Table CT6. Industrial sector energy consumption estimates, selected years, 1960-2024, 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	1,980	9,890	498	– –	– –	– –	0	11,623	– –	– –	– –
2011	2,475	42	4,877	2,686	191	45	2,244	10,042	559	– –	– –	– –	(s)	11,720	– –	– –	– –
2012	1,893	50	4,664	2,700	191	231	2,092	9,877	547	– –	– –	– –	(s)	11,856	– –	– –	– –
2013	1,757	59	5,139	2,724	198	166	2,008	10,235	659	– –	– –	– –	(s)	12,021	– –	– –	– –
2014	1,678	77	5,131	2,762	158	72	1,865	9,988	529	– –	– –	– –	(s)	12,829	– –	– –	– –
2015	1,526	84	3,060	2,674	282	99	2,236	8,352	553	– –	– –	– –	(s)	13,065	– –	– –	– –
2016	1,100	95	1,770	2,664	285	55	2,463	7,237	496	– –	– –	– –	(s)	12,875	– –	– –	– –
2017	932	109	2,887	2,648	287	0	1,844	7,666	534	– –	– –	– –	(s)	13,586	– –	– –	– –
2018	1,010	122	3,410	2,595	284	4	2,039	8,332	688	– –	– –	– –	(s)	14,193	– –	– –	– –
2019	1,010	132	3,613	2,626	285	17	2,242	8,782	563	– –	– –	– –	(s)	14,527	– –	– –	– –
2020	960	148	2,122	2,617	283	4	2,130	R 7,156	565	– –	– –	– –	(s)	14,243	– –	– –	– –
2021	1,130	155	2,915	2,741	263	7	R 2,149	R 8,075	516	– –	– –	– –	(s)	14,571	– –	– –	– –
2022	414	161	2,947	2,847	268	7	R 1,900	R 7,968	526	– –	– –	– –	1	14,574	– –	– –	– –
2023	234	178	2,876	2,757	264	6	R 2,174	R 8,078	446	– –	– –	– –	2	14,663	– –	– –	– –
2024	267	193	2,791	2,714	222	7	1,874	7,608	448	– –	– –	– –	3	14,651	– –	– –	– –
			Trillion Btu														
1960	204.4	78.4	2.6	1.1	1.1	9.0	36.3	50.1	1.8	4.9	NA	NA	NA	20.2	359.8	40.7	400.5
1965	280.0	87.1	5.2	2.4	0.8	13.1	32.2	53.6	1.7	5.4	NA	NA	NA	27.2	455.0	53.6	508.6
1970	260.2	95.7	6.3	3.3	0.6	10.2	26.2	46.7	1.9	4.9	NA	NA	NA	32.2	441.5	65.9	507.4
1975	212.5	70.5	8.9	3.9	0.4	11.2	36.9	61.4	2.0	5.7	NA	NA	NA	31.1	383.2	63.4	446.6
1980	162.4	61.4	20.9	10.4	0.4	9.2	26.5	67.4	2.4	4.2	NA	NA	NA	36.1	333.8	76.7	410.5
1985	91.0	48.4	12.3	3.0	1.2	6.1	20.5	43.1	2.4	4.9	0.0	NA	NA	33.0	222.6	67.1	289.7
1990	124.3	61.7	18.5	3.8	1.3	7.6	24.3	55.5	2.1	1.4	0.0	0.0	0.0	35.7	280.7	66.5	347.1
1995	97.4	64.0	19.3	5.0	1.0	1.2	19.7	46.2	1.9	1.8	0.0	0.0	0.0	37.1	248.4	72.2	320.6
2000	81.1	60.7	17.1	2.4	1.0	1.8	19.8	42.2	1.5	1.4	0.0	0.0	0.0	37.8	224.7	73.2	297.9
2005	59.6	43.0	24.8	0.8	2.0	2.8	31.4	61.8	1.9	1.5	0.0	0.0	0.0	38.6	206.4	75.1	281.5
2006	55.9	45.8	30.2	1.4	2.2	2.1	33.0	68.9	1.8	1.3	0.0	0.0	0.0	47.5	221.2	93.2	314.4
2007	65.8	45.3	30.6	0.9	1.8	6.3	32.5	72.1	1.5	1.3	(s)	0.0	0.0	50.0	236.1	99.5	335.6
2008	63.8	41.3	34.9	0.8	1.4	3.8	35.9	76.8	1.5	1.3	(s)	0.0	0.0	50.3	234.9	100.4	335.2
2009	47.4	39.5	28.0	0.4	1.4	0.5	15.1	45.6	2.1	1.2	(s)	0.0	0.0	37.5	173.3	76.0	249.3
2010	63.8	41.1	28.8	10.3	1.0	0.2	12.6	52.9	1.7	1.7	0.0	0.0	0.0	39.7	200.9	78.5	279.4
2011	63.3	45.7	28.1	10.3	1.0	0.3	14.3	54.0	1.9	1.1	0.0	0.0	(s)	40.0	206.1	78.3	284.4
2012	50.7	54.4	26.9	10.4	1.0	1.5	13.3	53.0	1.9	1.1	0.0	0.0	(s)	40.5	201.5	79.8	281.4
2013	46.6	63.4	29.6	10.4	1.0	1.0	12.7	54.8	2.2	1.1	0.0	0.0	(s)	41.0	209.2	80.2	289.4
2014	44.8	84.1	29.6	10.6	0.8	0.5	11.7	53.1	1.8	1.1	0.0	0.0	(s)	43.8	228.7	85.4	314.1
2015	41.0	92.4	17.6	10.3	1.4	0.6	14.2	44.1	1.9	1.1	0.0	0.0	(s)	44.6	225.1	89.4	314.5
2016	30.6	104.8	10.2	10.2	1.4	0.3	15.8	37.9	1.7	1.1	0.0	0.0	(s)	43.9	220.1	86.3	306.4
2017	26.3	118.6	16.6	10.2	1.5	0.0	11.6	39.9	1.8	1.0	0.0	0.0	(s)	46.4	233.9	89.2	323.2
2018	28.3	132.8	19.6	10.0	1.4	(s)	12.9	44.0	2.3	1.1	0.0	0.0	(s)	48.4	257.0	95.3	352.3
2019	28.2	143.7	20.8	10.1	1.4	0.1	14.3	46.7	1.9	1.1	0.0	0.0	(s)	49.6	271.3	97.9	369.2
2020	26.8	161.2	12.2	10.0	1.4	(s)	13.6	37.3	1.9	1.1	0.0	0.0	(s)	48.6	276.9	95.2	372.1
2021	31.0	168.7	16.8	10.5	1.3	(s)	13.7	42.4	1.8	1.2	0.0	0.0	(s)	49.7	294.8	96.4	R 391.3
2022	11.2	174.5	17.0	10.9	1.4	(s)	12.2	41.5	1.8	R 1.4	0.0	0.0	(s)	49.7	R 280.2	99.2	R 379.4
2023	6.3	R 192.7	16.6	10.6	1.3	(s)	14.1	42.6	1.5	R 1.4	0.0	0.0	(s)	50.0	R 294.5	100.1	R 394.6
2024	6.8	207.8	16.1	10.4	1.1	(s)	12.1	39.8	1.5	1.4	0.0	0.0	(s)	50.0	307.4	100.0	407.4

[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/