Table CT1. Energy consumption estimates for selected energy	sources in physical units, selected years, 1960-2022, West Virginia
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						Petroleum								
	Coal	Natural gas <sup>a</sup>	Distillate fuel oil <sup>b</sup>	HGL <sup>c</sup>	Jet fuel <sup>d</sup>	Motor gasoline <sup>e</sup>	Residual fuel oil	Other <sup>f</sup>	Total	Nuclear electric power	Hydro- electric power <sup>g</sup>	Wind	Fuel ethanol <sup>h</sup>	Biodiesel
Year	Thousand short tons	Billion cubic feet				Thousand barrels				М	llion kilowatthou	irs	Thousar	d barrels
1960	14,058	150 164	2,473	558 961	169	11,609	1,481	6,574	22,864	0	938	0	NA	NA
1965 1970	19,049 25,376	164 181	2,837 3,917	961	130 290	12,762 15,831	2,153 2.065	5,944 4,883	24,788 28,216	0	828 996	0	NA NA	NA NA
1971	26,010	178	4,663	1,230 1,324	231	16,428	1,882	4,854	29,382	Ő	1,146	ŏ	NA	NA
1972 1973	29,834 33,587	199 186	5,598 6,080	1,514 1,610	200 193	16,904 18,200	1,751 1,377	5,254 5,269	31,221 32,729	0	1,246 1,176	0	NA NA	NA NA
1973	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	Ó	NA	NA
1976 1977	36,314 35,620	151 145	6,146 8,292	1,454 1,519	285 299	20,538 21,205	4,718 4,901	6,026 6,335	39,168 42,551	0	1,026 943	0	NA NA	NA NA
1978	32,852	145 152	7,502	1,390	285	21,267	4,236	6,050	40,730	Ő	925	ŏ	NA	NA
1979	34,176	149	10,097	3,118	324 357	20,498	2,745	6,221	43,004	0	1,232	0	NA	NA
1980 1981	34,939 35,893	143 149	10,541 9.432	3,435 3,249	339	19,390 18,802	1,463 991	5,188 5,302	40,375 38,114	0	1,114 1.090	0	NA (s)	NA NA -
1982	35,893 32,798	130	7,701	2,683	297	18,956	1,391	4,688	35,716	Ō	1,118	Ō	Ó	NA
1983 1984	33,269 36,253	116 124	10,113 11,228	2,698 392	277 242	18,686 18,537	1,097 1,497	3,885 4,157	36,755 36,053	0	1,109 1,138	0	0	NA 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 1988	34,890 36,527	115 122	9,718 9,747	1,202 1,231	211 248	19,338 19,744	541 631	4,377 5,140	35,386 36,741	0	1,005 988	0	0	NA NA
1989	37,289	129	10,518	1,535	380	19,484	1,047	5,267	38,232	0	1,307	Ő	ŏ	NA
1990	34,896 32,028	120	10,597 10,393	1,612	273 237	19,643 19,342	1,268	4,566 3,764	37,959	0	1,295	0	0	NA
1991 1992	32,028	111 129	10,393	1,821 1,692	237 271	19,342 19,860	1,064 575	3,764 3,940	36,621 36,389	0	1,065 1,271	0	0 111	NA NA
1993	33,574	135	10,930	1,821	257	19,638	509	3,442	36,596	ő	1,114	Õ	65	NA
1994	36,262	146	11,501 11,287	1,972	225 174	19,960 20,891	493 197	4,050	38,202	0	1,146	0	48 33	NA NA
1995 1996	35,381 37,104	149 155	9,197	1,944 2,199	174	20,891	352	3,828 3,734	38,321 34,551	0	1,193 1,425	0	33	NA
1997	38,098	160	10,526	2,874	172	19,752	231	3,596	37,151	0	1,139	Ő	5	NA
1998 1999	39,877 40,351	143 140	12,378 11,854	2,157 1,076	175 184	19,724 19,491	72 93	4,796 4,628	39,302 37,325	0	1,086 930	0	1	NA NA
2000	39,892	140	12,539	1.578	189	19,491	293	4,626	37,933	0	1,151	0	(s) 8	NA
2001	35,622	141	12,554	1,386 992	191	19,717	228	5,797	39,873	Ō	952	Ō	126	(S)
2002 2003	40,779 40,223	146 127	15,060 12,708	992	249 262	19,288 19,592	113 50	5,902 5,105	41,603 38,910	0	1,066 1,356	9 170	312 411	1
2003	38,747	122	13,761	1,192 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 2007	40,087 40,708	113 116	14,953 14,744	1,491 1,176	231 236	20,326 20,217	336 999	6,064 5,911	43,402 43,284	0	1,572 1,254	174 168	159 224	12 17
2008	40,199	111	14,453	1,307	227	18,569	606	6,278	41,439	ő	1,248	392	1,229	14
2009 2010	31,103 35,243	110 113	12,591 13,235	1,165 3,755	198 234	20,042 20,460	86 39	2,720 2,281	36,803 40.006	0	1,646 1,367	742 939	1,667 1,781	15 12
2010	35,243 34,392	115	13,208	3,691	234 252	19,483	39 45	2,493	40,008 39,171	0	1,367	1,103	1,759	42
2012	31,464	130	12,826	3,583 4,053	245	19,051 18,791	231	2,297 2,221	38,233	Ō	1,431	1,286	1,824	36
2013 2014	31,851 33,561	142	13,211 12,747	4,053 3,660	209 197	18,791 19,454	166	2,221 2,100	38,652 38,230	0	1,739 1,242	1,387	1,805 1,821	177
2014 2015	29,750	165 174	12,747	3,627	219	19,269	72 99 55	_ 2,493	37 602	0	1,385	1,451 1,376	1,821	155 167 335
2016	30,650	172	13,345	3,427	226	19,691	55	2,493 R 2,755	R 39 499	0	1,638	1,432	1,857	335
2017 2018	28,919 26,821	184 203	13,290 16,801	3,361 3,465	228 196	19,106 19,986	0	R 2,041 R 2,263	R 38,027 R 42,715	0	1,658 1,848	1,682 1,770	1,849 1,990	353 232
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	<sup>H</sup> 35,534	0	1,592	1,898	1,665	154
2021 2022	25,380 21,589	R 255 262	R 14,900 14,984	3,765 3,920	171 174	19,015 18,319	7	R 2,429 2,424	R 40,288 39,828	0	1,705 1,647	1,624 2,007	1,899 1,845	<sup>R</sup> 146 119
	21,000	252	14,004	0,020	174	10,010	1	2,-27	00,020	0	1,047	2,007	1,040	110

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.
 <sup>b</sup> 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.
 <sup>c</sup> Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
 <sup>d</sup> Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type igt fuel is included in "Other petroleum." There is a discontinuity in this time series between 2009 and 2010 because of the petroleum.

naphtha-type jet tuel is included in "Utner petroleum. There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes, see technical notes. <sup>6</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline. <sup>7</sup> Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4. <sup>9</sup> Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be

separately identified. <sup>h</sup> 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

estimates may be ancore by charge by 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.

W

Ε S

V

R G

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

(trillion Btu)

Ε S Т

					Fossi	l fuels						Fossil fuels (as commingled)	
						Petroleum						as commingieu)	
Year	Coal	Natural gas excluding supplemental gaseous fuels <sup>a</sup>	Distillate fuel oil excluding biofuels <sup>a</sup>	HGL <sup>b</sup>	Jet fuel <sup>c</sup>	Motor gasoline excluding fuel ethanol <sup>a</sup>	Residual fuel oil	Other <sup>d</sup>	Total	Total	Natural gas including supplemental gaseous fuels <sup>a</sup>	Distillate fuel oil including biofuels <sup>a</sup>	Motor gasoline including fuel ethand
960	354.4	155.6	14.4	2.1	0.9	61.0	9.3	39.0	126.7	636.7	155.6	14.4	6
965 970	477.4	176.1	16.5 22.8	3.7	0.7	67.0 83.2	13.5 13.0	35.5 29.3	136.9 154.5	790.4	176.1 186.5	16.5 22.8	6
970	612.4	186.5	22.8	4.5	1.6	83.2	13.0	29.3	154.5	953.4	186.5	22.8	8
971	618.8	183.6	27.2	4.9	1.3	86.3	11.8	29.3	160.8	963.1	183.6	27.2	8
972 973	716.5	204.9	32.6 35.4	5.6	1.1	88.8	11.0	31.7	170.8	1,092.3 1,180.4	204.9	32.6 35.4 32.9 34.5 35.8 48.3	8
973	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	9
974	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	9
975 976	817.4 872.4	164.3 157.2	34.5 35.8	5.4	1.4 1.6	101.5 107.9	15.7 29.7	39.7 36.2	198.2 216.4	1,179.9	164.3 157.2	34.5	10 10
976 977	847.7	157.2	48.3	5.3 5.4	1.0	107.9	30.8	30.2	235.4	1,245.9 1,233.8	150.6	30.0	11
977 978	785.7	156.6	40.3 43.7	5.4 5.0	1.7	111.4	26.6	37.8	235.4 225.0	1,167.3	156.6	48.3	11
979	828.8	150.0	40.7 58 8	11.2	1.8	107.7	20.0	36.4	225.0	1 214 9	150.0	43.7 58.8	10
979 980	857.8	147.6	58.8 61.4	12.3	2.0	101.9	17.3 9.2	30.9	217.6	1,214.9 1,223.0	147.6	58.8 61.4	10 10
381	877 5	154 5	54 9	11.5	1.0	98.8	6.2	31.8	205.1	1,237 1	154.5	54.9	
982 983	808.0	136.1	44.9	9.4	1.9 1.7	98.8 99.6	6.2 8.7	28.1	192.3	1,136.3	154.5 136.1	44.9	g g
83	826.1	120.2	44.9 58.9	9.4	1.5	98.2	6.9	28.1 23.1	198.0	1,237.1 1,136.3 1,144.3	120.2	54.9 44.9 58.9	G
984	898.4	131.0	65.4 60.7	1.4	1.3	97.4	9.4	24.8	199.8	1,229.2	131.0	65.4	9
985	871.7	125.0	60.7	4.1	1.3	97.2	6.1	25.0	194.4	1,229.2 1,191.2	125.0	60.7	9
986	877.2	121.1	46.9	4.1	1.2 1.2	98.0	7.4	25.2	182.9	1.181.2	121.1 123.7	46.9 56.6	9
987	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	10
988	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 61.3 61.7	10
989	932.5	139.4	61.3 61.7	5.6	2.1	102.4	6.6 8.0	31.6	209.6	1,281.5 1,210.1	139.4 129.0	61.3	10 10
990	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	10
991 992	802.0 812.7	118.8 137.7	60.5 58.5	6.4 6.1	1.3	101.6 104.3	6.7 3.6	22.6 23.8	199.2 197.9	1,120.1 1,148.3	118.8 137.7	60.5 58.5	10 10
992 993	812.7 821.2	137.7	58.5 63.7	6.5	1.5 1.4	104.3	3.6	23.8 20.7	197.9	1,148.3	137.7 144.2	58.5 63.7	10
993 994	890.8	155.1	66.9	7.1	1.4	103.9	3.1	24.5	206.8	1,103.1	155.1	66.0	10
995	871.3	157.8	65.7	6.9	1.0	108.6	1.2	23.2	206.6	1,252.7 1,235.7	157.8	66.9 65.7	10
996	913.6	164.3	53.5	7.8	1.0	98.5	22	22.8	185.8	1 263 7	164.3	53.5	9
997	937.7	170.3	61.3	10.2	1.0	98.5 102.8	2.2 1.5	22.1	198.9	1,263.7 1,306.9	170.3	53.5 61.3	10
998	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	10
999	993.0	147.7	69.0	4.0	1.0	101.4	0.6	28.1	204.1	1,343.4 1,344.8 1,342.2	147.7	69.0	10
000	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	10
001 002	866.6 993.5	150.5 155.5	73.1 87.6	5.2 3.7	1.1	102.1	1.4 0.7	35.0 36.0	218.0 228.7	1,235.1 1,377.7	150.5 155.5	73.1 87.6	10 10
002	993.5	155.5	87.6	3.7	1.4	102.1 99.2	0.7	36.0	228.7	1,377.7	155.5	87.6	10
003	978.4	135.4	73.9 80.1	4.5 6.2	1.5	100.4	0.3 2.2	30.9	211.5	1,325.3 1,296.8	135.4	73.9 80.1	10
004	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	10
005	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	10
006	958.9	126.3	86.8	5.6	1.3	104.8	2.1	35.8	236.3	1,321.5 1,343.2	126.3	86.8	10
007 008	983.3 955.6	124.6 119.6	85.3 83.5	4.4 4.9	1.3 1.3	103.2 90.6	6.3	34.9 37.6	235.4 221.7	1,343.2	124.6 119.6	85.3 83.5	10
008	742.9	119.6	72.3	4.9	1.3	96.2	3.8 0.5	16.9	191.5	1,053.0	118.6	72.7	10
010	8/8 1	121.8	72.3	14.4	1.3	90.2	0.5	14.4	204.0	1,055.0	121.8	76.4	10
011	848.1 822.6	124.9	76.1 75.4	14.2	1.3	97.5 92.5	0.2 0.3	15.8	199.7	1,173.9 1,147.2	121.8 124.9	76.4 76.2	10
012	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	6
013	771.2	152.9	73.1 74.7 72.2	15.6	1.4	88.8	1.0	13.9	195.2	1 119 3	152.9	76.1	0
014	816.5	152.9 180.2	72.2	14.0	1.1	92.1	1.0 0.5	13.1	193.0	1,189.7	152.9 180.2	76.1 73.5	9
015	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	0
016	752.0	188.5	66.9 73.9	13.9 13.1	1.3	93.1	0.3	_ 17.5	199.2	R 1,139.7 R 1,100.9	188.5 199.3	68.5 76.8	9
017	710.4	199.3	74.0	12.9	1.3	90.1	0.0	R 12.8	<sup>H</sup> 191 1	<sup>R</sup> 1,100.9	199.3	76.5	9
018	661.8	221.4	93.9 83.2	13.3	1.1	94.1	(s) 0.1	H 14.3	R 216.7 R 208.0	<sup>R</sup> 1,099.8 <sup>R</sup> 1,069.6	221.4 239.9	96.8 85.4	10
019	621.7	239.9	83.2	14.6	1.2	93.5		15.7 17.5 R 12.8 R 14.3 R 15.5	H 208.0	<sup>н</sup> 1,069.6	239.9	85.4	10
020	539.7	R 264.3	69.5	14.5	0.9	79.3	(s)	<sup>H</sup> 14.6	R 178.7	R'982.7	R 264.3	71.7 R 85.9	8
021	633.6	R 277.0	R 84.7	14.4	1.0	89.4	(s)	<sup>R</sup> 14.6 <sup>R</sup> 15.3 15.3	R 204.5	R 1,115.1	R 277.0	n 85.9	9
)22	536.6	284.8	85.2	15.0	1.0	86.1	(s)	15.3	202.3	1,023.8	284.8	86.4	g

<sup>a</sup> 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."
 <sup>b</sup> Hydrocarbon gas liquids, include natural gas liquids, and refinery olefins.
 <sup>c</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 "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>d</sup> 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

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)

Verte         Works         Verte         Biolest         Description         Total         Openant         Solar (1)         Vind         Total         Instant         Description         Total         T								Renewable en	ergy							
Verw         Purce						Bior	mass							Net		
1950       0.0       1.2.5       11.9       NA       NA       NA       11.0       0.0       NA       NA       NA       PA       12.7       10.0       PA32.0       10.0       PA32.0 </th <th>Year</th> <th>electric</th> <th>electric</th> <th></th> <th>Fuel ethanol <sup>h</sup></th> <th>Biodiesel</th> <th></th> <th>and co-</th> <th>Total <sup>f</sup></th> <th>Geo- thermal <sup>f</sup></th> <th>Solar <sup>f,j</sup></th> <th>Wind</th> <th>Total <sup>f</sup></th> <th>interstate flow of</th> <th>net</th> <th>Total <sup>f</sup></th>	Year	electric	electric		Fuel ethanol <sup>h</sup>	Biodiesel		and co-	Total <sup>f</sup>	Geo- thermal <sup>f</sup>	Solar <sup>f,j</sup>	Wind	Total <sup>f</sup>	interstate flow of	net	Total <sup>f</sup>
1990       0.0       1 44       5.0       0.0       NA       NA       0.0       5.0       0.0       (6)       0.0       19.5       19.523.5       0.0       1966.3         1992       0.0       19.3       5.3       0.4       NA       NA       0.0       5.2       0.0       (8)       0.0       19.0       19.79.1       19.66.3       19.79.1       19.66.3       0.0       19.0       19.79.2       0.0       19.66.3       0.0       19.10       19.79.2       0.0       19.79.1       10.0       19.79.1       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.70.2       19.79.1       10.0       17.70.0       19.70.2       10.0       17.70.0       10.0       17.70.0       10.70.2       10.70.2       10.0       17.70.0       10.70.2       17.70.0<	1960		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
1990       0.0       1 44       5.0       0.0       NA       NA       0.0       5.0       0.0       (6)       0.0       19.5       19.523.5       0.0       1966.3         1992       0.0       19.3       5.3       0.4       NA       NA       0.0       5.2       0.0       (8)       0.0       19.0       19.79.1       19.66.3       19.79.1       19.66.3       0.0       19.0       19.79.2       0.0       19.66.3       0.0       19.10       19.79.2       0.0       19.79.1       10.0       19.79.1       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.70.2       19.79.1       10.0       17.70.0       19.70.2       10.0       17.70.0       10.0       17.70.0       10.70.2       10.70.2       10.0       17.70.0       10.70.2       17.70.0<	1965		H 2.8	11.9		NA	NA	NA	11.9	0.0	NA	NA	8444	<sup>H</sup> -71.9	0.0	H 733.3
1990       0.0       1 44       5.0       0.0       NA       NA       0.0       5.0       0.0       (6)       0.0       19.5       19.523.5       0.0       1966.3         1992       0.0       19.3       5.3       0.4       NA       NA       0.0       5.2       0.0       (8)       0.0       19.0       19.79.1       19.66.3       19.79.1       19.66.3       0.0       19.0       19.79.2       0.0       19.66.3       0.0       19.10       19.79.2       0.0       19.79.1       10.0       19.79.1       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.70.2       19.79.1       10.0       17.70.0       19.70.2       10.0       17.70.0       10.0       17.70.0       10.70.2       10.70.2       10.0       17.70.0       10.70.2       17.70.0<	1970	0.0	R 3.4	10.7	NA	NA	NA	NA	10.7	0.0	NA	NA	n 1/1 2	R -222 2	0.0	B 755 1
1990       0.0       1 44       5.0       0.0       NA       NA       0.0       5.0       0.0       (6)       0.0       19.5       19.523.5       0.0       1966.3         1992       0.0       19.3       5.3       0.4       NA       NA       0.0       5.2       0.0       (8)       0.0       19.0       19.79.1       19.66.3       19.79.1       19.66.3       0.0       19.0       19.79.2       0.0       19.66.3       0.0       19.10       19.79.2       0.0       19.79.1       10.0       19.79.1       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.70.2       19.79.1       10.0       17.70.0       19.70.2       10.0       17.70.0       10.0       17.70.0       10.70.2       10.70.2       10.0       17.70.0       10.70.2       17.70.0<	1972	0.0	H43	11.8	NA	NΔ	NA	NA	11.8	0.0	NA	NA	<sup>H</sup> 16.1	R -303.7	0.0	R 804.7
1990       0.0       1 44       5.0       0.0       NA       NA       0.0       5.0       0.0       (6)       0.0       19.5       19.523.5       0.0       1966.3         1992       0.0       19.3       5.3       0.4       NA       NA       0.0       5.2       0.0       (8)       0.0       19.0       19.79.1       19.66.3       19.79.1       19.66.3       0.0       19.0       19.79.2       0.0       19.66.3       0.0       19.10       19.79.2       0.0       19.79.1       10.0       19.79.1       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.70.2       19.79.1       10.0       17.70.0       19.70.2       10.0       17.70.0       10.0       17.70.0       10.70.2       10.70.2       10.0       17.70.0       10.70.2       17.70.0<	1973	0.0	H 4.0	12.0	NA	NA	NA	NA	12.0	0.0	NA	NA	H 16.0	H-374.7	0.0	H 821.7
1990       0.0       1 44       5.0       0.0       NA       NA       0.0       5.0       0.0       (6)       0.0       19.5       19.523.5       0.0       1966.3         1992       0.0       19.3       5.3       0.4       NA       NA       0.0       5.2       0.0       (8)       0.0       19.0       19.79.1       19.66.3       19.79.1       19.66.3       0.0       19.0       19.79.2       0.0       19.66.3       0.0       19.10       19.79.2       0.0       19.79.1       10.0       19.79.1       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.70.2       19.79.1       10.0       17.70.0       19.70.2       10.0       17.70.0       10.0       17.70.0       10.70.2       10.70.2       10.0       17.70.0       10.70.2       17.70.0<	1974	0.0	R 3.9	11.8		NA NA			11.8	0.0		NA NA	R 15.7	H _120 7	0.0	R 765 6
1990       0.0       1 44       5.0       0.0       NA       NA       0.0       5.0       0.0       (6)       0.0       19.5       19.523.5       0.0       1966.3         1992       0.0       19.3       5.3       0.4       NA       NA       0.0       5.2       0.0       (8)       0.0       19.0       19.79.1       19.66.3       19.79.1       19.66.3       0.0       19.0       19.79.2       0.0       19.66.3       0.0       19.10       19.79.2       0.0       19.79.1       10.0       19.79.1       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.70.2       19.79.1       10.0       17.70.0       19.70.2       10.0       17.70.0       10.0       17.70.0       10.70.2       10.70.2       10.0       17.70.0       10.70.2       17.70.0<	1976	0.0	B 3.5	14.1	NA	NA	NA	NA	14.1	0.0	NA	NA	B 17.6	H -460 7	0.0	R 802.9
1990       0.0       1 44       5.0       0.0       NA       NA       0.0       5.0       0.0       (6)       0.0       19.5       19.523.5       0.0       1966.3         1992       0.0       19.3       5.3       0.4       NA       NA       0.0       5.2       0.0       (8)       0.0       19.0       19.79.1       19.66.3       19.79.1       19.66.3       0.0       19.0       19.79.2       0.0       19.66.3       0.0       19.10       19.79.2       0.0       19.79.1       10.0       19.79.1       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.70.2       19.79.1       10.0       17.70.0       19.70.2       10.0       17.70.0       10.0       17.70.0       10.70.2       10.70.2       10.0       17.70.0       10.70.2       17.70.0<	1977		H 3.2	14.5		NA				0.0		NA	<sup>H</sup> 17.7	<sup>H</sup> -450.8	0.0	H 800.6
1990       0.0       1 44       5.0       0.0       NA       NA       0.0       5.0       0.0       (6)       0.0       19.5       19.523.5       0.0       1966.3         1992       0.0       19.3       5.3       0.4       NA       NA       0.0       5.2       0.0       (8)       0.0       19.0       19.79.1       19.66.3       19.79.1       19.66.3       0.0       19.0       19.79.2       0.0       19.66.3       0.0       19.10       19.79.2       0.0       19.79.1       10.0       19.79.1       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.70.2       19.79.1       10.0       17.70.0       19.70.2       10.0       17.70.0       10.0       17.70.0       10.70.2       10.70.2       10.0       17.70.0       10.70.2       17.70.0<	1978	0.0	R 4 2	17.7	NA NA	NA NA	NA NA	NA NA	17.7	0.0		NA NA	B 25 3	R -403.0	0.0	R 799.0
1990       0.0       1 44       5.0       0.0       NA       NA       0.0       5.0       0.0       (6)       0.0       19.5       19.523.5       0.0       1966.3         1992       0.0       19.3       5.3       0.4       NA       NA       0.0       5.2       0.0       (8)       0.0       19.0       19.79.1       19.66.3       19.79.1       19.66.3       0.0       19.0       19.79.2       0.0       19.66.3       0.0       19.10       19.79.2       0.0       19.79.1       10.0       19.79.1       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.70.2       19.79.1       10.0       17.70.0       19.70.2       10.0       17.70.0       10.0       17.70.0       10.70.2       10.70.2       10.0       17.70.0       10.70.2       17.70.0<	1980	0.0	R 3.8	11.9	NA	NA	NA	NA	11.9	0.0	NA	NA	P 15.7	R -474.9	0.0	R 763.8
1990       0.0       1 44       5.0       0.0       NA       NA       0.0       5.0       0.0       (6)       0.0       19.5       19.523.5       0.0       1966.3         1992       0.0       19.3       5.3       0.4       NA       NA       0.0       5.2       0.0       (8)       0.0       19.0       19.79.1       19.66.3       19.79.1       19.66.3       0.0       19.0       19.79.2       0.0       19.66.3       0.0       19.10       19.79.2       0.0       19.79.1       10.0       19.79.1       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.70.2       19.79.1       10.0       17.70.0       19.70.2       10.0       17.70.0       10.0       17.70.0       10.70.2       10.70.2       10.0       17.70.0       10.70.2       17.70.0<	1981		H 3.7		(s)	NA				0.0		NA	H 14.3	H -505.8	0.0	<sup>H</sup> 745.6
1990       0.0       1 44       5.0       0.0       NA       NA       0.0       5.0       0.0       (6)       0.0       19.5       19.523.5       0.0       1966.3         1992       0.0       19.3       5.3       0.4       NA       NA       0.0       5.2       0.0       (8)       0.0       19.0       19.79.1       19.66.3       19.79.1       19.66.3       0.0       19.0       19.79.2       0.0       19.66.3       0.0       19.10       19.79.2       0.0       19.79.1       10.0       19.79.1       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.79.1       10.0       17.70.0       19.70.2       19.79.1       10.0       17.70.0       19.70.2       10.0       17.70.0       10.0       17.70.0       10.70.2       10.70.2       10.0       17.70.0       10.70.2       17.70.0<	1982		- 3.8 B 3.8	14.1	0.0	NA	NA	0.0		0.0	NA	NA	B 15.5	<sup>n</sup> -468.1 B -506.4	0.0	B 653 5
1990       0.0       P44       5.0       0.0       NA       NA       0.0       5.0       0.0       (6)       0.0       P3.5       P3.53       0.0       P663         1982       0.0       P3.6       5.2       0.0       (6)       0.0       P1.0.0       P3.79.1       P663         1982       0.0       P3.6       S.3       0.4       NA       NA       0.0       5.7       0.0       (6)       0.0       P1.0.0       P3.79.1       0.0       P663       0.0       P1.0.0       P3.74.6       0.0       P7.79.1         1984       0.0       P4.1       7.1       0.1       NA       NA       0.0       7.2       0.0       (6)       0.0       P1.1.3       P.573.1       0.0       P702.8         1996       0.0       P3.9       5.9       (6)       NA       NA       0.0       5.9       0.0       (6)       0.0       P3.8       P642.2       0.0       P702.8         1997       0.0       P3.7       5.1       (6)       NA       NA       0.0       5.1       0.0       (6)       0.0       P4.8       P644.2       0.0       P729.9       1999       0.0       P3.6	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
1990       0.0       P44       5.0       0.0       NA       NA       0.0       5.0       0.0       (6)       0.0       P3.5       P3.53       0.0       P663         1982       0.0       P3.6       5.2       0.0       (6)       0.0       P1.0.0       P3.79.1       P663         1982       0.0       P3.6       S.3       0.4       NA       NA       0.0       5.7       0.0       (6)       0.0       P1.0.0       P3.79.1       0.0       P663       0.0       P1.0.0       P3.74.6       0.0       P7.79.1         1984       0.0       P4.1       7.1       0.1       NA       NA       0.0       7.2       0.0       (6)       0.0       P1.1.3       P.573.1       0.0       P702.8         1996       0.0       P3.9       5.9       (6)       NA       NA       0.0       5.9       0.0       (6)       0.0       P3.8       P642.2       0.0       P702.8         1997       0.0       P3.7       5.1       (6)       NA       NA       0.0       5.1       0.0       (6)       0.0       P4.8       P644.2       0.0       P729.9       1999       0.0       P3.6	1985	0.0	R 3.6			NA		0.0	14.0	0.0	0.0		<sup>R</sup> 17.6	<sup>R</sup> -566.6	0.0	R 642.2
1990       0.0       P44       5.0       0.0       NA       NA       0.0       5.0       0.0       (6)       0.0       P3.5       P3.53       0.0       P663         1982       0.0       P3.6       5.2       0.0       (6)       0.0       P1.0.0       P3.79.1       P663         1982       0.0       P3.6       S.3       0.4       NA       NA       0.0       5.7       0.0       (6)       0.0       P1.0.0       P3.79.1       0.0       P663       0.0       P1.0.0       P3.74.6       0.0       P7.79.1         1984       0.0       P4.1       7.1       0.1       NA       NA       0.0       7.2       0.0       (6)       0.0       P1.1.3       P.573.1       0.0       P702.8         1996       0.0       P3.9       5.9       (6)       NA       NA       0.0       5.9       0.0       (6)       0.0       P3.8       P642.2       0.0       P702.8         1997       0.0       P3.7       5.1       (6)       NA       NA       0.0       5.1       0.0       (6)       0.0       P4.8       P644.2       0.0       P729.9       1999       0.0       P3.6	1986	0.0	<sup>n</sup> 3.6 B 3 4	20.4	0.0	NA	NA	0.0	20.4	0.0	0.0	0.0	P 24.0 B 21 5	<sup>n</sup> -560.2 B -549.4	0.0	<sup>n</sup> 645.0 B 660 8
1990       0.0       P44       5.0       0.0       NA       NA       0.0       5.0       0.0       (6)       0.0       P3.5       P3.53       0.0       P663         1982       0.0       P3.6       5.2       0.0       (6)       0.0       P1.0.0       P3.79.1       P663         1982       0.0       P3.6       S.3       0.4       NA       NA       0.0       5.7       0.0       (6)       0.0       P1.0.0       P3.79.1       0.0       P663       0.0       P1.0.0       P3.74.6       0.0       P7.79.1         1984       0.0       P4.1       7.1       0.1       NA       NA       0.0       7.2       0.0       (6)       0.0       P1.1.3       P.573.1       0.0       P702.8         1996       0.0       P3.9       5.9       (6)       NA       NA       0.0       5.9       0.0       (6)       0.0       P3.8       P642.2       0.0       P702.8         1997       0.0       P3.7       5.1       (6)       NA       NA       0.0       5.1       0.0       (6)       0.0       P4.8       P644.2       0.0       P729.9       1999       0.0       P3.6	1988	0.0	B 3 4	18.8	0.0	NA	NA	0.0	18.8	0.0		0.0	R 22.2	R -562.5	0.0	R 707.8
1991       0.0       H3.6       5.2       0.0       NA       NA       0.0       5.2       0.0       (s)       0.0       H8.9       H.462.7       0.0       H663.3         1992       0.0       H3.8       6.9       0.2       NA       NA       0.0       7.2       0.0       (s)       0.0       H11.0       H.471.8       0.0       H702.4         1984       0.0       H3.9       H.462.7       0.0       (s)       0.0       H11.0       H.471.8       0.0       H702.4         1984       0.0       R.419       T.3       0.1       NA       NA       0.0       7.2       0.0       (s)       0.0       H11.0       H.471.8       0.0       H702.4         1997       0.0       R.39       F.51       (s)       NA       NA       0.0       5.9       0.0       (s)       0.0       R.972.5       1.0       R.725.5       1.0       R.725.5       1.0       R.725.5       R.739.5       1.0       R.725.5       R.739.5       1.0       R.725.5       R.725.5       R.739.5       1.0       R.725.5       R.725.5       R.739.5       1.0       R.725.5       R.739.5       1.0       R.725.5       R.755.7       R.75	1989	0.0	R 4 5	11.9	0.0	NA	NA	0.0	11.9	0.0	(s)	0.0	<sup>R</sup> _16.4		0.0	R 727.0
1933       0.0       H 38       6.9       0.2       NA       NA       0.0       7.2       0.0       (s)       0.0       H 11.0       H -534.6       0.0       H 702.4         1995       0.0       H 4.1       7.1       0.1       NA       NA       0.0       7.2       0.0       (s)       0.0       H 11.0       H -534.6       0.0       H 772.1         1995       0.0       H 4.1       7.1       0.1       NA       NA       0.0       7.2       0.0       (s)       0.0       H 11.0       H -534.6       0.0       H 772.1         1996       0.0       H 3.9       5.9       (s)       NA       NA       0.0       5.9       0.0       (s)       0.0       H 8.8       H -622.3       0.0       F 772.5         1998       0.0       H 3.2       4.8       0.4       (s)       NA       0.0       5.2       (s)       (s)       0.0       H 8.8       H -622.3       0.0       F 773.5         2000       0.0       H 3.2       4.8       0.4       (s)       NA       0.0       5.3       (s)       (s)       0.0       H 8.8       H -622.3       0.0       F 773.1       0.0       F	1990	0.0	<sup>n</sup> 4.4 B 2 6	5.0	0.0	NA	NA	0.0	5.0	0.0	(s)	0.0	<sup>n</sup> 9.5	<sup>n</sup> -523.5 B 462 7	0.0	D 696.1
1933       0.0       H 38       6.9       0.2       NA       NA       0.0       7.2       0.0       (s)       0.0       H 11.0       H -534.6       0.0       H 702.4         1995       0.0       H 4.1       7.1       0.1       NA       NA       0.0       7.2       0.0       (s)       0.0       H 11.0       H -534.6       0.0       H 772.1         1995       0.0       H 4.1       7.1       0.1       NA       NA       0.0       7.2       0.0       (s)       0.0       H 11.0       H -534.6       0.0       H 772.1         1996       0.0       H 3.9       5.9       (s)       NA       NA       0.0       5.9       0.0       (s)       0.0       H 8.8       H -622.3       0.0       F 772.5         1998       0.0       H 3.2       4.8       0.4       (s)       NA       0.0       5.2       (s)       (s)       0.0       H 8.8       H -622.3       0.0       F 773.5         2000       0.0       H 3.2       4.8       0.4       (s)       NA       0.0       5.3       (s)       (s)       0.0       H 8.8       H -622.3       0.0       F 773.1       0.0       F	1991	0.0	R 4.3	5.3	0.4	NA	NA	0.0	57	0.0		0.0	B 10.0	R -479.2	0.0	R 679.1
1994       0.0       n.9.3       6.8       0.2       NA       NA       0.0       7.0       0.0       (s)       0.0       n.10       n.3346       0.0       n.721.1         1995       0.0       R.9.3       7.3       (s)       NA       NA       0.0       7.2       0.0       (s)       0.0       n.11.3       n.516.0       0.0       n.723.1       0.0       (s)       0.0       n.722.2       0.0       (s)       0.0       n.723.2       0.0       (s)       0.0       n.723.2       0.0       n.723.2       0.0       (s)       0.0       n.723.2       0.0       0.0	1993	0.0	R 3.8	6.9	0.2	NA	NA	0.0	7.2	0.0	(s)	0.0	B 11 0	<sup>R</sup> -471.8	0.0	R 702.4
1332       0.0       R 1.0       1.1       0.1       NA       NA       0.0       1.2       0.0       R 1.02       R 1.02 <thr 1.02<="" th=""> <thr 1.02<="" th=""> <thr 1.02<="" th="">       R</thr></thr></thr>	1994	0.0	н 3.9 В 4 1	6.8	0.2	NA	NA	0.0	7.0	0.0		0.0	P 11.0	8 5160	0.0	<sup>n</sup> 729.0 B 721.1
1997       0.0       P3.9       5.9       6)       NA       NA       0.0       5.9       0.0       6)       0.0       P3.9       P.61.2       0.0       P702.5         1998       0.0       P3.2       5.2       (s)       NA       NA       0.0       5.1       0.0       (s)       0.0       P.8.5       P.639.8       0.0       P.713.5         2000       0.0       P3.2       5.2       (s)       NA       NA       0.0       5.2       (s)       0.0       P.8.5       P.639.8       0.0       P.713.5         2001       0.0       P3.2       4.8       0.4       (s)       NA       0.0       5.3       (s)       0.0       P.8.6       P.619.4       0.0       P.732.4         2002       0.0       P.3.6       4.2       1.1       (s)       NA       0.0       5.3       (s)       0.0       P.8.6       P.619.4       0.0       P.722.5         2003       0.0       P.4.6       4.3       1.4       (s)       NA       0.0       5.9       (s)       (s)       P.6.6       P.11.0       P.570.3       0.0       P.725.5         2004       0.0       P.4.5       4.4	1996	0.0	R 4.9	7.1		NA		0.0	7.2	0.0			R 12.2	R -573.1	0.0	R 702.8
1998       0.0       P3.7       5.1       (s)       NA       NA       0.0       5.1       0.0       (s)       0.0       P3.2       5.2       (s)       NA       NA       0.0       5.6       (s)       0.0       P3.8       P-622.3       0.0       P713.5         2000       0.0       P3.8       6.6       (s)       NA       NA       0.0       5.6       (s)       0.0       P.8.6       P-619.4       0.0       P713.5         2001       0.0       P3.6       4.2       1.1       (s)       NA       0.0       5.3       (s)       (s)       0.0       P.8.6       P-619.4       0.0       P.76.5         2002       0.0       P4.6       4.4       1.5       (s)       NA       0.0       5.7       (s)       (s)       P.0.6       P10.6       P.10.6       P.10.6       P.203.0       0.0       P.728.5         2006       0.0       P.4.3       10.9       0.5       (s)       NA       0.0       12.7       (s)       (s)       P.0.6       P.17.7       P.566.3       0.0       P.724.5         2006       0.0       P.4.3       10.9       0.5       0.1       NA       (s)	1997	0.0	R 3.9	5.9	(s)	NA	NA	0.0	5.9	0.0	(s)	0.0	R 9.9	<sup>R</sup> -614.2	0.0	R 702.5
1399       0.0       R32       3.2       (s)       NA       NA       NA       0.0       3.2       (s)       (s)       0.0       R6.3       R6.38.6       0.0       R7.38.7         2000       0.0       R3.2       4.8       0.4       (s)       NA       0.0       5.6       (s)       (s)       0.0       R6.6       R-6119.4       0.0       R732.4         2001       0.0       R3.6       4.2       1.1       (s)       NA       0.0       5.3       (s)       (s)       0.0       R6.6       R-6119.4       0.0       R732.4         2002       0.0       R4.6       4.3       1.4       (s)       NA       0.0       5.3       (s)       (s)       R6.6       R-11.0       R-6319.4       0.0       R751.1         2003       0.0       R4.6       4.3       1.4       (s)       NA       0.0       5.7       (s)       (s)       R6.6       R-11.0       R-6319.6       0.0       R751.1         2004       0.0       R4.9       12.3       0.4       (s)       NA       0.0       11.7       (s)       (s)       R0.5       R11.0       R-649.0       0.0       R774.4       R774.4	1998	0.0	H 3.7	5.1	(s)	NA	NA	0.0	5.1			0.0	H 8.8	H -622.3	0.0	H 729.9
2001         0.0         R 3.2         4.8         0.4         (c)         NA         0.0         5.3         (c)         (c)         NA         0.0         5.3         (c)         (c)         NA         0.0         5.3         (c)         (c)         R 66         R 1.0         R 656         0.0         R 751.1         0.0         R 726.5           2002         0.0         R 4.6         4.3         1.4         (s)         NA         0.0         5.7         (s)         R 66         R 11.0         R 635.6         0.0         R 751.3           2004         0.0         R 4.5         4.4         1.5         (s)         NA         0.0         5.7         (s)         (s)         R 6.6         R 11.0         R 631.0         0.0         R 728.5           2005         0.0         R 4.4         1.9         0.5         0.1         NA         0.0         12.7         (s)         (s)         R 6.6         R 17.5         R 603.0         0.0         R 776.4           2006         0.0         R 4.3         1.0         0.4         0.1         NA         (s)         17.4         (s)         (s)         R 1.3         R 23.0         R 576.3         0.0	2000	0.0	R 3.9	5.2 5.6	(S)	NA	NA	0.0	5.6	(S)		0.0	R 9.6	R -619.4	0.0	R 732.4
2002       0.0       H 3.6       4.2       1.1       (s)       NA       0.0       5.3       (s)       (s)       H (s)       H 9.0       H 6.65.6       0.0       H 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       5.7       (s)       (s)       R 0.5       R 11.0       R -579.3       0.0       R 705.3         2005       0.0       R 5.4       10.9       0.5       0.1       NA       0.0       112.7       (s)       (s)       R 0.6       R 17.7       R -578.3       0.0       R 731.1         2006       0.0       R 4.3       11.0       0.8       0.1       NA       (s)       112.8       (s)       (s)       R 16.3       R 17.7       R -576.3       0.0       R 770.4         2008       0.0       R 4.7       23.4       6.2       0.1       NA       0.0       29.6       (s)       (s)       R 16.3       R 37.4       R 468.0       0.0       R 770.4	2001	0.0	R 3.2	4.8	0.4		NA	0.0	5.3	(s)	(s)	0.0	H 8.6	R -517.1	0.0	R 726.5
2003       0.0       F4.6       4.3       1.4       (S)       NA       0.0       5.7       (S)       (S)       F0.5       F11.0       F-579.3       0.0       F705.3         2004       0.0       F4.5       4.4       1.5       (S)       NA       0.0       5.7       (S)       (S)       F0.5       F11.0       F-579.3       0.0       F705.3         2005       0.0       F4.5       10.9       0.5       0.1       NA       0.0       12.7       (S)       (S)       F0.6       F17.5       F-585.0       0.0       F731.1         2006       0.0       F4.3       11.9       0.8       0.1       NA       (S)       12.8       (S)       (S)       F0.6       F17.7       F-56.3       0.0       F745.5         2008       0.0       F4.3       13.0       4.3       0.1       NA       (S)       27.5       (S)       (S)       F3.3       F23.0       F3.67.6       7.68.0       0.0       F743.4         2010       0.0       F5.0       22.3       6.1       0.2       0.0       0.0       28.6       (S)       0.1       F3.4       F.468.0       0.0       F743.4         20	2002	0.0	H 3.6	4.2		(s)	NA	0.0	5.3	(s)		H (s)	H 9.0	H -635.6	0.0	H 751.1
2005         0.0         R 4.9         12.3         0.4         0.6         12.0         0.0         12.0         0.0         12.0         0.0         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 734.1           2007         0.0         R 4.3         11.9         0.8         0.1         NA         (s)         12.8         (s)         (s)         R 0.6         R 17.5         R 585.0         0.0         R 784.5           2008         0.0         R 4.3         13.0         4.3         0.1         NA         (s)         27.5         (s)         (s)         R 13.3         R 23.0         R 549.5         0.0         R 784.5           2010         0.0         R 4.7         23.4         6.2         0.1         NA         (s)         27.5         (s)         (s)         R 32.5         R 35.7         R 391.8         0.0         R 696.9           2011         0.0         R 4.7         23.4         6.2         0.1         NA	2003	0.0	R 4.6	4.3	1.4	(S)	NA	0.0	5.7	(S) (S)		R 0.5	H 11 0	R -579 3	0.0	R 728.5
2006       0.0       H5.4       10.9       0.5       0.1       NA       0.0       11.5       (s)       (s)       H0.6       H7.5       H-585.0       0.0       H754.1         2007       0.0       R4.3       11.9       0.8       0.1       NA       (s)       12.8       (s)       (s)       R0.6       H7.7       H-585.0       0.0       H764.5         2008       0.0       R5.6       21.7       5.8       0.1       NA       (s)       17.4       (s)       (s)       R1.3       R23.0       R-549.5       0.0       R770.4         2010       0.0       R5.6       21.7       5.8       0.1       NA       (s)       27.5       (s)       (s)       R2.5       R3.7       R-391.8       0.0       R649.5         2011       0.0       R5.0       22.3       6.1       0.2       0.0       0.0       28.6       (s)       0.1       R3.8       R37.4       R-468.0       0.0       R724.2         2012       0.0       R5.9       23.9       6.3       0.2       0.0       0.0       231.1       (s)       0.1       R4.4       R44.4       R44.48       0.0       R740.3	2005	0.0	R 4.9	12.3	0.4	(s)	NA	0.0	12.7	(s)	(s)	R 0.5	<sup>R</sup> 18.2	R -603.0	0.0	R 731.1
2007       0.0       1.4.3       11.9       0.6       0.1       NA       (s)       12.6       (s)       (s)       10.6       17.1.7       1.7.97.6.3       0.0       1764.3         2008       0.0       R.5.6       21.7       5.8       0.1       NA       (s)       17.4       (s)       (s)       R.1.3       R.2.0       R.549.5       0.0       R.770.4         2009       0.0       R.5.6       21.7       5.8       0.1       NA       (s)       17.4       (s)       (s)       R.1.3       R.2.0       R.549.5       0.0       R.770.4         2010       0.0       R.4.7       R.3.4       6.2       0.1       NA       (s)       27.5       (s)       (s)       R.3.2       R.57       R.391.8       0.0       R.648.0       0.0       R.770.4         2011       0.0       R.5.0       22.3       6.1       0.2       0.0       0.0       28.6       (s)       0.1       R.44       R.465.5       0.0       R.729.2         2012       0.0       R.4.9       18.9       0.3       0.9       0.0       0.0       31.1       (s)       0.1       R.4.4       R.440.8       R.400.8       0.0       <	2006	0.0	H 5.4	10.9	0.5	0.1	NA	0.0	11.5	(s)		H 0.6	H 17.5	H -585.0	0.0	H 754.1
2000         0.0         R.5.6         21.7         5.8         0.1         NA         (s)         27.5         (s)         (s)         R.5.7         R.391.8         0.0         R666.9           2010         0.0         R.4.7         23.4         6.2         0.1         NA         0.0         29.6         (s)         (s)         R3.2         R3.6         R.468.0         0.0         R743.4           2011         0.0         R5.0         22.3         6.1         0.2         0.0         0.0         28.6         (s)         0.1         R3.8         R3.4         R.465.5         0.0         R729.2           2012         0.0         R5.9         23.9         6.3         0.2         0.0         0.0         25.4         (s)         0.1         R4.4         R34.8         R-404.8         0.0         R721.2           2013         0.0         R5.9         23.9         6.3         0.9         0.0         0.3         31.1         (s)         0.1         R4.7         R41.9         R-420.9         0.0         R71.2           2014         0.0         R4.7         12.1         6.2         0.9         0.0         0.0         19.2         (s)			R 4.3							(S) (S)		R 1 3	B 23.0	R -549 5		R 770 4
2010       0.0       H4.7       23.4       6.2       0.1       NA       0.0       29.6       (s)       H3.2       H3.6       H-468.0       0.0       H743.4         2011       0.0       R5.0       22.3       6.1       0.2       0.0       0.0       28.6       (s)       0.1       R3.8       R37.4       R-455.5       0.0       R729.2         2012       0.0       R4.9       18.9       6.3       0.2       0.0       0.0       28.6       (s)       0.1       R4.4       R44.8       R.404.8       0.0       R729.2         2013       0.0       R5.9       23.9       6.3       0.9       0.0       0.0       31.1       (s)       0.1       R4.7       H4.9       R-404.8       0.0       R771.9         2014       0.0       R4.7       12.1       6.2       0.9       0.0       0.0       19.2       (s)       0.1       R4.7       R4.7       R4.7       0.0       R74.3         2015       0.0       R4.7       12.1       6.2       0.9       0.0       0.0       19.2       (s)       0.1       R4.7       R48.7       R-488.5       0.0       R74.58         2016	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
2011       0.0       15.0       22.3       6.1       0.2       0.0       0.0       28.6       (s)       0.1       17.88       17.4       17.49.5       0.0       17.29.2         2012       0.0       R4.9       18.9       6.3       0.2       0.0       0.0       25.4       (s)       0.1       17.44       17.49.5       0.0       17.29.2         2013       0.0       R5.9       23.9       6.3       0.9       0.0       0.0       31.1       (s)       0.1       17.44       17.49.8       17.49.9       17.420.9       0.0       17.49.2         2014       0.0       R4.2       24.3       6.3       0.8       0.0       0.0       31.4       (s)       0.1       17.47.7       17.41.9       17.420.9       0.0       17.79.9         2015       0.0       R4.7       12.1       6.2       0.9       0.0       0.0       19.2       (s)       0.1       17.47.7       17.48.5       0.0       17.79.9         2016       0.0       R5.6       11.2       6.4       1.8       0.0       0.0       19.4       (s)       0.1       17.49.9       17.47.7       20.1       17.5       18.00.7       18.47.17	2010		H 4.7	23.4	6.2	0.1	NA	0.0	29.6	(s)	(s)	H 3.2	H 37.6	<sup>H</sup> -468.0		H 743.4
2012       0.0       R5.9       23.9       6.3       0.9       0.0       0.0       31.1       (s)       0.1       R4.7       R41.9       R420.9       0.0       R740.3         2014       0.0       R4.2       24.3       6.3       0.8       0.0       0.0       31.4       (s)       0.1       R4.7       R41.9       R420.9       0.0       R740.3         2014       0.0       R4.2       24.3       6.3       0.8       0.0       0.0       31.4       (s)       0.1       R5.0       R40.7       R458.5       0.0       R771.9         2015       0.0       R4.7       12.1       6.2       0.9       0.0       0.0       19.2       (s)       0.1       R4.7       R40.7       R458.5       0.0       R758.6         2016       0.0       R5.6       11.2       6.4       1.8       0.0       0.0       19.4       (s)       0.1       R4.7       R40.7       R458.5       0.0       R758.6         2017       0.0       R5.7       10.7       6.4       1.9       0.0       0.0       19.4       (s)       0.1       R5.7       R30.5       R-389.7       (s)       R741.7 <t< td=""><td>2011</td><td></td><td>115.0 R 4 9</td><td>22.3</td><td>6.1</td><td>0.2</td><td>0.0</td><td>0.0</td><td>28.6</td><td>(S) (S)</td><td></td><td>R 4 4</td><td>R 37.4</td><td>R -455.5</td><td></td><td>R 721.2</td></t<>	2011		115.0 R 4 9	22.3	6.1	0.2	0.0	0.0	28.6	(S) (S)		R 4 4	R 37.4	R -455.5		R 721.2
2014       0.0       R4.2       24.3       6.3       0.8       0.0       0.0       31.4       (s)       0.1       R5.0       R40.7       R-458.5       0.0       R771.9         2015       0.0       R4.7       12.1       6.2       0.9       0.0       0.0       19.2       (s)       0.1       R4.7       R28.7       R-381.7       0.0       R758.8         2016       0.0       R5.6       11.2       6.4       1.8       0.0       0.0       19.4       (s)       0.1       R4.7       R28.7       R-381.7       0.0       R758.8         2017       0.0       R5.7       10.7       6.4       1.9       0.0       0.0       19.0       (s)       0.1       R4.7       R30.0       R-417.9       0.0       R751.8         2018       0.0       R6.3       12.3       6.9       1.2       0.0       0.0       20.5       (s)       0.1       R5.6       R31.3       R-284.4       0.6       R417.7         2018       0.0       R6.3       12.3       6.9       0.9       0.0       0.0       19.8       (s)       R0.1       R5.6       R31.3       R-284.4       0.0       R416.5       2020	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
2015       0.0       P4.7       12.1       6.2       0.9       0.0       0.0       19.2       (s)       0.1       P4.7       P28.7       P-381.7       0.0       P/58.6         2016       0.0       R5.6       11.2       6.4       1.8       0.0       0.0       19.4       (s)       0.1       P4.7       P28.7       P-381.7       0.0       P/58.6         2017       0.0       R5.7       10.7       6.4       1.9       0.0       0.0       19.0       (s)       0.1       P4.9       P30.0       R-417.9       0.0       P/58.6         2017       0.0       R6.3       12.3       6.9       1.2       0.0       0.0       19.0       (s)       0.1       P4.7       P30.5       R-389.7       (s)       P741.7         2018       0.0       P6.3       12.3       6.9       1.2       0.0       0.0       20.5       (s)       0.1       P5.6       P33.0       R-315.9       (s)       P741.7         2019       0.0       R5.8       12.1       6.9       0.9       0.0       0.0       P38.5       (s)       P0.1       P5.6       P31.3       R-284.4       0.0       P816.5       2020	2014		R 4.2	24.3	6.3	0.8	0.0	0.0	31.4	(s)		850	R 40 7	R -458.5		R 771.9
2017         0.0         R5.7         10.7         6.4         1.9         0.0         19.4         (5)         0.1         R5.7         R30.5         R-389.7         (6)         R741.7           2018         0.0         R6.3         12.3         6.9         1.2         0.0         0.0         19.0         (s)         0.1         R5.7         R30.5         R-389.7         (s)         R741.7           2018         0.0         R6.3         12.3         6.9         1.2         0.0         0.0         205         (s)         0.1         R6.0         R33.0         R-389.7         (s)         R816.9           2019         0.0         R5.8         12.1         6.9         0.9         0.0         1.9.8         (s)         R0.1         R5.6         R31.3         R-284.4         0.0         R816.9           2020         0.0         R5.4         R6.9         5.8         0.8         0.0         0.0         R15.5         (s)         R0.1         R5.6         R31.3         R-284.4         0.0         R478.3           2020         0.0         R5.4         R6.9         5.8         0.8         0.0         0.0         R15.5         (s)         R0	2015		п 4.7 В 5 6	12.1						(S)		Π 4.7 Β 4 ο	P 28.7	B 4170		758.6 B 751 8
2018       0.0       R6.3       12.3       6.9       1.2       0.0       0.0       20.5       (s)       0.1       R6.0       R33.0       R-315.9       (s)       R816.9         2019       0.0       R5.8       12.1       6.9       0.9       0.0       0.0       19.8       (s)       R0.1       R5.6       R31.3       R-284.4       0.0       R816.9         2020       0.0       R5.4       R8.9       5.8       0.8       0.0       0.0       R15.5       (s)       R0.1       R5.6       R31.3       R-284.4       0.0       R816.9         2020       0.0       R5.4       R8.9       5.8       0.8       0.0       0.0       R15.5       (s)       R0.1       R5.6       R27.5       R-223.0       0.0       R787.3         2021       0.0       R5.8       R9.7       6.6       0.8       0.0       0.0       R17.1       (s)       R0.1       R5.5       R28.6       R-306.1       0.0       R5837.6         2022       0.0       R5.8       R9.7       6.6       0.6       0.0       0.0       R17.1       (s)       R0.1       R5.5       R28.6       R-306.1       0.0       R56      <	2017		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		R 741.7
2019         0.0         15.8         12.1         6.9         0.9         0.0         0.0         19.8         (s)         10.1         15.6         131.3         1-284.4         0.0         1816.5           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 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 5.5         R 22.5         R -284.4         0.0         R 87.6           2020         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           2020         0.0         R 5.4         0.6         0.0         0.0         R 17.1         (s)         R 0.1         R 5.5         R 28.6         R-306.1         0.0         R 97.6           2002         0.0         R 17.1         (s)         R 0.2         R 92.6         R 30.6.1         0.0         R 97	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
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	2019		п 5.8 В 5 4	12.1 R 8 0	6.9	0.9	0.0	0.0	19.8 B 15 5	(s)	P 0.1 B 0 1	<sup>п</sup> 5.6 В 6 5	п 31.3 В 27 Б	<sup>n</sup> -284.4 R -223 0		<sup>n</sup> 816.5 B 787 3
	2020		R 5.8	R 9.7		0.8		0.0	R 17.1	(s)	R 0.1	R 5.5	R 28.6	R -306.1		R 837.6
2022 U.U 3.0 IU.O 0.4 U.O U.U U.U I7.0 (S) U.2 0.0 3U.5 -218.8 U.U 835.5	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

<sup>e</sup> Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be

separately identified. <sup>1</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

 <sup>9</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
 <sup>h</sup> 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. Losses and co-products from the production of biodiesel and fuel ethanol.

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. I 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/

W

Ε S

V

R G

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

						Petroleum					Bion	nass						
	Coal	Natural gas <sup>a</sup>	Distillate fuel oil <sup>b</sup>	HGL °	Jet fuel <sup>d</sup>	Motor gasoline <sup>e</sup>	Residual fuel oil	Other <sup>f</sup>	Total	Hydro- electric power <sup>g,h</sup>					Electricity <sup> </sup>		Electrical	
Year	Thousand short tons	Billion cubic feet			1	Fhousand barrels	6			Million kilowatt- hours	Wood and waste <sup>h,i</sup>	Losses and co- products <sup>j</sup>	Geo- thermal <sup>h</sup>	Solar <sup>h,k</sup>	Million kilowatt- hours	End use <sup>h,m</sup>	system energy losses <sup>n</sup>	Total <sup>h,m</sup>
1960 1970	8,179 10,487	149 181	2,472 3,914	558 1,230	169 290	11,609 15,831	1,448 1,635	6,574 4,883	22,830 27,784	540 558					-,			
1980	6,440	143	9,862	3,435	353	19,390	1,463	5,188	39,692	690								
1990	5,023	120	10,230	1,612	273	19,643	1,268	4,566	37,591	610								
2000	3,268	147	12,090	1,578	189	19,424	293	3,910	37,484	453					21,000			
2005	2,431	115	14,057	1,048	238	20,203	440	5,973	41,960	556					00,102			
2006	2,225	109	14,716	1,491	231	20,326	336	6,064	43,165	524					,			
2007 2008	2,652 2,493	112 110	14,420 14,216	1,176 1,307	236 227	20,217 18,569	999 606	5,911 6,278	42,960 41,202	449 427					01,101			
2009	1,848	109	12,287	1,165	198	20,042	86	2,720	36,499	619								
2010	2,491	112	12,964	3,755	234	20,460	39	2,281	39,734	498								-
2011	2,475	113	12,881	3,691	252	19,483	45	2,493	38,844	559					01,200			-
2012	1,893	127	12,576	3,583	245	19,051	231	2,297	37,983	547								
2013	1,757	139	12,942	4,053	209	18,791	166	2,221	38,383	659					01,100			
2014 2015	1,678 1,526	159 161	12,464 11,649	3,660 3,627	197 219	19,454 19,269	72 99	2,100 2,493	37,947 37,355	529 553					,			
2016	1,100	162	13,130	3,427	213	19,691	55	R 2,755	R 39,284	496								
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	<sup>R</sup> 2,263	<sup>R</sup> 42,426	688					00,047			-
2019	1,010	_ 205	14,596	3,809	208	19,862	17	R 2,439	<sup>R</sup> 40,931	563					00,247			-
2020	960	R 222 R 236	12,203	3,774	159	16,838	4	R 2,299	R 35,277	565					02,011			-
2021 2022	1,130 414	236	R 14,599 14,696	3,765 3,920	171 174	19,015 18,319	7 7	R 2,429 2,424	R 39,987 39,540	516 526					- , -			-
		210	1,000	0,020		10,010		2, 12 1	Trillion						02,000			
1960	213.9	154.6	14.4	2.1	0.9	61.0	9.1	39.0	126.5	<sup>R</sup> 1.8	13.4	NA	NA	NA	29.9	<sup>R</sup> 540.1	<sup>R</sup> 60.3	R 600
1970	265.2	185.8	22.8	4.5	1.6	83.2	10.3	29.3	151.7	<sup>R</sup> 1.9	10.7	NA		NA		<sup>R</sup> 667.0	R 105.7	R 772
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		R 612.6	R 151.2	R 763
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		(s)		<sup>R</sup> 549.2 <sup>R</sup> 549.5	<sup>H</sup> 146.9	R 696
2000 2005	86.6 61.6	157.4 122.6	70.4 81.8	5.8 3.9	1.1	101.0 104.9	1.8	23.8 34.9	203.9 229.7	<sup>R</sup> 1.5 <sup>R</sup> 1.9	5.4 12.3	0.0		(s)		R 531.0	<sup>R</sup> 183.0 <sup>R</sup> 200.1	R 732 R 73
2005	56.6	122.6	85.4	5.6	1.4 1.3	104.9	2.8 2.1	34.9	229.7	R 1.8	12.3	0.0		(s) (s)			R 216.4	R 75
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)		R 552.5	R 232.1	R 78
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)		<sup>R</sup> 537.4	<sup>R</sup> 233.1	R 770
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 69
2010	63.8	120.2	74.9	14.4	1.3	103.7	0.2	14.4	208.9	<sup>R</sup> 1.7	23.4	0.0		(s)		R 527.4	R 216.3	R 74
2011	63.3	122.3	74.3	14.2	1.4	98.6	0.3	15.8	204.7	<sup>R</sup> 1.9 <sup>R</sup> 1.9	22.2	0.0		0.1		<sup>R</sup> 521.0 <sup>R</sup> 514.4	<sup>R</sup> 208.8 <sup>R</sup> 207.5	R 729 R 721
2012 2013	50.7 46.6	137.7 149.9	72.5 74.6	13.7 15.6	1.4 1.2	96.4 95.1	1.5 1.0	14.6 13.9	200.1 201.4	<sup>11</sup> 1.9 R 2.2	18.8 23.9	0.0 0.0		0.1 0.1	105.1 107.1	<sup>H</sup> 514.4 <sup>R</sup> 531.3	R 207.5	R 740
2013	40.0	173.2	74.6	15.0	1.2	98.4	0.5	13.9	199.0	R 1.8	23.9	0.0		0.1		R 554.7	R 217.6	R 772
2015	41.0	176.9	67.1	13.9	1.2	97.4	0.6	15.7	196.0	<sup>R</sup> 1.9	12.0	0.0		0.1			R 221.1	R 759
2016	30.6	177.6	75.6	13.1	1.3	99.5	0.3	17.5	207.4	<sup>R</sup> 1.7	11.2			0.1	109.4	<sup>R</sup> 538.0	<sup>R</sup> 214.9	R 75
2017	26.3	188.1	75.3	12.9	1.3	96.5	0.0	R 12.8	R 198.8	<sup>R</sup> 1.8	10.7	0.0		0.1	108.2	R 534.1	R 208.2	R 742
	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		0.1	114.8	R 592.6	R 225.9	R 81
2018	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 <sup>R</sup> 8.8	0.0		<sup>R</sup> 0.1 <sup>R</sup> 0.1	113.4	<sup>R</sup> 593.8 <sup>R</sup> 574.2	R 224.0	<sup>R</sup> 81 <sup>R</sup> 78
2019																		
	26.8 31.0	<sup>R</sup> 241.8 <sup>R</sup> 256.1	70.2 <sup>R</sup> 84.2	14.5 14.4	0.9 1.0	85.1 96.0	(s) (s)	<sup>R</sup> 14.6 <sup>R</sup> 15.3	<sup>R</sup> 185.3 <sup>R</sup> 211.0	<sup>R</sup> 1.9 <sup>R</sup> 1.8	R 9.7	0.0		R 0.1	109.4 111.8	R 621.5	<sup>R</sup> 214.4 <sup>R</sup> 216.9	R 838

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.

<sup>b</sup> 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.

<sup>c</sup> Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

<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 "Other petroleum."

e Beginning in 1993, includes fuel ethanol blended into motor gasoline.

<sup>f</sup> Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.

<sup>9</sup> Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.

<sup>h</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

<sup>1</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

<sup>j</sup> Losses and co-products from the production of biodiesel and fuel ethanol.

k Solar thermal and photovoltaic energy.

<sup>1</sup> Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

<sup>m</sup> 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.

<sup>n</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. 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/

Coal <sup>a</sup> Natural gas <sup>b</sup> Distillate fuel oil         HGL <sup>c</sup> Kerosene         Total           Year         Thousand short tons         Billion cubic feet         Thousand barrels         Thousand barrels           1960         144         50         204         217         148         566           1965         138         50         304         269         184         755           1970         107         58         250         254         267         777           1975         71         51         581         317         172         1,07           1980         33         48         1,169         379         408         1,95           1985         18         37         516         215         390         1,12           1990         36         33         682         399         210         1,29           1995         8         35         496         398         287         1,18           2000         24         32         524         720         340         1,58	6 2 0 6 2	Geothermal <sup>e</sup>	Solar <sup>e,f</sup> 	Electricity <sup>g</sup> Million kilowatthours	End use <sup>e,h</sup>	Electrical system energy losses <sup>i</sup>	Total <sup>e,h</sup>
Year         short tons         cubic feet         Thousand barrels           1960         144         50         204         217         148         566           1965         138         50         304         269         184         756           1970         107         58         250         254         267         777           1975         71         51         581         317         172         1,07	B 6 2 0 6 2			kilowatthours	1	energy	Total <sup>e,h</sup>
1975 71 51 581 317 172 1,074	6 2 0 6 2			1.714			
1975 71 51 581 317 172 1,070	6 2 0 6 2						
1975 71 51 581 317 172 1,070	0 6 2			2,365			
1975 71 51 581 317 172 1,074	6 – – 2 – –			3,459			
1980         33         48         1,169         379         408         1,95           1985         18         37         516         215         390         1,12           1990         36         33         682         399         210         1.29	6 – – 2 – –			4,979			
1985 18 37 516 215 390 1,12 1990 36 33 682 399 210 1.29	2			6,606 6,712			
1990 30 33 002 399 210 1.29				7,578			
1995 8 35 496 398 287 1,18				9,166			
2000 24 32 524 720 340 1,58				9,738			
2005 6 30 382 677 250 1,30	8			11 384			
2006 2 26 380 872 188 1,44	1 ––			11.014			
2007 7 27 330 743 123 1.19	6			11,384 11,014 11,749			
2008 0 28 340 847 47 1.23				11,763 11,588 12,443			
2009 0 26 234 812 68 1,11 2010 0 27 276 844 67 1,18	4			11,588			
2010 0 27 276 844 67 1,18				12,443			
2011         0         25         241         794         33         1,06           2012         0         23         190         672         16         87	B			11,746			
2012 0 23 190 672 16 87				11,195			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1			11,582			
2014 0 28 239 713 36 98 2015 0 25 290 790 26 1,10				11,991 11,437			
2015 0 25 290 790 20 1,10 2016 0 23 269 584 37 88	9			11,437			
2017 0 22 200 511 20 73	0			11,376 10,573			
2018 0 26 246 643 21 91	1			11,679			
2019 0 24 276 753 25 1.05	4			11,153			
2019         0         24         276         753         25         1,05           2020         0         23         254         940         25         1,21	9			10,877			
2021 0 24 241 756 25 <sup>H</sup> 1.02	1			11.051			
2022 0 25 251 765 23 1,03	9			11,137			
	Trillion Btu						
1960         3.6         51.4         1.2         0.8         0.8         2.1           1965         3.4         53.2         1.8         1.0         1.0         3.1           1970         2.6         59.7         1.5         1.0         1.5         4.1	9 8.3	NA	NA	5.8	72.1	<sup>R</sup> 11.8	R 83.9
1965 3.4 53.2 1.8 1.0 1.0 3. 1970 2.6 59.7 1.5 1.0 1.5 4.	9 8.3 8 6.4 0 5.7	NA	NA	8.1	74.9 83.7	R 15.9 R 24.2 R 34.7 R 47.9 R 46.5	<sup>R</sup> 90.8 <sup>R</sup> 107.9
1970 2.6 59.7 1.5 1.0 1.5 4.	0 5.7	NA	NA	11.8	83.7	H 24.2	H 107.9
<u>1975</u> <u>1.7</u> <u>53.2</u> <u>3.4</u> <u>1.2</u> <u>1.0</u> <u>5.</u>	6 6.0	NA	NA	17.0	83.5	34.7	R 118.2 R 139.2 R 124.1
1980         0.8         49.8         6.8         1.5         2.3         10.1           1985         0.4         39.2         3.0         0.8         2.2         6.1	6 7.5	NA	NA	22.5	91.2	H 47.9	P 139.2
1985         0.4         39.2         3.0         0.8         2.2         6.1           1990         0.9         34.9         4.0         1.5         1.2         6.1	0 8.9	NA	NA	22.9	77.5	H 46.5	B 110.0
1990         0.9         34.9         4.0         1.5         1.2         6.           1995         0.2         37.5         2.9         1.5         1.6         6.4	7 3.2 0 4.6	0.0 0.0	(S)	25.9 31.3	71.6 79.8	R 60 0	B 140 7
2000 0.6 33.8 3.1 2.8 1.9 7.	7 3.4	(s)	(S)	33.2	78.8	R 48.1 R 60.9 R 64.3 R 75.5 R 73.8 R 79.8	R 119.8 R 140.7 R 143.2
2000         0.6         33.8         3.1         2.8         1.9         7.           2005         0.2         31.8         2.2         2.6         1.4         6.3	2 9.3	(5)	(5)	38.8	86.4	R 75.5	R 161.9 R 155.5 R 163.2
2005         0.2         31.8         2.2         2.6         1.4         6.           2006         0.1         29.2         2.2         3.4         1.1         6.1	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	<sup>R</sup> 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 165.5 R 170.8 R 180.0 R 169.1 R 157.3 R 157.3
2010         0.0         29.1         1.6         3.2         0.4         5.2           2011         0.0         27.2         1.4         3.0         0.2         4.4	2 19.2	(s)	_ (s)	42.5	96.0	H 84.0	H 180.0
2011         0.0         27.2         1.4         3.0         0.2         4.1           2012         0.0         24.4         1.1         2.6         0.1         3.1	6 18.6	(s)	R (s) 0.1	40.1 38.2	90.6	H 78.5	H 169.1
2012 0.0 24.4 1.1 2.6 0.1 3.	B 15.6	(s)		38.2	82.0	<sup>11</sup> /5.4 B 77.0	1157.3 B 474.0
2013         0.0         28.5         1.5         3.9         0.1         5.           2014         0.0         30.9         1.4         2.7         0.2         4.	5 20.3	(s)	0.1	39.5 40.9	94.0 R 96.7	B 70.9	<sup>R</sup> 171.3 <sup>R</sup> 176.6
2014         0.0         30.9         1.4         2.7         0.2         4.1           2015         0.0         27.3         1.7         3.0         0.1         4.1	3 20.6	(S) (S)	0.1 0.1	40.9 39.0		R 80.1 R 80.1 R 84.0 R 78.5 R 75.4 R 77.3 R 79.8 R 78.3 R 76.2 R 69.4	R 150 0
2015         0.0         27.3         1.7         3.0         0.1         4.1           2016         0.0         25.5         1.6         2.2         0.2         4.1           2017         0.0         24.3         1.2         2.0         0.1         3.3	9 9.5 0 8.5	(S) (S)	0.1	39.0	80.8 R 76.9	R 76.2	R 159.0 R 153.2 R 141.3
2017 0.0 24.3 1.2 2.0 0.1 3.1	2 8.2	(s)	0.1	36.1	70.9	R 69 4	R 141 3
2017 0.0 24.7 1.2 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 <sup>R</sup> 9.6	(S)	0.1	39.9 38.1	R 78 2	R 78.4 R 75.2	<sup>R</sup> 160.8 <sup>R</sup> 153.4
2020         0.0         24.9         1.5         3.6         0.1         5.7           2021         0.0         R 25.9         1.4         2.9         0.1         4.4	2 <sup>R</sup> 6.3		0.1	37.1	R 73.6	R 72.7	<sup>R</sup> 146.3
2020         0.0         24.9         1.5         3.6         0.1         5.1           2021         0.0         R 25.9         1.4         2.9         0.1         4.2           2022         0.0         27.2         1.4         2.9         0.1         4.2	2 R 6.3 4 R 6.9	(s) (s)	R 0.1	37.7	R 73.6 R 75.1 78.0	R 72.7 R 73.1 75.8	<sup>R</sup> 146.3 <sup>R</sup> 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

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

<sup>a</sup> Beginning in 2008, data are no longer collected and are assumed to be zero. <sup>b</sup> Includes supplemental gaseous fuels that are commingled with natural gas.

<sup>c</sup> 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.
 <sup>1</sup> Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial

sectors.

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

<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. 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/

W

Ε S Т

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Ε					Pe	troleum			Under	Biomass						
S	Coal	Natural gas <sup>a</sup>	Distillate fuel oil	HGL <sup>b</sup>	Kerosene	Motor gasoline <sup>c</sup>	Residual fuel oil	Total <sup>d</sup>	Hydro- electric power <sup>e,f</sup>	Wood		Solar <sup>f,h</sup>	Electricity <sup>i</sup>		Electrical	
Year	Thousand short tons	Billion cubic feet			Thous	and barrels			Million kilowatthours	Wood and waste <sup>f,g</sup>	Geothermal <sup>f</sup>		lion tthours	End use <sup>f,j</sup>	system energy losses <sup>k</sup>	Total <sup>f,j</sup>
1960	100	15	75	49	8	65	8	205	NA			NA	1,134			
1960 1965 1970 1975	104	15	111	49 61	9	65 66 56 59	12	205 260 229 363	NA			NA NA	1,134 1,620			
1970	84 167	22	92 213	58 72	14 9	50 59	9	229	NA NA			NA NA	2,238 2,858			
1980 1985 1990	123	22	262	87	37	110	5	500	NA			NA	3.658			
1985	63 143 57	17	262 674 526 357 360 230	49 91	129 46 37 73 63	307 330 20 19	5	1,164 1,058 504 616	NA			NA 0	4,462			
1990 1995	57	26	357	91	46	20	65 0	504	0			0	5,085 5,944			
R 2000 2005	193 74	26	360	164	73	19	0	616	0			0	6,872			
2005	74	25	230	119	63	28	0	441	0			0	7,452 7,377			
G 2006 2007 2008	22 59	23	164 162	183 160	41 25 13	30	0	417 376	0			0	7,769			
2008	0	15 15 22 25 22 17 21 26 25 23 25 24 25 24 25 24 25 24 25 24 24 24 24 24	137	209	13	28 29 30 29	ō	387	Ō			õ	7,716			
2009 2010	0	24	270 223 416	203 216	9	27 27	0	509 472	0			0	7,694 7,962			
2011	0	23	416	206	3	27	0	653	0			1	7,962			
N 2012 2013	0	23	378	206 207 304	1	25	Ő	653 611 718	0			1	7,763			
2013 2014	0	24	378 384 436	304 180	3	28 25 26 25	(s)	718 644	0			1	7,794 7,876			
2014 2015 2016	0	24	461	157	4	364	Ö	986 966	0			1	7,801			
2016	0	23	461 415	173	2	364 376	0	966	0			1	7,826			
A 2017 2018 2019	0	23 23 22 25 24	362	189 209	2	366 372	0	919 1,013	0			2	7,549 7,774			
2019	Ő	24	429 451	409	4	374	ŏ	1.239	0			4	7.567			
2020 2021	0	21	385 381	207 259	4	374 378	0	970 <sup>R</sup> 1,021	0			5	6,956 7,156			
2021	0	21 23 24	381	259	3	378	0	1,081	0			6	7,156			
	•		002	200				,	llion Btu				1,210			
1960	2.5	16.0 15.6 22.3 25.7 22.7	0.4 0.6	0.2 0.2	(s) 0.1	0.3	(s) 0.1	1.1	NA NA	0.2	NA	NA	3.9 5.5	23.6 25.1	R 7.8	R 31.4 R 36.0 R 48.9
1960 1965 1970	2.6	15.6	0.6	0.2	0.1	0.3 0.3 0.3	0.1	1.4	NA	0.1	NA	NA	5.5	25.1	<sup>R</sup> 10.9	B 36.0
1970 1975	2.5 2.6 2.0 4.0 3.0	22.3	0.5 1.2 1.5	0.2 0.3 0.3	0.1	0.3	0.1 0.1	1.1 1.4 1.2 1.9 2.7	NA NA	0.1 0.1	NA NA	NA NA	7.6 9.8	33.3 41.5 41.0	R 19 9	R 61 4
1975 1980	3.0	22.7	1.5	0.3	0.1 0.2	0.3 0.6	(s)	2.7	NA	0.2	NA	NA NA	12.5	41.0	B 26.6	R 67.5
1985	1.6	18.4	3.9 3.1	0.2	0.7 0.3	1.6 1.7	(s)	6.5	NA	0.2 0.4	NA	NA 0.0	15.2 17.4	41.9	R 30.9	R 72.8
1985 1990 1995	1.6 3.6 1.4	18.4 22.9 27.5	2.1	0.2 0.3 0.3	0.3	0.1	(s) 0.4 0.0	5.8 2.7	0.0 0.0	0.4	0.0 0.0	0.0	20.3	50.0 52.5	R 39 5	R 92.0
2000 2005	5.0 1.8	28.0 26.8	2.1 1.3	0.6 0.5	0.4 0.4	0.1	0.0 0.0	3.2	0.0 0.0	0.6 1.5	(s)	0.0 0.0	23.4 25.4	60.2 57.8	F 7.8 R 10.9 R 15.6 R 19.9 R 26.6 R 30.9 R 32.3 R 39.5 R 45.4 R 49.4	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 24.3 27.2	1.0	0.7	0.2 0.1	0.1 0.2	0.0 0.0 0.0	2.0	0.0	1.4 1.5	(s) (s)	0.0 0.0 0.0	25.2 26.5 26.3	55.4 55.6	R 52 7	R 108.4
2007 2008	1.5 0.0	27.2	0.9	0.6 0.8	0.1	0.1	0.0	1.8	0.0 0.0	1.6	(s)	0.0	26.3	55.6 56.9	R 52.5	B 109.4
2009 2010	0.0	25.7 26.8	1.6	0.8	0.1	0.1	0.0	65 5.8 2.7 2.3 2.0 1.8 1.8 2.5 2.3 3.3 3.1 3.5 3.3 5.1 5.0 4.7 5.2 6.1 4.9	0.0 0.0	2.5	(s) (s)	0.0 0.0	26.3 27.2	57.0 58.8	R 49 4 R 52.7 R 52.5 R 53.2 R 53.8 R 51.9 R 52.3 R 52.4 R 52.4 R 53.4 R 52.4 R 52.4 R 52.2 R 51.0 R 55.2 R 51.0 R 65.5 R 47.3	R 61.4 R 67.5 R 72.8 R 22.3 R 29.0 R 105.6 R 107.3 R 104.9 R 108.4 R 109.4 R 110.2 R 110.2 R 110.3 R 108.4 R 110.7 R 110.7 R 110.7 R 111.5
2011	0.0 0.0	26.1	1.3 2.4	0.8 0.8	(s) (s)	0.1 0.1	0.0	2.3	0.0	2.5	(S) (S)	0.0	27.2	58.4	R 51.9	B 110.3
2012	0.0	24.5	2.2	0.8	(s) (s) (s)	0.1	0.0	3.1	0.0	2.1	(s)	(s)	26.5	56.2	B 52.3	R 108.4
2012 2013 2014	0.0	24.5 26.1 26.3	2.4 2.2 2.2 2.5 2.7 2.4	1.2	(s)	0.1	0.0 (s) 0.0 0.0 0.0	3.5	0.0 0.0 0.0	2.5 2.5 2.4 2.1 2.4 2.5 1.4 1.5	(s)	(s)	26.5 26.5 26.6 26.9	56.2 58.7 59.1	R 52.0	<sup>H</sup> 110.7
2014 2015	0.0 0.0	26.3 25.3	2.5	0.7 0.6	(s) (s) (s)	0.1 1.8	0.0	3.3 5 1	0.0 0.0	2.5 1 4	(S) (S)	(S)	26.9 26.6	59.1 58.5	R 53 4	R 111.5
2015 2016	0.0	24.9	2.4	0.7	(s)	1.8 1.9	0.0	5.0	0.0	1.5	(S) (S)	(S)	26.7	58.1	<sup>R</sup> 52.4	<sup>R</sup> 111.8 <sup>R</sup> 110.6
2017	0.0	24.3 27.4 25.6	2.1 2.5 2.6	07	(s)	1.8 1.9 1.9 1.9	0.0 0.0 0.0 0.0 0.0	4.7	0.0	1.5 1.5 1.4	(s)	(s)	25.8 26.5 25.8 23.7	58.1 56.2 60.5 58.9 P 53.5	R 49.6	R 110.0 R 1105.8 R 112.7 R 109.9 R 100.0 R 100.0 R 103.2
2018 2019	0.0	27.4	2.5	0.8 1.6	(s) (s)	1.9	0.0	5.2 6 1	0.0 0.0	1.5 1.4	(s) (s)	(S)	26.5 25.8	60.5 58.9	B 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) (s) (s)	1.9	0.0	5.1	0.0	1.6	(s)	(5) (5) (5) (5) (5) (5) (5) (5) (5) (5)	24.4	H 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

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

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.

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

<sup>d</sup> Includes small amounts of petroleum coke not shown separately.

<sup>e</sup> Convertional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.

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

<sup>g</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

<sup>h</sup> Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.

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

<sup>j</sup> 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	Table CT6.	Industrial sector energy	<ul> <li>consumption estimates.</li> </ul>	selected years.	1960-2022, West Virginia
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					Petro	leum				Bio	mass						
	Coal	Natural gas <sup>a</sup>	Distillate fuel oil	HGL <sup>b</sup>	Motor gasoline <sup>c</sup>	Residual fuel oil	Other d	Total	Hydro- electric power <sup>e,f</sup>				Solar <sup>f,i</sup>	Electricity <sup>j</sup>		Electrical	
ear	Thousand short tons	Billion cubic feet			Thousan	d barrels			Million kWh	Wood and waste <sup>f,g</sup>	Losses and co- products <sup>h</sup>	Geo- thermal <sup>f</sup>		llion Wh	End use <sup>f,k</sup>	system energy losses <sup> </sup>	Total <sup>f,k</sup>
60	7,802	76	452	290	204	1,437	6,101	8,485	540				NA	5,915			
65	10.747	76 81	890	627	155	2 080	5,353 4,340	9,106	493				NA	7.984			
70 75	10,279 8,424	93 68	1,087 1,533	907 1,095	114 78	1,621 1,787	4,340 6,180	8,070 10,672	558 595				NA NA	9,426 9,102			
75 80	6,424	59	3,585	2,955	81	1,787	4.428	12,508	690				NA	10.567			
80 85	6,284 3,551 4,845	59 45 58	2,119	2,955 871	229 249	1,458 964 1,203	3,418	7,601 9,746	690				NA	9,673			_
90	4,845	58	3,173	1,103	249	1,203	4,018	9,746	610				0	10,469			
95 00	3,768 3,051	60 57	3,315 2,937	1,443 692	194	197 293	3,233 3,216	8,381 7,338	556 453				0	10,867 11,083			-
)5	2 351	40	4,267	239	200 393	440	5,350	10,689	453 556				0	11,312			-
06	2,200	41	5,201	418	424	336	5.584	11.964	524				õ	13,916			-
)7	2,200 2,586 2,493	42 38	5,298	261	424 349 283	336 999 606	5,505	12,413 13,139	449				0	14,661			-
)8 )9	2,493 1,848	38	6,031 4,855	228 136	283 278	606 86	5,991 2,428	13,139	427 619				0	14,738 10,985			_
)9 10	1,848 2,491	36 38 42	4,855 4,986	2,690	278 194	86 39	2,428 2,012	7,783 9,922	498				0	10,985			-
11	2.475	42	4,900	2.686	191	45	2,012	10.076	559					11.720			_
12 13	1,893 1,757	50 59 77	4,664	2,700 2,724	191 198	231 166 72	2,114	9,899 10,263	547				(s) (s) (s)	11,856 12,021			-
13	1,757	59	5,139	2,724	198	166	2,035	10,263	659				(s)	12,021			-
4  5	1,678 1,526	//	5,131 3,060	2,762	158	/2	1,901 2,281	10,024	529				(S)	12,829 13,065			-
16	1,100	84 95	1,770	2,674 2,664	158 282 285	99 55	R 2 512	B 7 286	553 496				(s) (s) (s)	12,875			_
17	932	109	2,887	2.648	287	0	R 1 844	R 7,666	534				(S)	13.586			-
18	1,010	122 132	3,410	2,595 2,626	284 285	4	R 2,039 R 2,240	8,397 R 7,286 R 7,666 R 8,332 R 8,780 R 7,150	688				(s)	14,193 14,527			-
19	1,010	132 B 148	3,613	2,626	285	17	<sup>H</sup> 2,240 <sup>R</sup> 2,125	H 8,780	563				(s)	14,527			-
20 21	960 1,130	H 148 R 155	2,122 2,915	2,617	283	4	R 2,125	R 8,072	565 516				(s) (s) (s) (s) (s) 1	14,243 14,571			_
22	414	<sup>R</sup> 155 164	2,947	2,741 2,847	263 268	7	2,149	8,217	526				(3)	14,574			_
									Trillion Bt	ı							
60 65	204.4 280.0	78.4 87.1	2.6 5.2	1.1 2.4 3.3	1.1 0.8	9.0	36.3 32.2	50.1 53.6	R 1.8 R 1.7 R 1.9 R 2.0 R 2.4 R 2.4 R 2.1 R 1.9	4.9	NA	NA	NA NA	20.2 27.2	R 359.8 R 455.0 R 441.5 R 383.2 R 333.8 R 222.6	R 40.7	R 400. R 508. R 507. R 446. R 446. R 410. R 289.
65 70	280.0 260.2	87.1 95.7	5.2 6.3	2.4	0.8	13.1 10.2	32.2 26.2	53.6 46.7	B10	5.4 4.9	NA NA	NA NA	NA	32.2	B 441 5	R 53.6 R 65.9	B 508.
70 75	200.2	70.5	8.9	3.3	0.6	10.2	20.2	40.7	R 2 0	4.9	NA	NA	NA	32.2	R 383 2	R 63.4	R 446
80	212.5 162.4	61.4	20.9	10.4	0.4 0.4	9.2	36.9 26.5	67.4	R 2.4	5.7 4.2	NA	NA	NA	36.1	R 333.8	R 63.4 R 76.7 R 67.1	R 410
35	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
90	124.3	61.7	18.5	3.8	1.3	7.6	24.3	55.5 46.2	<sup>12.1</sup>	1.4	0.0	0.0	0.0 0.0	35.7	<sup>1</sup> 280.7	R 66.5 R 72.2	'' 34 <i>1</i>
95 00	97.4 81.1	64.0 60.7	19.3 17.1	5.0 2.4	1.0 1.0	1.2 1.8	19.7 19.8	46.2	815	1.8 1.4	0.0 0.0	0.0 0.0	0.0	37.1 37.8	R 2248.4	R 73.2	R 207
05	59.6	43.0	24.8	0.8	2.0	2.8	31.4	61.8	H 1.9	1.5	0.0	0.0	0.0	38.6	R 206.4	R 75.1	R 281
06	55.9	45.8	30.2	1.4	2.2	2.1	33.0	68.9	H18	13	0.0	0.0	0.0	47.5	R 221.2	<sup>R</sup> 93.2	R 314
)7	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	H 236.1	R 99.5	H 335
)8 )9	63.8 47.4 63.8	41.3 39.5	34.9 28.0	0.8 0.4	1.4 1.4	3.8 0.5	35.9 15.1	76.8 45.6	R 1.5 B 2.1	1.3	(s)	0.0 0.0	0.0 0.0	50.3 37.5	P 234.9	R 100.4 R 76.0 R 78.5	B 345
0	47.4	39.5 41.1	28.0	10.3	1.4	0.5	12.8	45.6 53.1	R 2.1 R 1.7	1.2 1.7	(s) 0.0	0.0	0.0	37.5	R 201 1	B 78.5	R 270
1	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
2	63.3 50.7	54.4	26.9	10.4	1.0	1.5	13.5	53.2	819	1.1	0.0	0.0	(s) (s) (s)	40.5	R 201.7	R 78.3 R 79.8	R 281
13	46.6	63.4	29.6	10.4	1.0	1.0	12.8 11.9	54.9	R 2.2 R 1.8	1.1	0.0	0.0	(s)	41.0	<sup>rr</sup> 209.4	<sup>n</sup> 80.2	H 289
14 15	44.8 41.0	84.1 92.4	29.6 17.6	10.6	0.8 1.4	0.5 0.6	11.9	53.3 44.4	P 1.8 P 1.9	1.1 1.1	0.0 0.0	0.0 0.0	(s) (s) (s)	43.8 44.6	11 228.9 B 225 4	<sup>R</sup> 85.4 <sup>R</sup> 89.4	R 320 R 297 R 281 R 314 R 335 R 249 R 284 R 281 R 289 R 284 R 281 R 289 R 314 R 314 R 316 R 323 R 352
16	30.6	104.8	17.6 10.2	10.3 10.2	1.4	0.8	R 16 1	38.2	R 1.7	1.1	0.0	0.0	(5)	44.0	R 220.4	R 86.3	R 306
17	26.3	118.6	16.6	10.2	1.5	0.0	R 11.6 R 12.9	38.2 R 39.9 R 44.0	B 1.7 B 1.8	1.0	0.0	0.0	(s)	46.4	R 233.9	R 89.2 R 95.3	R 323
18	28.3	132.8	19.6	10.0	1.4	(s) 0.1	R 12.9	R 44.0	Rog	1.1	0.0	0.0	(s) (s) (s)	48.4	R 257.0	R 95.3	R 352
19	28.2	143.7 B 101 0	20.8	10.1	1.4	0.1	R 14.3	<sup>H</sup> 46 7	R 1.9	1.1	0.0	0.0	(s)	49.6	<sup>n</sup> 271.3	R 97.9	R 369 R 372 R 391
20 21	26.8 31.0	143.7 <sup>R</sup> 161.2 <sup>R</sup> 168.7	20.8 12.2 16.8	10.0 10.5	1.4 1.3	(s) (s)	R 13.5 R 13.7	R 37.2 R 42.4	R 1.9 R 1.8	1.1 1.2	0.0 0.0	0.0 0.0	(s) (s)	48.6 49.7	R 280.7 R 248.4 R 224.7 R 206.4 R 234.9 R 173.3 R 201.1 R 206.3 R 201.7 R 209.4 R 228.9 R 225.4 R 228.9 R 225.4 R 223.9 R 225.4 R 233.9 R 225.4 R 271.3 R 276.3 R 274.3 R 274.3 R 274.3	R 95.2 R 96.4	R 301
22	11.2	177.9	17.0	10.5	1.3	(S)	13.7	43.0	1.8	1.1	0.0	0.0	(S) (S)	49.7	284.7	99.2	383

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.

 <sup>b</sup> Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
 <sup>c</sup> 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. <sup>d</sup> 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.

<sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources <sup>9</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

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

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

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

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.

<sup>1</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.

 Wh = 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 Netro ferceopt bare of concern. 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/

W

Ε S

V

R G

						P	etroleum							
	Coal	Natural gas <sup>a</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	Electricity <sup>f</sup>		Electrical system	
Year	Thousand short tons	Billion cubic feet				Thou	sand barrels				Million kilowatthours	End use <sup>g,h</sup>	energy losses <sup>i</sup>	Total <sup>g,h</sup>
1960	134	8	119	1,742	2	169	199	11,340	3	13,573	0			
1965 1970 1975 1980 1985 1990	134 35 16	18 8	201 78 58 65 39 36	1,742 1,530 2,485 3,589 4,846 6,736 5,850 5,850	4	169 130 290 242 353 235 273	199 198 185 239 250 228 256	11,340 12,541 15,660 19,176 19,199 17,977 19,063 20,678 19,205 19,783 19,873 19,873	0	13,573 14,603 18,713 23,318 24,728 25,236 27,916 27,916 27,945 29,522 29,522 29,343 28,974	0			
1970	10		58	2,465	10 14	290	239	19,000	5	23.318	0			
1980	Ó	14 13 18 9	65	4,846	14 14 22 19 12 2	353	250	19,199	Ō	24,728	0			
1985	0	18	39	6,736	22	235	228	17,977	(s)	25,236	0			
1995	0	26	27	6.781	12	174	230	20.678	0	27,916	0			
1995 2000 2005 2006 2007	0	26 33 20 19 21	27 20 89 37 36	6,781 8,269	2	174 189 238 231 236	244 261 220 214 206 185 169 157 145 147	19,205	0	27,945	0			
2005	0	20	89	9,178 8,970 8,631	13 18 11	238	220	19,783	0	29,522	4			
2000	0	21	36	8,631	11	236	214	19,873	0	29,343	4			
2008 2009 2010	Ō	18	21	7,709 6,929 7,479 7,348 7,344 7,344	23 15	227 198 234 252 245	206	18,257	Ō	26,442	4			
2009	0	22	30	6,929	15	198	185	19,736	0	27,094	4			
2010	0	22	24	7,479	5	234	169	20,240	0	28,152	4			
2012	ŏ	32	22	7,344	4	245	145	18,835	ŏ	26,595	4			
2011 2012 2013 2014 2015	0	18 22 21 32 30 29 29	21 30 24 23 22 19 13 12	7,156 6,658 7,837	5	209 197	147	18,567	0	26,102	4			
2014	0	29	13	6,658 7,837	57	210	14/	19,271	0	26,292	0			
2016	Ő	20	9	10,675 9,633	7	226	<sup>R</sup> 194	19,030	Ő	<sup>R</sup> 30,142	Ő			
2017	0	20 19 19	11	9,633	13 18 20	228	H 164	18,453	0	H 28,503	0			
2018	0	19	14	12,427	18	196	H 185 R 156	19,330	0	R 20 858	0			
2016 2017 2018 2019 2020 2021	0	25 R 30 34	15 12 13	12,427 10,256 9,442 <sup>R</sup> 11,063	9	226 228 196 208 159 171	147 170 R 194 R 164 R 185 R 185 R 156 R 134 R 158	16,181	0	26,442 27,094 28,152 27,048 26,595 26,102 26,292 26,687 R 30,142 R 28,503 R 32,171 R 29,858 R 25,937 R 29,873	Ő			
2021	0	34	13	R 11,063	9	171	R 158	18,257 19,736 20,240 19,264 18,835 18,567 19,271 18,622 19,030 18,453 19,330 19,203 16,181 18,374 17,661	0	R 29,873	0			
2022	0	33	14	11,107	11	174	166 T	17,661	0	29,203	0			
1960	3.4	8.7	0.6	10.1	(c)	0.0			(c)	72.5	0.0	84.6	0.0	84.6
1965	0.9	19.3	1.0	10.1 8.9 14.5 20.9 28.2 39.2	(s) (s) (s) 0.1	0.9 0.7 1.6	1.2 1.2 1.1	59.6 65.9 82.3 100.7 100.9 94.4 100.1 107.6 99.9	(s) 0.0 (s) 0.0 (s) 0.0 (s) 0.0 0.0	72.3	0.0	97.9	0.0	84.6 97.9 108.5 139.4
1965 1970 1975	0.9 0.4	19.3 8.1	0.4	14.5	(s)	1.6	1.1	82.3	(s)	99.9	0.0	97.9 108.5	0.0	108.5
1975	(s) 0.0 0.0	14.6	1.0 0.4 0.3 0.3 0.2	20.9	0.1 0.1	1.3 2.0 1.3	1.5 1.5 1.4	100.7	0.0	124.8	0.0 0.0 0.0 0.0 0.0 0.0	139.4	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	139.4
1980 1985	0.0	13.6 19.0	0.3	39.2	0.1	1.3	1.5	94.4	(s)	136.6	0.0	146.6 155.6	0.0	146.6 155.6 146.9 177.8 185.8
1990	0.0	9.3	0.2	34.1	0.1	1.5 1.0	1.6	100.1	0.0	137.5	0.0	146.9	0.0	146.9
1990 1995 2000	0.0 0.0 0.0	9.3 28.1 35.0	0.2 0.1 0.1	34.1 39.5 48.1	(s) (s) (s) 0.1 (s) 0.1	1.0 1.1	1.6 1.5 1.6	107.6	0.0	149.7	0.0 0.0	146.9 177.8 185.8	0.0	177.8
2000	0.0	21.0	0.1	53.4	(5)	1.1	1.0	102.7	0.0	150.8	0.0 (s)	180.4	(s)	180.4
2005 2006	0.0 0.0 0.0	21.2	0.5 0.2 0.2	53.4 52.1 49.9	0.1	1.3	1.3	103.0	0.0	158.0	(S) (S) (S)	179.2	(s)	179.3
2007	0.0	22.4	0.2	49.9 44.6	(s)	1.4 1.3 1.3 1.3 1.1	1.3	102.0	0.0	154.8	(s)	177.4	(s)	177.4
2008	0.0	24.0	0.1	44.0	0.1	1.3	1.2	93.2 100.5	0.0	140.5	(S)	160.2	(5)	160.3
2008 2009 2010	0.0 0.0 0.0	21.0 21.2 22.4 19.6 24.0 23.2 33.3 34.5 31.9 32.0 32.0 32.0 22.4 20.9	0.1 0.2 0.1	40.0 43.2 42.4 42.4 41.2 38.4 45.2 61.5 55.5	(s)	1.3	1.3 1.3 1.3 1.2 1.1 1.0	102.7 103.0 102.0 93.2 100.5 102.6 97.5 95.3 93.9 97.5 94.2 96.2 93.2 96.2 93.2 97.7	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	148.2	(s) (s) (s)	180.4 179.2 177.4 160.2 166.9 171.5	(s)	180.4 180.4 179.3 177.4 160.3 166.9 171.5
2011 2012 2013	0.0 0.0 0.0 0.0 0.0 0.0	23.3	0.1 0.1 0.1 0.1 0.1 0.1	42.4	(s)	1.4	0.9 0.9 0.9 0.9 1.0	97.5	0.0	142.4	(s)	165.7 174.6 169.2 169.9 173.7	(s)	165.7
2012	0.0	34.5	0.1	42.4 41.2	(S) (S)	1.4 1.4 1.2 1.1 1.2 1.3 1.3	0.9	95.3 93 9	0.0	140.1 137.4	(s) (s) 0.0 0.0	1/4.6 169.2	(S)	174.6
2013 2014 2015	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) 0.1	61.5	(s) 0.1	1.3	1.2 1.0	96.2	0.0 0.0	160.2	0.0	182.5 172.0	0.0	182.5
2016 2017 2018	0.0 0.0 0.0	21.1	(s) 0.1 0.1	71.6	0.1	11	1.1	93.2 97.7	0.0	171.6	0.0	192 7	0.0	192.7
2019 2020	0.0	27.1	0.1 0.1	59.1	0.1	1.2	0.9	97.0 81.7	0.0 0.0	R 158.4	0.0	185.4	(s) 0.0 0.0 0.0 0.0 0.0 0.0 0.0	185.4
2020 2021	0.0 0.0 0.0	27.1 R 32.3 R 36.8 36.0	0.1 0.1	59.1 54.3 R 63.8 64.0	(s) (s) (s)	1.2 0.9 1.0 1.0	0.9 0.8 R 1.0	81.7 92.8 89.2	0.0 0.0	72.5 77.7 99.9 124.8 133.0 136.6 137.5 149.7 150.8 159.3 158.0 154.8 140.5 142.9 148.2 142.4 140.1 137.4 138.0 141.7 160.2 151.1 171.6 R 158.4 137.9 R 159.0 155.7	0.0 0.0 0.0 0.0 0.0 0.0 0.0	185.4 R 170.2 R 195.8 191.7	0.0 0.0 0.0	165.7 174.6 169.3 169.9 173.7 182.5 172.0 192.7 185.4 R 170.2 R 195.8 191.7
	0.0		0.1	03.8	(5)	1.0	1.0	9∠.8	0.0	199.0	0.0	195.8	0.0	195.8

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

<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.

of stillate fuer on. <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.

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>9</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/

				Petro	oleum				Biomass					
	Coal	Natural gas <sup>a</sup>	Distillate fuel oil <sup>b</sup>	Petroleum coke	Residual fuel oil <sup>c</sup>	Total	Nuclear electric power	Hydroelectric power <sup>d</sup>		Geothermal <sup>f</sup>	Solar <sup>f,g</sup>	Wind <sup>f</sup>	Electricity net imports <sup>h</sup>	
Year	Thousand short tons	Billion cubic feet		Thousar	nd barrels		Million ki	lowatthours	Wood and waste <sup>e,f</sup>		Million ki	lowatthours		Total <sup>f,i</sup>
1960	5 879	1	(s)	0	33	33	0	398		0	NA	NA	0	
1965	5,879 8,025 14,889 25,805 28,499 31,367 29,873 31,549 36,625 37,875 37,863 38,056 37,706 29,255 32,752	1	(s) (s) 3	Ō	33 61	33 62 433 722 683 369 368 338 448 338 448 237 324 237 304 237 304 271 327 250 269 283 247	Ō	398 336 437 467		Ō	NA NA	NA NA NA NA	Ō	
1970 1975	14,889	1	3	0	430 708 0	433	0	437		0	NA	NA	0	
1975	25,605	(S) (S)	14 683	0	708	683	0	424		0	NA NA	NA	0	
1985 1990	31,367	(S)	369 368 338 448 349	Ő	Ő	369	Ő	368 685 637 698		Ő	0	0	Ő	
1990	29,873	(s)	368	0	0	368	0	685		0	0	0	0	
1995 2000	31,549	1	338	0	0	338	0	637		0	0	0	0	
2005	37,875	2	349	0	0	349	0	892		0	0	154	0	
2006 2007	37,863	4	237	Ō	Ō	237	Ō	1,048 806		Õ	Ō	154 174 168	Ō	
2007	38,056	4	237 324 237 304 271 327 250 269 283 283 247	0	0	324	0	806		0	0	168	0	
2008 2009	37,706	2	237	0	0	237	0	821 1,027		0	0	392 742	0	
2003	32.752	1	271	Ő	0	271	Ő	869		0	ŏ	020	0	
2010 2011 2012	31,917	3	327	0	0	327	0	894 884		0	Ō	1,103	0	
2012	29,571	2	250	0	0	250	0	884		0	0	1,286	0	
2013 2014	30,093	3	269	0	0	269	0	1,080 713		0	0	1,387	0	
2015	31,917 29,571 30,093 31,883 28,223 29,549 27,988 27,988	13	247	ŏ	õ	247	ŏ	832		ŏ	ŏ	939 1,103 1,286 1,387 1,451 1,376 1,432 1,682 1,682	ŏ	
2015 2016 2017	29,549	13 10	215 208	0	0	215 208	0	1,143 1,125		0	Ó	1,432	0	
2017	27,988	10 11	208	0	0	208	0	1,125		0	0	1,682	(s)	
2018 2019	25,811 23,897	16	289 230	0	0	289 230	0	1,160 1,143		0	0	1,770 1,631	9	
2020	20,590	21	257 301	Ő	Ő	257	Ő	1 027		ŏ	ŏ	1,898	Ő	
2020 2021 2022	20,590 24,250 21,176	21 20 17	301 287	0	0	301 287	0	1,188 1,122		0	0	1,898 1,624 2,007	0	
	21,170		207				Trillion Btu	1,122		Ŭ	0	2,007		
1960	140.6	10	(s)	0.0	0.2	0.2	0.0	R 1 4	0.0	0.0	NA	NA	0.0	B 143 1
1965	140.6 190.5 347.2 599.2	1.0 1.0 0.7 0.2	(s) (s) (s) 0.1	0.0 0.0	0.2 0.4 2.7 4.4	0.2 0.4	0.0	R 1.4 R 1.1 R 1.5 R 1.6	0.0 0.0	0.0 0.0	NA NA	NA NA	0.0 0.0	R 193.0
1970 1975	347.2	0.7	(s)	0.0	2.7	2.7 4.5	0.0	B 1.5	(s) 0.0	0.0	NA NA	NA	0.0	R 352.1
1975	599.2	0.2	0.1	0.0	4.4	4.5	0.0 0.0	<sup>n</sup> 1.6	0.0	0.0	NA	NA	0.0	<sup>n</sup> 605.5 B co7 1
1980 1985	691.7 778.7	0.1 0.1	2.1	0.0 0.0	0.0	2.1	0.0	R 1.3	0.0 0.0 0.0 0.0 0.0	0.0 0.0	NA 0.0	NA 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
1990 1995 2000	744.8 772.4 891.2	0.7 0.5	4.0 2.1 2.1 2.0 2.6	0.0	0.0 0.0 0.0	4.0 2.1 2.1 2.0 2.6	0.0	H 2.2	0.0	0.0	0.0	0.0	0.0 0.0 0.0	H 777.3
2000	891.2	0.5	2.6	0.0	0.0	2.6	0.0	B 2.4	0.1	0.0	0.0	0.0 B 0.5	0.0	B 906.9
2005 2006	898.0 902.3 915.8 891.9	2.4 3.8	2.0 1.4	0.0 0.0	0.0 0.0	2.0 1.4	0.0 0.0	R 3.6	(s) 0.0 0.0 0.0 0.0 0.0 0.1	0.0 0.0	0.0 0.0	R 0.6	0.0 0.0	R 911.7
2007 2008	915.8	4.0	1.9 1.4 1.8	0.0 0.0	0.0 0.0	1.9 1.4 1.8 1.6 1.9	0.0	R 2.7	0.0	0.0	0.0	R 0.6	0.0 0.0 0.0	R 925.0
2008	891.9	2.0	1.4	0.0	0.0	1.4	0.0	H 2.8	0.0	0.0	0.0	H 1.3	0.0	H 899.3
2009	695.5 784.3 759.3	1.2	1.8	0.0	0.0 0.0 0.0	1.8	0.0 0.0	B 3.5	0.0	0.0 0.0	0.0 0.0 0.0	H 2.5 B 3 2	0.0	R 704.5
2010 2011	759.3	2.7	1.9	0.0 0.0	0.0	1.9	0.0	R 3.1	0.0	0.0	0.0	R 3.8	0.0	R 770.8
2012 2013	706.0 724.5 771.7 689.9 721.3	4.0 2.0 1.2 2.7 2.5 3.0 7.0 14.1 10.9	1.4 1.6	0.0 0.0	0.0 0.0	1.4 1.6	0.0	R 1.4 R 1.3 R 2.2 R 2.4 R 3.0 R 3.6 R 3.6 R 3.7 R 2.8 R 3.0 R 3.7 R 2.4 R 3.0 R 3.0	0.1	0.0	0.0	0.0 0.0 0.5 R 0.6 R 1.3 R 2.5 R 3.2 R 3.4 R 4.7 R 5.7 R 4.9 R 5.7 R 5.5	0.0 0.0	R 143.1 R 193.0 R 352.1 R 605.5 R 607.1 R 782.3 R 749.4 R 777.3 R 896.9 R 906.0 R 911.7 R 925.0 R 793.6 R 770.8 R 704.5 R 704.5 R 770.8 R 717.4 R 737.5 R 787.8 R 713.0 R 713.0 R 713.0 R 713.0 R 742.3 R 706.1 R 656.6 R 621.9 R 634.9 S 55.8
2013	724.5	3.0	1.6	0.0	0.0	1.6	0.0	H 3.7	(s)	0.0	0.0	H 4.7	0.0	H 737.5
2014	//1./ 689.9	7.0 1/1 1	1.6 1.4	0.0	0.0	1.6 1.4	0.0 0.0	H 2.4 R 2.8	0.1	0.0	0.0	15.0 R <u>4</u> 7	0.0	H /8/.8 R 713.0
2015 2016	721.3	10.9	1.4 1.2 1.2 1.2 1.7	0.0 0.0	0.0 0.0 0.0	1.6 1.4 1.2 1.2 1.7	0.0	R 3.9	(s) 0.1 0.1 0.0	0.0 0.0	0.0 0.0 0.0	R 4.9	0.0 0.0 0.0	R 742.3
2017 2018	684.2 633.4	11.2 11.5	1.2	0.0	0.0	1.2	0.0	R 3.8	0.0 0.0	0.0	0.0	R 5.7	(S) (S)	<sup>R</sup> 706.1
2018	633.4	11.5	1.7	0.0	0.0	1.7	0.0	H 4.0	0.0	0.0	0.0	H 6.0	(s)	H 656.6
2019 2020 2021	593.5 512 9	17.5	1.3 1.5	0.0 0.0	0.0 0.0	1.3	0.0 0.0	R 3.9 R 3.5	0.0 (s)	0.0 0.0	0.0 0.0	R 6 5	0.0 0.0	R 546 9
2021	593.5 512.9 602.5 525.5	17.5 22.4 20.9	1.7	0.0	0.0	1.3 1.5 1.7 1.7	0.0	R 4.1	(S) (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) (s)	0.0	0.0	6.8	0.0	555.8

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

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

 <sup>b</sup> 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.
 <sup>c</sup> 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.
 <sup>d</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

<sup>e</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
<sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989. <sup>9</sup> Solar thermal and photovoltaic energy.

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

<sup>1</sup> 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/

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