			Petroleum				Biomass							-
	Coal ^a	Natural gas ^b	Distillate fuel oil	HGL °	Kerosene	Total				Electricity ^g		Electrical		F
Year	Thousand short tons	Billion cubic feet		Thousan	d barrels		Wood ^d	Geothermal ^e	Solar ^{e,f}	Million kilowatthours	End use ^{e,h}	system energy losses ⁱ	Total ^{e,h}	(
1960	766	27	6 520	608	4 655	11 783				4 099				
1960 1965 1970	766 454 264	27 36 50 49 55 49 51 69	6,520 7,471 9,734	608 9399 1,185 1,293 1,247 1,495 1,759 2,380 2,899 3,195 2,551 2,551 2,914 3,098 3,511 3,455 3,289 2,642 3,161 3,054 3,201 2,735 2,565	4,655 4,847 4,544 2,056 1,403 3,611 1,160 1,220 1,642 1,426 1,426 1,426 1,139 740 307 286 332 155 71	11,783 13,257 15,462 12,440 10,030 10,844				$\begin{array}{c} 4,099\\ 6,557\\ 11,546\\ 15,871\\ 19,731\\ 22,568\\ 28,130\\ 33,472\\ 37,541\\ 44,662\\ 42,906\\ 45,481\\ 44,662\\ 42,906\\ 45,481\\ 44,597\\ 44,763\\ 48,439\\ 45,771\\ 43,535\\ 45,716\\ 43,535\\ 45,416\\ 46,444\\ 45,928\\ 45,916\\ 43,982\\ 47,963\\ 46,666\end{array}$				_
1970	264	50	9,734	1,185	4,544	15,462				11,546				11
1975 1980 1985	97	49	9,091 7,380 5,738	1,293	2,056	12,440				15,871				
1980	41 60	55	7,380	1,247	1,403	10,030				19,731				
1900	60 47	49	5,736	1,495	1 160	8 988				22,000				
1990 1995	47 37	69	6,069 5,162	2,380	1,220	8,988 8,762				33.472				
2000 2005 2006	9	80 85 72	5,679 5,390 4,524	2,899	1,642	8,702 10,219 10,010 8,214 8,012 7,398 6,827 7,001 6,266 4,225				37,541				- /
2005	10	85	5,390	3,195	1,426	10,010				44,662				
2006	2	/2	4,524	2,551	1,139	8,214				42,906				
2007 2008	0	81 80 84 88 79 70 86 93 85 77	4,358 3,993	2,914	307	7,398				40,401				
2009	ŏ	84	3.030	3.511	286	6.827				44,763				
2009 2010 2011	0	88	3,030 3,215 2,822	3,455	332	7,001				48,439				
2011	0	79	2,822	3,289	155	6,266				45,771				
2012 2013	0	/0	2,095 2,355	2,642	/1 79	4,807				43,535				
2013	0	93	2,355	3,161	123	6,200 4,807 5,594 5,514 5,534 4,560 4,177 5,192 5,025 5,110				45,416				
2014 2015 2016	ŏ	85	2,437 2,249 1,712	3.201	123 85 113	5.534				45.928				
2016	0	77	1,712	2,735	113	4,560				45,186				
2017	0	77	1.548	2,565	64	4,177				43,982				
2018 2019	0	89	1,967 1,638	3,156 3,313	68 74	5,192				47,963				
2013	0	75	1,593	3 434	83	5 110				46,000				
2021	ŏ	89 82 75 81	1,593 R 2,095 2,155	3,434 3,056 3,007	83 76	5,110 R 5,227 5,231				46,089 46,634 46,718				
2022	0	84	2,155	3,007	69	5,231				46,718				
Trillion Btu														_
1960	19.0	27.9	38.0	2.3 3.6 4.6 5.0	26.4	66.7	30.0	NA	NA	14.0 22.4 39.4 54.2 67.3 77.0 96.0 114.2	157.5	R 28.2	^R 185.7	
1960 1965 1970	11.2 6.3 2.3	27.9 37.4 50.8 49.7 55.6 50.7 53.6 70.8	38.0 43.5 56.7	3.6	26.4 27.5 25.8	74.6	30.0 22.2 17.6	NA NA NA	NA NA NA	22.4	157.5 167.8 201.2	R 44.0	R 211.8	
1970	6.3	50.8	56.7	4.6	25.8	87.0	17.6	NA	NA	39.4	201.2	H 80.7	H 281.9	
1975 1980	2.3	49.7	53.0 43.0	5.0 4.8	11.7 8.0	69.6 55.7	18.5 20.5 25.2 10.4 15.6	NA NA	NA NA	54.2	201.2 194.2 200.2 213.8 210.1 247.8 276.6 309.1 277.4	H 110.6	H 304.8 B 343.4	
1985	1.0	50.7	33.4	5.7	20.5	59.6	20.3	NA	NA	77.0	213.8	R 156.5	R 370 3	
1985 1990	1.2	53.6	33.4 35.4 30.0	5.7 6.8	20.5 6.6	48.7	10.4	0.1	NA 0.1 0.1	96.0	210.1	R 219.7	R 429.8	
1995	0.9	70.8	30.0	9.1	6.9	46.1	15.6	0.1	0.1	114.2	247.8	R 267.7	R 515.5	
2000 2005	1.5 1.2 0.9 0.2 0.2 0.1 0.2 0.1 0.2 0.0	82.5 89.0 74.2 84.0 82.7	33.0	11.1 12.3	9.3	53.5	12.1 15.2 13.5 14.9	0.2	0.1 0.3	14.2 128.1 152.4 146.4 155.2 152.2 152.7 165.3	276.6	H 303.7	H 580.3	
2005	0.2	89.0	31.4 26.3 25.2 23.1	12.3	8.1	51.7	15.2	0.3 0.4 0.5 0.6	0.3	152.4	309.1	B 222 0	B 611 2	
2006 2007 2008	0.2	84.0	25.2	9.8 11.2	6.5 4.2	40.6	14.9	0.4	0.3 0.4 R 0.4	155.2	295.7	R 352.3	R 648.0	
2008	0.0	82.7	23.1	11.9	1.7	36.7	16.7	0.6	R 0.4	152.2	295.7 R 289.2 290.0 R 307.9	R 344.6	R 633.9	
2009 2010	0.0 0.0	87.4 90.4	17.5 18.6	13.5 13.3	1.6	32.6	16.2 17.3	0.7 0.8	0.5 0.5	152.7	_ 290.0	R 335.0	R 625.0	
2010	0.0	90.4	18.6	13.3	1.9	33.7	17.3	0.8	0.5	165.3	H 307.9	H 361.0	H 669.0	
2011	0.0 0.0 0.0	81.4	16.3 12.1 13.6	12.6 10.1 12.1	0.9 0.4	29.8	16.8 14.0	0.8 0.8 0.8	0.5	156.2	285.4 B 250.4	B 202 7	B 562 1	
2012 2013	0.0	88.9	13.6	12.1	0.4	22.0	18.3	0.8	R 0.5	140.0	R 289.6	R 320 0	R 609 6	
2014	0.0	97.4	14.0	117	0.7	26.5	18.5	0.8	0.6	158.5	R 302.2	R 324.7	R 626.9	
2015	0.0 0.0 0.0 0.0 0.0 0.0	81.4 72.9 88.9 97.4 89.6 81.1 81.1 94.2 86.5	13.0	12.3 10.5 9.9	0.5	25.7	18.5 R 14.3 R 12.8	0.8	B 0.6	156.2 148.5 155.0 158.5 156.7 154.2 150.1 163.6 159.2	R 287.6	R 309.9	R 597.5	
2016	0.0	81.1	9.9	10.5	0.6	21.0	^H 12.8	0.8	H 0.6	154.2	H 270.4	H 295.0	^H 565.4	
2017 2018	0.0	81.1	8.9	9.9	0.4	19.1	10.9	0.8	ⁿ 0.7	150.1	ⁿ 262.8	P 275.7	D 538.4	
2018 2019	0.0	94.2	11.3 9.4	12.1 12.7	0.4 0.4	23.8	13.8	0.8 0.8	R 0 0	103.0	R 282 2	R 294.4	R 556 3	
2020	0.0	79.7	9.2	13.2	0.4	22.8	R 8.4	0.8	R 1.1	157.3	R 270.1	R 259.9	R 530.0	
2020 2021 2022	0.0 0.0	79.7 86.3 89.0	9.2 12.1 12.4	13.2 11.7	0.5 0.4	66.7 74.6 87.0 69.6 55.7 59.6 48.7 46.1 53.5 51.7 42.5 40.6 36.7 32.6 33.7 29.8 22.6 26.5 25.7 21.0 19.1 23.8 R 22.8 R 22.8 R 22.8 R 22.4 4	10.9 13.8 12.2 R 8.4 R 8.2	0.8 0.8 0.8	0.5 R 0.5 R 0.5 0.6 R 0.6 R 0.6 R 0.7 R 0.7 R 0.7 R 0.9 R 1.1 1.6	157.3 159.1	285.4 R 259.4 R 289.6 R 302.2 R 287.6 R 270.4 R 262.8 R 297.0 R 282.2 R 270.1 R 280.0 285.2	R 28.2 R 44.0 R 80.7 R 110.6 R 143.2 R 156.5 R 219.7 R 303.7 R 349.7 R 349.7 R 333.8 R 344.6 R 335.0 R 344.6 R 335.0 R 361.0 R 326.6 R 309.9 R 295.0 R 295.0 R 295.0 R 275.7 R 294.4 R 275.7 R 294.4 R 259.9 R 262.6 259.1	R 185.7 R 211.8 R 281.9 R 304.8 R 343.4 R 370.3 R 429.8 R 515.5 R 580.3 R 658.8 R 611.2 R 648.0 R 663.0 R 663.0 R 663.0 R 663.0 R 664.0 R 664.0 R 563.1 R 604.0 R 563.1 R 604.9 R 597.5 R 563.4 R 556.3 R 558.4 R 558.4 R 551.4 R 556.3 R 550.0 R 551.4 R 554.7 S 542.7	
2022	0.0	89.0	12.4	11.6	0.4	24.4	10.1	0.8	1.6	159.4	285.2	259.1	544.3	

Table CT4. Residential sector energy consumption estimates, selected years, 1960-2022, Virginia

^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 Hydrocarbon gas liquids, assumed to be propane only.

d Wood and wood-derived fuels.

There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
¹ Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial

sectors.

⁹ Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
^h 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.

ⁱ 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. http://www.eia.gov/state/seds/

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