Table CT1. Energy consumption estimates for selected energy sources in physical units, selected years, 1960-2022, West Virginia

			Petroleum												
	Coal	Natural gas [a]	Distillate fuel oil [b]	HGL [c]	Jet fuel [d]	Motor gasoline [e]	Residual fuel oil	Other [f]	Total	Nuclear electric power	Hydro-electric power [g]	Wind	Fuel ethanol [h]	Biodiesel
Year	Thousand short tons	Billion cubic feet	Thousand barrels							Million kilowatthours			Thousand barrels	
1960	14,058	150	2,473	558	169	11,609	1,481	6,574	22,864	0	938	0	NA	NA
1965	19,049	164	2,837	961	130	12,762	2,153	5,944	24,788	0	828	0	NA	NA
1970	25,376	181	3,917	1,230	290	15,831	2,065	4,883	28,216	0	996	0	NA	NA
1971	26,010	178	4,663	1,324	231	16,428	1,882	4,854	29,382	0	1,146	0	NA	NA
1972	29,834	199	5,598	1,514	200	16,904	1,751	5,254	31,221	0	1,246	0	NA	NA
1973	33,587	186	6,080	1,610	193	18,200	1,377	5,269	32,729	0	1,176	0	NA	NA
1974	35,693	182	5,651	1,763	206	18,326	1,736	5,600	33,282	0	1,148	0	NA	NA
1975	34,469	158	5,922	1,498	249	19,314	2,504	6,658	36,145	0	1,063	0	NA	NA
1976	36,314	151	6,146	1,454	285	20,538	4,718	6,026	39,168	0	1,026	0	NA	NA
1977	35,620	145	8,292	1,519	299	21,205	4,901	6,335	42,551	0	943	0	NA	NA
1978	32,852	152	7,502	1,390	285	21,267	4,236	6,050	40,730	0	925	0	NA	NA
1979	34,176	149	10,097	3,118	324	20,498	2,745	6,221	43,004	0	1,232	0	NA	NA
1980	34,939	143	10,541	3,435	357	19,390	1,463	5,188	40,375	0	1,114	0	NA	NA
1981	35,893	149	9,432	3,249	339	18,802	991	5,302	38,114	0	1,090	0	(s)	NA
1982	32,798	130	7,701	2,683	297	18,956	1,391	4,688	35,716	0	1,118	0	0	NA
1983	33,269	116	10,113	2,698	277	18,686	1,097	3,885	36,755	0	1,109	0	0	NA
1984	36,253	124	11,228	392	242	18,537	1,497	4,157	36,053	0	1,138	0	0	NA
1985	34,999	117	10,414	1,157	235	18,513	970	4,203	35,492	0	1,058	0	0	NA
1986	35,097	113	8,049	1,148	219	18,652	1,182	4,222	33,471	0	1,051	0	0	NA
1987	34,890	115	9,718	1,202	211	19,338	541	4,377	35,386	0	1,005	0	0	NA
1988	36,527	122	9,747	1,231	248	19,744	631	5,140	36,741	0	988	0	0	NA
1989	37,289	129	10,518	1,535	380	19,484	1,047	5,267	38,232	0	1,307	0	0	NA
1990	34,896	120	10,597	1,612	273	19,643	1,268	4,566	37,959	0	1,295	0	0	NA
1991	32,028	111	10,393	1,821	237	19,342	1,064	3,764	36,621	0	1,065	0	0	NA
1992	32,678	129	10,051	1,692	271	19,860	575	3,940	36,389	0	1,271	0	111	NA
1993	33,574	135	10,930	1,821	257	19,638	509	3,442	36,596	0	1,114	0	65	NA
1994	36,262	146	11,501	1,972	225	19,960	493	4,050	38,202	0	1,146	0	48	NA
1995	35,381	149	11,287	1,944	174	20,891	197	3,828	38,321	0	1,193	0	33	NA
1996	37,104	155	9,197	2,199	170	18,899	352	3,734	34,551	0	1,425	0	5	NA
1997	38,098	160	10,526	2,874	172	19,752	231	3,596	37,151	0	1,139	0	5	NA
1998	39,877	143	12,378	2,157	175	19,724	72	4,796	39,302	0	1,086	0	1	NA
1999	40,351	140	11,854	1,076	184	19,491	93	4,628	37,325	0	930	0	(s)	NA
2000	39,892	148	12,539	1,578	189	19,424	293	3,910	37,933	0	1,151	0	8	NA
2001	35,622	141	12,554	1,386	191	19,717	228	5,797	39,873	0	952	0	126	(s)
2002	40,779	146	15,060	992	249	19,288	113	5,902	41,603	0	1,066	9	312	1
2003	40,223	127	12,708	1,192	262	19,592	50	5,105	38,910	0	1,356	170	411	1
2004	38,747	122	13,761	1,638	252	20,341	344	6,212	42,548	0	1,318	161	441	1
2005	40,306	117	14,406	1,048	238	20,203	440	5,973	42,308	0	1,448	154	112	4
2006	40,087	113	14,953	1,491	231	20,326	336	6,064	43,402	0	1,572	174	159	12
2007	40,708	116	14,744	1,176	236	20,217	999	5,911	43,284	0	1,254	168	224	17
2008	40,199	111	14,453	1,307	227	18,569	606	6,278	41,439	0	1,248	392	1,229	14
2009	31,103	110	12,591	1,165	198	20,042	86	2,720	36,803	0	1,646	742	1,667	15
2010	35,243	113	13,235	3,755	234	20,460	39	2,281	40,006	0	1,367	939	1,781	12
2011	34,392	115	13,208	3,691	252	19,483	45	2,493	39,171	0	1,453	1,103	1,759	42
2012	31,464	130	12,826	3,583	245	19,051	231	2,297	38,233	0	1,431	1,286	1,824	36
2013	31,851	142	13,211	4,053	209	18,791	166	2,221	38,652	0	1,739	1,387	1,805	177
2014	33,561	165	12,747	3,660	197	19,454	72	2,100	38,230	0	1,242	1,451	1,821	155
2015	29,750	174	11,895	3,627	219	19,269	99	2,493	37,602	0	1,385	1,376	1,774	167
2016	30,650	172	13,345	3,427	226	19,691	55	R 2,755	R 39,499	0	1,638	1,432	1,857	335
2017	28,919	184	13,290	3,361	228	19,106	0	R 2,041	R 38,027	0	1,658	1,682	1,849	353
2018	26,821	203	16,801	3,465	196	19,986	4	R 2,263	R 42,715	0	1,848	1,770	1,990	232
2019	24,907	221	14,826	3,809	208	19,862	17	R 2,439	R 41,161	0	1,706	1,631	1,969	163
2020	21,550	R 243	12,460	3,774	159	16,838	4	R 2,299	R 35,534	0	1,592	1,898	1,665	154
2021	25,380	R 255	R 14,900	3,765	171	19,015	7	R 2,429	R 40,288	0	1,705	1,624	1,899	R 146
2022	21,589	262	14,984	3,920	174	18,319	7	2,424	39,828	0	1,647	2,007	1,845	119

[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. http://www.eia.gov/state/seds/

Table CT2. Primary energy consumption estimates, selected years, 1960-2022, West Virginia

(trillion Btu)

Year	Fossil fuels										*Fossil fuels (as commingled)*		
			Petroleum										
	Coal	Natural gas excluding supplemental gaseous fuels [a]	Distillate fuel oil excluding biofuels [a]	HGL [b]	Jet fuel [c]	Motor gasoline excluding fuel ethanol [a]	Residual fuel oil	Other [d]	Total	Total	*Natural gas including supplemental gaseous fuels* [a]	*Distillate fuel oil including biofuels* [a]	*Motor gasoline including fuel ethanol* [a]
1960	354.4	155.6	14.4	2.1	0.9	61.0	9.3	39.0	126.7	636.7	*155.6*	*14.4*	*61.0*
1965	477.4	176.1	16.5	3.7	0.7	67.0	13.5	35.5	136.9	790.4	*176.1*	*16.5*	*67.0*
1970	612.4	186.5	22.8	4.5	1.6	83.2	13.0	29.3	154.5	953.4	*186.5*	*22.8*	*83.2*
1971	618.8	183.6	27.2	4.9	1.3	86.3	11.8	29.3	160.8	963.1	*183.6*	*27.2*	*86.3*
1972	716.5	204.9	32.6	5.6	1.1	88.8	11.0	31.7	170.8	1,092.3	*204.9*	*32.6*	*88.8*
1973	810.2	191.9	35.4	5.9	1.1	95.6	8.7	31.7	178.3	1,180.4	*191.9*	*35.4*	*95.6*
1974	841.8	186.6	32.9	6.4	1.1	96.3	10.9	33.5	181.1	1,209.5	*186.6*	*32.9*	*96.3*
1975	817.4	164.3	34.5	5.4	1.4	101.5	15.7	39.7	198.2	1,179.9	*164.3*	*34.5*	*101.5*
1976	872.4	157.2	35.8	5.3	1.6	107.9	29.7	36.2	216.4	1,245.9	*157.2*	*35.8*	*107.9*
1977	847.7	150.6	48.3	5.4	1.7	111.4	30.8	37.8	235.4	1,233.8	*150.6*	*48.3*	*111.4*
1978	785.7	156.6	43.7	5.0	1.6	111.7	26.6	36.4	225.0	1,167.3	*156.6*	*43.7*	*111.7*
1979	828.8	152.1	58.8	11.2	1.8	107.7	17.3	37.3	234.0	1,214.9	*152.1*	*58.8*	*107.7*
1980	857.8	147.6	61.4	12.3	2.0	101.9	9.2	30.9	217.6	1,223.0	*147.6*	*61.4*	*101.9*
1981	877.5	154.5	54.9	11.5	1.9	98.8	6.2	31.8	205.1	1,237.1	*154.5*	*54.9*	*98.8*
1982	808.0	136.1	44.9	9.4	1.7	99.6	8.7	28.1	192.3	1,136.3	*136.1*	*44.9*	*99.6*
1983	826.1	120.2	58.9	9.4	1.5	98.2	6.9	23.1	198.0	1,144.3	*120.2*	*58.9*	*98.2*
1984	898.4	131.0	65.4	1.4	1.3	97.4	9.4	24.8	199.8	1,229.2	*131.0*	*65.4*	*97.4*
1985	871.7	125.0	60.7	4.1	1.3	97.2	6.1	25.0	194.4	1,191.2	*125.0*	*60.7*	*97.2*
1986	877.2	121.1	46.9	4.1	1.2	98.0	7.4	25.2	182.9	1,181.2	*121.1*	*46.9*	*98.0*
1987	871.7	123.7	56.6	4.3	1.2	101.6	3.4	26.2	193.3	1,188.8	*123.7*	*56.6*	*101.6*
1988	915.4	131.5	56.8	4.5	1.4	103.7	4.0	30.9	201.2	1,248.1	*131.5*	*56.8*	*103.7*
1989	932.5	139.4	61.3	5.6	2.1	102.4	6.6	31.6	209.6	1,281.5	*139.4*	*61.3*	*102.4*
1990	873.5	129.0	61.7	5.8	1.5	103.2	8.0	27.5	207.7	1,210.1	*129.0*	*61.7*	*103.2*
1991	802.0	118.8	60.5	6.4	1.3	101.6	6.7	22.6	199.2	1,120.1	*118.8*	*60.5*	*101.6*
1992	812.7	137.7	58.5	6.1	1.5	104.3	3.6	23.8	197.9	1,148.3	*137.7*	*58.5*	*104.3*
1993	821.2	144.2	63.7	6.5	1.4	102.2	3.2	20.7	197.7	1,163.1	*144.2*	*63.7*	*102.5*
1994	890.8	155.1	66.9	7.1	1.3	103.9	3.1	24.5	206.8	1,252.7	*155.1*	*66.9*	*104.1*
1995	871.3	157.8	65.7	6.9	1.0	108.6	1.2	23.2	206.6	1,235.7	*157.8*	*65.7*	*108.7*
1996	913.6	164.3	53.5	7.8	1.0	98.5	2.2	22.8	185.8	1,263.7	*164.3*	*53.5*	*98.5*
1997	937.7	170.3	61.3	10.2	1.0	102.8	1.5	22.1	198.9	1,306.9	*170.3*	*61.3*	*102.8*
1998	978.3	151.9	72.0	7.7	1.0	102.6	0.5	29.4	213.1	1,343.4	*151.9*	*72.0*	*102.6*
1999	993.0	147.7	69.0	4.0	1.0	101.4	0.6	28.1	204.1	1,344.8	*147.7*	*69.0*	*101.4*
2000	977.8	157.9	73.0	5.8	1.1	101.0	1.8	23.8	206.5	1,342.2	*157.9*	*73.0*	*101.0*
2001	866.6	150.5	73.1	5.2	1.1	102.1	1.4	35.0	218.0	1,235.1	*150.5*	*73.1*	*102.5*
2002	993.5	155.5	87.6	3.7	1.4	99.2	0.7	36.0	228.7	1,377.7	*155.5*	*87.6*	*100.3*
2003	978.4	135.4	73.9	4.5	1.5	100.4	0.3	30.9	211.5	1,325.3	*135.4*	*73.9*	*101.8*
2004	937.1	129.4	80.1	6.2	1.4	104.2	2.2	36.4	230.4	1,296.8	*129.4*	*80.1*	*105.7*
2005	959.7	125.0	83.8	3.9	1.4	104.5	2.8	34.9	231.3	1,315.9	*125.0*	*83.8*	*104.9*
2006	958.9	126.3	86.8	5.6	1.3	104.8	2.1	35.8	236.3	1,321.5	*126.3*	*86.8*	*105.4*
2007	983.3	124.6	85.3	4.4	1.3	103.2	6.3	34.9	235.4	1,343.2	*124.6*	*85.3*	*104.0*
2008	955.6	119.6	83.5	4.9	1.3	90.6	3.8	37.6	221.7	1,296.9	*119.6*	*83.5*	*94.8*
2009	742.9	118.6	72.3	4.4	1.1	96.2	0.5	16.9	191.5	1,053.0	*118.6*	*72.7*	*102.0*
2010	848.1	121.8	76.1	14.4	1.3	97.5	0.2	14.4	204.0	1,173.9	*121.8*	*76.4*	*103.7*
2011	822.6	124.9	75.4	14.2	1.4	92.5	0.3	15.8	199.7	1,147.2	*124.9*	*76.2*	*98.6*
2012	756.7	140.1	73.1	13.7	1.4	90.1	1.5	14.6	194.4	1,091.3	*140.1*	*74.0*	*96.4*
2013	771.2	152.9	74.7	15.6	1.2	88.8	1.0	13.9	195.2	1,119.3	*152.9*	*76.1*	*95.1*
2014	816.5	180.2	72.2	14.0	1.1	92.1	0.5	13.1	193.0	1,189.7	*180.2*	*73.5*	*98.4*
2015	730.9	191.1	66.9	13.9	1.2	91.3	0.6	15.7	189.7	1,111.7	*191.1*	*68.5*	*97.4*
2016	752.0	188.5	73.9	13.1	1.3	93.1	0.3	17.5	199.2	R 1,139.7	*188.5*	*76.8*	*99.5*
2017	710.4	199.3	74.0	12.9	1.3	90.1	0.0	R 12.8	R 191.1	R 1,100.9	*199.3*	*76.5*	*96.5*
2018	661.8	221.4	93.9	13.3	1.1	94.1	(s)	R 14.3	R 216.7	R 1,099.8	*221.4*	*96.8*	*101.0*
2019	621.7	239.9	83.2	14.6	1.2	93.5	0.1	R 15.5	R 208.0	R 1,069.6	*239.9*	*85.4*	*100.3*
2020	539.7	R 264.3	69.5	14.5	0.9	79.3	(s)	R 14.6	R 178.7	R 982.7	R *264.3*	*71.7*	*85.1*
2021	633.6	R 277.0	R 84.7	14.4	1.0	89.4	(s)	R 15.3	R 204.5	R 1,115.1	R *277.0*	R *85.9*	*96.0*
2022	536.6	284.8	85.2	15.0	1.0	86.1	(s)	15.3	202.3	1,023.8	*284.8*	*86.4*	*92.5*

[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. http://www.eia.gov/state/seds/

Table CT2. Primary energy consumption estimates, selected years, 1960-2022, West Virginia (continued)

(trillion Btu)

Year	Nuclear electric power	Renewable energy											Net interstate flow of electricity [k]	Electricity net imports [l]	Total [f]
		Hydro-electric power [e,f]	Biomass						Geo-thermal [f]	Solar [f,j]	Wind	Total [f]			
			Wood and waste [f,g]	Fuel ethanol [h]	Biodiesel	Renewable diesel	Losses and co-products [i]	Total [f]							
1960	0.0	R 3.2	13.4	NA	NA	NA	NA	13.4	0.0	NA	NA	R 16.6	R -52.9	0.0	R 600.4
1965	0.0	R 2.8	11.9	NA	NA	NA	NA	11.9	0.0	NA	NA	R 14.7	R -71.9	0.0	R 733.3
1970	0.0	R 3.4	10.7	NA	NA	NA	NA	10.7	0.0	NA	NA	R 14.1	R -194.8	0.0	R 772.7
1971	0.0	R 3.9	10.3	NA	NA	NA	NA	10.3	0.0	NA	NA	R 14.2	R -222.2	0.0	R 755.1
1972	0.0	R 4.3	11.8	NA	NA	NA	NA	11.8	0.0	NA	NA	R 16.1	R -303.7	0.0	R 804.7
1973	0.0	R 4.0	12.0	NA	NA	NA	NA	12.0	0.0	NA	NA	R 16.0	R -374.7	0.0	R 821.7
1974	0.0	R 3.9	11.8	NA	NA	NA	NA	11.8	0.0	NA	NA	R 15.7	R -410.4	0.0	R 814.8
1975	0.0	R 3.6	11.7	NA	NA	NA	NA	11.7	0.0	NA	NA	R 15.4	R -429.7	0.0	R 765.6
1976	0.0	R 3.5	14.1	NA	NA	NA	NA	14.1	0.0	NA	NA	R 17.6	R -460.7	0.0	R 802.9
1977	0.0	R 3.2	14.5	NA	NA	NA	NA	14.5	0.0	NA	NA	R 17.7	R -450.8	0.0	R 800.6
1978	0.0	R 3.2	17.7	NA	NA	NA	NA	17.7	0.0	NA	NA	R 20.8	R -403.0	0.0	R 785.2
1979	0.0	R 4.2	21.1	NA	NA	NA	NA	21.1	0.0	NA	NA	R 25.3	R -441.2	0.0	R 799.0
1980	0.0	R 3.8	11.9	NA	NA	NA	NA	11.9	0.0	NA	NA	R 15.7	R -474.9	0.0	R 763.8
1981	0.0	R 3.7	10.6	(s)	NA	NA	0.0	10.6	0.0	NA	NA	R 14.3	R -505.8	0.0	R 745.6
1982	0.0	R 3.8	14.1	0.0	NA	NA	0.0	14.1	0.0	NA	NA	R 17.9	R -468.1	0.0	R 686.2
1983	0.0	R 3.8	11.7	0.0	NA	NA	0.0	11.7	0.0	NA	0.0	R 15.5	R -506.4	0.0	R 653.5
1984	0.0	R 3.9	13.7	0.0	NA	NA	0.0	13.7	0.0	0.0	0.0	R 17.6	R -555.2	0.0	R 691.6
1985	0.0	R 3.6	14.0	0.0	NA	NA	0.0	14.0	0.0	0.0	0.0	R 17.6	R -566.6	0.0	R 642.2
1986	0.0	R 3.6	20.4	0.0	NA	NA	0.0	20.4	0.0	0.0	0.0	R 24.0	R -560.2	0.0	R 645.0
1987	0.0	R 3.4	18.0	0.0	NA	NA	0.0	18.0	0.0	0.0	0.0	R 21.5	R -549.4	0.0	R 660.8
1988	0.0	R 3.4	18.8	0.0	NA	NA	0.0	18.8	0.0	0.0	0.0	R 22.2	R -562.5	0.0	R 707.8
1989	0.0	R 4.5	11.9	0.0	NA	NA	0.0	11.9	0.0	(s)	0.0	R 16.4	R -570.9	0.0	R 727.0
1990	0.0	R 4.4	5.0	0.0	NA	NA	0.0	5.0	0.0	(s)	0.0	R 9.5	R -523.5	0.0	R 696.1
1991	0.0	R 3.6	5.2	0.0	NA	NA	0.0	5.2	0.0	(s)	0.0	R 8.9	R -462.7	0.0	R 666.3
1992	0.0	R 4.3	5.3	0.4	NA	NA	0.0	5.7	0.0	(s)	0.0	R 10.0	R -479.2	0.0	R 679.1
1993	0.0	R 3.8	6.9	0.2	NA	NA	0.0	7.2	0.0	(s)	0.0	R 11.0	R -471.8	0.0	R 702.4
1994	0.0	R 3.9	6.8	0.2	NA	NA	0.0	7.0	0.0	(s)	0.0	R 11.0	R -534.6	0.0	R 729.0
1995	0.0	R 4.1	7.1	0.1	NA	NA	0.0	7.2	0.0	(s)	0.0	R 11.3	R -516.0	0.0	R 731.1
1996	0.0	R 4.9	7.3	(s)	NA	NA	0.0	7.3	0.0	(s)	0.0	R 12.2	R -573.1	0.0	R 702.8
1997	0.0	R 3.9	5.9	(s)	NA	NA	0.0	5.9	0.0	(s)	0.0	R 9.9	R -614.2	0.0	R 702.5
1998	0.0	R 3.7	5.1	(s)	NA	NA	0.0	5.1	0.0	(s)	0.0	R 8.8	R -622.3	0.0	R 729.9
1999	0.0	R 3.2	5.2	(s)	NA	NA	0.0	5.2	(s)	(s)	0.0	R 8.5	R -639.8	0.0	R 713.5
2000	0.0	R 3.9	5.6	(s)	NA	NA	0.0	5.6	(s)	(s)	0.0	R 9.6	R -619.4	0.0	R 732.4
2001	0.0	R 3.2	4.8	0.4	(s)	NA	0.0	5.3	(s)	(s)	0.0	R 8.6	R -517.1	0.0	R 726.5
2002	0.0	R 3.6	4.2	1.1	(s)	NA	0.0	5.3	(s)	(s)	R (s)	R 9.0	R -635.6	0.0	R 751.1
2003	0.0	R 4.6	4.3	1.4	(s)	NA	0.0	5.7	(s)	(s)	R 0.6	R 11.0	R -631.0	0.0	R 705.3
2004	0.0	R 4.5	4.4	1.5	(s)	NA	0.0	5.9	(s)	(s)	R 0.5	R 11.0	R -579.3	0.0	R 728.5
2005	0.0	R 4.9	12.3	0.4	(s)	NA	0.0	12.7	(s)	(s)	R 0.5	R 18.2	R -603.0	0.0	R 731.1
2006	0.0	R 5.4	10.9	0.5	0.1	NA	0.0	11.5	(s)	(s)	R 0.6	R 17.5	R -585.0	0.0	R 754.1
2007	0.0	R 4.3	11.9	0.8	0.1	NA	(s)	12.8	(s)	(s)	R 0.6	R 17.7	R -576.3	0.0	R 784.5
2008	0.0	R 4.3	13.0	4.3	0.1	NA	(s)	17.4	(s)	(s)	R 1.3	R 23.0	R -549.5	0.0	R 770.4
2009	0.0	R 5.6	21.7	5.8	0.1	NA	(s)	27.5	(s)	(s)	R 2.5	R 35.7	R -391.8	0.0	R 696.9
2010	0.0	R 4.7	23.4	6.2	0.1	NA	0.0	29.6	(s)	(s)	R 3.2	R 37.6	R -468.0	0.0	R 743.4
2011	0.0	R 5.0	22.3	6.1	0.2	0.0	0.0	28.6	(s)	0.1	R 3.8	R 37.4	R -455.5	0.0	R 729.2
2012	0.0	R 4.9	18.9	6.3	0.2	0.0	0.0	25.4	(s)	0.1	R 4.4	R 34.8	R -404.8	0.0	R 721.2
2013	0.0	R 5.9	23.9	6.3	0.9	0.0	0.0	31.1	(s)	0.1	R 4.7	R 41.9	R -420.9	0.0	R 740.3
2014	0.0	R 4.2	24.3	6.3	0.8	0.0	0.0	31.4	(s)	0.1	R 5.0	R 40.7	R -458.5	0.0	R 771.9
2015	0.0	R 4.7	12.1	6.2	0.9	0.0	0.0	19.2	(s)	0.1	R 4.7	R 28.7	R -381.7	0.0	R 758.6
2016	0.0	R 5.6	11.2	6.4	1.8	0.0	0.0	19.4	(s)	0.1	R 4.9	R 30.0	R -417.9	0.0	R 751.8
2017	0.0	R 5.7	10.7	6.4	1.9	0.0	0.0	19.0	(s)	0.1	R 5.7	R 30.5	R -389.7	(s)	R 741.7
2018	0.0	R 6.3	12.3	6.9	1.2	0.0	0.0	20.5	(s)	0.1	R 6.0	R 33.0	R -315.9	(s)	R 816.9
2019	0.0	R 5.8	12.1	6.9	0.9	0.0	0.0	19.8	(s)	R 0.1	R 5.6	R 31.3	R -284.4	0.0	R 816.5
2020	0.0	R 5.4	R 8.9	5.8	0.8	0.0	0.0	R 15.5	(s)	R 0.1	R 6.5	R 27.5	R -223.0	0.0	R 787.3
2021	0.0	R 5.8	R 9.7	6.6	0.8	0.0	0.0	R 17.1	(s)	R 0.1	R 5.5	R 28.6	R -306.1	0.0	R 837.6
2022	0.0	5.6	10.8	6.4	0.6	0.0	0.0	17.8	(s)	0.2	6.8	30.5	-218.8	0.0	835.5

[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] 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] Solar thermal and photovoltaic energy.

[k] 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.

[l] Electricity traded with Canada and Mexico. Calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

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. http://www.eia.gov/state/seds/

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

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	8,179	149	2,472	558	169	11,609	1,448	6,574	22,830	540	– –	– –	– –	– –	8,763	– –	– –	– –
1970	10,487	181	3,914	1,230	290	15,831	1,635	4,883	27,784	558	– –	– –	– –	– –	15,122	– –	– –	– –
1980	6,440	143	9,862	3,435	353	19,390	1,463	5,188	39,692	690	– –	– –	– –	– –	20,831	– –	– –	– –
1990	5,023	120	10,230	1,612	273	19,643	1,268	4,566	37,591	610	– –	– –	– –	– –	23,132	– –	– –	– –
2000	3,268	147	12,090	1,578	189	19,424	293	3,910	37,484	453	– –	– –	– –	– –	27,693	– –	– –	– –
2005	2,431	115	14,057	1,048	238	20,203	440	5,973	41,960	556	– –	– –	– –	– –	30,152	– –	– –	– –
2006	2,225	109	14,716	1,491	231	20,326	336	6,064	43,165	524	– –	– –	– –	– –	32,312	– –	– –	– –
2007	2,652	112	14,420	1,176	236	20,217	999	5,911	42,960	449	– –	– –	– –	– –	34,184	– –	– –	– –
2008	2,493	110	14,216	1,307	227	18,569	606	6,278	41,202	427	– –	– –	– –	– –	34,221	– –	– –	– –
2009	1,848	109	12,287	1,165	198	20,042	86	2,720	36,499	619	– –	– –	– –	– –	30,271	– –	– –	– –
2010	2,491	112	12,964	3,755	234	20,460	39	2,281	39,734	498	– –	– –	– –	– –	32,032	– –	– –	– –
2011	2,475	113	12,881	3,691	252	19,483	45	2,493	38,844	559	– –	– –	– –	– –	31,239	– –	– –	– –
2012	1,893	127	12,576	3,583	245	19,051	231	2,297	37,983	547	– –	– –	– –	– –	30,817	– –	– –	– –
2013	1,757	139	12,942	4,053	209	18,791	166	2,221	38,383	659	– –	– –	– –	– –	31,400	– –	– –	– –
2014	1,678	159	12,464	3,660	197	19,454	72	2,100	37,947	529	– –	– –	– –	– –	32,696	– –	– –	– –
2015	1,526	161	11,649	3,627	219	19,269	99	2,493	37,355	553	– –	– –	– –	– –	32,303	– –	– –	– –
2016	1,100	162	13,130	3,427	226	19,691	55	R 2,755	R 39,284	496	– –	– –	– –	– –	32,076	– –	– –	– –
2017	932	174	13,082	3,361	228	19,106	0	R 2,041	R 37,819	534	– –	– –	– –	– –	31,709	– –	– –	– –
2018	1,010	192	16,512	3,465	196	19,986	4	R 2,263	R 42,426	688	– –	– –	– –	– –	33,647	– –	– –	– –
2019	1,010	205	14,596	3,809	208	19,862	17	R 2,439	R 40,931	563	– –	– –	– –	– –	33,247	– –	– –	– –
2020	960	R 222	12,203	3,774	159	16,838	4	R 2,299	R 35,277	565	– –	– –	– –	– –	32,077	– –	– –	– –
2021	1,130	R 236	R 14,599	3,765	171	19,015	7	R 2,429	R 39,987	516	– –	– –	– –	– –	32,778	– –	– –	– –
2022	414	246	14,696	3,920	174	18,319	7	2,424	39,540	526	– –	– –	– –	– –	32,986	– –	– –	– –
			Trillion Btu															
1960	213.9	154.6	14.4	2.1	0.9	61.0	9.1	39.0	126.5	R 1.8	13.4	NA	NA	NA	29.9	R 540.1	R 60.3	R 600.4
1970	265.2	185.8	22.8	4.5	1.6	83.2	10.3	29.3	151.7	R 1.9	10.7	NA	NA	NA	51.6	R 667.0	R 105.7	R 772.7
1980	166.1	147.6	57.4	12.3	2.0	101.9	9.2	30.9	213.7	R 2.4	11.9	NA	NA	NA	71.1	R 612.6	R 151.2	R 763.8
1990	128.7	128.9	59.6	5.8	1.5	103.2	8.0	27.5	205.5	R 2.1	5.0	0.0	0.0	(s)	78.9	R 549.2	R 146.9	R 696.1
2000	86.6	157.4	70.4	5.8	1.1	101.0	1.8	23.8	203.9	R 1.5	5.4	0.0	(s)	(s)	94.5	R 549.5	R 183.0	R 732.4
2005	61.6	122.6	81.8	3.9	1.4	104.9	2.8	34.9	229.7	R 1.9	12.3	0.0	(s)	(s)	102.9	R 531.0	R 200.1	R 731.1
2006	56.6	122.5	85.4	5.6	1.3	105.4	2.1	35.8	235.5	R 1.8	10.9	0.0	(s)	(s)	110.2	R 537.6	R 216.4	R 754.1
2007	67.5	120.6	83.4	4.4	1.3	104.0	6.3	34.9	234.3	R 1.5	11.9	(s)	(s)	(s)	116.6	R 552.5	R 232.1	R 784.5
2008	63.8	117.6	82.2	4.9	1.3	94.8	3.8	37.6	224.6	R 1.5	13.0	(s)	(s)	(s)	116.8	R 537.4	R 233.1	R 770.4
2009	47.4	117.5	71.0	4.4	1.1	102.0	0.5	16.9	195.9	R 2.1	21.7	(s)	(s)	(s)	103.3	R 487.9	R 209.3	R 697.3
2010	63.8	120.2	74.9	14.4	1.3	103.7	0.2	14.4	208.9	R 1.7	23.4	0.0	(s)	(s)	109.3	R 527.4	R 216.3	R 743.7
2011	63.3	122.3	74.3	14.2	1.4	98.6	0.3	15.8	204.7	R 1.9	22.2	0.0	(s)	0.1	106.6	R 521.0	R 208.8	R 729.7
2012	50.7	137.7	72.5	13.7	1.4	96.4	1.5	14.6	200.1	R 1.9	18.8	0.0	(s)	0.1	105.1	R 514.4	R 207.5	R 721.9
2013	46.6	149.9	74.6	15.6	1.2	95.1	1.0	13.9	201.4	R 2.2	23.9	0.0	(s)	0.1	107.1	R 531.3	R 209.5	R 740.8
2014	44.8	173.2	71.8	14.0	1.1	98.4	0.5	13.1	199.0	R 1.8	24.2	0.0	(s)	0.1	111.6	R 554.7	R 217.6	R 772.3
2015	41.0	176.9	67.1	13.9	1.2	97.4	0.6	15.7	196.0	R 1.9	12.0	0.0	(s)	0.1	110.2	R 538.3	R 221.1	R 759.4
2016	30.6	177.6	75.6	13.1	1.3	99.5	0.3	17.5	207.4	R 1.7	11.2	0.0	(s)	0.1	109.4	R 538.0	R 214.9	R 753.0
2017	26.3	188.1	75.3	12.9	1.3	96.5	0.0	R 12.8	R 198.8	R 1.8	10.7	0.0	(s)	0.1	108.2	R 534.1	R 208.2	R 742.3
2018	28.3	209.9	95.1	13.3	1.1	101.0	(s)	R 14.3	R 224.8	R 2.3	12.3	0.0	(s)	0.1	114.8	R 592.6	R 225.9	R 818.5
2019	28.2	222.3	84.1	14.6	1.2	100.3	0.1	R 15.5	R 215.8	R 1.9	12.1	0.0	(s)	R 0.1	113.4	R 593.8	R 224.0	R 817.9
2020	26.8	R 241.8	70.2	14.5	0.9	85.1	(s)	R 14.6	R 185.3	R 1.9	R 8.8	0.0	(s)	R 0.1	109.4	R 574.2	R 214.4	R 788.7
2021	31.0	R 256.1	R 84.2	14.4	1.0	96.0	(s)	R 15.3	R 211.0	R 1.8	R 9.7	0.0	(s)	R 0.1	111.8	R 621.5	R 216.9	R 838.4
2022	11.2	266.9	84.7	15.0	1.0	92.5	(s)	15.3	208.6	1.8	10.7	0.0	(s)	0.2	112.5	611.9	224.5	836.4

[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. http://www.eia.gov/state/seds/

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

Year	Coal [a]	Natural gas [b]	Petroleum				Biomass	Geothermal [e]	Solar [e,f]	Electricity [g]	End use [e,h]	Electrical system energy losses [i]	Total [e,h]
			Distillate fuel oil	HGL [c]	Kerosene	Total							
	Thousand short tons	Billion cubic feet	Thousand barrels				Wood [d]			Million kilowatthours			
1960	144	50	204	217	148	568	– –	– –	– –	1,714	– –	– –	– –
1965	138	50	304	269	184	756	– –	– –	– –	2,365	– –	– –	– –
1970	107	58	250	254	267	772	– –	– –	– –	3,459	– –	– –	– –
1975	71	51	581	317	172	1,070	– –	– –	– –	4,979	– –	– –	– –
1980	33	48	1,169	379	408	1,956	– –	– –	– –	6,606	– –	– –	– –
1985	18	37	516	215	390	1,122	– –	– –	– –	6,712	– –	– –	– –
1990	36	33	682	399	210	1,291	– –	– –	– –	7,578	– –	– –	– –
1995	8	35	496	398	287	1,181	– –	– –	– –	9,166	– –	– –	– –
2000	24	32	524	720	340	1,584	– –	– –	– –	9,738	– –	– –	– –
2005	6	30	382	677	250	1,308	– –	– –	– –	11,384	– –	– –	– –
2006	2	26	380	872	188	1,441	– –	– –	– –	11,014	– –	– –	– –
2007	7	27	330	743	123	1,196	– –	– –	– –	11,749	– –	– –	– –
2008	0	28	340	847	47	1,234	– –	– –	– –	11,763	– –	– –	– –
2009	0	26	234	812	68	1,114	– –	– –	– –	11,588	– –	– –	– –
2010	0	27	276	844	67	1,187	– –	– –	– –	12,443	– –	– –	– –
2011	0	25	241	794	33	1,068	– –	– –	– –	11,746	– –	– –	– –
2012	0	23	190	672	16	877	– –	– –	– –	11,195	– –	– –	– –
2013	0	27	263	1,020	18	1,301	– –	– –	– –	11,582	– –	– –	– –
2014	0	28	239	713	36	988	– –	– –	– –	11,991	– –	– –	– –
2015	0	25	290	790	26	1,106	– –	– –	– –	11,437	– –	– –	– –
2016	0	23	269	584	37	889	– –	– –	– –	11,376	– –	– –	– –
2017	0	22	200	511	20	730	– –	– –	– –	10,573	– –	– –	– –
2018	0	26	246	643	21	911	– –	– –	– –	11,679	– –	– –	– –
2019	0	24	276	753	25	1,054	– –	– –	– –	11,153	– –	– –	– –
2020	0	23	254	940	25	1,219	– –	– –	– –	10,877	– –	– –	– –
2021	0	24	241	756	25	R 1,021	– –	– –	– –	11,051	– –	– –	– –
2022	0	25	251	765	23	1,039	– –	– –	– –	11,137	– –	– –	– –
							Trillion Btu						
1960	3.6	51.4	1.2	0.8	0.8	2.9	8.3	NA	NA	5.8	72.1	R 11.8	R 83.9
1965	3.4	53.2	1.8	1.0	1.0	3.8	6.4	NA	NA	8.1	74.9	R 15.9	R 90.8
1970	2.6	59.7	1.5	1.0	1.5	4.0	5.7	NA	NA	11.8	83.7	R 24.2	R 107.9
1975	1.7	53.2	3.4	1.2	1.0	5.6	6.0	NA	NA	17.0	83.5	R 34.7	R 118.2
1980	0.8	49.8	6.8	1.5	2.3	10.6	7.5	NA	NA	22.5	91.2	R 47.9	R 139.2
1985	0.4	39.2	3.0	0.8	2.2	6.0	8.9	NA	NA	22.9	77.5	R 46.5	R 124.1
1990	0.9	34.9	4.0	1.5	1.2	6.7	3.2	0.0	(s)	25.9	71.6	R 48.1	R 119.8
1995	0.2	37.5	2.9	1.5	1.6	6.0	4.6	0.0	(s)	31.3	79.8	R 60.9	R 140.7
2000	0.6	33.8	3.1	2.8	1.9	7.7	3.4	(s)	(s)	33.2	78.8	R 64.3	R 143.2
2005	0.2	31.8	2.2	2.6	1.4	6.2	9.3	(s)	(s)	38.8	86.4	R 75.5	R 161.9
2006	0.1	29.2	2.2	3.4	1.1	6.6	8.3	(s)	(s)	37.6	81.8	R 73.8	R 155.5
2007	0.2	28.5	1.9	2.9	0.7	5.5	9.1	(s)	(s)	40.1	83.4	R 79.8	R 163.2
2008	0.0	29.5	2.0	3.3	0.3	5.5	10.2	(s)	(s)	40.1	85.4	R 80.1	R 165.5
2009	0.0	28.3	1.3	3.1	0.4	4.9	17.9	(s)	(s)	39.5	90.7	R 80.1	R 170.8
2010	0.0	29.1	1.6	3.2	0.4	5.2	19.2	(s)	(s)	42.5	96.0	R 84.0	R 180.0
2011	0.0	27.2	1.4	3.0	0.2	4.6	18.6	(s)	R (s)	40.1	90.6	R 78.5	R 169.1
2012	0.0	24.4	1.1	2.6	0.1	3.8	15.6	(s)	0.1	38.2	82.0	R 75.4	R 157.3
2013	0.0	28.5	1.5	3.9	0.1	5.5	20.3	(s)	0.1	39.5	94.0	R 77.3	R 171.3
2014	0.0	30.9	1.4	2.7	0.2	4.3	20.6	(s)	0.1	40.9	R 96.7	R 79.8	R 176.6
2015	0.0	27.3	1.7	3.0	0.1	4.9	9.5	(s)	0.1	39.0	80.8	R 78.3	R 159.0
2016	0.0	25.5	1.6	2.2	0.2	4.0	8.5	(s)	0.1	38.8	R 76.9	R 76.2	R 153.2
2017	0.0	24.3	1.2	2.0	0.1	3.2	8.2	(s)	0.1	36.1	71.9	R 69.4	R 141.3
2018	0.0	28.7	1.4	2.5	0.1	4.0	9.7	(s)	0.1	39.9	82.4	R 78.4	R 160.8
2019	0.0	25.9	1.6	2.9	0.1	4.6	R 9.6	(s)	0.1	38.1	R 78.2	R 75.2	R 153.4
2020	0.0	24.9	1.5	3.6	0.1	5.2	R 6.3	(s)	0.1	37.1	R 73.6	R 72.7	R 146.3
2021	0.0	R 25.9	1.4	2.9	0.1	4.4	R 6.9	(s)	R 0.1	37.7	R 75.1	R 73.1	R 148.2
2022	0.0	27.2	1.4	2.9	0.1	4.5	8.1	(s)	0.1	38.0	78.0	75.8	153.8

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

Table CT5. Commercial sector energy consumption estimates, selected years, 1960-2022, West Virginia

Year	Coal	Natural gas [a]	Petroleum						Hydro-electric power [e,f]	Biomass	Geothermal [f]	Solar [f,h]	Electricity [i]	End use [f,j]	Electrical system energy losses [k]	Total [f,j]
			Distillate fuel oil	HGL [b]	Kerosene	Motor gasoline [c]	Residual fuel oil	Total [d]		Wood and waste [f,g]						
	Thousand short tons	Billion cubic feet	Thousand barrels						Million kilowatthours			Million kilowatthours				
1960	100	15	75	49	8	65	8	205	NA	– –	– –	NA	1,134	– –	– –	– –
1965	104	15	111	61	9	66	12	260	NA	– –	– –	NA	1,620	– –	– –	– –
1970	84	22	92	58	14	56	9	229	NA	– –	– –	NA	2,238	– –	– –	– –
1975	167	25	213	72	9	59	9	363	NA	– –	– –	NA	2,858	– –	– –	– –
1980	123	22	262	87	37	110	5	500	NA	– –	– –	NA	3,658	– –	– –	– –
1985	63	17	674	49	129	307	5	1,164	NA	– –	– –	NA	4,462	– –	– –	– –
1990	143	21	526	91	46	330	65	1,058	0	– –	– –	0	5,085	– –	– –	– –
1995	57	26	357	91	37	20	0	504	0	– –	– –	0	5,944	– –	– –	– –
2000	193	26	360	164	73	19	0	616	0	– –	– –	0	6,872	– –	– –	– –
2005	74	25	230	119	63	28	0	441	0	– –	– –	0	7,452	– –	– –	– –
2006	22	23	164	183	41	29	0	417	0	– –	– –	0	7,377	– –	– –	– –
2007	59	23	162	160	25	30	0	376	0	– –	– –	0	7,769	– –	– –	– –
2008	0	25	137	209	13	29	0	387	0	– –	– –	0	7,716	– –	– –	– –
2009	0	24	270	203	9	27	0	509	0	– –	– –	0	7,694	– –	– –	– –
2010	0	25	223	216	8	27	0	472	0	– –	– –	0	7,962	– –	– –	– –
2011	0	24	416	206	3	28	0	653	0	– –	– –	1	7,768	– –	– –	– –
2012	0	23	378	207	1	25	0	611	0	– –	– –	1	7,763	– –	– –	– –
2013	0	24	384	304	3	26	(s)	718	0	– –	– –	1	7,794	– –	– –	– –
2014	0	24	436	180	3	25	0	644	0	– –	– –	1	7,876	– –	– –	– –
2015	0	23	461	157	4	364	0	986	0	– –	– –	1	7,801	– –	– –	– –
2016	0	23	415	173	2	376	0	966	0	– –	– –	1	7,826	– –	– –	– –
2017	0	22	362	189	2	366	0	919	0	– –	– –	2	7,549	– –	– –	– –
2018	0	25	429	209	3	372	0	1,013	0	– –	– –	2	7,774	– –	– –	– –
2019	0	24	451	409	4	374	0	1,239	0	– –	– –	4	7,567	– –	– –	– –
2020	0	21	385	207	4	374	0	970	0	– –	– –	5	6,956	– –	– –	– –
2021	0	23	381	259	3	378	0	R 1,021	0	– –	– –	6	7,156	– –	– –	– –
2022	0	24	392	298	3	389	0	1,081	0	– –	– –	9	7,275	– –	– –	– –
			Trillion Btu													
1960	2.5	16.0	0.4	0.2	(s)	0.3	(s)	1.1	NA	0.2	NA	NA	3.9	23.6	R 7.8	R 31.4
1965	2.6	15.6	0.6	0.2	0.1	0.3	0.1	1.4	NA	0.1	NA	NA	5.5	25.1	R 10.9	R 36.0
1970	2.0	22.3	0.5	0.2	0.1	0.3	0.1	1.2	NA	0.1	NA	NA	7.6	33.3	R 15.6	R 48.9
1975	4.0	25.7	1.2	0.3	0.1	0.3	0.1	1.9	NA	0.1	NA	NA	9.8	41.5	R 19.9	R 61.4
1980	3.0	22.7	1.5	0.3	0.2	0.6	(s)	2.7	NA	0.2	NA	NA	12.5	41.0	R 26.6	R 67.5
1985	1.6	18.4	3.9	0.2	0.7	1.6	(s)	6.5	NA	0.2	NA	NA	15.2	41.9	R 30.9	R 72.8
1990	3.6	22.9	3.1	0.3	0.3	1.7	0.4	5.8	0.0	0.4	0.0	0.0	17.4	50.0	R 32.3	R 82.3
1995	1.4	27.5	2.1	0.3	0.2	0.1	0.0	2.7	0.0	0.6	0.0	0.0	20.3	52.5	R 39.5	R 92.0
2000	5.0	28.0	2.1	0.6	0.4	0.1	0.0	3.2	0.0	0.6	(s)	0.0	23.4	60.2	R 45.4	R 105.6
2005	1.8	26.8	1.3	0.5	0.4	0.1	0.0	2.3	0.0	1.5	(s)	0.0	25.4	57.8	R 49.4	R 107.3
2006	0.6	26.3	1.0	0.7	0.2	0.1	0.0	2.0	0.0	1.4	(s)	0.0	25.2	55.4	R 49.4	R 104.9
2007	1.5	24.3	0.9	0.6	0.1	0.2	0.0	1.8	0.0	1.5	(s)	0.0	26.5	55.6	R 52.7	R 108.4
2008	0.0	27.2	0.8	0.8	0.1	0.1	0.0	1.8	0.0	1.6	(s)	0.0	26.3	56.9	R 52.5	R 109.4
2009	0.0	25.7	1.6	0.8	0.1	0.1	0.0	2.5	0.0	2.5	(s)	0.0	26.3	57.0	R 53.2	R 110.2
2010	0.0	26.8	1.3	0.8	(s)	0.1	0.0	2.3	0.0	2.5	(s)	0.0	27.2	58.8	R 53.8	R 112.5
2011	0.0	26.1	2.4	0.8	(s)	0.1	0.0	3.3	0.0	2.4	(s)	(s)	26.5	58.4	R 51.9	R 110.3
2012	0.0	24.5	2.2	0.8	(s)	0.1	0.0	3.1	0.0	2.1	(s)	(s)	26.5	56.2	R 52.3	R 108.4
2013	0.0	26.1	2.2	1.2	(s)	0.1	(s)	3.5	0.0	2.4	(s)	(s)	26.6	58.7	R 52.0	R 110.7
2014	0.0	26.3	2.5	0.7	(s)	0.1	0.0	3.3	0.0	2.5	(s)	(s)	26.9	59.1	R 52.4	R 111.5
2015	0.0	25.3	2.7	0.6	(s)	1.8	0.0	5.1	0.0	1.4	(s)	(s)	26.6	58.5	R 53.4	R 111.8
2016	0.0	24.9	2.4	0.7	(s)	1.9	0.0	5.0	0.0	1.5	(s)	(s)	26.7	58.1	R 52.4	R 110.6
2017	0.0	24.3	2.1	0.7	(s)	1.8	0.0	4.7	0.0	1.5	(s)	(s)	25.8	56.2	R 49.6	R 105.8
2018	0.0	27.4	2.5	0.8	(s)	1.9	0.0	5.2	0.0	1.5	(s)	(s)	26.5	60.5	R 52.2	R 112.7
2019	0.0	25.6	2.6	1.6	(s)	1.9	0.0	6.1	0.0	1.4	(s)	(s)	25.8	58.9	R 51.0	R 109.9
2020	0.0	23.4	2.2	0.8	(s)	1.9	0.0	4.9	0.0	1.4	(s)	(s)	23.7	R 53.5	R 46.5	R 100.0
2021	0.0	R 24.7	2.2	1.0	(s)	1.9	0.0	5.1	0.0	1.6	(s)	R (s)	24.4	R 55.8	R 47.3	R 103.2
2022	0.0	25.7	2.3	1.1	(s)	2.0	0.0	5.4	0.0	1.5	(s)	(s)	24.8	57.5	49.5	107.0

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Hydrocarbon gas liquids, assumed to be propane only.
[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 small amounts of petroleum coke not shown separately.
[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] Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.
[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. 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.
[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 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. http://www.eia.gov/state/seds/

Table CT6. Industrial sector energy consumption estimates, selected years, 1960-2022, West Virginia

Year	Coal	Natural gas [a]	Petroleum						Hydro-electric power [e,f]	Biomass		Geo-thermal [f]	Solar [f,i]	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 short tons	Billion cubic feet	Thousand barrels						Million kWh			Million kWh					
1960	7,802	76	452	290	204	1,437	6,101	8,485	540	– –	– –	– –	NA	5,915	– –	– –	– –
1965	10,747	81	890	627	155	2,080	5,353	9,106	493	– –	– –	– –	NA	7,984	– –	– –	– –
1970	10,279	93	1,087	907	114	1,621	4,340	8,070	558	– –	– –	– –	NA	9,426	– –	– –	– –
1975	8,424	68	1,533	1,095	78	1,787	6,180	10,672	595	– –	– –	– –	NA	9,102	– –	– –	– –
1980	6,284	59	3,585	2,955	81	1,458	4,428	12,508	690	– –	– –	– –	NA	10,567	– –	– –	– –
1985	3,551	45	2,119	871	229	964	3,418	7,601	690	– –	– –	– –	NA	9,673	– –	– –	– –
1990	4,845	58	3,173	1,103	249	1,203	4,018	9,746	610	– –	– –	– –	0	10,469	– –	– –	– –
1995	3,768	60	3,315	1,443	194	197	3,233	8,381	556	– –	– –	– –	0	10,867	– –	– –	– –
2000	3,051	57	2,937	692	200	293	3,216	7,338	453	– –	– –	– –	0	11,083	– –	– –	– –
2005	2,351	40	4,267	239	393	440	5,350	10,689	556	– –	– –	– –	0	11,312	– –	– –	– –
2006	2,200	41	5,201	418	424	336	5,584	11,964	524	– –	– –	– –	0	13,916	– –	– –	– –
2007	2,586	42	5,298	261	349	999	5,505	12,413	449	– –	– –	– –	0	14,661	– –	– –	– –
2008	2,493	38	6,031	228	283	606	5,991	13,139	427	– –	– –	– –	0	14,738	– –	– –	– –
2009	1,848	36	4,855	136	278	86	2,428	7,783	619	– –	– –	– –	0	10,985	– –	– –	– –
2010	2,491	38	4,986	2,690	194	39	2,012	9,922	498	– –	– –	– –	0	11,623	– –	– –	– –
2011	2,475	42	4,877	2,686	191	45	2,278	10,076	559	– –	– –	– –	(s)	11,720	– –	– –	– –
2012	1,893	50	4,664	2,700	191	231	2,114	9,899	547	– –	– –	– –	(s)	11,856	– –	– –	– –
2013	1,757	59	5,139	2,724	198	166	2,035	10,263	659	– –	– –	– –	(s)	12,021	– –	– –	– –
2014	1,678	77	5,131	2,762	158	72	1,901	10,024	529	– –	– –	– –	(s)	12,829	– –	– –	– –
2015	1,526	84	3,060	2,674	282	99	2,281	8,397	553	– –	– –	– –	(s)	13,065	– –	– –	– –
2016	1,100	95	1,770	2,664	285	55	R 2,512	R 7,286	496	– –	– –	– –	(s)	12,875	– –	– –	– –
2017	932	109	2,887	2,648	287	0	R 1,844	R 7,666	534	– –	– –	– –	(s)	13,586	– –	– –	– –
2018	1,010	122	3,410	2,595	284	4	R 2,039	R 8,332	688	– –	– –	– –	(s)	14,193	– –	– –	– –
2019	1,010	132	3,613	2,626	285	17	R 2,240	R 8,780	563	– –	– –	– –	(s)	14,527	– –	– –	– –
2020	960	R 148	2,122	2,617	283	4	R 2,125	R 7,150	565	– –	– –	– –	(s)	14,243	– –	– –	– –
2021	1,130	R 155	2,915	2,741	263	7	R 2,146	R 8,072	516	– –	– –	– –	(s)	14,571	– –	– –	– –
2022	414	164	2,947	2,847	268	7	2,149	8,217	526	– –	– –	– –	1	14,574	– –	– –	– –
			Trillion Btu														
1960	204.4	78.4	2.6	1.1	1.1	9.0	36.3	50.1	R 1.8	4.9	NA	NA	NA	20.2	R 359.8	R 40.7	R 400.5
1965	280.0	87.1	5.2	2.4	0.8	13.1	32.2	53.6	R 1.7	5.4	NA	NA	NA	27.2	R 455.0	R 53.6	R 508.6
1970	260.2	95.7	6.3	3.3	0.6	10.2	26.2	46.7	R 1.9	4.9	NA	NA	NA	32.2	R 441.5	R 65.9	R 507.4
1975	212.5	70.5	8.9	3.9	0.4	11.2	36.9	61.4	R 2.0	5.7	NA	NA	NA	31.1	R 383.2	R 63.4	R 446.6
1980	162.4	61.4	20.9	10.4	0.4	9.2	26.5	67.4	R 2.4	4.2	NA	NA	NA	36.1	R 333.8	R 76.7	R 410.5
1985	91.0	48.4	12.3	3.0	1.2	6.1	20.5	43.1	R 2.4	4.9	0.0	NA	NA	33.0	R 222.6	R 67.1	R 289.7
1990	124.3	61.7	18.5	3.8	1.3	7.6	24.3	55.5	R 2.1	1.4	0.0	0.0	0.0	35.7	R 280.7	R 66.5	R 347.1
1995	97.4	64.0	19.3	5.0	1.0	1.2	19.7	46.2	R 1.9	1.8	0.0	0.0	0.0	37.1	R 248.4	R 72.2	R 320.6
2000	81.1	60.7	17.1	2.4	1.0	1.8	19.8	42.2	R 1.5	1.4	0.0	0.0	0.0	37.8	R 224.7	R 73.2	R 297.9
2005	59.6	43.0	24.8	0.8	2.0	2.8	31.4	61.8	R 1.9	1.5	0.0	0.0	0.0	38.6	R 206.4	R 75.1	R 281.5
2006	55.9	45.8	30.2	1.4	2.2	2.1	33.0	68.9	R 1.8	1.3	0.0	0.0	0.0	47.5	R 221.2	R 93.2	R 314.4
2007	65.8	45.3	30.6	0.9	1.8	6.3	32.5	72.1	R 1.5	1.3	(s)	0.0	0.0	50.0	R 236.1	R 99.5	R 335.6
2008	63.8	41.3	34.9	0.8	1.4	3.8	35.9	76.8	R 1.5	1.3	(s)	0.0	0.0	50.3	R 234.9	R 100.4	R 335.2
2009	47.4	39.5	28.0	0.4	1.4	0.5	15.1	45.6	R 2.1	1.2	(s)	0.0	0.0	37.5	R 173.3	R 76.0	R 249.3
2010	63.8	41.1	28.8	10.3	1.0	0.2	12.8	53.1	R 1.7	1.7	0.0	0.0	0.0	39.7	R 201.1	R 78.5	R 279.6
2011	63.3	45.7	28.1	10.3	1.0	0.3	14.5	54.2	R 1.9	1.1	0.0	0.0	(s)	40.0	R 206.3	R 78.3	R 284.6
2012	50.7	54.4	26.9	10.4	1.0	1.5	13.5	53.2	R 1.9	1.1	0.0	0.0	(s)	40.5	R 201.7	R 79.8	R 281.5
2013	46.6	63.4	29.6	10.4	1.0	1.0	12.8	54.9	R 2.2	1.1	0.0	0.0	(s)	41.0	R 209.4	R 80.2	R 289.6
2014	44.8	84.1	29.6	10.6	0.8	0.5	11.9	53.3	R 1.8	1.1	0.0	0.0	(s)	43.8	R 228.9	R 85.4	R 314.3
2015	41.0	92.4	17.6	10.3	1.4	0.6	14.4	44.4	R 1.9	1.1	0.0	0.0	(s)	44.6	R 225.4	R 89.4	R 314.8
2016	30.6	104.8	10.2	10.2	1.4	0.3	R 16.1	38.2	R 1.7	1.1	0.0	0.0	(s)	43.9	R 220.4	R 86.3	R 306.7
2017	26.3	118.6	16.6	10.2	1.5	0.0	R 11.6	R 39.9	R 1.8	1.0	0.0	0.0	(s)	46.4	R 233.9	R 89.2	R 323.2
2018	28.3	132.8	19.6	10.0	1.4	(s)	R 12.9	R 44.0	R 2.3	1.1	0.0	0.0	(s)	48.4	R 257.0	R 95.3	R 352.3
2019	28.2	143.7	20.8	10.1	1.4	0.1	R 14.3	R 46.7	R 1.9	1.1	0.0	0.0	(s)	49.6	R 271.3	R 97.9	R 369.1
2020	26.8	R 161.2	12.2	10.0	1.4	(s)	R 13.5	R 37.2	R 1.9	1.1	0.0	0.0	(s)	48.6	R 276.9	R 95.2	R 372.1
2021	31.0	R 168.7	16.8	10.5	1.3	(s)	R 13.7	R 42.4	R 1.8	1.2	0.0	0.0	(s)	49.7	R 294.8	R 96.4	R 391.2
2022	11.2	177.9	17.0	10.9	1.4	(s)	13.7	43.0	1.8	1.1	0.0	0.0	(s)	49.7	284.7	99.2	383.9

[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. http://www.eia.gov/state/seds/

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

Year	Coal	Natural gas [a]	Petroleum								Electricity [f]	End use [g,h]	Electrical system energy losses [i]	Total [g,h]
			Aviation gasoline	Distillate fuel oil [b]	HGL [c]	Jet fuel [d]	Lubricants	Motor gasoline [e]	Residual fuel oil	Total				
	Thousand short tons	Billion cubic feet	Thousand barrels								Million kilowatthours			
1960	134	8	119	1,742	2	169	199	11,340	3	13,573	0	– –	– –	– –
1965	35	18	201	1,530	4	130	198	12,541	0	14,603	0	– –	– –	– –
1970	16	8	78	2,485	10	290	185	15,660	5	18,713	0	– –	– –	– –
1975	1	14	58	3,589	14	242	239	19,176	0	23,318	0	– –	– –	– –
1980	0	13	65	4,846	14	353	250	19,199	0	24,728	0	– –	– –	– –
1985	0	18	39	6,736	22	235	228	17,977	(s)	25,236	0	– –	– –	– –
1990	0	9	36	5,850	19	273	256	19,063	0	25,497	0	– –	– –	– –
1995	0	26	27	6,781	12	174	244	20,678	0	27,916	0	– –	– –	– –
2000	0	33	20	8,269	2	189	261	19,205	0	27,945	0	– –	– –	– –
2005	0	20	89	9,178	13	238	220	19,783	0	29,522	4	– –	– –	– –
2006	0	19	37	8,970	18	231	214	19,873	0	29,343	4	– –	– –	– –
2007	0	21	36	8,631	11	236	221	19,839	0	28,974	4	– –	– –	– –
2008	0	18	21	7,709	23	227	206	18,257	0	26,442	4	– –	– –	– –
2009	0	22	30	6,929	15	198	185	19,736	0	27,094	4	– –	– –	– –
2010	0	22	24	7,479	6	234	169	20,240	0	28,152	4	– –	– –	– –
2011	0	21	23	7,348	5	252	157	19,264	0	27,048	4	– –	– –	– –
2012	0	32	22	7,344	4	245	145	18,835	0	26,595	4	– –	– –	– –
2013	0	30	19	7,156	5	209	147	18,567	0	26,102	4	– –	– –	– –
2014	0	29	13	6,658	5	197	147	19,271	0	26,292	0	– –	– –	– –
2015	0	29	12	7,837	7	219	170	18,622	0	26,867	0	– –	– –	– –
2016	0	20	9	10,675	7	226	R 194	19,030	0	R 30,142	0	– –	– –	– –
2017	0	19	11	9,633	13	228	R 164	18,453	0	R 28,503	0	– –	– –	– –
2018	0	19	14	12,427	18	196	R 185	19,330	0	R 32,171	0	– –	– –	– –
2019	0	25	15	10,256	20	208	R 156	19,203	0	R 29,858	0	– –	– –	– –
2020	0	R 30	12	9,442	9	159	R 134	16,181	0	R 25,937	0	– –	– –	– –
2021	0	34	13	R 11,063	9	171	R 158	18,374	0	R 29,873	0	– –	– –	– –
2022	0	33	14	11,107	11	174	166	17,661	0	29,203	0	– –	– –	– –
			Trillion Btu											
1960	3.4	8.7	0.6	10.1	(s)	0.9	1.2	59.6	(s)	72.5	0.0	84.6	0.0	84.6
1965	0.9	19.3	1.0	8.9	(s)	0.7	1.2	65.9	0.0	77.7	0.0	97.9	0.0	97.9
1970	0.4	8.1	0.4	14.5	(s)	1.6	1.1	82.3	(s)	99.9	0.0	108.5	0.0	108.5
1975	(s)	14.6	0.3	20.9	0.1	1.3	1.5	100.7	0.0	124.8	0.0	139.4	0.0	139.4
1980	0.0	13.6	0.3	28.2	0.1	2.0	1.5	100.9	0.0	133.0	0.0	146.6	0.0	146.6
1985	0.0	19.0	0.2	39.2	0.1	1.3	1.4	94.4	(s)	136.6	0.0	155.6	0.0	155.6
1990	0.0	9.3	0.2	34.1	0.1	1.5	1.6	100.1	0.0	137.5	0.0	146.9	0.0	146.9
1995	0.0	28.1	0.1	39.5	(s)	1.0	1.5	107.6	0.0	149.7	0.0	177.8	0.0	177.8
2000	0.0	35.0	0.1	48.1	(s)	1.1	1.6	99.9	0.0	150.8	0.0	185.8	0.0	185.8
2005	0.0	21.0	0.5	53.4	(s)	1.4	1.3	102.7	0.0	159.3	(s)	180.4	(s)	180.4
2006	0.0	21.2	0.2	52.1	0.1	1.3	1.3	103.0	0.0	158.0	(s)	179.2	(s)	179.3
2007	0.0	22.4	0.2	49.9	(s)	1.3	1.3	102.0	0.0	154.8	(s)	177.4	(s)	177.4
2008	0.0	19.6	0.1	44.6	0.1	1.3	1.2	93.2	0.0	140.5	(s)	160.2	(s)	160.3
2009	0.0	24.0	0.2	40.0	0.1	1.1	1.1	100.5	0.0	142.9	(s)	166.9	(s)	166.9
2010	0.0	23.2	0.1	43.2	(s)	1.3	1.0	102.6	0.0	148.2	(s)	171.5	(s)	171.5
2011	0.0	23.3	0.1	42.4	(s)	1.4	0.9	97.5	0.0	142.4	(s)	165.7	(s)	165.7
2012	0.0	34.5	0.1	42.4	(s)	1.4	0.9	95.3	0.0	140.1	(s)	174.6	(s)	174.6
2013	0.0	31.9	0.1	41.2	(s)	1.2	0.9	93.9	0.0	137.4	(s)	169.2	(s)	169.3
2014	0.0	32.0	0.1	38.4	(s)	1.1	0.9	97.5	0.0	138.0	0.0	169.9	0.0	169.9
2015	0.0	32.0	0.1	45.2	(s)	1.2	1.0	94.2	0.0	141.7	0.0	173.7	0.0	173.7
2016	0.0	22.4	(s)	61.5	(s)	1.3	1.2	96.2	0.0	160.2	0.0	182.5	0.0	182.5
2017	0.0	20.9	0.1	55.5	0.1	1.3	1.0	93.2	0.0	151.1	0.0	172.0	0.0	172.0
2018	0.0	21.1	0.1	71.6	0.1	1.1	1.1	97.7	0.0	171.6	0.0	192.7	0.0	192.7
2019	0.0	27.1	0.1	59.1	0.1	1.2	0.9	97.0	0.0	R 158.4	0.0	185.4	0.0	185.4
2020	0.0	R 32.3	0.1	54.3	(s)	0.9	0.8	81.7	0.0	137.9	0.0	R 170.2	0.0	R 170.2
2021	0.0	R 36.8	0.1	R 63.8	(s)	1.0	R 1.0	92.8	0.0	R 159.0	0.0	R 195.8	0.0	R 195.8
2022	0.0	36.0	0.1	64.0	(s)	1.0	1.0	89.2	0.0	155.7	0.0	191.7	0.0	191.7

[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] 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.
[g] There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.
[h] For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.
[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.
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/

Table CT8. Electric power sector consumption estimates, selected years, 1960-2022, West Virginia

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	5,879	1	(s)	0	33	33	0	398	– –	0	NA	NA	0	– –
1965	8,025	1	(s)	0	61	62	0	336	– –	0	NA	NA	0	– –
1970	14,889	1	3	0	430	433	0	437	– –	0	NA	NA	0	– –
1975	25,805	(s)	14	0	708	722	0	467	– –	0	NA	NA	0	– –
1980	28,499	(s)	683	0	0	683	0	424	– –	0	NA	NA	0	– –
1985	31,367	(s)	369	0	0	369	0	368	– –	0	0	0	0	– –
1990	29,873	(s)	368	0	0	368	0	685	– –	0	0	0	0	– –
1995	31,549	1	338	0	0	338	0	637	– –	0	0	0	0	– –
2000	36,625	1	448	0	0	448	0	698	– –	0	0	0	0	– –
2005	37,875	2	349	0	0	349	0	892	– –	0	0	154	0	– –
2006	37,863	4	237	0	0	237	0	1,048	– –	0	0	174	0	– –
2007	38,056	4	324	0	0	324	0	806	– –	0	0	168	0	– –
2008	37,706	2	237	0	0	237	0	821	– –	0	0	392	0	– –
2009	29,255	1	304	0	0	304	0	1,027	– –	0	0	742	0	– –
2010	32,752	1	271	0	0	271	0	869	– –	0	0	939	0	– –
2011	31,917	3	327	0	0	327	0	894	– –	0	0	1,103	0	– –
2012	29,571	2	250	0	0	250	0	884	– –	0	0	1,286	0	– –
2013	30,093	3	269	0	0	269	0	1,080	– –	0	0	1,387	0	– –
2014	31,883	7	283	0	0	283	0	713	– –	0	0	1,451	0	– –
2015	28,223	13	247	0	0	247	0	832	– –	0	0	1,376	0	– –
2016	29,549	10	215	0	0	215	0	1,143	– –	0	0	1,432	0	– –
2017	27,988	10	208	0	0	208	0	1,125	– –	0	0	1,682	(s)	– –
2018	25,811	11	289	0	0	289	0	1,160	– –	0	0	1,770	9	– –
2019	23,897	16	230	0	0	230	0	1,143	– –	0	0	1,631	0	– –
2020	20,590	21	257	0	0	257	0	1,027	– –	0	0	1,898	0	– –
2021	24,250	20	301	0	0	301	0	1,188	– –	0	0	1,624	0	– –
2022	21,176	17	287	0	0	287	0	1,122	– –	0	0	2,007	0	– –
							Trillion Btu							
1960	140.6	1.0	(s)	0.0	0.2	0.2	0.0	R 1.4	0.0	0.0	NA	NA	0.0	R 143.1
1965	190.5	1.0	(s)	0.0	0.4	0.4	0.0	R 1.1	0.0	0.0	NA	NA	0.0	R 193.0
1970	347.2	0.7	(s)	0.0	2.7	2.7	0.0	R 1.5	(s)	0.0	NA	NA	0.0	R 352.1
1975	599.2	0.2	0.1	0.0	4.4	4.5	0.0	R 1.6	0.0	0.0	NA	NA	0.0	R 605.5
1980	691.7	0.1	4.0	0.0	0.0	4.0	0.0	R 1.4	0.0	0.0	NA	NA	0.0	R 697.1
1985	778.7	0.1	2.1	0.0	0.0	2.1	0.0	R 1.3	0.0	0.0	0.0	0.0	0.0	R 782.3
1990	744.8	0.1	2.1	0.0	0.0	2.1	0.0	R 2.3	0.0	0.0	0.0	0.0	0.0	R 749.4
1995	772.4	0.7	2.0	0.0	0.0	2.0	0.0	R 2.2	0.0	0.0	0.0	0.0	0.0	R 777.3
2000	891.2	0.5	2.6	0.0	0.0	2.6	0.0	R 2.4	0.1	0.0	0.0	0.0	0.0	R 896.9
2005	898.0	2.4	2.0	0.0	0.0	2.0	0.0	R 3.0	(s)	0.0	0.0	R 0.5	0.0	R 906.0
2006	902.3	3.8	1.4	0.0	0.0	1.4	0.0	R 3.6	0.0	0.0	0.0	R 0.6	0.0	R 911.7
2007	915.8	4.0	1.9	0.0	0.0	1.9	0.0	R 2.7	0.0	0.0	0.0	R 0.6	0.0	R 925.0
2008	891.9	2.0	1.4	0.0	0.0	1.4	0.0	R 2.8	0.0	0.0	0.0	R 1.3	0.0	R 899.3
2009	695.5	1.2	1.8	0.0	0.0	1.8	0.0	R 3.5	0.0	0.0	0.0	R 2.5	0.0	R 704.5
2010	784.3	1.6	1.6	0.0	0.0	1.6	0.0	R 3.0	0.0	0.0	0.0	R 3.2	0.0	R 793.6
2011	759.3	2.7	1.9	0.0	0.0	1.9	0.0	R 3.1	0.1	0.0	0.0	R 3.8	0.0	R 770.8
2012	706.0	2.5	1.4	0.0	0.0	1.4	0.0	R 3.0	0.1	0.0	0.0	R 4.4	0.0	R 717.4
2013	724.5	3.0	1.6	0.0	0.0	1.6	0.0	R 3.7	(s)	0.0	0.0	R 4.7	0.0	R 737.5
2014	771.7	7.0	1.6	0.0	0.0	1.6	0.0	R 2.4	0.1	0.0	0.0	R 5.0	0.0	R 787.8
2015	689.9	14.1	1.4	0.0	0.0	1.4	0.0	R 2.8	0.1	0.0	0.0	R 4.7	0.0	R 713.0
2016	721.3	10.9	1.2	0.0	0.0	1.2	0.0	R 3.9	0.0	0.0	0.0	R 4.9	0.0	R 742.3
2017	684.2	11.2	1.2	0.0	0.0	1.2	0.0	R 3.8	0.0	0.0	0.0	R 5.7	(s)	R 706.1
2018	633.4	11.5	1.7	0.0	0.0	1.7	0.0	R 4.0	0.0	0.0	0.0	R 6.0	(s)	R 656.6
2019	593.5	17.5	1.3	0.0	0.0	1.3	0.0	R 3.9	0.0	0.0	0.0	R 5.6	0.0	R 621.9
2020	512.9	22.4	1.5	0.0	0.0	1.5	0.0	R 3.5	(s)	0.0	0.0	R 6.5	0.0	R 546.9
2021	602.5	20.9	1.7	0.0	0.0	1.7	0.0	R 4.1	(s)	0.0	0.0	R 5.5	0.0	R 634.9
2022	525.5	17.9	1.7	0.0	0.0	1.7	0.0	3.8	(s)	0.0	0.0	6.8	0.0	555.8

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] 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. 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. http://www.eia.gov/state/seds/