

P E N N S Y L V A N I A Table CT7. Transportation sector energy consumption estimates, selected years, 1960-2023, Pennsylvania

Year	Coal Thousand short tons	Natural gas ^a Billion cubic feet	Petroleum								Electricity ^g Million kilowatthours	End use ^{h,i}	Electrical system energy losses ^j	Total ^{f,h,i}
			Aviation gasoline	Distillate fuel oil ^b	HGL ^c	Jet fuel ^d	Lubricants	Motor gasoline ^e	Residual fuel oil	Total ^f				
			Thousand barrels											
1960	569	15	1,994	7,662	20	1,036	1,343	76,565	5,005	93,625	306	--	--	--
1965	130	19	1,922	8,900	60	3,406	1,121	81,658	4,554	101,622	232	--	--	--
1970	57	27	662	12,662	134	9,083	1,327	98,082	5,548	127,497	184	--	--	--
1975	5	18	426	16,566	157	8,469	1,094	106,357	5,788	138,857	194	--	--	--
1980	0	29	337	21,539	147	10,148	1,312	107,026	4,796	145,306	186	--	--	--
1985	0	33	208	20,337	249	10,126	1,194	100,255	2,139	134,508	365	--	--	--
1990	0	34	145	23,187	157	12,042	1,344	105,586	5,584	148,044	396	--	--	--
1995	0	38	125	29,224	188	12,313	1,282	111,261	4,769	159,162	379	--	--	--
2000	0	39	154	33,989	68	19,009	1,369	117,185	4,699	176,473	401	--	--	--
2005	0	31	100	38,790	197	16,826	1,155	121,878	4,600	183,546	880	--	--	--
2006	0	28	218	40,699	179	16,465	1,125	120,499	4,186	183,371	816	--	--	--
2007	0	35	97	39,473	130	15,503	1,162	122,337	3,419	182,120	876	--	--	--
2008	0	38	100	34,423	289	14,435	1,079	119,724	3,536	173,586	863	--	--	--
2009	0	42	69	34,787	210	12,476	970	121,181	2,397	172,089	879	--	--	--
2010	0	48	106	36,048	25	12,268	904	120,515	798	170,665	887	--	--	--
2011	0	52	116	37,540	25	12,085	872	118,396	448	169,482	840	--	--	--
2012	0	37	121	38,285	27	11,977	823	116,448	1,192	168,872	875	--	--	--
2013	0	38	106	37,395	31	12,349	849	117,184	1,005	168,920	814	--	--	--
2014	0	42	97	38,346	36	12,235	866	115,666	569	167,814	827	--	--	--
2015	0	44	102	37,211	75	12,217	908	112,768	330	163,612	776	--	--	--
2016	0	41	73	34,437	84	12,409	831	113,617	421	161,871	787	--	--	--
2017	0	44	73	34,489	203	R 12,811	765	114,497	196	R 163,034	755	--	--	--
2018	0	47	73	36,608	127	R 13,152	730	111,077	202	R 161,970	703	--	--	--
2019	0	51	84	37,250	96	R 13,723	705	111,575	269	R 163,704	619	--	--	--
2020	0	48	67	35,394	46	R 7,958	614	94,548	108	R 138,734	425	--	--	--
2021	0	53	77	36,004	104	R 9,294	653	102,894	229	R 149,802	407	--	--	--
2022	0	58	79	R 36,801	164	R 9,998	R 694	100,935	235	R 149,432	530	--	--	--
2023	0	52	75	35,976	144	11,067	499	100,615	195	149,336	434	--	--	--

Trillion Btu

1960	14.6	15.6	10.1	44.6	0.1	5.7	8.1	402.2	31.5	502.3	1.0	533.6	2.1	535.7
1965	3.3	20.1	9.7	51.8	0.2	19.2	6.8	429.0	28.6	545.3	0.8	569.5	1.6	571.1
1970	1.4	27.5	3.3	73.8	0.5	51.4	8.0	515.2	34.9	687.1	0.6	716.7	1.3	718.0
1975	0.1	18.1	2.1	96.5	0.6	47.9	6.6	558.7	36.4	748.9	0.7	767.8	1.3	769.1
1980	0.0	30.1	1.7	125.5	0.6	57.4	8.0	562.2	30.2	785.5	0.6	816.2	1.3	817.6
1985	0.0	34.1	1.0	118.5	1.0	57.3	7.2	526.6	13.4	725.1	1.2	760.4	2.5	763.0
1990	0.0	35.8	0.7	135.1	0.6	68.2	8.1	554.6	35.1	802.5	1.4	839.6	3.0	842.5
1995	0.0	39.3	0.6	170.1	0.7	69.8	7.8	579.0	30.0	858.0	1.3	898.6	2.9	901.5
2000	0.0	40.2	0.8	197.8	0.3	107.8	8.3	609.5	29.5	953.9	1.4	995.5	3.1	998.6
2005	0.0	32.3	0.5	225.7	0.8	95.4	7.0	632.8	28.9	991.1	3.0	R 1,026.8	6.6	R 1,033.4
2006	0.0	28.8	1.1	236.2	0.7	93.4	6.8	624.8	26.3	989.2	2.8	R 1,022.0	6.0	R 1,028.0
2007	0.0	36.5	0.5	228.3	0.5	87.9	7.0	629.1	21.5	974.8	3.0	R 1,015.9	6.3	R 1,022.2
2008	0.0	39.0	0.5	199.0	1.1	81.8	6.5	611.3	22.2	922.5	2.9	R 965.8	6.3	R 972.1
2009	0.0	43.3	0.4	R 200.9	0.8	70.7	5.9	616.8	15.1	910.6	3.0	R 956.9	6.1	963.1
2010	0.0	49.5	0.5	R 208.2	0.1	69.6	5.5	610.6	5.0	R 899.5	3.0	R 952.0	6.1	R 958.2
2011	0.0	53.6	0.6	R 216.5	0.1	68.5	5.3	599.4	2.8	R 893.3	2.9	R 949.7	5.7	R 955.4
2012	0.0	39.1	0.6	R 220.7	0.1	67.9	5.0	589.5	7.5	R 891.3	3.0	R 933.4	5.9	R 939.4
2013	0.0	40.0	0.5	R 215.4	0.1	70.0	5.1	593.0	6.3	R 890.5	2.8	R 933.3	5.5	R 938.8
2014	0.0	44.6	0.5	R 220.9	0.1	69.4	5.3	585.2	3.6	R 884.9	2.8	R 932.3	5.6	R 937.9
2015	0.0	45.7	0.5	R 214.4	0.3	69.3	5.5	570.3	2.1	R 862.3	2.6	R 910.6	5.2	915.8
2016	0.0	42.5	0.4	R 198.2	0.3	70.4	5.0	574.3	2.6	R 851.2	2.7	R 896.5	5.2	R 901.7
2017	0.0	46.2	0.4	R 198.5	0.8	72.6	4.6	578.6	1.2	R 856.7	2.6	R 905.5	4.9	910.4
2018	0.0	48.9	0.4	210.8	0.5	74.6	4.4	561.4	1.3	R 853.3	2.4	R 904.6	4.4	R 909.0
2019	0.0	52.7	0.4	214.5	0.4	77.8	4.3	563.7	1.7	862.8	2.1	R 917.6	3.7	921.2
2020	0.0	49.5	0.3	R 203.7	0.2	45.1	3.7	477.7	0.7	731.4	1.5	R 782.4	2.4	R 784.8
2021	0.0	55.4	0.4	R 207.6	0.4	52.7	4.0	519.6	1.4	R 789.0	1.4	R 845.8	2.3	R 848.1
2022	0.0	R 60.4	0.4	R 212.2	0.6	56.7	4.2	509.6	1.5	R 788.0	1.8	R 850.2	2.9	R 853.1
2023	0.0	53.9	0.4	207.4	0.6	62.8	3.0	508.0	1.2	787.4	1.5	842.8	2.3	845.2

^a Transportation use of natural gas to operate pipelines and, since 1990, also includes vehicle fuel.

^b Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil.

^c Hydrocarbon gas liquids, assumed to be propane only.

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

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

^f Beginning in 2021, includes other petroleum products (biofuels product supplied) not shown separately.

^g 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.

^h There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.

ⁱ For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

^j 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. <https://www.eia.gov/state/seds/>