

## Renewable Energy Consumption by Fuel Type Nebraska, 1960 – 2023

[Trillion British Thermal Units (Btu)]

Year	Biofuels	Biomass	Geothermal	Hydroelectric Power	Photovoltaic and Solar Thermal	Wind	Total Renewable Energy Consumption	Total Primary Energy Consumption	Renewable Energy Percent
2023	113.98	4.53	1.21	3.90	0.47	40.42	164.50	872.37	18.86%
2022	115.60	4.52	1.21	3.61	0.40	43.04	168.38	887.47	18.97%
2021	115.35	4.83	1.21	3.83	0.32	32.73	158.28	874.55	18.10%
2020	103.70	4.44	1.21	4.74	0.28	31.10	145.47	845.83	17.20%
2019	120.71	5.45	1.21	4.57	0.19	24.60	156.74	912.39	17.18%
2018	120.57	5.16	1.21	4.72	0.16	18.93	150.75	910.05	16.57%
2017	121.12	3.88	1.21	5.08	0.10	17.35	148.73	864.51	17.20%
2016	119.51	4.46	1.21	2.92	0.05	12.96	141.11	885.81	15.93%
2015	113.65	4.13	1.21	5.75	0.03	10.85	135.63	915.40	14.82%
2014	112.56	4.62	1.21	3.95	0.03	9.34	131.71	928.66	14.18%
2013	104.17	4.57	1.21	3.84	0.03	6.15	119.96	896.36	13.38%
2012	103.33	3.74	1.21	4.29	0.03	4.38	116.98	845.43	13.84%
2011	112.69	4.26	1.20	5.52	0.03	3.59	127.28	890.56	14.29%
2010	107.19	8.27	1.15	4.48	0.03	1.44	122.55	905.76	13.53%
2009	70.00	7.79	1.02	1.48	0.03	1.31	81.62	811.27	10.06%
2008	70.88	7.36	0.88	1.18	0.03	0.73	81.05	807.21	10.04%
2007	50.51	7.14	0.80	1.19	0.02	0.74	60.39	775.79	7.78%
2006	36.56	6.37	0.73	3.05	0.02	0.89	47.62	729.20	6.53%
2005	33.26	8.04	0.67	2.97	0.02	0.33	45.29	714.69	6.34%
2004	33.44	8.58	0.58	3.12	0.01	0.13	45.85	725.82	6.32%
2003	26.09	8.63	0.51	3.34	0.01	0.13	38.71	698.20	5.54%
2002	24.34	8.24	0.38	3.75	0.01	0.03	36.74	703.78	5.22%
2001	23.75	7.65	0.35	3.84	0.01	0.01	35.61	692.95	5.14%
2000	22.38	5.66	0.32	5.12	0.01	0.00	33.50	679.29	4.93%
1999	20.76	5.94	0.32	5.87	0.01	0.00	32.90	704.10	4.67%
1998	19.38	5.80	0.31	5.74	0.02	0.00	31.25	697.41	4.48%
1997	18.27	6.32	0.25	5.71	0.02	0.00	30.56	683.66	4.47%
1996	13.85	7.77	0.22	5.47	0.02	0.00	27.33	671.28	4.07%
1995	14.30	4.18	0.18	4.87	0.02	0.00	23.54	625.05	3.77%
1994	6.91	4.10	0.16	4.48	0.02	0.00	15.66	573.02	2.73%
1993	6.11	4.27	0.15	3.42	0.01	0.00	13.95	572.93	2.43%
1992	4.91	4.97	0.12	3.67	0.01	0.00	13.69	552.76	2.48%
1991	3.75	4.67	0.10	3.56	0.01	0.00	12.10	560.96	2.16%
1990	3.30	4.46	0.08	3.89	0.01	0.00	11.74	545.12	2.15%
1989	3.52	6.40	0.06	3.95	0.01	0.00	13.94	553.83	2.52%
1988	2.96	6.06	0.00	4.61	0.00	0.00	13.63	559.12	2.44%
1987	2.83	5.68	0.00	5.35	0.00	0.00	13.85	526.12	2.63%
1986	2.34	6.77	0.00	5.73	0.00	0.00	14.84	499.38	2.97%
1985	2.16	7.42	0.00	4.92	0.00	0.00	14.50	484.37	2.99%
1984	1.62	7.20	0.00	4.59	0.00	0.00	13.40	517.24	2.59%
1983	1.48	5.88	0.00	4.59	0.00	0.00	11.95	503.63	2.37%
1982	0.74	6.33	0.00	4.14	0.00	0.00	11.20	525.09	2.13%
1981	0.30	5.30	0.00	4.08	0.00	0.00	9.69	484.11	2.00%
1980	0.00	5.90	0.00	4.56	0.00	0.00	10.46	516.46	2.03%
1979	0.00	3.93	0.00	4.25	0.00	0.00	8.18	573.59	1.43%
1978	0.00	3.79	0.00	4.05	0.00	0.00	7.85	561.29	1.40%
1977	0.00	3.40	0.00	4.17	0.00	0.00	7.56	566.78	1.33%
1976	0.00	3.14	0.00	4.36	0.00	0.00	7.49	552.53	1.36%
1975	0.00	2.78	0.00	4.14	0.00	0.00	6.91	530.74	1.30%

Year	Biofuels	Biomass	Geothermal	Hydroelectric Power	Photovoltaic and Solar Thermal	Wind	Total Renewable Energy Consumption	Total Primary Energy Consumption	Renewable Energy Percent
1974	0.00	2.65	0.00	4.41	0.00	0.00	7.07	517.75	1.36%
1973	0.00	2.67	0.00	4.68	0.00	0.00	7.35	495.69	1.48%
1972	0.00	2.58	0.00	4.68	0.00	0.00	7.26	478.60	1.52%
1971	0.00	1.60	0.00	4.64	0.00	0.00	6.24	453.51	1.38%
1970	0.00	1.57	0.00	4.68	0.00	0.00	6.24	452.32	1.38%
1969	0.00	1.60	0.00	4.22	0.00	0.00	5.83	425.30	1.37%
1968	0.00	1.67	0.00	4.28	0.00	0.00	5.95	403.95	1.47%
1967	0.00	1.74	0.00	3.97	0.00	0.00	5.71	370.77	1.54%
1966	0.00	1.85	0.00	3.97	0.00	0.00	5.81	372.77	1.56%
1965	0.00	1.90	0.00	3.81	0.00	0.00	5.71	331.72	1.72%
1964	0.00	2.31	0.00	3.42	0.00	0.00	5.73	338.15	1.70%
1963	0.00	2.57	0.00	3.46	0.00	0.00	6.03	328.38	1.84%
1962	0.00	2.68	0.00	3.33	0.00	0.00	6.00	319.82	1.88%
1961	0.00	2.95	0.00	3.17	0.00	0.00	6.11	307.22	1.99%
1960	0.00	3.11	0.00	3.27	0.00	0.00	6.38	302.82	2.11%

**Sources:** *State Energy Data Report*. Energy Information Administration, Washington, DC. Nebraska Department of Water, Energy, and Environment, Lincoln, NE.

**Notes:** Consumption is listed in Btu to enable totaling all the categories of energy. Biofuels consist of fuel ethanol, biodiesel, and losses and co-products.