

Table CT1. Energy consumption estimates for selected energy sources in physical units, selected years, 1960-2023, Pennsylvania

Year	Coal Thousand short tons	Natural gas <sup>a</sup> Billion cubic feet	Petroleum							Nuclear electric power	Hydro-electric power <sup>g</sup> Million kilowatthours	Wind	Fuel ethanol <sup>h</sup> Thousand barrels	Biodiesel Thousand barrels
			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					
			Thousand barrels											
1960	60,646	522	46,257	2,334	1,036	80,104	42,958	24,318	197,008	230	1,826	0	NA	NA
1965	68,911	629	54,459	3,030	3,406	85,723	43,238	29,391	219,246	313	1,329	0	NA	NA
1970	68,574	772	63,489	4,754	9,083	101,718	60,436	29,116	268,595	465	1,366	0	NA	NA
1971	65,816	802	63,171	4,895	8,552	107,336	60,724	29,540	274,219	445	1,779	0	NA	NA
1972	67,167	829	69,280	5,577	8,669	116,142	60,152	31,373	291,193	288	1,533	0	NA	NA
1973	72,471	783	72,139	5,808	9,225	114,856	59,253	30,781	292,063	361	1,372	0	NA	NA
1974	67,601	716	72,016	5,687	8,954	108,823	56,643	30,455	282,578	6,998	1,393	0	NA	NA
1975	67,043	654	68,017	6,077	8,548	108,765	58,111	28,111	261,149	15,869	1,576	0	NA	NA
1976	67,651	714	75,108	6,399	8,436	117,709	50,302	29,815	287,768	16,425	1,416	0	NA	NA
1977	63,539	668	78,031	6,857	8,498	120,263	59,962	29,870	303,482	17,821	1,205	0	NA	NA
1978	63,179	674	75,378	7,345	8,958	121,978	58,363	31,426	303,447	22,329	760	0	NA	NA
1979	70,374	741	76,720	8,511	9,890	116,157	46,461	30,731	288,469	18,796	1,222	0	NA	NA
1980	65,911	776	68,602	7,255	10,148	107,925	35,099	27,507	256,535	12,091	734	0	NA	NA
1981	60,535	785	59,885	7,635	9,019	104,151	29,878	22,016	232,585	14,276	660	0	NA	NA
1982	52,472	695	52,945	7,170	8,625	102,134	20,869	22,964	214,706	16,472	1,829	0	NA	NA
1983	53,846	644	52,872	7,210	9,152	102,680	24,104	24,746	220,764	14,718	1,170	0	NA	NA
1984	58,648	677	58,961	8,778	10,465	102,159	22,962	26,715	230,040	21,564	1,447	0	NA	NA
1985	56,702	626	57,887	7,577	10,126	101,979	17,799	25,190	220,558	26,232	972	0	NA	NA
1986	53,103	610	57,627	8,430	9,915	104,103	23,616	26,705	230,397	39,820	1,453	0	NA	NA
1987	55,413	636	62,774	8,398	10,530	106,628	23,878	28,492	240,699	34,982	1,132	0	NA	NA
1988	58,799	669	63,581	6,105	11,705	110,729	22,033	30,022	244,174	37,862	705	0	NA	NA
1989	60,497	689	64,822	6,967	10,815	108,915	23,239	30,738	244,341	39,166	1,440	0	NA	NA
1990	61,019	656	59,661	6,313	12,042	107,467	18,762	31,040	235,286	57,787	2,869	0	NA	NA
1991	59,106	645	57,530	7,585	11,355	107,081	16,715	28,121	228,386	57,476	1,920	0	NA	NA
1992	61,879	692	59,492	9,176	10,932	107,406	15,617	29,579	232,202	60,133	2,578	0	NA	NA
1993	62,594	706	62,738	5,759	11,787	109,970	18,944	27,675	236,674	59,331	2,376	0	217	NA
1994	61,129	713	65,486	5,634	11,748	109,532	19,562	30,214	242,176	67,207	2,750	0	556	NA
1995	62,969	736	61,656	5,509	12,313	112,282	13,715	32,071	237,546	66,462	2,030	0	1,730	NA
1996	65,691	746	61,297	6,080	11,831	113,639	12,959	29,857	235,662	68,672	3,012	0	1,298	NA
1997	66,667	706	59,438	5,283	14,819	114,779	11,495	32,502	238,317	67,655	2,249	0	1,437	NA
1998	62,342	644	57,603	5,452	16,731	116,867	13,933	33,278	243,864	61,149	2,381	0	330	NA
1999	59,822	689	62,519	5,677	15,943	117,420	11,872	30,308	243,739	71,127	1,947	0	283	NA
2000	63,516	703	68,564	7,115	19,009	118,034	12,071	30,372	255,164	73,771	2,290	10	319	NA
2001	60,161	635	69,446	6,573	18,877	120,458	9,721	34,326	259,400	73,731	1,650	11	410	NA
2002	60,583	676	69,282	6,974	17,006	122,851	7,834	31,272	255,219	76,089	2,211	58	137	R 14
2003	61,992	690	68,326	11,231	17,473	122,575	11,456	32,814	263,875	74,361	3,346	112	163	R 12
2004	62,797	696	71,869	11,037	16,381	124,468	11,859	34,096	269,710	77,459	3,155	306	2,148	R 23
2005	65,044	692	71,764	12,209	16,826	123,808	14,200	34,745	273,552	76,289	2,232	284	1,367	R 77
2006	66,155	660	71,248	13,033	16,465	122,702	7,131	33,463	264,041	75,298	2,844	361	3,015	R 222
2007	65,693	752	70,216	13,307	15,503	123,970	6,623	31,760	261,379	77,376	2,236	470	4,047	R 301
2008	63,333	750	76,679	15,667	14,435	120,652	5,523	28,904	261,861	78,658	2,549	729	8,642	R 258
2009	55,063	810	58,339	15,461	12,476	122,112	4,168	28,254	240,810	77,328	2,683	1,075	10,726	R 274
2010	58,570	879	61,570	14,950	12,268	122,653	1,976	R 26,489	R 239,906	77,828	2,332	1,854	11,469	R 221
2011	54,790	966	62,870	15,444	12,085	119,726	1,415	R 23,897	R 235,438	76,147	3,217	1,794	11,362	R 751
2012	48,606	1,038	61,899	12,080	11,977	118,610	1,529	R 19,675	R 225,770	75,174	2,242	2,129	11,519	R 786
2013	50,019	1,122	63,647	12,897	12,349	119,409	1,251	R 21,745	R 231,299	78,714	2,525	3,352	11,770	R 1,272
2014	46,481	1,244	68,514	13,694	12,235	117,470	887	R 22,778	R 235,577	78,715	2,641	3,565	11,401	R 1,177
2015	39,033	1,256	65,441	13,077	12,217	117,027	428	R 23,624	R 231,814	80,517	2,604	3,353	11,297	R 1,112
2016	33,385	1,301	56,753	12,933	12,409	117,887	563	R 22,988	R 223,533	82,924	2,375	3,476	11,467	R 1,553
2017	30,420	1,350	57,758	12,890	12,811	118,831	292	23,482	226,065	83,200	3,123	3,591	11,754	R 1,422
2018	29,740	1,460	63,960	14,036	R 13,152	115,478	288	R 22,193	R 229,107	83,477	4,262	3,567	11,627	R 1,251
2019	25,494	1,618	60,277	14,570	R 13,723	115,994	369	R 18,634	R 223,567	83,230	3,503	3,250	11,708	R 1,088
2020	17,788	1,718	53,824	13,494	R 7,958	99,001	228	R 13,928	R 188,433	76,521	2,672	3,748	9,977	R 1,160
2021	22,036	1,801	59,861	13,875	R 9,294	107,361	323	R 15,223	R 205,937	75,903	3,135	3,455	10,928	R 952
2022	20,639	1,869	R 61,711	31,359	R 9,998	105,560	351	R 16,050	R 225,028	76,166	2,653	3,572	10,781	R 898
2023	15,304	1,876	59,249	47,471	11,067	105,257	278	15,008	238,330	75,305	2,783	3,258	10,709	1,215

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