

**P** Table CT7. Transportation sector energy consumption estimates, selected years, 1960-2022, Pennsylvania

E N N S  Y L V A N I A	Coal	Natural gas <sup>a</sup>	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					
Year	Thousand short tons	Billion cubic feet	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	R 831	113,617	421	R 161,871	787	--	--	--
2017	0	44	73	34,489	203	12,811	R 765	114,497	196	R 163,034	755	--	--	--
2018	0	47	73	36,608	127	13,158	R 730	111,077	202	R 161,976	703	--	--	--
2019	0	51	84	37,250	96	13,720	R 705	111,575	269	R 163,700	619	--	--	--
2020	0	48	67	35,394	46	7,959	R 614	94,548	108	R 138,735	425	--	--	--
2021	0	53	77	R 36,004	104	9,293	R 653	102,894	229	R 149,942	407	--	--	--
2022	0	58	79	36,568	164	9,994	691	100,935	235	149,389	530	--	--	--
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	R 2.1	R 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	R 1.6	R 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	R 1.3	R 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	R 1.3	R 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	R 1.3	R 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	R 2.5	R 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	R 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	R 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	R 3.1	R 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	1,027.1	R 6.6	1,033.7
2006	0.0	28.8	1.1	236.2	0.7	93.4	6.8	624.8	26.3	989.2	2.8	1,022.8	R 6.0	R 1,028.8
2007	0.0	36.5	0.5	228.3	0.5	87.9	7.0	629.1	21.5	974.8	3.0	1,017.0	R 6.3	R 1,023.3
2008	0.0	39.0	0.5	199.0	1.1	81.8	6.5	611.3	22.2	922.5	2.9	966.7	R 6.3	R 973.0
2009	0.0	43.3	0.4	201.0	0.8	70.7	5.9	616.8	15.1	910.6	3.0	957.0	R 6.1	R 963.1
2010	0.0	49.5	0.5	208.2	0.1	69.6	5.5	610.6	5.0	899.5	3.0	952.1	R 6.1	R 958.2
2011	0.0	53.6	0.6	216.6	0.1	68.5	5.3	599.4	2.8	893.4	2.9	949.8	R 5.7	R 955.5
2012	0.0	39.1	0.6	220.8	0.1	67.9	5.0	589.5	7.5	891.4	3.0	933.5	R 5.9	R 939.4
2013	0.0	40.0	0.5	215.5	0.1	70.0	5.1	593.0	6.3	890.6	2.8	933.4	R 5.5	R 938.9
2014	0.0	44.6	0.5	221.0	0.1	69.4	5.3	585.2	3.6	885.0	2.8	932.4	R 5.6	R 938.0
2015	0.0	45.7	0.5	214.4	0.3	69.3	5.5	570.3	2.1	862.3	2.6	910.7	R 5.2	R 915.8
2016	0.0	42.5	0.4	198.3	0.3	70.4	5.0	574.3	2.6	R 851.3	2.7	R 896.6	R 5.2	R 901.8
2017	0.0	46.2	0.4	198.6	0.8	72.6	4.6	578.6	1.2	R 856.8	2.6	905.5	R 4.9	R 910.4
2018	0.0	48.9	0.4	210.8	0.5	74.6	4.4	561.4	1.3	R 853.4	2.4	R 904.7	R 4.4	R 909.1
2019	0.0	52.7	0.4	214.5	0.4	77.8	R 4.3	563.7	1.7	R 862.8	2.1	917.5	R 3.7	R 921.2
2020	0.0	49.5	0.3	203.7	0.2	45.1	3.7	477.7	0.7	731.4	1.5	R 782.4	R 2.4	784.8
2021	0.0	55.4	0.4	R 207.5	0.4	52.7	R 4.0	519.6	1.4	R 789.7	1.4	R 846.5	2.3	R 848.8
2022	0.0	60.0	0.4	210.8	0.6	56.7	4.2	509.6	1.5	787.7	1.8	849.5	2.9	852.5

<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/>