

Table CT1. Energy consumption estimates for selected energy sources in physical units, selected years, 1960-2023, Rhode Island

Year			Petroleum							Nuclear electric power	Hydro-electric power ^g	Wind	Fuel ethanol ^h	Biodiesel
	Coal	Natural gas ^a	Distillate fuel oil ^b	HGL ^c	Jet fuel ^d	Motor gasoline ^e	Residual fuel oil	Other ^f	Total					
	Thousand short tons	Billion cubic feet	Thousand barrels											
1960	598	12	8,106	207	38	5,975	9,827	2,016	26,170	0	9	0	NA	NA
1965	419	16	8,679	223	49	6,492	6,276	2,081	22,000	0	2	0	NA	NA
1970	10	25	8,631	375	137	8,009	9,727	1,868	28,746	0	3	0	NA	NA
1971	9	26	9,073	363	125	8,220	10,100	1,988	29,870	0	1	0	NA	NA
1972	7	22	9,301	428	174	8,604	9,744	1,683	29,935	0	6	0	NA	NA
1973	7	21	8,881	449	175	8,625	8,440	2,101	28,672	0	5	0	NA	NA
1974	40	24	8,288	408	165	8,719	6,381	1,801	25,762	0	4	0	NA	NA
1975	7	23	8,003	498	271	8,972	4,389	1,944	24,076	0	3	0	NA	NA
1976	6	21	8,633	549	241	8,813	4,478	1,973	24,688	0	3	0	NA	NA
1977	5	26	8,401	600	209	9,207	4,738	2,011	25,166	0	4	0	NA	NA
1978	5	23	7,887	518	260	9,098	3,671	1,909	23,343	0	4	0	NA	NA
1979	5	27	7,237	317	312	8,873	2,178	1,651	20,567	0	3	0	NA	NA
1980	7	28	5,032	293	348	8,416	2,525	1,671	18,287	0	1	0	NA	NA
1981	8	29	3,983	278	303	8,519	2,204	1,222	16,508	0	(s)	0	1	NA
1982	8	28	3,972	328	281	8,415	1,649	1,491	16,135	0	3	0	(s)	NA
1983	7	29	4,706	330	329	8,299	1,465	1,435	16,564	0	3	0	0	NA
1984	9	32	5,448	314	571	8,562	1,690	1,631	18,217	0	2	0	0	NA
1985	9	30	4,940	501	498	8,665	2,232	3,275	20,111	0	0	0	0	NA
1986	28	26	5,771	585	387	8,938	3,771	1,870	21,323	0	0	0	0	NA
1987	5	36	6,748	669	528	9,140	2,318	2,136	21,539	0	0	0	0	NA
1988	175	31	6,644	564	636	9,277	3,042	2,092	22,255	0	0	0	0	NA
1989	27	34	6,373	502	724	8,874	1,692	1,903	20,068	0	5	0	0	NA
1990	5	39	5,285	501	776	8,765	1,424	1,923	18,674	0	10	0	0	NA
1991	4	76	5,739	466	656	8,681	1,093	677	17,311	0	10	0	0	NA
1992	5	116	5,996	456	556	8,756	1,192	1,720	18,676	0	10	0	0	NA
1993	3	74	5,745	513	527	8,883	1,303	1,017	17,989	0	9	0	0	NA
1994	3	109	6,471	501	529	8,630	1,163	1,463	18,757	0	9	0	0	NA
1995	3	101	5,839	461	500	8,927	936	1,220	17,882	0	9	0	0	NA
1996	3	120	6,008	536	540	9,006	984	573	17,647	0	10	0	0	NA
1997	3	118	6,705	422	828	9,195	904	546	18,599	0	8	0	0	NA
1998	2	131	5,578	481	920	9,391	683	596	17,649	0	9	0	0	NA
1999	2	118	5,465	506	1,057	9,593	641	614	17,876	0	6	0	0	NA
2000	2	88	5,459	447	1,283	9,468	681	478	17,815	0	5	0	0	NA
2001	2	96	5,750	431	1,304	9,617	633	547	18,282	0	3	0	0	(s)
2002	3	88	5,678	560	1,286	9,452	610	448	18,034	0	4	0	10	R 1
2003	4	78	6,583	473	1,056	9,474	683	543	18,812	0	6	0	11	(s)
2004	3	73	6,515	360	1,035	9,108	671	392	18,082	0	5	0	198	R 1
2005	3	81	6,177	433	825	9,216	727	568	17,946	0	7	0	299	R 3
2006	2	77	5,329	416	593	9,854	478	532	17,201	0	6	0	800	R 9
2007	2	88	5,780	417	335	9,730	411	197	16,870	0	4	0	1,033	R 13
2008	0	89	5,033	408	300	9,727	242	1,437	17,146	0	5	0	961	R 11
2009	0	93	5,590	402	694	9,446	547	963	17,642	0	5	0	1,110	R 11
2010	0	94	5,424	356	621	9,378	232	R 1,097	R 17,108	0	4	3	995	R 9
2011	0	100	5,024	396	675	8,837	179	R 838	R 15,950	0	7	3	913	R 31
2012	0	95	4,777	382	607	8,566	49	R 910	R 15,292	0	4	1	866	R 30
2013	0	86	5,053	448	584	8,629	37	R 1,157	R 15,907	0	4	3	889	R 53
2014	0	89	5,653	554	524	8,742	46	R 1,181	R 16,699	0	4	10	908	R 117
2015	0	94	5,423	526	561	9,031	47	R 1,127	R 16,716	0	3	10	941	R 269
2016	0	86	3,684	557	525	8,897	64	R 960	R 14,687	0	2	27	922	R 266
2017	0	92	3,818	596	492	8,875	26	1,045	14,853	0	2	149	924	R 346
2018	0	102	4,783	779	439	9,261	4	1,006	16,272	0	4	159	956	R 397
2019	0	95	4,206	691	402	9,098	10	910	15,318	0	4	206	956	R 365
2020	0	98	3,860	646	R 304	7,612	2	1,029	13,453	0	4	215	807	R 308
2021	0	103	4,789	659	266	8,266	13	R 1,214	15,207	0	4	172	883	R 294
2022	0	91	R 4,897	651	370	8,437	13	R 1,179	15,548	0	7	209	903	R 293
2023	0	109	4,818	585	380	8,485	11	1,031	15,309	0	8	169	908	290

^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." There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes. See technical notes.^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 Includes denaturant. Because of differences in data sources and estimation methods, the ratio of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate.

NA = Not available.

Where shown, R = Revised data and (s) = Value less than 0.5.

Notes: - 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. <https://www.eia.gov/state/seds/>

Table CT2. Primary energy consumption estimates, selected years, 1960-2023, Rhode Island
(trillion Btu)

Year	Fossil fuels										Fossil fuels (as commingled)		
	Coal	Natural gas excluding supplemental gaseous fuels ^a	Petroleum						Total	Total	Natural gas including supplemental gaseous fuels ^a	Distillate fuel oil including biofuels ^a	Motor gasoline including fuel ethanol ^a
			Distillate fuel oil excluding biofuels ^a	HGL ^b	Jet fuel ^c	Motor gasoline excluding fuel ethanol ^a	Residual fuel oil	Other ^d					
1960	16.8	12.3	47.2	0.8	0.2	31.4	61.8	12.2	153.6	182.6	12.3	47.2	31.4
1965	11.5	17.0	40.1	0.9	0.3	34.1	39.5	12.7	127.5	156.0	17.0	40.1	34.1
1970	0.2	25.6	50.3	1.4	0.8	42.1	61.2	11.5	167.1	193.0	25.6	50.3	42.1
1971	0.2	26.2	52.9	1.4	0.7	43.2	63.5	12.3	173.9	200.3	26.2	52.9	43.2
1972	0.2	23.0	54.2	1.6	1.0	45.2	61.3	10.3	173.5	196.6	23.0	54.2	45.2
1973	0.1	20.9	51.7	1.7	1.0	45.3	53.1	13.1	165.9	186.9	20.9	51.7	45.3
1974	1.0	24.1	48.3	1.5	0.9	45.8	40.1	11.3	147.9	173.0	24.1	48.3	45.8
1975	0.1	23.5	46.6	1.8	1.5	47.1	27.6	12.2	136.8	160.4	23.5	46.6	47.1
1976	0.1	21.0	50.3	2.0	1.4	46.3	28.2	12.3	140.4	161.5	21.0	50.3	46.3
1977	0.1	26.0	48.9	2.2	1.2	48.4	29.8	12.7	143.2	169.2	26.0	48.9	48.4
1978	0.1	23.3	45.9	1.9	1.5	47.8	23.1	12.0	132.1	155.6	23.3	45.9	47.8
1979	0.1	27.5	42.2	1.2	1.8	46.6	13.7	10.2	115.6	143.3	27.5	42.2	46.6
1980	0.2	27.9	29.3	1.1	2.0	44.2	15.9	10.4	102.8	130.9	28.2	29.3	44.2
1981	0.2	28.9	23.2	1.0	1.7	44.8	13.9	7.9	92.5	121.5	29.8	23.2	44.8
1982	0.2	28.1	23.1	1.2	1.6	44.2	10.4	9.6	90.1	118.5	28.9	23.1	44.2
1983	0.2	29.4	27.4	1.2	1.9	43.6	9.2	9.3	92.6	122.2	30.1	27.4	43.6
1984	0.2	32.5	31.7	1.2	3.2	45.0	10.6	10.6	102.3	135.1	32.6	31.7	45.0
1985	0.2	30.7	28.8	1.9	2.8	45.5	14.0	21.5	114.5	145.4	30.9	28.8	45.5
1986	0.7	26.9	33.6	2.2	2.2	47.0	23.7	12.0	120.6	148.3	27.1	33.6	47.0
1987	0.1	36.8	39.3	2.5	3.0	48.0	14.6	13.8	121.2	158.1	36.9	39.3	48.0
1988	4.4	31.2	38.7	2.1	3.6	48.7	19.1	13.5	125.8	161.4	31.6	38.7	48.7
1989	0.7	34.6	37.1	1.9	4.1	46.6	10.6	12.3	112.7	148.0	34.9	37.1	46.6
1990	0.1	40.4	30.8	1.9	4.4	46.0	9.0	12.5	104.5	145.0	40.5	30.8	46.0
1991	0.1	78.0	33.4	1.7	3.7	45.6	6.9	4.3	95.7	173.7	78.1	33.4	45.6
1992	0.1	117.8	34.9	1.7	3.1	46.0	7.5	11.2	104.5	222.4	117.9	34.9	46.0
1993	0.1	76.5	33.5	1.9	3.0	46.3	8.2	6.6	99.5	176.1	76.6	33.5	46.3
1994	0.1	112.1	37.7	1.9	3.0	45.0	7.3	9.5	104.4	216.6	112.1	37.7	45.0
1995	0.1	103.5	34.0	1.7	2.8	46.5	5.9	7.9	98.8	202.4	103.5	34.0	46.5
1996	0.1	127.1	35.0	2.0	3.1	46.9	6.2	3.6	96.8	224.0	127.2	35.0	46.9
1997	0.1	120.5	39.0	1.6	4.7	47.9	5.7	3.4	102.3	222.8	120.5	39.0	47.9
1998	0.1	134.0	32.5	1.8	5.2	48.9	4.3	3.7	96.3	230.4	134.0	32.5	48.9
1999	(s)	120.7	31.8	1.9	6.0	49.9	4.0	3.8	97.4	218.2	120.7	31.8	49.9
2000	0.1	91.8	31.8	1.7	7.3	49.2	4.3	2.9	97.2	189.0	91.8	31.8	49.2
2001	0.1	98.6	33.5	1.6	7.4	50.0	4.0	3.3	99.8	198.4	98.6	33.5	50.0
2002	0.1	89.8	33.0	2.1	7.3	49.1	3.8	2.7	98.1	188.0	89.8	33.0	49.1
2003	0.1	80.3	38.3	1.8	6.0	49.2	4.3	3.4	103.0	183.4	80.3	38.3	49.2
2004	0.1	74.4	37.9	1.4	5.9	46.6	4.2	2.4	98.4	172.8	74.4	37.9	47.3
2005	0.1	82.5	35.9	1.6	4.7	46.8	4.6	3.6	97.2	179.7	82.5	35.9	47.9
2006	(s)	78.5	30.9	1.5	3.4	48.3	3.0	3.3	90.5	169.0	78.5	30.9	51.1
2007	(s)	90.3	33.4	1.6	1.9	46.4	2.6	1.1	87.0	177.3	90.3	33.4	50.0
2008	0.0	91.2	29.1	1.5	1.7	46.3	1.5	9.4	89.6	180.8	91.2	29.1	49.7
2009	0.0	94.9	32.2	1.5	3.9	44.2	3.4	6.3	91.6	186.5	94.9	32.3	48.1
2010	0.0	95.7	31.3	1.4	3.5	44.1	1.5	R 7.2	R 88.8	R 184.5	95.7	31.3	47.5
2011	0.0	102.5	28.8	1.5	3.8	41.6	1.1	R 5.5	82.3	R 184.8	102.5	29.0	44.7
2012	0.0	98.4	27.4	1.5	3.4	40.4	0.3	R 6.0	78.9	R 177.4	98.4	R 27.5	43.4
2013	0.0	88.3	R 28.9	1.7	3.3	40.6	0.2	R 7.6	R 82.3	R 170.5	88.3	R 29.2	43.7
2014	0.0	91.4	R 32.0	2.1	3.0	41.1	0.3	R 7.7	R 86.1	R 177.5	91.4	32.6	44.2
2015	0.0	96.5	R 29.8	2.0	3.2	42.4	0.3	R 7.4	R 85.0	R 181.5	96.5	31.2	45.7
2016	0.0	88.5	R 19.7	2.1	3.0	41.8	0.4	6.2	R 73.3	R 161.7	88.5	21.2	45.0
2017	0.0	94.7	R 20.0	2.3	2.8	41.6	0.2	6.7	R 73.6	R 168.4	94.7	R 21.9	44.8
2018	0.0	104.7	R 25.3	3.0	2.5	43.5	(s)	6.5	R 80.8	R 185.5	104.7	R 27.4	46.8
2019	0.0	97.9	R 22.2	2.7	2.3	42.6	0.1	5.8	R 75.6	R 173.6	97.9	R 24.1	46.0
2020	0.0	101.0	R 20.5	2.5	1.7	35.6	(s)	6.7	R 67.0	R 168.0	101.0	R 22.1	38.5
2021	0.0	105.5	R 26.9	2.5	1.5	38.7	0.1	R 7.7	R 76.5	R 181.9	105.5	27.6	41.7
2022	0.0	93.8	R 27.6	2.5	2.1	39.5	0.1	R 7.5	R 78.3	R 172.1	93.8	28.2	42.6
2023	0.0	112.5	27.2	2.2	2.2	39.7	0.1	6.5	76.8	189.3	112.5	27.8	42.8

^a Supplemental gaseous fuels (SGF) and biofuels are consumed with natural gas and petroleum products. In this table, SGF and biofuels are removed from natural gas and petroleum so that a fossil fuel total can be calculated without double-counting. Biofuels are included in "Renewable energy."

^b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

^c 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." There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes, see technical notes.

^d Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum

products" category. See technical notes, Section 4.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Notes: · 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. <https://www.eia.gov/state/seds/>

Table CT2. Primary energy consumption estimates, selected years, 1960-2023, Rhode Island (continued)
(trillion Btu)

Year	Nuclear electric power	Renewable energy											Net interstate flow of electricity ^l	Electricity net imports ^m	Total ^{f,j}
		Hydro- electric power ^{e,f}	Biomass						Geo- thermal ^f	Solar ^{f,k}	Wind	Total ^{f,j}			
			Wood and waste ^{f,g}	Fuel ethanol ^h	Biodiesel	Renewable diesel	Losses and co- products ⁱ	Total ^{f,j}							
1960	0.0	(s)	2.9	NA	NA	NA	NA	2.9	0.0	NA	NA	2.9	-1.4	0.0	184.1
1965	0.0	(s)	3.5	NA	NA	NA	NA	3.5	0.0	NA	NA	3.5	10.1	0.0	169.6
1970	0.0	(s)	5.2	NA	NA	NA	NA	5.2	0.0	NA	NA	5.2	19.3	0.0	217.6
1975	0.0	(s)	4.0	NA	NA	NA	NA	4.0	0.0	NA	NA	4.0	36.3	0.0	200.8
1976	0.0	(s)	4.7	NA	NA	NA	NA	4.7	0.0	NA	NA	4.7	44.1	0.0	210.3
1977	0.0	(s)	5.3	NA	NA	NA	NA	5.3	0.0	NA	NA	5.3	44.7	0.0	219.2
1978	0.0	(s)	6.5	NA	NA	NA	NA	6.5	0.0	NA	NA	6.5	45.6	0.0	207.8
1979	0.0	(s)	7.1	NA	NA	NA	NA	7.1	0.0	NA	NA	7.1	46.1	0.0	196.5
1980	0.0	(s)	7.3	NA	NA	NA	NA	7.3	0.0	NA	NA	7.3	42.6	0.0	180.8
1981	0.0	(s)	6.6	NA	NA	NA	NA	6.6	0.0	NA	NA	6.6	42.6	0.0	170.8
1982	0.0	(s)	6.0	NA	NA	NA	NA	6.0	0.0	NA	NA	6.0	45.2	0.0	169.7
1983	0.0	(s)	7.4	NA	NA	NA	NA	7.4	0.0	NA	NA	7.4	45.6	0.0	175.2
1984	0.0	(s)	4.9	NA	NA	NA	NA	4.9	0.0	NA	NA	4.9	46.8	0.0	186.8
1985	0.0	0.0	5.1	0.0	NA	NA	0.0	5.1	0.0	NA	NA	5.1	47.6	1.4	199.5
1986	0.0	0.0	4.7	0.0	NA	NA	0.0	4.7	0.0	NA	NA	4.7	48.2	(s)	201.1
1987	0.0	0.0	3.3	0.0	NA	NA	0.0	3.3	0.0	NA	0.0	3.3	50.0	(s)	211.4
1988	0.0	0.0	3.5	0.0	NA	NA	0.0	3.5	0.0	0.0	0.0	3.5	52.2	2.3	219.4
1989	0.0	(s)	3.7	0.0	NA	NA	0.0	3.7	0.0	(s)	0.0	3.8	59.9	0.3	212.0
1990	0.0	(s)	4.4	0.0	NA	NA	0.0	4.4	0.0	(s)	0.0	4.4	62.6	0.1	212.2
1991	0.0	(s)	4.4	0.0	NA	NA	0.0	4.4	0.0	(s)	0.0	4.5	38.3	1.8	218.4
1992	0.0	(s)	4.7	0.0	NA	NA	0.0	4.7	0.0	(s)	0.0	4.8	15.7	3.1	245.9
1993	0.0	(s)	5.0	0.0	NA	NA	0.0	5.0	0.0	(s)	0.0	5.1	17.2	3.7	202.1
1994	0.0	(s)	4.9	0.0	NA	NA	0.0	4.9	0.0	(s)	0.0	5.0	15.2	4.0	240.8
1995	0.0	(s)	4.9	0.0	NA	NA	0.0	4.9	0.0	(s)	0.0	5.0	17.8	4.4	229.6
1996	0.0	(s)	5.4	0.0	NA	NA	0.0	5.4	0.0	(s)	0.0	5.5	-13.9	4.5	220.1
1997	0.0	(s)	4.2	0.0	NA	NA	0.0	4.2	0.0	(s)	0.0	4.3	-15.1	5.8	217.8
1998	0.0	(s)	4.1	0.0	NA	NA	0.0	4.1	0.0	(s)	0.0	4.1	-13.9	6.0	226.6
1999	0.0	(s)	4.3	0.0	NA	NA	0.0	4.3	(s)	(s)	0.0	4.4	-2.3	6.6	226.8
2000	0.0	(s)	4.4	0.0	NA	NA	0.0	4.4	(s)	(s)	0.0	4.5	6.7	5.4	205.6
2001	0.0	(s)	3.8	0.0	NA	NA	0.0	3.8	(s)	(s)	0.0	3.9	-0.7	2.6	204.1
2002	0.0	(s)	3.6	(s)	NA	NA	0.0	3.7	(s)	(s)	0.0	3.7	10.5	1.1	203.3
2003	0.0	(s)	3.7	(s)	NA	NA	0.0	3.7	(s)	(s)	0.0	3.8	30.2	0.4	217.8
2004	0.0	(s)	3.8	0.7	NA	NA	0.0	4.5	(s)	(s)	0.0	4.5	37.0	1.0	215.4
2005	0.0	(s)	0.8	1.0	(s)	NA	0.0	1.8	(s)	(s)	0.0	1.9	26.2	1.2	209.0
2006	0.0	(s)	2.5	2.8	(s)	NA	0.0	5.3	(s)	(s)	0.0	5.4	24.4	1.1	R 200.0
2007	0.0	(s)	2.7	3.6	R 0.1	NA	0.0	6.3	(s)	(s)	0.0	R 6.4	12.6	1.4	R 197.8
2008	0.0	(s)	2.8	3.3	R 0.1	NA	(s)	6.2	(s)	(s)	0.0	6.3	4.9	2.1	R 194.1
2009	0.0	(s)	3.4	3.8	R 0.1	NA	(s)	7.3	(s)	(s)	0.0	7.4	-1.6	2.5	R 194.8
2010	0.0	(s)	3.6	3.4	(s)	NA	(s)	R 7.1	(s)	(s)	(s)	7.1	2.1	1.6	R 195.3
2011	0.0	(s)	3.3	3.2	R 0.2	NA	(s)	R 6.7	0.1	0.1	(s)	R 6.9	-8.3	2.1	R 185.5
2012	0.0	(s)	2.7	3.0	R 0.2	NA	(s)	R 5.8	0.1	0.1	(s)	R 6.0	0.1	0.0	R 183.4
2013	0.0	(s)	2.4	3.1	R 0.3	NA	(s)	R 5.7	0.1	0.1	(s)	R 5.9	18.5	0.5	195.5
2014	0.0	(s)	R 3.9	3.2	R 0.6	NA	(s)	R 7.7	0.1	0.1	(s)	R 7.9	16.3	0.6	R 202.4
2015	0.0	(s)	4.3	3.3	R 1.4	0.0	(s)	R 9.0	0.1	0.1	(s)	R 9.2	10.4	0.6	R 201.7
2016	0.0	(s)	3.8	3.2	R 1.4	0.0	(s)	R 8.4	0.1	0.2	0.1	R 8.7	12.6	0.5	R 183.6
2017	0.0	(s)	3.7	3.2	R 1.9	0.0	(s)	R 8.7	0.1	0.3	0.5	R 9.6	2.2	0.7	R 180.8
2018	0.0	(s)	3.6	3.3	R 2.1	0.0	(s)	R 9.1	0.1	0.5	0.5	R 10.2	-2.2	0.5	R 193.9
2019	0.0	(s)	4.2	3.3	R 2.0	0.0	(s)	R 9.5	0.1	0.8	0.7	R 11.1	3.2	0.0	R 187.8
2020	0.0	(s)	R 4.9	2.8	R 1.7	0.0	(s)	R 9.4	0.1	1.7	0.7	R 11.9	-7.3	0.0	R 172.6
2021	0.0	(s)	R 4.2	3.1	R 1.6	0.0	(s)	R 8.8	0.1	2.3	0.6	R 11.8	-10.3	0.0	R 183.5
2022	0.0	(s)	R 4.7	3.1	R 1.6	0.0	(s)	R 9.4	0.1	3.1	0.7	R 13.3	2.9	0.0	R 188.3
2023	0.0	(s)	4.7	3.2	1.6	0.0	0.0	9.4	0.1	3.5	0.6	13.6	-20.0	0.0	183.0

^e Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.

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

^g Wood, wood-derived fuels, and biomass waste. Beginning in 2006, includes small amount of other biomass liquids that are biodiesel.

^h Excludes denaturant. Because of differences in data sources and estimation methods, the ratio of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate. Pre-2005 estimates are not comparable to those for later years. See Section 5 of technical notes.

ⁱ Losses and co-products from the production of biodiesel and fuel ethanol.

^j Beginning in 2006, adjusted for the double-counting of other biomass liquids that are biodiesel, which are included in both wood & waste and biodiesel, but should be counted only once in Total.

^k Solar thermal and photovoltaic energy.

^l Includes the energy losses associated with the generation, transmission, and distribution of the electricity flowing across

state lines. A positive number indicates that more electricity came into the state than went out of the state during the year. Pre-1990 estimates are not comparable to those for later years. See Section 6 of technical notes for an explanation of changes in methodology.

^m Electricity traded with Canada and Mexico. Calculated by converting net imports in kilowatt-hours by 3,412 Btu per kilowatt-hour.

NA = Not available.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Notes: · 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. <https://www.eia.gov/state/seds/>

Table CT3. Total end-use sector energy consumption estimates, selected years, 1960-2023, Rhode Island

Year	Coal	Natural gas ^a	Petroleum							Hydro-electric power ^{g,h}	Biomass		Geo-thermal ^h	Solar ^{h,k}	Electricity ^l	End use ^{h,m}	Electrical system energy losses ⁿ	Total ^{h,m}
			Distillate fuel oil ^b	HGL ^c	Jet fuel ^d	Motor gasoline ^e	Residual fuel oil	Other ^f	Total		Wood and waste ^{h,i}	Losses and co-products ^j						
	Thousand short tons	Billion cubic feet	Thousand barrels							Million kilowatt-hours				Million kilowatt-hours				
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	R 1,097	R 17,086	0	--	--	--	--	7,799	--	--	--
2011	0	36	5,002	396	675	8,837	179	R 838	R 15,928	0	--	--	--	--	7,732	--	--	--
2012	0	35	4,748	382	607	8,566	49	R 910	R 15,263	0	--	--	--	--	7,708	--	--	--
2013	0	39	4,992	448	584	8,629	37	R 1,157	R 15,846	0	--	--	--	--	7,781	--	--	--
2014	0	44	5,549	554	524	8,742	46	R 1,181	R 16,595	0	--	--	--	--	7,643	--	--	--
2015	0	44	5,280	526	561	9,031	47	R 1,127	R 16,573	0	--	--	--	--	7,665	--	--	--
2016	0	39	3,641	557	525	8,897	64	R 960	R 14,645	0	--	--	--	--	7,524	--	--	--
2017	0	41	3,740	596	492	8,875	26	1,045	14,774	0	--	--	--	--	7,385	--	--	--
2018	0	45	4,670	779	439	9,261	4	1,006	16,158	0	--	--	--	--	7,583	--	--	--
2019	0	44	4,193	691	402	9,098	10	910	15,304	0	--	--	--	--	7,350	--	--	--
2020	0	40	3,855	646	R 304	7,612	2	1,029	R 13,448	0	--	--	--	--	7,352	--	--	--
2021	0	41	4,772	659	266	8,266	13	R 1,214	R 15,191	0	--	--	--	--	7,398	--	--	--
2022	0	41	R 4,801	651	370	8,437	13	R 1,179	R 15,452	0	--	--	--	--	7,576	--	--	--
2023	0	39	4,775	585	380	8,485	11	1,031	15,266	0	--	--	--	--	7,301	--	--	--

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	170.9	13.2	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	27.4	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	37.2	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	53.5	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	38.7	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	45.0	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)	(s)	26.6	155.3	44.7	R 200.0
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)	(s)	27.3	156.2	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)	(s)	26.7	157.4	36.6	R 194.1
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)	(s)	26.0	161.3	33.5	R 194.8
2010	0.0	37.8	31.2	1.4	3.5	47.5	1.5	R 7.2	R 92.2	0.0	1.8	(s)	(s)	(s)	26.6	R 158.5	36.8	R 195.3
2011	0.0	37.1	28.9	1.5	3.8	44.7	1.1	R 5.5	85.5	0.0	1.8	(s)	0.1	0.1	26.4	R 151.0	34.5	R 185.5
2012	0.0	36.0	27.4	1.5	3.4	43.4	0.3	R 6.0	R 81.9	0.0	1.5	(s)	0.1	0.1	26.3	145.8	37.6	R 183.4
2013	0.0	40.4	28.8	1.7	3.3	43.7	0.2	R 7.6	R 85.3	0.0	1.9	(s)	0.1	0.1	26.5	R 154.3	41.2	R 195.5
2014	0.0	45.3	32.0	2.1	3.0	44.2	0.3	R 7.7	R 89.3	0.0	1.9	(s)	0.1	0.1	26.1	162.7	39.6	R 202.4
2015	0.0	45.1	30.4	2.0	3.2	45.7	0.3	R 7.4	88.9	0.0	2.2	(s)	0.1	0.1	26.2	162.5	39.2	201.7
2016	0.0	40.3	R 20.9	2.1	3.0	45.0	0.4	6.2	R 77.7	0.0	R 1.7	(s)	0.1	0.1	25.7	145.6	38.0	183.6
2017	0.0	42.5	R 21.4	2.3	2.8	44.8	0.2	6.7	78.3	0.0	1.7	(s)	0.1	0.2	25.2	R 148.0	32.8	R 180.8
2018	0.0	45.9	R 26.8	3.0	2.5	46.8	(s)	6.5	R 85.6	0.0	1.6	(s)	0.1	0.4	25.9	R 159.3	34.6	R 193.9
2019	0.0	44.9	R 24.0	2.7	2.3	46.0	0.1	5.8	R 80.8	0.0	R 2.1	(s)	0.1	0.7	25.1	R 153.7	34.1	R 187.8
2020	0.0	40.9	R 22.1	2.5	1.7	38.5	(s)	6.7	R 71.4	0.0	R 2.0	(s)	0.1	1.1	25.1	R 140.6	32.0	R 172.6
2021	0.0	41.8	27.5	2.5	1.5	41.7	0.1	R 7.7	R 81.0	0.0	R 2.1	(s)	0.1	1.4	25.2	R 151.6	31.9	R 183.5
2022	0.0	42.1	R 27.7	2.5	2.1	42.6	0.1	R 7.5	R 82.4	0.0	R 2.5	(s)	0.1	1.8	25.9	R 154.8	33.5	R 188.3
2023	0.0	40.0	27.5	2.2	2.2	42.8	0.1	6.5	81.3	0.0	2.2	0.0	0.1	2.1	24.9	150.6	32.3	183.0

^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 that is not included in the motor gasoline column. 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. <https://www.eia.gov/state/seds/>

Table CT4. Residential sector energy consumption estimates, selected years, 1960-2023, Rhode Island

Year	Coal ^a	Natural gas ^b	Petroleum				Biomass	Geothermal ^g	Solar ^{g,h}	Electricity ⁱ	End use ^{e,j}	Electrical system energy losses ^k	Total ^{e,g,j}
			Distillate fuel oil ^c	HGL ^d	Kerosene	Total ^e							
	Thousand short tons	Billion cubic feet	Thousand barrels				Wood ^f			Million kilowatthours			
1960	12	7	5,507	117	770	6,394	--	--	--	620	--	--	--
1965	7	9	4,828	105	534	5,467	--	--	--	871	--	--	--
1970	4	12	5,835	124	335	6,294	--	--	--	1,390	--	--	--
1975	1	13	5,395	116	87	5,598	--	--	--	1,684	--	--	--
1980	1	14	3,297	90	54	3,441	--	--	--	1,840	--	--	--
1985	1	15	3,818	219	131	4,167	--	--	--	1,971	--	--	--
1990	1	18	3,035	217	38	3,290	--	--	--	2,376	--	--	--
1995	(s)	17	3,466	222	27	3,714	--	--	--	2,472	--	--	--
2000	(s)	19	3,262	218	65	3,544	--	--	--	2,664	--	--	--
2005	(s)	19	3,733	182	59	3,974	--	--	--	3,171	--	--	--
2006	(s)	17	2,870	179	40	3,088	--	--	--	3,008	--	--	--
2007	(s)	18	2,963	209	16	3,188	--	--	--	3,132	--	--	--
2008	0	18	2,848	225	11	3,083	--	--	--	3,043	--	--	--
2009	0	18	3,045	220	24	3,289	--	--	--	2,937	--	--	--
2010	0	17	2,930	189	18	3,137	--	--	--	3,118	--	--	--
2011	0	17	2,698	209	13	2,920	--	--	--	3,129	--	--	--
2012	0	16	2,659	187	6	2,852	--	--	--	3,121	--	--	--
2013	0	18	2,816	209	7	3,031	--	--	--	3,165	--	--	--
2014	0	20	2,743	296	8	3,047	--	--	--	3,070	--	--	--
2015	0	20	2,997	276	5	3,279	--	--	--	3,136	--	--	--
2016	0	17	1,892	308	5	2,205	--	--	--	3,082	--	--	--
2017	0	18	1,795	317	3	2,115	--	--	--	3,028	--	--	--
2018	0	21	2,502	480	3	2,986	--	--	--	3,124	--	--	--
2019	0	20	2,054	422	3	2,479	--	--	--	2,983	--	--	--
2020	0	18	1,865	404	2	2,272	--	--	--	3,148	--	--	--
2021	0	19	2,366	431	4	R 2,918	--	--	--	3,132	--	--	--
2022	0	18	2,346	424	3	R 2,894	--	--	--	3,168	--	--	--
2023	0	17	2,362	406	6	2,894	--	--	--	2,995	--	--	--
Trillion Btu													
1960	0.3	6.9	32.1	0.4	4.4	36.9	1.0	NA	NA	2.1	47.3	4.3	51.6
1965	0.2	9.3	28.1	0.4	3.0	31.6	0.9	NA	NA	3.0	45.0	5.8	50.8
1970	0.1	12.2	34.0	0.5	1.9	36.4	1.2	NA	NA	4.7	54.6	9.7	64.3
1975	(s)	13.2	31.4	0.4	0.5	32.4	1.3	NA	NA	5.7	52.6	11.7	64.4
1980	(s)	14.3	19.2	0.3	0.3	19.9	7.1	NA	NA	6.3	47.4	13.4	60.7
1985	(s)	15.5	22.2	0.8	0.7	23.8	5.0	NA	NA	6.7	51.0	13.7	64.6
1990	(s)	18.2	17.7	0.8	0.2	18.7	3.0	(s)	(s)	8.1	48.1	19.8	67.9
1995	(s)	17.8	20.2	0.9	0.2	21.2	3.3	0.0	(s)	8.4	50.8	14.0	64.8
2000	(s)	19.5	19.0	0.8	0.4	20.2	2.4	(s)	(s)	9.1	51.2	14.1	65.4
2005	(s)	19.5	21.7	0.7	0.3	22.8	0.6	(s)	(s)	10.8	53.7	17.7	71.4
2006	(s)	17.2	16.7	0.7	0.2	17.6	0.5	(s)	(s)	10.3	45.6	17.2	62.8
2007	(s)	18.1	17.1	0.8	0.1	18.0	0.6	(s)	(s)	10.7	47.5	16.2	63.7
2008	0.0	18.1	16.5	0.9	0.1	17.4	0.7	(s)	(s)	10.4	46.6	14.3	60.9
2009	0.0	18.3	17.6	0.8	0.1	18.6	1.4	(s)	(s)	10.0	48.4	12.9	61.3
2010	0.0	17.3	16.9	0.7	0.1	17.7	1.5	(s)	(s)	10.6	47.3	14.7	62.0
2011	0.0	17.3	15.6	0.8	0.1	16.4	1.5	0.1	(s)	10.7	46.0	14.0	60.0
2012	0.0	16.4	15.3	0.7	(s)	16.1	1.2	0.1	(s)	10.7	44.4	15.2	59.6
2013	0.0	18.8	R 16.3	0.8	(s)	17.1	1.6	0.1	(s)	10.8	R 48.4	16.8	65.1
2014	0.0	20.3	15.8	1.1	(s)	17.0	1.6	0.1	(s)	10.5	49.5	15.9	65.4
2015	0.0	20.6	R 17.2	1.1	(s)	R 18.3	1.8	0.1	(s)	10.7	51.6	16.0	67.6
2016	0.0	17.7	10.9	1.2	(s)	12.1	1.4	0.1	0.1	10.5	41.9	15.6	R 57.4
2017	0.0	19.0	10.3	1.2	(s)	R 11.5	1.3	0.1	0.1	10.3	42.4	13.5	R 55.8
2018	0.0	21.1	R 14.3	1.8	(s)	R 16.2	R 1.3	0.1	0.2	10.7	R 49.5	14.2	R 63.7
2019	0.0	20.5	R 11.7	1.6	(s)	R 13.4	R 1.8	0.1	0.2	10.2	R 46.1	13.9	R 59.9
2020	0.0	18.8	10.7	1.6	(s)	R 12.2	R 1.6	0.1	0.3	10.7	R 43.7	13.7	R 57.4
2021	0.0	19.1	13.6	1.7	(s)	R 15.9	R 1.6	0.1	0.4	10.7	R 47.8	13.5	R 61.3
2022	0.0	18.8	13.5	1.6	(s)	R 15.8	R 2.1	0.1	0.5	10.8	R 48.0	14.0	R 62.0
2023	0.0	17.7	13.6	1.6	(s)	15.8	1.7	0.1	0.7	10.2	46.2	13.3	59.5

^a Beginning in 2008, data are no longer collected and are assumed to be zero.

^b Includes supplemental gaseous fuels that are commingled with natural gas.

^c Beginning in 2013, includes biodiesel blended into distillate fuel oil.

^d Hydrocarbon gas liquids, assumed to be propane only.

^e Wood and wood-derived fuels.

^f Beginning in 2021, includes small amounts of other petroleum products (biofuels product supplied) not shown separately.

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

^h Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.

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

^j 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.

^k 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: · 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. <https://www.eia.gov/state/seds/>

R H O D E I S L A N D Table CT5. Commercial sector energy consumption estimates, selected years, 1960-2023, Rhode Island

Year	Coal	Natural gas ^a	Petroleum						Hydro-electric power ^{f,g}	Biomass	Geothermal ^g	Solar ^{g,i}	Electricity ^j	End use ^{g,k}	Electrical system energy losses ^l	Total ^{e,g,k}
			Distillate fuel oil ^b	HGL ^c	Kerosene	Motor gasoline ^d	Residual fuel oil	Total ^e								
	Thousand short tons	Billion cubic feet	Thousand barrels						Million kilowatthours	Wood and waste ^{g,h}		Million kilowatthours				
1960	8	2	1,381	58	17	26	1,237	2,720	NA	--	--	NA	376	--	--	--
1965	6	3	1,211	52	12	32	634	1,942	NA	--	--	NA	546	--	--	--
1970	3	5	1,464	62	7	36	971	2,540	NA	--	--	NA	1,285	--	--	--
1975	3	4	1,353	58	2	41	602	2,056	NA	--	--	NA	1,576	--	--	--
1980	2	7	617	45	0	49	180	891	NA	--	--	NA	1,892	--	--	--
1985	4	8	493	109	4	32	552	1,190	NA	--	--	NA	2,159	--	--	--
1990	4	8	799	108	2	39	597	1,545	0	--	--	(s)	2,688	--	--	--
1995	3	12	741	111	30	10	499	1,391	0	--	--	(s)	2,790	--	--	--
2000	2	13	629	109	19	10	419	1,185	0	--	--	(s)	3,243	--	--	--
2005	3	11	686	105	9	12	437	1,249	0	--	--	(s)	3,628	--	--	--
2006	2	10	609	75	10	10	256	961	0	--	--	2	3,599	--	--	--
2007	1	11	688	89	1	10	234	1,021	0	--	--	2	3,710	--	--	--
2008	0	11	577	92	1	10	162	843	0	--	--	2	3,700	--	--	--
2009	0	11	853	90	(s)	10	150	1,104	0	--	--	2	3,691	--	--	--
2010	0	10	692	84	(s)	10	63	850	0	--	--	2	3,693	--	--	--
2011	0	11	528	98	1	10	44	680	0	--	--	5	3,660	--	--	--
2012	0	10	470	83	(s)	10	25	587	0	--	--	10	3,640	--	--	--
2013	0	12	545	101	(s)	10	25	682	0	--	--	10	3,667	--	--	--
2014	0	13	849	114	(s)	10	33	1,006	0	--	--	10	3,658	--	--	--
2015	0	12	542	109	(s)	200	30	881	0	--	--	11	3,705	--	--	--
2016	0	11	381	111	1	201	24	717	0	--	--	16	3,651	--	--	--
2017	0	11	356	105	(s)	204	1	667	0	--	--	27	3,603	--	--	--
2018	0	13	381	200	1	208	0	790	0	--	--	51	3,698	--	--	--
2019	0	12	300	233	1	209	(s)	744	0	--	--	122	3,644	--	--	--
2020	0	11	204	219	1	211	1	637	0	--	--	220	3,551	--	--	--
2021	0	11	477	200	1	213	(s)	R 914	0	--	--	286	3,605	--	--	--
2022	0	11	467	178	(s)	216	(s)	R 885	0	--	--	393	3,746	--	--	--
2023	0	10	469	150	1	216	(s)	860	0	--	--	413	3,651	--	--	--
Trillion Btu																
1960	0.2	1.8	8.0	0.2	0.1	0.1	7.8	16.3	NA	(s)	NA	NA	1.3	19.5	2.6	22.1
1965	0.1	2.7	7.1	0.2	0.1	0.2	4.0	11.5	NA	(s)	NA	NA	1.9	16.2	3.7	19.8
1970	0.1	5.2	8.5	0.2	(s)	0.2	6.1	15.1	NA	(s)	NA	NA	4.4	24.8	9.0	33.7
1975	0.1	4.3	7.9	0.2	(s)	0.2	3.8	12.1	NA	(s)	NA	NA	5.4	21.9	11.0	32.9
1980	0.1	6.9	3.6	0.2	0.0	0.3	1.1	5.2	NA	0.2	NA	NA	6.5	18.7	13.7	32.4
1985	0.1	7.8	2.9	0.4	(s)	0.2	3.5	7.0	NA	0.1	NA	NA	7.4	22.3	15.0	37.3
1990	0.1	8.3	4.7	0.4	(s)	0.2	3.8	9.0	0.0	0.3	0.0	(s)	9.2	26.9	22.4	49.3
1995	0.1	12.4	4.3	0.4	0.2	0.1	3.1	8.1	0.0	0.5	0.0	(s)	9.5	30.5	15.9	46.4
2000	(s)	13.6	3.7	0.4	0.1	0.1	2.6	6.9	0.0	0.4	0.0	(s)	11.1	32.0	17.2	49.2
2005	(s)	11.3	4.0	0.4	0.1	0.1	2.7	7.3	0.0	0.1	0.0	(s)	12.4	31.1	20.3	51.4
2006	(s)	10.1	3.5	0.3	0.1	0.1	1.6	5.5	0.0	0.1	0.0	(s)	12.3	28.1	20.6	48.7
2007	(s)	11.5	4.0	0.3	(s)	0.1	1.5	5.8	0.0	0.1	0.0	(s)	12.7	30.2	19.2	49.4
2008	0.0	11.1	3.3	0.4	(s)	0.1	1.0	4.8	0.0	0.1	0.0	(s)	12.6	28.6	17.3	45.9
2009	0.0	11.0	4.9	0.3	(s)	0.1	0.9	6.3	0.0	0.2	0.0	(s)	12.6	30.0	16.2	46.3
2010	0.0	10.7	4.0	0.3	(s)	0.1	0.4	4.8	0.0	0.2	0.0	(s)	12.6	28.3	17.4	45.7
2011	0.0	11.1	3.0	0.4	(s)	0.1	0.3	3.8	0.0	0.2	0.0	(s)	12.5	27.5	16.3	43.9
2012	0.0	10.4	2.7	0.3	(s)	(s)	0.2	3.2	0.0	0.2	0.0	(s)	12.4	26.2	17.7	44.0
2013	0.0	12.0	3.1	0.4	(s)	0.1	0.2	3.7	0.0	0.2	0.0	(s)	12.5	28.5	19.4	47.9
2014	0.0	13.6	4.9	0.4	(s)	(s)	0.2	5.6	0.0	0.2	0.0	(s)	12.5	31.9	19.0	50.8
2015	0.0	12.4	3.1	0.4	(s)	1.0	0.2	4.7	0.0	R 0.2	0.0	(s)	12.6	R 30.0	18.9	49.0
2016	0.0	11.1	2.2	0.4	(s)	1.0	0.2	3.8	0.0	0.2	0.0	0.1	12.5	27.6	18.4	R 46.0
2017	0.0	11.7	2.0	0.4	(s)	1.0	(s)	3.5	0.0	0.2	0.0	0.1	12.3	27.8	16.0	43.8
2018	0.0	13.1	2.2	0.8	(s)	1.0	0.0	4.0	0.0	0.2	0.0	0.2	12.6	30.1	16.9	47.0
2019	0.0	12.8	1.7	0.9	(s)	1.1	(s)	3.7	0.0	R 0.2	0.0	0.4	12.4	29.6	16.9	46.5
2020	0.0	11.1	1.2	0.8	(s)	1.1	(s)	3.1	0.0	R 0.3	0.0	0.8	12.1	27.4	15.5	R 42.9
2021	0.0	11.6	2.7	0.8	(s)	1.1	(s)	R 4.7	0.0	R 0.3	0.0	1.0	12.3	R 29.9	15.5	R 45.4
2022	0.0	11.5	2.7	0.7	(s)	1.1	(s)	R 4.6	0.0	R 0.3	0.0	1.3	12.8	R 30.5	16.5	R 47.1
2023	0.0	10.7	2.7	0.6	(s)	1.1	(s)	4.5	0.0	0.3	0.0	1.4	12.5	29.4	16.2	45.6

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

^b Beginning in 2013, includes biodiesel blended into distillate fuel oil.

^c Hydrocarbon gas liquids, assumed to be propane only.

^d Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014 and 2015 because of coverage. See technical notes, Section 4.

^e Includes small amounts of petroleum coke and, beginning in 2021 other petroleum products (biofuels product supplied), not shown separately.

^f Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.

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

^h Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

ⁱ Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.

^j Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

^k 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 that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by commercial utility-scale facilities.

^l 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: · Totals may not equal sum of components due to independent rounding. · The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants. · 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. <https://www.eia.gov/state/seds/>

Table CT6. Industrial sector energy consumption estimates, selected years, 1960-2023, Rhode Island

Year	Coal Thousand short tons	Natural gas ^a Billion cubic feet	Petroleum						Hydro-electric power ^{e,f} Million kWh	Biomass		Geo-thermal ^f	Solar ^{f,i} Million kWh	Electricity ^j End use ^{f,k}	Electrical system energy losses ^l	Total ^{f,k}	
			Distillate fuel oil	HGL ^b	Motor gasoline ^c	Residual fuel oil	Other ^d	Total		Wood and waste ^{f,g}	Losses and co-products ^h						
																	Thousand barrels
1960	4	3	367	31	6	4,051	1,107	5,561	1	--	--	--	NA	916	--	--	
1965	4	4	431	61	5	2,135	1,403	4,036	(s)	--	--	--	NA	1,274	--	--	
1970	2	6	672	162	3	3,246	1,301	5,384	0	--	--	--	NA	1,253	--	--	
1975	2	6	440	297	3	1,916	1,514	4,170	0	--	--	--	NA	1,191	--	--	
1980	4	5	415	149	2	654	1,279	2,499	0	--	--	--	NA	1,399	--	--	
1985	4	5	275	150	26	973	3,047	4,472	0	--	--	--	NA	1,300	--	--	
1990	(s)	4	279	156	35	453	1,770	2,692	0	--	--	--	(s)	1,354	--	--	
1995	0	35	280	119	54	372	1,072	1,898	0	--	--	--	(s)	1,374	--	--	
2000	0	8	165	118	33	257	308	881	0	--	--	--	(s)	1,394	--	--	
2005	0	6	204	140	105	291	426	1,166	0	--	--	--	(s)	1,250	--	--	
2006	0	6	216	157	115	217	400	1,105	0	--	--	--	(s)	1,191	--	--	
2007	0	7	164	117	154	175	97	706	0	--	--	--	(s)	1,171	--	--	
2008	0	7	96	85	156	77	1,356	1,770	0	--	--	--	(s)	1,075	--	--	
2009	0	8	162	85	148	229	880	1,504	0	--	--	--	(s)	990	--	--	
2010	0	8	149	82	113	87	R 1,017	R 1,448	0	--	--	--	(s)	961	--	--	
2011	0	7	124	88	110	94	R 767	R 1,184	0	--	--	--	(s)	916	--	--	
2012	0	8	102	111	116	24	R 853	R 1,205	0	--	--	--	(s)	923	--	--	
2013	0	8	86	137	121	5	R 1,098	R 1,448	0	--	--	--	(s)	923	--	--	
2014	0	8	115	142	118	10	R 1,110	R 1,495	0	--	--	--	(s)	887	--	--	
2015	0	9	95	138	119	17	R 1,057	R 1,425	0	--	--	--	0	799	--	--	
2016	0	8	117	136	120	38	R 898	R 1,308	0	--	--	--	0	764	--	--	
2017	0	9	163	174	122	14	987	1,459	0	--	--	--	0	726	--	--	
2018	0	9	192	87	124	2	947	1,352	0	--	--	--	0	735	--	--	
2019	0	9	183	26	124	2	854	1,189	0	--	--	--	0	695	--	--	
2020	0	8	196	23	124	1	981	1,326	0	--	--	--	(s)	635	--	--	
2021	0	8	148	27	125	6	R 992	R 1,298	0	--	--	--	1	644	--	--	
2022	0	8	150	48	129	6	R 951	R 1,284	0	--	--	--	3	639	--	--	
2023	0	8	146	30	130	5	801	1,112	0	--	--	--	7	629	--	--	
Trillion Btu																	
1960	0.1	3.0	2.1	0.1	(s)	25.5	7.1	34.8	(s)	1.8	NA	NA	NA	3.1	42.8	6.3	49.1
1965	0.1	4.4	2.5	0.2	(s)	13.4	8.9	25.1	(s)	2.6	NA	NA	NA	4.3	36.5	8.5	45.1
1970	(s)	5.9	3.9	0.6	(s)	20.4	8.3	33.2	0.0	4.0	NA	NA	NA	4.3	47.5	8.8	56.2
1975	0.1	5.9	2.6	1.0	(s)	12.0	9.9	25.5	0.0	2.7	NA	NA	NA	4.1	38.3	8.3	46.6
1980	0.1	5.2	2.4	0.5	(s)	4.1	8.3	15.3	0.0	0.0	NA	NA	NA	4.8	25.4	10.2	35.5
1985	0.1	4.8	1.6	0.5	0.1	6.1	20.2	28.5	0.0	0.0	0.0	NA	NA	4.4	37.8	9.0	46.8
1990	(s)	4.5	1.6	0.5	0.2	2.8	11.6	16.8	0.0	0.0	0.0	0.0	(s)	4.6	25.9	11.3	37.2
1995	0.0	36.0	1.6	0.4	0.3	2.3	7.1	11.7	0.0	0.2	0.0	(s)	4.7	52.6	7.8	60.4	
2000	0.0	8.4	1.0	0.4	0.2	1.6	2.0	5.1	0.0	0.2	0.0	0.0	(s)	4.8	18.5	7.4	25.9
2005	0.0	6.0	1.2	0.5	0.5	1.8	2.7	6.8	0.0	0.1	0.0	0.0	(s)	4.3	17.1	7.0	24.1
2006	0.0	6.5	1.3	0.5	0.6	1.4	2.6	6.3	0.0	0.1	0.0	0.0	(s)	4.1	17.0	6.8	23.8
2007	0.0	6.9	0.9	0.4	0.8	1.1	0.6	3.8	0.0	0.1	0.0	0.0	(s)	4.0	14.7	6.1	20.8
2008	0.0	6.9	0.6	0.3	0.8	0.5	8.9	11.0	0.0	0.1	(s)	0.0	(s)	3.7	21.7	5.0	26.7
2009	0.0	7.9	0.9	0.3	0.8	1.4	5.8	9.2	0.0	0.1	(s)	0.0	(s)	3.4	20.5	4.3	24.9
2010	0.0	8.2	0.9	0.3	0.6	0.5	R 6.7	R 9.0	0.0	0.1	(s)	0.0	(s)	3.3	R 20.6	4.5	R 25.1
2011	0.0	7.6	0.7	0.3	0.6	0.6	5.0	7.2	0.0	0.1	(s)	0.0	(s)	3.1	R 18.1	4.1	R 22.2
2012	0.0	8.1	0.6	0.4	0.6	0.1	R 5.6	R 7.4	0.0	0.1	(s)	0.0	(s)	3.2	R 18.7	4.5	R 23.2
2013	0.0	8.4	0.5	0.5	0.6	(s)	R 7.2	R 8.9	0.0	0.1	(s)	0.0	(s)	3.1	R 20.6	4.9	R 25.5
2014	0.0	8.2	0.7	0.5	0.6	0.1	R 7.3	R 9.2	0.0	0.1	(s)	0.0	(s)	3.0	R 20.6	4.6	R 25.2
2015	0.0	8.9	0.5	0.5	0.6	0.1	6.9	8.7	0.0	0.1	(s)	0.0	0.0	2.7	20.4	4.1	R 24.5
2016	0.0	8.7	0.7	0.5	0.6	0.2	R 5.9	R 7.9	0.0	0.1	(s)	0.0	0.0	2.6	R 19.4	3.9	R 23.3
2017	0.0	8.8	0.9	0.7	0.6	0.1	6.4	8.7	0.0	0.1	(s)	0.0	0.0	2.5	20.1	3.2	23.3
2018	0.0	9.1	1.1	0.3	0.6	(s)	6.1	8.2	0.0	0.2	(s)	0.0	0.0	2.5	20.0	3.4	23.3
2019	0.0	9.1	1.1	0.1	0.6	(s)	5.5	7.3	0.0	0.2	(s)	0.0	0.0	2.4	18.9	3.2	22.2
2020	0.0	8.6	1.1	0.1	0.6	(s)	6.4	8.2	0.0	0.2	(s)	0.0	(s)	2.2	19.2	2.8	21.9
2021	0.0	8.7	0.9	0.1	0.6	(s)	R 6.4	8.1	0.0	0.2	(s)	0.0	(s)	2.2	R 19.1	2.8	21.9
2022	0.0	8.6	0.9	0.2	0.7	(s)	R 6.2	R 8.0	0.0	R 0.2	(s)	0.0	(s)	2.2	R 19.0	2.8	R 21.8
2023	0.0	8.4	0.8	0.1	0.7	(s)	5.2	6.9	0.0	0.2	0.0	0.0	(s)	2.1	17.6	2.8	20.4

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

^b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

^c Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014 and 2015 because of coverage. See technical notes, Section 4.

^d Includes asphalt and road oil, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See technical notes, Section 4.

^e Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.

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

^g Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

^h Losses and co-products from the production of biodiesel and fuel ethanol.

ⁱ Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.

^j Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

^k 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 that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by industrial utility-scale facilities.

^l 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.

kWh = Kilowatthours. -- = 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: · Totals may not equal sum of components due to independent rounding. · The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants. · The continuity of these data series estimates may be affected by the 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. <https://www.eia.gov/state/seds/>

R H O D E I S L A N D Table CT7. Transportation sector energy consumption estimates, selected years, 1960-2023, Rhode Island

Year	Coal	Natural gas ^a	Petroleum								Electricity ^g	End use ^{h,i}	Electrical system energy losses ^j	Total ^{f,h,i}
			Aviation gasoline	Distillate fuel oil ^b	HGL ^c	Jet fuel ^d	Lubricants	Motor gasoline ^e	Residual fuel oil	Total ^f				
	Thousand short tons	Billion cubic feet	Thousand barrels								Million kilowatthours			
1960	(s)	(s)	19	838	1	38	103	5,943	3,826	10,768	0	--	--	--
1965	(s)	(s)	63	393	4	49	69	6,455	2,637	9,669	0	--	--	--
1970	(s)	(s)	148	604	28	137	77	7,970	2,519	11,482	0	--	--	--
1975	(s)	(s)	285	788	27	271	57	8,929	329	10,685	0	--	--	--
1980	0	(s)	269	675	9	348	70	8,365	58	9,794	0	--	--	--
1985	0	(s)	30	334	22	498	64	8,606	0	9,554	0	--	--	--
1990	0	(s)	42	1,154	19	776	72	8,692	34	10,789	0	--	--	--
1995	0	1	22	1,328	8	500	68	8,864	2	10,792	0	--	--	--
2000	0	(s)	13	1,364	2	1,283	73	9,425	5	12,165	0	--	--	--
2005	0	1	12	1,527	6	825	62	9,100	0	11,531	0	--	--	--
2006	0	1	22	1,609	5	593	60	9,729	4	12,022	0	--	--	--
2007	0	1	22	1,930	7	335	62	9,565	2	11,919	0	--	--	--
2008	0	1	11	1,474	7	300	57	9,561	3	11,412	0	--	--	--
2009	0	1	7	1,507	6	694	52	9,288	169	11,723	0	--	--	--
2010	0	2	5	1,631	1	621	56	9,255	81	11,652	27	--	--	--
2011	0	1	5	1,652	1	675	52	8,717	41	11,143	27	--	--	--
2012	0	1	5	1,518	1	607	46	8,441	1	10,619	24	--	--	--
2013	0	1	4	1,545	1	584	49	8,498	6	10,686	26	--	--	--
2014	0	3	9	1,841	2	524	53	8,614	3	11,047	28	--	--	--
2015	0	3	9	1,646	2	561	56	8,712	(s)	10,987	26	--	--	--
2016	0	3	9	1,251	3	525	48	8,577	2	10,415	27	--	--	--
2017	0	3	9	1,425	(s)	492	46	8,549	11	10,533	28	--	--	--
2018	0	2	8	1,595	12	439	46	8,929	2	11,031	27	--	--	--
2019	0	2	8	1,656	10	402	44	8,765	7	10,892	27	--	--	--
2020	0	2	6	1,589	(s)	R 304	38	7,276	0	9,213	18	--	--	--
2021	0	2	8	1,782	(s)	266	42	7,929	7	10,060	18	--	--	--
2022	0	3	8	R 1,839	(s)	370	45	8,092	7	R 10,388	23	--	--	--
2023	0	3	8	1,797	(s)	380	33	8,139	6	10,400	26	--	--	--
Trillion Btu														
1960	(s)	0.2	0.1	4.9	(s)	0.2	0.6	31.2	24.1	61.1	0.0	61.3	0.0	61.3
1965	(s)	0.1	0.3	2.3	(s)	0.3	0.4	33.9	16.6	53.8	0.0	53.9	0.0	53.9
1970	(s)	(s)	0.7	3.5	0.1	0.8	0.5	41.9	15.8	63.3	0.0	63.3	0.0	63.3
1975	(s)	(s)	1.4	4.6	0.1	1.5	0.3	46.9	2.1	57.0	0.0	57.0	0.0	57.0
1980	0.0	0.2	1.4	3.9	(s)	2.0	0.4	43.9	0.4	52.0	0.0	52.2	0.0	52.2
1985	0.0	0.1	0.2	1.9	0.1	2.8	0.4	45.2	0.0	50.6	0.0	50.7	0.0	50.7
1990	0.0	0.1	0.2	4.4	0.1	4.4	0.4	45.7	0.2	57.7	0.0	57.8	0.0	57.8
1995	0.0	0.6	0.1	7.7	(s)	2.8	0.4	46.1	(s)	57.3	0.0	57.9	0.0	57.9
2000	0.0	0.3	0.1	7.9	(s)	7.3	0.4	49.0	(s)	64.8	0.0	65.1	0.0	65.1
2005	0.0	0.8	0.1	8.9	(s)	4.7	0.4	47.2	0.0	61.3	0.0	62.1	0.0	62.1
2006	0.0	1.0	0.1	9.3	(s)	3.4	0.4	50.4	(s)	63.7	0.0	64.7	0.0	64.7
2007	0.0	1.0	0.1	11.2	(s)	1.9	0.4	49.2	(s)	62.8	0.0	63.8	0.0	63.8
2008	0.0	1.0	0.1	8.5	(s)	1.7	0.3	48.8	(s)	59.5	0.0	60.5	0.0	60.5
2009	0.0	1.0	(s)	8.7	(s)	3.9	0.3	47.3	1.1	R 61.3	0.0	62.4	0.0	62.4
2010	0.0	1.6	(s)	9.4	(s)	3.5	0.3	46.9	0.5	60.7	0.1	62.4	0.1	62.5
2011	0.0	1.1	(s)	9.5	(s)	3.8	0.3	44.1	0.3	58.1	0.1	59.3	0.1	59.4
2012	0.0	1.1	(s)	8.8	(s)	3.4	0.3	42.7	(s)	55.2	0.1	56.5	0.1	56.6
2013	0.0	1.2	(s)	8.9	(s)	3.3	0.3	43.0	(s)	55.6	0.1	R 56.8	0.1	57.0
2014	0.0	3.2	(s)	10.6	(s)	3.0	0.3	43.6	(s)	57.6	0.1	60.8	0.1	61.0
2015	0.0	3.3	(s)	9.5	(s)	3.2	0.3	44.1	(s)	57.1	0.1	60.5	0.1	60.6
2016	0.0	2.7	(s)	7.2	(s)	3.0	0.3	43.4	(s)	53.9	0.1	56.7	0.1	56.9
2017	0.0	3.0	(s)	8.2	(s)	2.8	0.3	43.2	0.1	54.6	0.1	57.7	0.1	57.8
2018	0.0	2.5	(s)	9.2	(s)	2.5	0.3	45.1	(s)	57.2	0.1	59.8	0.1	59.9
2019	0.0	2.6	(s)	9.5	(s)	2.3	0.2	44.3	(s)	56.5	0.1	59.1	0.1	59.3
2020	0.0	2.3	(s)	9.1	(s)	1.7	0.3	36.8	0.0	47.9	0.1	50.3	0.1	50.4
2021	0.0	2.4	(s)	10.3	(s)	1.5	0.3	40.0	(s)	52.3	0.1	54.7	0.1	54.8
2022	0.0	3.2	(s)	R 10.6	(s)	2.1	0.3	40.9	(s)	R 54.1	0.1	R 57.3	0.1	R 57.4
2023	0.0	3.2	(s)	10.4	(s)	2.2	0.2	41.1	(s)	54.1	0.1	57.4	0.1	57.5

^a Transportation use of natural gas to operate pipelines and, since 1990, also includes vehicle fuel.
^b Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil.
^c Hydrocarbon gas liquids, assumed to be propane only.
^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 "Industrial sector, Other petroleum." There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes, see technical notes.
^e Beginning in 1993, includes fuel ethanol blended into motor gasoline.
^f Beginning in 2021, includes other petroleum products (biofuels product supplied) not shown separately.
^g Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers. Sales to public railroads and railway systems only. Excludes electric vehicles.
^h There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.

ⁱ For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.
^j 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.
 Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.
 Notes: · Totals may not equal sum of components due to independent rounding. · The continuity of these data series estimates may be affected by the 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.
<https://www.eia.gov/state/seds/>

Table CT8. Electric power sector consumption estimates, selected years, 1960-2023, Rhode Island

Year	Coal	Natural gas ^a	Petroleum				Nuclear electric power	Hydroelectric power ^d	Biomass	Geothermal ^f	Solar ^{f,g}	Wind ^f	Electricity net imports ^h	Total ^{f,i}
			Distillate fuel oil ^b	Petroleum coke	Residual fuel oil ^c	Total			Wood and waste ^{e,f}					
	Thousand short tons	Billion cubic feet	Thousand barrels				Million kilowatthours		Million kilowatthours					
1960	574	(s)	13	0	714	727	0	8	--	0	NA	NA	0	--
1965	403	(s)	16	0	870	886	0	1	--	0	NA	NA	0	--
1970	0	2	56	0	2,990	3,047	0	3	--	0	NA	NA	0	--
1975	0	(s)	26	0	1,542	1,568	0	3	--	0	NA	NA	0	--
1980	0	2	28	0	1,634	1,662	0	1	--	0	NA	NA	0	--
1985	0	3	20	0	708	728	0	0	--	0	0	0	421	--
1990	0	9	19	0	340	358	0	10	--	0	0	0	37	--
1995	0	36	24	0	63	87	0	9	--	0	0	0	1,276	--
2000	0	48	39	0	0	39	0	5	--	0	0	0	1,585	--
2005	0	44	27	0	0	27	0	7	--	0	0	0	354	--
2006	0	43	25	0	0	25	0	6	--	0	0	0	320	--
2007	0	51	35	0	0	35	0	4	--	0	0	0	415	--
2008	0	53	38	0	0	38	0	5	--	0	0	0	602	--
2009	0	55	23	0	0	23	0	5	--	0	0	0	736	--
2010	0	57	23	0	0	23	0	4	--	0	0	3	457	--
2011	0	64	23	0	0	23	0	7	--	0	0	3	607	--
2012	0	61	29	0	0	29	0	4	--	0	0	1	0	--
2013	0	46	61	0	0	61	0	4	--	0	2	3	152	--
2014	0	45	104	0	0	104	0	4	--	0	10	2	175	--
2015	0	50	143	0	0	143	0	3	--	0	14	3	163	--
2016	0	47	43	0	0	43	0	2	--	0	15	20	142	--
2017	0	51	79	0	0	79	0	2	--	0	14	142	196	--
2018	0	57	113	0	0	113	0	4	--	0	29	151	139	--
2019	0	52	13	0	0	13	0	4	--	0	55	199	0	--
2020	0	58	5	0	0	5	0	4	--	0	195	207	0	--
2021	0	62	16	0	0	16	0	4	--	0	284	165	0	--
2022	0	50	96	0	0	96	0	7	--	0	362	202	0	--
2023	0	71	43	0	0	43	0	8	--	0	423	163	0	--
Trillion Btu														
1960	16.1	0.4	0.1	0.0	4.5	4.6	0.0	(s)	0.0	0.0	NA	NA	0.0	21.1
1965	11.1	0.5	0.1	0.0	5.5	5.6	0.0	(s)	0.0	0.0	NA	NA	0.0	17.1
1970	0.0	2.4	0.3	0.0	18.8	19.1	0.0	(s)	0.0	0.0	NA	NA	0.0	21.5
1975	0.0	(s)	0.2	0.0	9.7	9.8	0.0	(s)	0.0	0.0	NA	NA	0.0	9.9
1980	0.0	1.7	0.2	0.0	10.3	10.4	0.0	(s)	0.0	0.0	NA	NA	0.0	12.1
1985	0.0	2.6	0.1	0.0	4.4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	1.4	8.6
1990	0.0	9.3	0.1	0.0	2.1	2.2	0.0	(s)	1.0	0.0	0.0	0.0	0.1	12.7
1995	0.0	36.6	0.1	0.0	0.4	0.5	0.0	(s)	1.0	0.0	0.0	0.0	4.4	42.5
2000	0.0	49.9	0.2	0.0	0.0	0.2	0.0	(s)	1.4	0.0	0.0	0.0	5.4	57.0
2005	0.0	44.8	0.2	0.0	0.0	0.2	0.0	(s)	0.0	0.0	0.0	0.0	1.2	46.2
2006	0.0	43.8	0.1	0.0	0.0	0.1	0.0	(s)	1.8	0.0	0.0	0.0	1.1	46.8
2007	0.0	52.7	0.2	0.0	0.0	0.2	0.0	(s)	1.9	0.0	0.0	0.0	1.4	56.3
2008	0.0	54.1	0.2	0.0	0.0	0.2	0.0	(s)	2.0	0.0	0.0	0.0	2.1	58.4
2009	0.0	56.6	0.1	0.0	0.0	0.1	0.0	(s)	1.8	0.0	0.0	0.0	2.5	61.0
2010	0.0	57.9	0.1	0.0	0.0	0.1	0.0	(s)	1.8	0.0	0.0	(s)	1.6	61.4
2011	0.0	65.3	0.1	0.0	0.0	0.1	0.0	(s)	1.6	0.0	0.0	(s)	2.1	69.1
2012	0.0	62.5	0.2	0.0	0.0	0.2	0.0	(s)	1.2	0.0	0.0	(s)	0.0	63.8
2013	0.0	47.9	0.3	0.0	0.0	0.3	0.0	(s)	0.5	0.0	(s)	(s)	0.5	49.2
2014	0.0	46.1	0.6	0.0	0.0	0.6	0.0	(s)	2.0	0.0	(s)	(s)	0.6	49.4
2015	0.0	51.4	0.8	0.0	0.0	0.8	0.0	(s)	2.1	0.0	(s)	(s)	0.6	54.9
2016	0.0	48.2	0.2	0.0	0.0	0.2	0.0	(s)	2.0	0.0	0.1	0.1	0.5	51.1
2017	0.0	52.2	0.5	0.0	0.0	0.5	0.0	(s)	1.9	0.0	(s)	0.5	0.7	55.8
2018	0.0	58.9	0.7	0.0	0.0	0.7	0.0	(s)	2.0	0.0	0.1	0.5	0.5	62.7
2019	0.0	53.0	0.1	0.0	0.0	0.1	0.0	(s)	2.0	0.0	0.2	0.7	0.0	56.0
2020	0.0	60.1	(s)	0.0	0.0	(s)	0.0	(s)	2.8	0.0	0.7	0.7	0.0	64.3
2021	0.0	63.7	0.1	0.0	0.0	0.1	0.0	(s)	2.1	0.0	1.0	0.6	0.0	67.4
2022	0.0	51.7	0.6	0.0	0.0	0.6	0.0	(s)	2.1	0.0	1.2	0.7	0.0	56.4
2023	0.0	72.5	0.2	0.0	0.0	0.2	0.0	(s)	2.4	0.0	1.4	0.6	0.0	77.2

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

^b Excludes biodiesel. Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.

^c Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4, 5, and 6.

^d Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

^e Wood, wood-derived fuels, and biomass waste. Beginning in 2006, includes small amount of other biomass liquids that are biodiesel. Prior to 2001, includes non-biomass waste.

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

^g Solar thermal and photovoltaic energy.

^h Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

ⁱ 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 the total.

--- = Not applicable. NA = Not available.

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

Notes: - Totals may not equal sum of components due to independent rounding. - The electric power sector consists of electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. - Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. - The continuity of these data series estimates may be affected by the 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. <https://www.eia.gov/state/seds/>