

**Table CT7. Transportation sector energy consumption estimates, selected years, 1960-2022, Virginia**

Year	Coal Thousand short tons	Natural gas <sup>a</sup> Billion cubic feet	Petroleum								Electricity <sup>f</sup> Million kilowatthours	End use <sup>g,h</sup>	Electrical system energy losses <sup>i</sup>	Total <sup>g,h</sup>
			Aviation gasoline	Distillate fuel oil <sup>b</sup>	HGL <sup>c</sup>	Jet fuel <sup>d</sup>	Lubricants	Motor gasoline <sup>e</sup>	Residual fuel oil	Total				
			Thousand barrels											
1960	77	4	382	4,099	7	4,441	451	29,972	11,780	51,134	0	--	--	--
1965	19	7	721	6,564	24	6,504	428	34,992	9,645	58,877	0	--	--	--
1970	7	8	356	7,698	47	11,093	430	47,821	12,000	79,446	0	--	--	--
1975	(s)	3	251	8,217	57	11,602	427	58,524	6,356	85,436	0	--	--	--
1980	0	8	218	11,219	47	12,279	530	58,386	4,419	87,098	32	--	--	--
1985	0	4	131	14,305	102	11,038	482	61,837	3,419	91,313	60	--	--	--
1990	0	7	70	16,749	63	15,806	542	69,150	3,316	105,696	86	--	--	--
1995	0	6	85	18,418	64	10,589	518	77,978	1,923	109,575	86	--	--	--
2000	0	8	97	24,840	35	9,943	553	84,937	4,225	124,630	96	--	--	--
2005	0	5	223	28,426	67	18,845	466	93,557	1,930	143,515	163	--	--	--
2006	0	6	61	31,389	72	18,809	454	95,243	1,695	147,724	163	--	--	--
2007	0	7	197	29,916	63	19,024	469	97,824	1,327	148,820	193	--	--	--
2008	0	9	180	26,100	129	16,520	436	94,542	991	138,898	194	--	--	--
2009	0	9	214	25,018	83	15,693	392	93,355	598	135,353	193	--	--	--
2010	0	10	93	25,563	30	19,868	686	95,362	809	142,411	189	--	--	--
2011	0	14	88	25,427	30	19,300	632	89,347	1,091	135,914	188	--	--	--
2012	0	10	83	25,714	32	18,917	603	91,588	1,069	138,005	188	--	--	--
2013	0	9	73	25,741	37	19,690	623	91,714	653	138,530	195	--	--	--
2014	0	8	97	26,299	27	21,912	647	93,779	537	143,296	202	--	--	--
2015	0	8	64	25,746	33	22,948	688	92,483	257	142,219	196	--	--	--
2016	0	9	71	25,459	41	26,009	R 653	93,860	461	R 146,552	183	--	--	--
2017	0	10	69	25,301	39	26,633	R 600	94,359	785	R 147,786	178	--	--	--
2018	0	11	81	28,280	46	26,696	R 589	94,406	258	R 150,356	199	--	--	--
2019	0	14	86	30,039	42	27,227	R 581	93,652	213	R 151,840	190	--	--	--
2020	0	11	69	28,517	27	15,605	R 523	83,368	368	R 128,477	164	--	--	--
2021	0	14	78	R 27,671	33	17,241	R 541	90,826	419	R 137,002	175	--	--	--
2022	0	15	81	26,135	52	21,617	542	86,535	429	135,549	130	--	--	--

**Trillion Btu**

1960	2.0	4.1	1.9	23.9	(s)	24.0	2.7	157.4	74.1	284.1	0.0	290.2	0.0	290.2
1965	0.5	7.0	3.6	38.2	0.1	35.8	2.6	183.8	60.6	324.8	0.0	332.2	0.0	332.2
1970	0.2	8.0	1.8	44.8	0.2	61.9	2.6	251.2	75.4	438.0	0.0	446.1	0.0	446.1
1975	(s)	3.1	1.3	47.9	0.2	64.9	2.6	307.4	40.0	464.3	0.0	467.4	0.0	467.4
1980	0.0	8.4	1.1	65.3	0.2	68.8	3.2	306.7	27.8	473.1	0.1	481.6	R 0.2	481.8
1985	0.0	4.6	0.7	83.3	0.4	61.7	2.9	324.8	21.5	495.3	0.2	502.3	R 0.4	R 502.7
1990	0.0	7.2	0.4	97.6	0.2	88.5	3.3	363.2	20.8	574.1	0.3	582.9	0.7	583.6
1995	0.0	6.6	0.4	107.2	0.2	60.0	3.1	405.8	12.1	588.9	0.3	595.8	0.7	596.5
2000	0.0	8.5	0.5	144.5	0.1	56.4	3.4	441.8	26.6	673.2	0.3	682.0	0.8	682.8
2005	0.0	5.3	1.1	165.4	0.3	106.9	2.8	485.7	12.1	774.3	0.6	780.3	1.3	781.6
2006	0.0	5.8	0.3	182.1	0.3	106.6	2.8	493.8	10.7	796.6	0.6	803.1	1.3	804.4
2007	0.0	7.3	1.0	173.0	0.2	107.9	2.8	503.0	8.3	796.3	0.7	804.5	1.5	R 806.0
2008	0.0	8.9	0.9	150.9	0.5	93.7	2.6	482.7	6.2	737.5	0.7	747.3	R 1.5	R 748.8
2009	0.0	9.3	1.1	144.5	0.3	89.0	2.4	475.2	3.8	716.2	0.7	726.2	R 1.4	R 727.6
2010	0.0	10.5	0.5	147.6	0.1	112.7	4.2	483.2	5.1	753.3	0.6	764.4	R 1.4	R 765.9
2011	0.0	14.6	0.4	146.7	0.1	109.4	3.8	452.4	6.9	719.8	0.6	735.0	R 1.3	R 736.3
2012	0.0	10.0	0.4	148.3	0.1	107.3	3.7	463.6	6.7	730.1	0.6	740.8	R 1.3	R 742.1
2013	0.0	9.0	0.4	148.3	0.1	111.6	3.8	464.1	4.1	732.4	0.7	742.1	1.4	R 743.5
2014	0.0	8.0	0.5	151.6	0.1	124.2	3.9	474.4	3.4	758.1	0.7	766.8	R 1.4	R 768.2
2015	0.0	8.6	0.3	148.3	0.1	130.1	4.2	467.7	1.6	752.4	0.7	761.7	R 1.3	R 763.0
2016	0.0	9.2	0.4	146.6	0.2	147.5	R 4.0	474.5	2.9	775.9	0.6	785.7	1.2	R 786.9
2017	0.0	10.1	0.3	145.7	0.1	151.0	3.6	476.8	4.9	782.5	0.6	793.2	R 1.1	R 794.3
2018	0.0	11.2	0.4	162.9	0.2	151.4	3.6	477.1	1.6	797.1	0.7	809.0	R 1.2	R 810.2
2019	0.0	14.7	0.4	173.0	0.2	154.4	3.5	473.1	1.3	R 806.0	0.6	821.3	R 1.1	822.4
2020	0.0	11.6	0.3	164.1	0.1	88.5	3.2	421.2	2.3	679.7	0.6	R 691.9	R 0.9	692.8
2021	0.0	14.6	0.4	R 159.5	0.1	97.8	R 3.3	458.7	2.6	R 723.4	0.6	R 738.5	R 1.0	R 739.5
2022	0.0	15.4	0.4	150.7	0.2	122.6	3.3	436.9	2.7	717.6	0.4	733.5	0.7	734.2

<sup>a</sup> Transportation use of natural gas to operate pipelines and, since 1990, also includes vehicle fuel.

<sup>b</sup> Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil.

<sup>c</sup> Hydrocarbon gas liquids, assumed to be propane only.

<sup>d</sup> 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.

<sup>e</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.

<sup>f</sup> 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.

<sup>g</sup> There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.

<sup>h</sup> For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

<sup>i</sup> 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. <http://www.eia.gov/state/seds/>