

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

Year	Coal Thousand short tons	Natural gas <sup>a</sup> Billion cubic feet	Petroleum								Electricity <sup>f</sup> Million kilowatthours	End use <sup>g,h</sup>	Electrical system energy losses <sup>i</sup>	Total <sup>g,h</sup>
			Aviation gasoline	Distillate fuel oil <sup>b</sup>	HGL <sup>c</sup>	Jet fuel <sup>d</sup>	Lubricants	Motor gasoline <sup>e</sup>	Residual fuel oil	Total				
			Thousand barrels											
1960	7	(s)	2,161	2,574	6	4,502	413	22,052	1,707	33,415	1	--	--	--
1965	1	1	434	3,022	21	6,919	381	25,886	1,443	38,104	2	--	--	--
1970	(s)	6	351	3,956	38	10,637	400	35,213	2,025	52,620	2	--	--	--
1975	(s)	6	274	6,616	37	14,036	428	40,196	2,109	63,696	2	--	--	--
1980	0	4	356	9,595	92	12,036	501	41,897	10,112	74,589	2	--	--	--
1985	0	3	202	10,139	329	15,417	456	42,971	5,492	75,005	14	--	--	--
1990	0	5	313	11,609	291	22,343	513	52,525	14,229	101,823	16	--	--	--
1995	0	9	229	14,082	179	23,039	490	58,222	16,551	112,793	18	--	--	--
2000	0	6	332	18,748	18	24,726	523	62,246	6,635	113,227	18	--	--	--
2005	0	9	262	19,543	239	18,480	441	63,818	7,773	110,556	2	--	--	--
2006	0	7	184	23,925	244	18,588	430	64,264	6,199	113,833	1	--	--	--
2007	0	8	176	24,589	167	20,451	444	64,756	9,979	120,562	2	--	--	--
2008	0	7	132	22,643	416	20,110	412	62,853	4,502	111,068	2	--	--	--
2009	0	8	112	19,762	229	18,293	370	63,583	6,988	109,336	3	--	--	--
2010	0	8	160	19,124	20	13,184	514	62,605	6,466	102,073	7	--	--	--
2011	0	7	174	20,918	21	13,260	508	62,035	7,767	104,684	7	--	--	--
2012	0	10	187	19,253	19	12,943	495	61,476	9,893	104,267	7	--	--	--
2013	0	11	164	18,459	23	14,037	533	63,995	9,577	106,787	6	--	--	--
2014	0	9	73	19,638	26	14,536	543	63,799	6,491	105,106	5	--	--	--
2015	0	12	93	21,009	34	16,262	614	64,480	8,741	111,233	5	--	--	--
2016	0	12	87	21,951	54	17,503	R 603	64,204	17,901	R 122,303	6	--	--	--
2017	0	13	86	21,360	62	18,470	R 519	64,369	13,674	R 118,541	7	--	--	--
2018	0	14	102	22,673	50	18,527	R 499	66,789	10,307	R 118,949	7	--	--	--
2019	0	R 13	114	22,629	122	19,598	R 514	67,369	12,181	R 122,526	99	--	--	--
2020	0	R 14	98	20,103	99	12,360	R 382	52,518	5,918	R 91,477	98	--	--	--
2021	0	R 14	111	R 21,041	199	16,021	R 453	57,814	12,314	R 108,259	104	--	--	--
2022	0	17	115	21,237	98	17,911	465	57,991	12,619	110,749	114	--	--	--

Trillion Btu

1960	0.2	0.4	10.9	15.0	(s)	24.4	2.5	115.8	10.7	179.4	(s)	180.0	(s)	180.0
1965	(s)	0.7	2.2	17.6	0.1	38.2	2.3	136.0	9.1	205.4	(s)	206.2	(s)	206.2
1970	(s)	6.8	1.8	23.0	0.1	59.3	2.4	185.0	12.7	284.4	(s)	291.2	(s)	291.2
1975	(s)	6.1	1.4	38.5	0.1	78.7	2.6	211.1	13.3	345.8	(s)	351.9	(s)	351.9
1980	0.0	3.9	1.8	55.9	0.4	67.5	3.0	220.1	63.6	412.3	(s)	416.1	(s)	416.1
1985	0.0	3.0	1.0	59.1	1.3	86.6	2.8	225.7	34.5	411.0	(s)	414.1	0.1	414.2
1990	0.0	5.3	1.6	67.6	1.1	126.0	3.1	275.9	89.5	564.8	R (s)	570.8	R (s)	R 570.9
1995	0.0	9.1	1.2	82.0	0.7	130.4	3.0	303.0	104.1	624.2	0.1	633.3	R (s)	R 633.4
2000	0.0	6.6	1.7	109.1	0.1	140.2	3.2	323.7	41.7	619.7	0.1	626.3	R (s)	R 626.3
2005	0.0	9.0	1.3	113.7	0.9	104.8	2.7	331.3	48.9	603.6	(s)	612.9	(s)	612.9
2006	0.0	7.3	0.9	138.8	0.9	105.4	2.6	333.2	39.0	620.9	(s)	629.0	(s)	629.0
2007	0.0	8.1	0.9	142.2	0.6	116.0	2.7	333.0	62.7	658.1	(s)	667.3	(s)	667.3
2008	0.0	7.3	0.7	130.9	1.6	114.0	2.5	320.9	28.3	598.9	(s)	607.2	(s)	607.2
2009	0.0	8.2	0.6	114.2	0.9	103.7	2.2	323.6	43.9	589.1	(s)	597.4	(s)	597.4
2010	0.0	8.3	0.8	110.4	0.1	74.8	3.1	317.2	40.6	547.1	(s)	555.4	(s)	555.4
2011	0.0	7.4	0.9	120.7	0.1	75.2	3.1	314.1	48.8	562.8	(s)	570.2	R (s)	R 570.2
2012	0.0	10.0	0.9	111.0	0.1	73.4	3.0	311.2	62.2	561.8	(s)	571.8	(s)	R 571.8
2013	0.0	10.9	0.8	106.4	0.1	79.6	3.2	323.8	60.2	574.1	(s)	585.1	(s)	585.1
2014	0.0	9.9	0.4	113.2	0.1	82.4	3.3	322.8	40.8	562.9	(s)	572.9	(s)	572.9
2015	0.0	13.3	0.5	121.1	0.1	92.2	3.7	326.1	55.0	598.6	(s)	611.9	(s)	611.9
2016	0.0	13.4	0.4	126.4	0.2	99.2	R 3.7	324.6	112.5	R 667.0	(s)	R 680.5	(s)	R 680.5
2017	0.0	13.5	0.4	123.0	0.2	104.7	R 3.1	325.3	86.0	R 642.7	(s)	R 656.3	(s)	R 656.3
2018	0.0	14.7	0.5	130.6	0.2	105.1	R 3.0	337.6	64.8	R 641.7	(s)	R 656.5	(s)	R 656.5
2019	0.0	R 14.1	0.6	130.3	0.5	111.1	R 3.1	340.3	76.6	R 662.5	0.3	R 676.9	R 0.2	R 677.1
2020	0.0	R 14.7	0.5	115.7	0.4	70.1	R 2.3	265.3	37.2	491.5	0.3	R 506.5	R 0.2	R 506.7
2021	0.0	R 15.5	0.6	R 121.3	0.8	90.8	2.7	292.0	77.4	R 587.2	0.4	R 603.1	R 0.2	R 603.3
2022	0.0	18.9	0.6	122.4	0.4	101.6	2.8	292.8	79.3	601.6	0.4	620.9	0.2	621.1

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

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

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

<sup>d</sup> Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Industrial sector, Other petroleum." There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes, see technical notes.

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

<sup>f</sup> Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers. Sales to public railroads and railway systems only. Excludes electric vehicles.

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

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

<sup>i</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

-- = Not applicable.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: - Totals may not equal sum of components due to independent rounding. The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>