RHODE ISLAND

Table CT3. Total end-use sector energy consumption estimates, selected years, 1960-2022, Rhode Island

Year	Coal Thousand short tons	Natural gas a Billion cubic feet	Distillate fuel oil b	HGL c	Jet fuel d	Motor gasoline e	Residual fuel oil	Other f	Total	Hydro-electric power g,h Million kilowatt-hours	Wood and waste h,i	Losses and co-products j	Geo-thermal h	Solar h,k	Electricity l Million kilowatt-hours	End use h,m	Electrical system energy losses n	Total h,m
			Petroleum (Thousand barrels)								Biomass							
Thousand barrels																		
1960	25	11	8,093	207	38	5,975	9,114	2,016	25,443	1	––	––	––	––	1,911	––	––	––
1970	10	23	8,575	375	137	8,009	6,736	1,868	25,700	0	––	––	––	––	3,927	––	––	––
1980	7	26	5,004	293	348	8,416	891	1,671	16,625	0	––	––	––	––	5,131	––	––	––
1990	5	30	5,267	501	776	8,765	1,084	1,923	18,316	0	––	––	––	––	6,419	––	––	––
2000	2	40	5,420	447	1,283	9,468	681	478	17,776	0	––	––	––	––	7,301	––	––	––
2005	3	37	6,150	433	825	9,216	727	568	17,919	0	––	––	––	––	8,049	––	––	––
2006	2	34	5,304	416	593	9,854	478	532	17,176	0	––	––	––	––	7,799	––	––	––
2007	2	37	5,744	417	335	9,730	411	197	16,835	0	––	––	––	––	8,013	––	––	––
2008	0	36	4,995	408	300	9,727	242	1,437	17,108	0	––	––	––	––	7,819	––	––	––
2009	0	37	5,567	402	694	9,446	547	963	17,619	0	––	––	––	––	7,618	––	––	––
2010	0	37	5,402	356	621	9,378	232	1,080	17,069	0	––	––	––	––	7,799	––	––	––
2011	0	36	5,002	396	675	8,837	179	824	15,913	0	––	––	––	––	7,732	––	––	––
2012	0	35	4,748	382	607	8,566	49	899	15,252	0	––	––	––	––	7,708	––	––	––
2013	0	39	4,992	448	584	8,629	37	1,147	15,836	0	––	––	––	––	7,781	––	––	––
2014	0	44	5,549	554	524	8,742	46	1,171	16,585	0	––	––	––	––	7,643	––	––	––
2015	0	44	5,280	526	561	9,031	47	1,114	16,559	0	––	––	––	––	7,665	––	––	––
2016	0	39	3,641	557	525	8,897	64	R 945	R 14,630	0	––	––	––	––	7,524	––	––	––
2017	0	41	3,740	596	492	8,875	26	R 1,045	R 14,774	0	––	––	––	––	7,385	––	––	––
2018	0	45	4,670	779	439	9,261	4	R 1,006	R 16,158	0	––	––	––	––	7,583	––	––	––
2019	0	44	4,193	691	402	9,098	10	R 910	R 15,304	0	––	––	––	––	7,350	––	––	––
2020	0	40	3,855	646	303	7,612	2	R 1,029	R 13,447	0	––	––	––	––	7,352	––	––	––
2021	0	41	R 4,772	659	266	8,266	13	R 1,074	R 15,050	0	––	––	––	––	7,398	––	––	––
2022	0	41	4,790	651	370	8,437	13	1,086	15,346	0	––	––	––	––	7,576	––	––	––
Trillion Btu																		
1960	0.6	11.9	47.1	0.8	0.2	31.4	57.3	12.2	149.1	(s)	2.9	NA	NA	NA	6.5	R 170.9	R 13.2	R 184.1
1970	0.2	23.3	49.9	1.4	0.8	42.1	42.4	11.5	148.0	0.0	5.2	NA	NA	NA	13.4	190.1	R 27.4	R 217.6
1980	0.2	26.5	29.1	1.1	2.0	44.2	5.6	10.4	92.4	0.0	7.3	NA	NA	NA	17.5	143.6	R 37.2	R 180.8
1990	0.1	31.1	30.7	1.9	4.4	46.0	6.8	12.5	102.3	0.0	3.4	0.0	0.0	(s)	21.9	158.8	R 53.5	R 212.2
2000	0.1	41.9	31.5	1.7	7.3	49.2	4.3	2.9	96.9	0.0	3.0	0.0	(s)	(s)	24.9	166.8	R 38.7	R 205.6
2005	0.1	37.6	35.8	1.6	4.7	47.9	4.6	3.6	98.1	0.0	0.8	0.0	(s)	(s)	27.5	164.0	R 45.0	R 209.0
2006	(s)	34.8	30.8	1.5	3.4	51.1	3.0	3.3	93.1	0.0	0.7	0.0	(s)	R (s)	26.6	155.3	R 44.7	R 199.9
2007	(s)	37.5	33.2	1.6	1.9	50.0	2.6	1.1	90.4	0.0	0.7	0.0	(s)	R (s)	27.3	156.2	R 41.6	R 197.8
2008	0.0	37.2	28.9	1.5	1.7	49.7	1.5	9.4	92.7	0.0	0.8	(s)	(s)	R (s)	26.7	157.4	R 36.6	R 194.0
2009	0.0	38.3	32.2	1.5	3.9	48.1	3.4	6.3	95.4	0.0	1.6	(s)	(s)	R (s)	26.0	R 161.3	33.5	194.8
2010	0.0	37.8	31.2	1.4	3.5	47.5	1.5	7.1	92.1	0.0	1.8	(s)	(s)	R (s)	26.6	158.4	R 36.8	R 195.2
2011	0.0	37.1	28.9	1.5	3.8	44.7	1.1	5.4	85.5	0.0	1.8	(s)	0.1	0.1	26.4	150.9	34.5	R 185.4
2012	0.0	36.0	27.4	1.5	3.4	43.4	0.3	5.9	81.8	0.0	1.5	(s)	0.1	0.1	26.3	145.8	37.6	R 183.3
2013	0.0	40.4	28.8	1.7	3.3	43.7	0.2	7.5	85.2	0.0	1.9	(s)	0.1	0.1	26.5	154.2	R 41.2	R 195.4
2014	0.0	45.3	32.0	2.1	3.0	44.2	0.3	7.6	89.2	0.0	1.9	(s)	0.1	0.1	26.1	R 162.7	R 39.6	R 202.3
2015	0.0	45.1	30.4	2.0	3.2	45.7	0.3	7.3	88.9	0.0	2.2	(s)	0.1	R 0.1	26.2	R 162.5	R 39.2	R 201.7
2016	0.0	40.3	21.0	2.1	3.0	45.0	0.4	6.2	77.6	0.0	1.8	(s)	0.1	R 0.1	25.7	R 145.6	R 38.0	R 183.6
2017	0.0	42.5	21.5	2.3	2.8	44.8	0.2	6.7	78.3	0.0	1.7	(s)	0.1	R 0.2	25.2	R 148.1	R 32.8	R 180.9
2018	0.0	45.9	26.9	3.0	2.5	46.8	(s)	R 6.5	R 85.7	0.0	1.6	(s)	0.1	R 0.4	25.9	R 159.5	R 34.6	R 194.1
2019	0.0	44.9	24.1	2.7	2.3	46.0	0.1	5.8	80.9	0.0	2.2	(s)	0.1	R 0.7	25.1	R 153.8	34.1	188.0
2020	0.0	40.9	22.2	2.5	1.7	38.5	(s)	R 6.7	R 71.5	0.0	R 1.4	(s)	0.1	R 1.1	25.1	R 140.0	R 32.0	172.0
2021	0.0	41.8	R 27.5	2.5	1.5	41.7	0.1	6.9	R 80.3	0.0	R 1.3	(s)	0.1	R 1.4	25.2	R 150.1	R 31.9	R 181.9
2022	0.0	42.1	27.6	2.5	2.1	42.6	0.1	7.0	81.9	0.0	1.5	(s)	0.1	1.8	25.9	153.3	R 33.5	186.7

[a] Includes supplemental gaseous fuels that are commingled with natural gas.

[b] Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil. Excludes biofuels product supplied.

[c] Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

[d] Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other petroleum."

[e] Beginning in 1993, includes fuel ethanol blended into motor gasoline.

[f] Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.

[g] Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.

[h] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

[i] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

[j] Losses and co-products from the production of biodiesel and fuel ethanol.

[k] Solar thermal and photovoltaic energy.

[l] Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

[m] Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in End Use and Total. For 1981 through 1992, includes fuel ethanol blended into motor gasoline. Beginning in 2009, includes a small amount of wind energy consumed by the commercial and industrial sectors. Beginning in 2021, adjusted for the double-counting of biofuels product supplied.

[n] Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

– – = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: · Total end-use sector consumption estimates are the sum of the consumption estimates for the residential, commercial, industrial, and transportation sectors. · Totals may not equal sum of components due to independent rounding. · The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

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/