.0	0.0	41.2	61.5	48.3	9.9	160.9
1997	0.0	0.0	0.0	43.5	61.3	40.4	8.5	153.7
1998	0.0	0.0	0.0	39.5	61.1	37.3	9.6	147.5
1999	0.0	0.0	0.0	38.0	63.3	37.5	13.3	152.2
2000	0.0	0.0	0.0	46.4	63.2	31.6	14.6	155.8
2001	0.0	0.0	0.0	40.2	63.8	27.7	14.1	145.8
2002	0.0	0.0	0.0	47.8	63.8	30.8	19.4	161.7
2003	0.0	0.0	0.0	41.6	86.2	30.5	18.4	176.7
2004	0.0	0.0	0.0	51.4	123.2	30.6	20.6	225.7
2005	0.0	0.0	0.0	47.4	157.4	31.0	26.7	262.5
2006	0.0	0.0	0.0	53.2	217.6	20.9	32.7	324.4
2007	0.0	0.0	0.0	47.4	281.5	23.5	37.6	390.0
2008	0.0	0.0	0.0	55.2	340.2	23.9	49.2	468.5
2009	0.0	0.0	0.0	48.9	438.1	26.7	83.0	596.8
2010	0.0	0.0	0.0	46.5	490.4 R	28.3	99.9	665.1 R
2011	0.0	0.0	0.0	54.6	534.7 R	19.8	114.4	723.5 R
2012	0.0	0.0	0.0	45.6	517.4 R	17.6	142.2	722.7 R
2013	0.0	0.0	0.0	55.6	527.3 R	19.6	157.1	759.6 R
2014	0.0	0.0	0.0	43.4	536.6 R	23.0	165.0	768.0 R
2015	0.0	0.0	0.0	54.8	564.4 R	21.4	177.2	817.8 R
2016	0.0	0.0	0.0	49.2	580.4 R	20.5	195.6	845.7 R
2017	0.0	0.0	0.0	54.5	603.6 R	18.1 R	208.6	884.8 R
2018	0.0	0.0	0.0	51.2	632.7 R	19.4 R	205.2	908.6 R
2019	0.0	0.0	0.0	54.7	627.6	20.3	244.2	946.8

^a Beginning in 2001, includes refuse recovery.

^b Marketed production.

^c Includes lease condensate.

^d Biomass inputs (feedstock) to the production of biofuels.

^e Wood energy production and biomass waste energy consumption

^f Consumption of noncombustible renewable energy, including hydroelectric power as well as geothermal, solar, and wind energy
NA = Not available.

Where shown, R = Revised.

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

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

Sources: Data sources, estimation procedures, and assumptions are described in the documentation at <http://www.eia.gov/state/seds/seds-technical-notes-complete.php>