

Table CT1. Energy Consumption Estimates for Major Energy Sources in Physical Units, Selected Years, 1960-2014, Pennsylvania

Year	Coal	Natural Gas ^a	Petroleum							Nuclear Electric Power	Hydro-electric Power ^f	Fuel Ethanol ^g
			Distillate Fuel Oil	Jet Fuel ^b	LPG ^c	Motor Gasoline ^d	Residual Fuel Oil	Other ^e	Total			
Thousand Short Tons	Billion Cubic Feet	Thousand Barrels							Million Kilowatthours		Thousand Barrels	
1960	60,646	522	46,257	1,036	2,334	80,104	42,958	24,318	197,008	230	1,826	NA
1965	68,911	629	54,459	3,406	3,030	85,723	43,238	29,391	219,246	313	1,329	NA
1970	68,574	772	63,489	9,083	4,754	101,718	60,436	29,116	268,595	465	1,366	NA
1971	65,816	802	63,171	8,552	4,895	107,336	60,724	29,540	274,219	445	779	NA
1972	67,167	829	69,280	8,669	5,577	116,142	60,152	31,373	291,193	288	1,533	NA
1973	72,471	783	72,139	9,225	5,808	114,856	59,253	30,781	292,063	361	1,372	NA
1974	67,601	716	72,016	8,954	5,687	108,823	56,643	30,455	282,578	6,998	1,393	NA
1975	67,043	654	68,017	8,548	6,077	108,765	41,631	28,111	261,149	15,869	1,576	NA
1976	67,651	714	75,108	8,436	6,399	117,709	50,302	29,815	287,768	16,425	1,416	NA
1977	63,539	668	78,031	8,498	6,857	120,263	59,962	29,870	303,482	17,821	1,205	NA
1978	63,179	674	75,378	8,958	7,345	121,978	58,363	31,426	303,447	22,329	760	NA
1979	70,374	741	76,720	9,890	8,511	116,157	46,461	30,731	288,469	18,796	1,222	NA
1980	65,911	776	68,602	10,148	7,255	107,925	35,099	27,507	256,535	12,091	734	NA
1981	60,535	785	59,885	9,019	7,635	104,151	29,878	22,016	232,585	14,276	660	0
1982	52,472	695	52,945	8,625	7,170	102,134	20,869	22,964	214,706	16,472	1,829	0
1983	53,846	644	52,872	9,152	7,210	102,680	24,104	24,746	220,764	14,718	1,170	0
1984	58,648	677	58,961	10,465	8,778	102,159	22,962	26,715	230,040	21,564	1,447	0
1985	56,702	626	57,887	10,126	7,577	101,979	17,799	25,190	220,558	26,232	972	0
1986	53,103	610	57,627	9,915	8,430	104,103	23,616	26,705	230,397	39,820	1,453	0
1987	55,413	636	62,774	10,530	8,398	106,628	23,878	28,492	240,699	34,982	1,132	0
1988	58,799	669	63,581	11,705	6,105	110,729	22,033	30,022	244,174	37,862	705	0
1989	60,497	689	64,822	9,661	6,967	108,915	23,239	30,738	244,341	39,166	1,440	0
1990	61,019	656	59,661	12,042	6,313	107,467	18,762	31,040	235,286	57,787	2,869	0
1991	59,106	645	57,530	11,355	7,585	107,081	16,715	28,121	228,386	57,476	1,920	0
1992	61,879	692	59,492	10,932	9,176	107,406	15,617	29,579	232,202	60,133	2,578	0
1993	62,594	706	62,738	11,787	5,759	109,970	18,944	27,675	236,874	59,331	2,376	217
1994	61,129	713	65,486	11,748	5,634	109,532	19,562	30,214	242,176	67,207	2,750	556
1995	62,969	736	61,656	12,313	5,509	112,282	13,715	32,071	237,546	66,462	2,030	1,730
1996	65,691	746	61,297	11,831	6,080	113,639	12,959	29,857	235,662	68,672	3,012	1,298
1997	66,667	706	59,438	14,819	5,283	114,779	11,495	32,502	238,317	67,655	2,249	1,437
1998	62,342	644	57,603	16,731	5,452	116,867	13,933	33,278	243,864	61,149	2,381	330
1999	59,822	689	62,519	15,943	5,677	117,420	11,872	30,308	243,739	71,127	1,947	283
2000	63,516	703	68,564	19,009	7,115	118,034	12,071	30,372	255,164	73,771	2,290	319
2001	60,161	635	69,446	18,877	6,573	120,458	9,721	34,326	259,400	73,731	1,650	410
2002	60,583	676	69,282	17,006	6,974	122,851	7,834	31,272	255,219	76,089	2,211	137
2003	61,992	690	68,326	17,473	11,231	122,575	11,456	32,814	263,875	74,361	3,346	163
2004	62,797	696	71,869	16,381	11,037	124,468	11,859	34,096	269,710	77,459	3,155	2,148
2005	65,044	692	71,764	16,826	12,209	123,808	14,200	34,745	273,552	76,289	2,232	1,367
2006	66,155	660	71,248	16,465	13,033	122,702	7,131	33,463	264,041	75,298	2,844	3,015
2007	65,693	752	70,216	15,503	13,307	123,970	6,623	31,760	261,379	77,376	2,236	4,047
2008	63,333	750	76,679	14,435	15,667	120,652	5,523	28,904	261,861	78,658	2,549	8,642
2009	55,063	810	58,339	12,476	15,461	122,112	4,168	28,254	240,810	77,328	2,683	10,726
2010	58,570	879	61,570	12,447	15,135	122,653	1,976	27,907	241,687	77,828	2,332	11,448
2011	54,790	966	62,870	8,201	15,792	119,726	1,415	25,212	233,216	76,147	3,217	11,341
2012	48,606	1,038	61,899	8,179	13,266	118,610	1,529	20,862	224,345	75,174	2,242	11,498
2013	50,019	1,122	63,647	7,322	13,095	119,409	1,251	22,937	227,661	78,714	2,525	11,750
2014	46,481	1,201	68,514	7,005	13,237	117,141	887	24,031	230,815	78,715	2,641	11,410

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.^b 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."^c Liquefied petroleum gases, includes ethane and olefins.^d Motor gasoline as it is consumed; includes fuel ethanol blended into motor gasoline.^e Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."^f Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be

separately identified.

^g Includes denaturant. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes. NA = Not available.

Where shown, R = Revised data and (s) = Value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

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

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

P E N N S Y L V A N I A Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2014, Pennsylvania
(Trillion Btu)

Year	Fossil Fuels										Fossil Fuels (as commingled)	
	Coal	Natural Gas excluding Supplemental Gaseous Fuels ^a	Petroleum							Total	Natural Gas including Supplemental Gaseous Fuels ^a	Motor Gasoline including Fuel Ethanol ^a
			Distillate Fuel Oil	Jet Fuel ^b	LPG ^c	Motor Gasoline excluding Fuel Ethanol ^a	Residual Fuel Oil	Other ^d	Total			
1960	1,530.5	540.1	269.4	5.7	9.3	420.8	270.1	145.9	1,121.2	3,191.8	540.1	420.8
1965	1,751.3	652.9	317.2	19.2	12.1	450.3	271.8	175.8	1,246.4	3,650.6	652.9	450.3
1970	1,699.0	797.9	369.8	51.4	18.0	534.3	380.0	175.7	1,529.1	4,026.0	797.9	534.3
1971	1,619.6	828.6	368.0	48.4	18.5	563.8	381.8	177.9	1,558.4	4,006.6	828.6	563.8
1972	1,662.3	856.3	403.6	49.0	21.0	610.1	378.2	188.9	1,650.8	4,169.4	856.3	610.1
1973	1,798.6	811.5	420.2	52.2	21.8	603.3	372.5	185.8	1,655.8	4,266.0	811.5	603.3
1974	1,661.4	732.7	419.5	50.7	21.3	571.6	356.1	183.8	1,603.0	3,997.0	732.7	571.6
1975	1,646.7	670.1	396.2	48.4	22.7	571.3	261.7	169.4	1,469.7	3,786.5	670.1	571.3
1976	1,682.8	731.4	437.5	47.7	23.8	618.3	316.3	180.0	1,623.6	4,037.8	731.4	618.3
1977	1,578.0	682.4	454.5	48.1	25.3	631.7	377.0	180.8	1,717.5	3,977.8	682.4	631.7
1978	1,572.5	688.3	439.1	50.7	27.0	640.7	366.9	189.8	1,714.2	3,975.0	688.3	640.7
1979	1,756.3	756.1	446.9	56.0	31.3	610.2	292.1	185.6	1,622.0	4,134.4	756.1	610.2
1980	1,636.1	789.6	399.6	57.4	26.8	566.9	220.7	165.6	1,436.9	3,862.6	789.6	566.9
1981	1,495.9	791.2	348.8	51.0	28.0	547.1	187.8	135.5	1,298.3	3,585.4	802.0	547.1
1982	1,291.5	708.3	308.4	48.8	26.2	536.5	131.2	141.1	1,192.2	3,192.0	714.1	536.5
1983	1,337.5	658.7	308.0	51.8	26.4	539.4	151.5	150.7	1,227.7	3,223.9	662.6	539.4
1984	1,462.3	699.6	343.4	59.2	32.0	536.6	144.4	161.1	1,276.7	3,438.7	699.7	536.6
1985	1,409.1	646.7	337.2	57.3	27.7	535.7	111.9	153.9	1,223.7	3,279.5	646.9	535.7
1986	1,318.4	631.7	335.7	56.1	30.9	546.9	148.5	164.2	1,282.2	3,232.3	631.9	546.9
1987	1,381.1	658.8	365.7	59.6	31.0	560.1	150.1	174.6	1,341.0	3,380.9	659.1	560.1
1988	1,466.2	692.5	370.4	66.2	22.7	581.7	138.5	182.4	1,361.9	3,520.5	692.7	581.7
1989	1,490.9	714.7	377.6	54.6	26.0	572.1	146.1	187.1	1,363.5	3,569.1	715.0	572.1
1990	1,469.7	680.5	347.5	68.2	23.4	564.5	118.0	189.9	1,311.4	3,461.6	680.7	564.5
1991	1,425.2	666.9	335.1	64.3	28.0	562.5	105.1	172.2	1,267.1	3,359.3	667.2	562.5
1992	1,473.2	717.2	346.5	61.9	33.8	564.2	98.2	179.8	1,284.4	3,474.7	717.3	564.2
1993	1,487.0	731.7	365.5	66.7	21.4	574.6	119.1	168.9	1,316.1	3,534.9	731.8	574.6
1994	1,439.6	738.9	381.1	66.5	21.1	571.0	123.0	185.1	1,347.9	3,526.4	739.1	573.0
1995	1,484.1	761.4	358.8	69.8	20.7	579.9	86.2	196.3	1,311.8	3,557.3	761.5	585.9
1996	1,543.7	770.9	356.7	67.1	22.8	588.5	81.5	182.4	1,298.9	3,613.5	771.2	593.0
1997	1,569.6	730.6	345.9	84.0	19.9	593.6	72.3	198.0	1,313.7	3,614.0	730.8	598.6
1998	1,466.0	667.2	335.2	94.9	20.6	608.3	87.6	203.2	1,349.8	3,483.0	667.2	609.5
1999	1,415.0	713.4	363.8	90.4	21.4	611.1	74.6	183.3	1,344.7	3,473.1	713.6	612.1
2000	1,508.1	727.2	399.0	107.8	26.8	614.3	75.9	185.6	1,409.4	3,644.7	727.5	615.4
2001	1,392.2	669.0	404.1	107.0	24.5	626.6	61.1	209.8	1,433.2	3,494.3	669.1	628.1
2002	1,457.3	700.5	403.1	96.4	26.1	639.7	49.3	190.6	1,405.3	3,563.1	700.6	640.2
2003	1,462.0	717.5	397.6	99.1	41.7	637.2	72.0	200.7	1,448.2	3,627.7	717.6	637.8
2004	1,474.3	723.2	418.1	92.9	40.9	639.9	74.6	210.0	1,476.4	3,673.9	723.3	647.4
2005	1,490.8	719.1	417.5	95.4	44.9	638.8	89.3	214.1	1,500.0	3,710.0	719.3	643.6
2006	1,499.3	684.7	413.5	93.4	47.8	626.5	44.8	205.9	1,431.9	3,615.9	684.8	636.9
2007	1,491.9	780.1	406.2	87.9	48.9	625.0	41.6	195.7	1,405.3	3,677.3	780.2	639.1
2008	1,421.1	778.3	443.2	81.8	R 57.3	588.5	34.7	R 178.3	R 1,383.9	R 3,583.2	778.4	618.5
2009	1,223.9	839.5	337.3	70.7	R 56.4	585.8	26.2	R 174.7	R 1,251.0	R 3,314.4	839.7	622.9
2010	1,310.7	909.3	355.8	70.6	R 55.3	583.1	12.4	R 172.5	R 1,249.7	R 3,469.6	909.3	622.8
2011	1,213.0	1,000.5	363.1	46.5	R 57.3	567.4	8.9	R 155.5	R 1,198.7	R 3,412.2	1,000.5	606.8
2012	1,093.2	1,079.5	357.4	46.4	R 48.3	560.6	9.6	R 129.3	R 1,151.7	R 3,324.4	1,079.5	600.5
2013	1,126.1	R 1,176.7	367.5	41.5	R 48.2	R 563.7	7.9	R 140.6	R 1,169.4	R 3,472.2	R 1,176.7	R 604.4
2014	1,039.2	1,257.1	395.6	39.7	48.5	553.1	5.6	147.9	1,190.5	3,486.7	1,257.1	592.7

^a Supplemental gaseous fuels (SGF) and fuel ethanol are consumed with natural gas and motor gasoline, respectively. In this table, natural gas excluding SGF and motor gasoline excluding fuel ethanol are presented so that a fossil fuel total can be calculated. Natural gas including SGF and motor gasoline including fuel ethanol are presented separately for reference.

^b 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."

^c Liquefied petroleum gases, includes ethane and olefins.

^d Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Note: Totals may not equal sum of components due to independent rounding.

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

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2014, Pennsylvania (Continued)
(Trillion Btu)

Year	Nuclear Electric Power	Renewable Energy									Net Interstate Flow of Electricity ^j	Net Electricity Imports ^k	Total
		Hydro- electric Power ^e	Biomass				Geo- thermal	Solar/PV ⁱ	Wind	Total			
			Wood and Waste ^f	Fuel Ethanol ^g	Losses and Co- products ^h	Total							
1960	2.7	19.6	46.5	NA	NA	46.5	0.0	NA	NA	66.1	-7.0	0.0	3,253.6
1965	3.7	13.9	47.4	NA	NA	47.4	0.0	NA	NA	61.3	16.9	0.0	3,732.5
1970	5.1	14.3	53.2	NA	NA	53.2	0.0	NA	NA	67.5	8.5	0.0	4,107.1
1971	4.8	8.2	52.4	NA	NA	52.4	0.0	NA	NA	60.6	-26.8	0.0	4,045.2
1972	3.1	15.9	54.2	NA	NA	54.2	0.0	NA	NA	70.1	-54.6	0.0	4,188.1
1973	3.9	14.3	56.6	NA	NA	56.6	0.0	NA	NA	70.9	-46.1	0.0	4,294.7
1974	78.1	14.5	57.5	NA	NA	57.5	0.0	NA	NA	72.1	-22.9	0.0	4,124.3
1975	174.8	16.4	57.5	NA	NA	57.5	0.0	NA	NA	73.9	-120.9	0.0	3,914.3
1976	181.4	14.7	66.5	NA	NA	66.5	0.0	NA	NA	81.2	-135.9	0.0	4,164.6
1977	191.9	12.6	71.7	NA	NA	71.7	0.0	NA	NA	84.3	-126.4	0.0	4,127.7
1978	244.3	7.9	82.7	NA	NA	82.7	0.0	NA	NA	90.5	-180.8	0.0	4,129.0
1979	204.5	12.7	94.2	NA	NA	94.2	0.0	NA	NA	106.8	-195.4	0.0	4,250.3
1980	131.9	7.6	129.2	NA	NA	129.2	0.0	NA	NA	136.8	-134.4	0.0	3,996.9
1981	157.5	6.9	140.8	0.0	0.0	140.8	0.0	NA	NA	147.7	-80.1	0.0	3,810.4
1982	182.4	19.1	130.5	0.0	0.0	130.5	0.0	NA	NA	149.6	-160.1	0.0	3,363.9
1983	160.5	12.3	154.8	0.0	0.0	154.8	0.0	NA	0.0	167.1	-173.7	0.0	3,377.8
1984	233.8	15.1	136.9	0.0	0.0	136.9	0.0	0.0	0.0	152.0	-219.1	0.0	3,605.4
1985	278.6	10.1	138.1	0.0	0.0	138.1	0.0	0.0	0.0	148.2	-271.7	0.0	3,434.6
1986	421.3	15.2	102.0	0.0	0.0	102.0	0.0	0.0	0.0	117.2	-391.8	0.0	3,378.9
1987	365.3	11.8	96.2	0.0	0.0	96.2	0.0	0.0	0.0	108.0	-301.7	0.0	3,552.5
1988	401.4	7.3	100.9	0.0	0.0	100.9	0.0	0.0	0.0	108.2	-315.9	0.0	3,714.3
1989	414.5	15.0	82.5	0.0	0.0	82.5	0.2	0.4	0.0	98.1	-342.5	0.0	3,739.2
1990	611.5	29.8	61.4	0.0	0.0	61.4	0.2	0.5	0.0	91.9	-528.9	0.0	3,636.1
1991	602.6	20.0	69.5	0.0	0.0	69.5	0.2	0.5	0.0	90.3	-478.9	0.0	3,573.3
1992	629.6	26.7	80.2	0.0	0.0	80.2	0.3	0.5	0.0	107.6	-535.8	0.0	3,676.1
1993	623.2	24.5	79.5	0.8	0.0	80.3	0.3	0.5	0.0	105.5	-515.3	0.0	3,748.3
1994	702.4	28.4	83.0	1.9	0.0	84.9	0.3	0.5	0.0	114.0	-521.3	0.5	3,822.1
1995	698.3	20.9	91.5	6.0	0.0	97.5	0.3	0.5	0.0	119.3	-495.4	0.1	3,879.6
1996	721.3	31.1	99.0	4.5	0.0	103.6	0.4	0.5	0.0	135.6	-558.6	0.7	3,912.5
1997	710.0	23.0	90.8	5.0	0.0	95.7	0.4	0.5	0.0	119.7	-567.6	0.4	3,876.4
1998	641.5	24.3	85.3	1.1	0.0	86.4	0.5	0.5	0.0	111.7	-518.9	-0.6	3,716.8
1999	743.3	19.9	88.4	1.0	0.0	89.3	0.5	0.5	0.0	110.2	-573.0	-0.1	3,753.5
2000	769.4	23.4	89.2	1.1	0.0	90.3	0.5	0.5	0.1	114.7	-601.0	0.0	3,927.7
2001	770.0	17.0	77.6	1.4	0.0	79.0	0.5	0.4	0.1	97.2	-526.6	0.0	3,834.9
2002	794.5	22.5	72.5	0.5	0.0	73.0	0.6	0.4	0.6	97.1	-559.4	-0.3	3,895.0
2003	775.0	33.9	73.8	0.6	0.0	74.3	0.8	0.4	1.1	110.5	-568.7	-0.3	3,944.2
2004	807.7	31.6	74.4	7.5	0.0	81.9	0.9	0.4	3.1	117.9	-607.8	-0.6	3,991.1
2005	796.2	22.3	77.6	4.7	0.0	82.3	1.0	0.5	2.8	109.0	-600.2	-1.0	4,014.0
2006	785.7	28.2	73.8	10.5	0.0	84.2	1.1	0.6	3.6	117.7	-633.5	-0.3	3,885.5
2007	811.6	22.1	76.6	14.0	0.0	90.6	1.3	R 0.7	4.6	119.3	-645.4	0.2	3,963.0
2008	822.1	25.1	80.5	30.0	0.0	110.5	1.5	0.8	7.2	145.1	-608.2	1.8	R 3,944.1
2009	808.8	26.2	87.1	37.1	0.0	124.2	1.8	1.0	10.5	163.6	-658.9	0.6	R 3,628.5
2010	813.5	22.8	R 86.8	39.7	5.8	132.2	2.0	R 1.7	18.1	R 176.8	-709.1	1.4	R 3,752.3
2011	796.8	31.3	R 98.3	39.3	6.1	R 143.7	2.2	R 3.4	17.4	198.0	-683.5	1.5	R 3,725.0
2012	787.8	21.3	R 95.9	39.9	5.7	R 141.5	2.2	R 4.1	20.3	189.4	-682.1	4.6	R 3,624.0
2013	822.5	24.1	R 107.5	R 40.8	6.0	R 154.2	2.2	R 4.7	32.0	R 217.2	R -688.6	R 3.8	R 3,827.0
2014	823.3	25.1	103.2	39.6	6.1	149.0	2.2	4.8	33.9	214.9	-624.4	1.9	3,902.4

^e Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

^f Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

^g Excludes denaturant. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes.

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

ⁱ Solar thermal and photovoltaic energy.

^j 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.

^k 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.

Note: Totals may not equal sum of components due to independent rounding.

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

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

P E N N S Y L V A N I A Table CT3. Total End-Use Energy Consumption Estimates, Selected Years, 1960-2014, Pennsylvania

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum							Hydro-electric Power ^{f,g} Million Kilowatt-hours	Biomass		Geo-thermal ^g	Solar Thermal/ Photo-voltaic ^g	Retail Electricity Sales	Net Energy ^{g,j}	Electrical System Energy Losses ^k	Total ^{g,j}
			Distillate Fuel Oil	Jet Fuel ^b	LPG ^c	Motor Gasoline ^d	Residual Fuel Oil	Other ^e	Total		Wood and Waste ^{g,h}	Losses and Co-products ⁱ			Million Kilowatt-hours			
Thousand Barrels																		
1960	42,584	516	45,772	1,036	2,334	80,104	40,211	24,318	193,776	16	--	--	--	--	39,217	--	--	--
1965	45,729	628	53,867	3,406	3,030	85,723	39,886	29,391	215,303	15	--	--	--	--	53,530	--	--	--
1970	39,433	763	59,530	9,083	4,754	101,718	37,934	29,116	242,135	12	--	--	--	--	75,620	--	--	--
1975	30,384	653	64,677	8,469	6,077	108,765	31,359	28,111	247,457	1	--	--	--	--	87,736	--	--	--
1980	23,445	773	66,364	10,148	7,255	107,925	17,872	27,191	236,754	1	--	--	--	--	99,744	--	--	--
1985	14,989	624	56,464	10,126	7,577	101,979	6,177	24,409	206,731	1	--	--	--	--	100,152	--	--	--
1990	15,854	641	57,522	12,042	6,313	107,467	12,112	30,035	225,492	0	--	--	--	--	114,751	--	--	--
1995	16,074	696	60,257	12,313	5,509	112,282	8,879	30,761	230,001	0	--	--	--	--	126,251	--	--	--
2000	11,250	682	65,971	19,009	7,115	118,034	7,327	30,346	247,802	0	--	--	--	--	133,845	--	--	--
2001	10,863	612	68,279	18,877	6,573	120,458	4,546	34,303	253,035	0	--	--	--	--	135,272	--	--	--
2002	10,724	625	68,043	17,006	6,974	122,851	4,570	30,660	250,104	0	--	--	--	--	139,820	--	--	--
2003	11,066	649	66,980	17,473	11,231	122,575	5,634	31,971	255,863	0	--	--	--	--	140,369	--	--	--
2004	11,099	620	70,797	16,381	11,037	124,468	6,529	33,045	262,256	0	--	--	--	--	143,501	--	--	--
2005	10,580	611	70,491	16,826	12,209	123,808	7,141	34,211	264,687	0	--	--	--	--	148,273	--	--	--
2006	10,219	559	70,597	16,465	13,033	122,702	6,181	33,284	262,262	0	--	--	--	--	146,150	--	--	--
2007	9,981	608	69,379	15,503	13,307	123,970	5,108	31,760	259,026	0	--	--	--	--	151,573	--	--	--
2008	9,338	609	75,885	14,435	^R 15,667	120,652	4,822	28,768	^R 260,229	0	--	--	--	--	150,401	--	--	--
2009	6,211	599	57,747	12,476	^R 15,461	122,112	3,392	^R 28,114	^R 239,302	0	--	--	--	--	143,747	--	--	--
2010	7,682	634	60,835	12,447	^R 15,135	122,653	1,568	^R 27,907	^R 240,544	0	--	--	--	--	148,964	--	--	--
2011	7,388	659	62,199	8,201	^R 15,792	119,726	1,184	^R 25,212	^R 232,314	0	--	--	--	--	148,757	--	--	--
2012	7,003	644	61,397	8,179	^R 13,266	118,610	1,423	^R 20,862	^R 223,737	0	--	--	--	--	144,710	--	--	--
2013	8,027	^R 759	63,076	7,322	^R 13,095	^R 119,409	1,154	^R 22,937	^R 226,993	0	--	--	--	--	^R 146,254	--	--	--
2014	8,173	813	67,511	7,005	13,237	117,141	659	24,031	229,584	0	--	--	--	--	146,688	--	--	--

Trillion Btu																		
1960	1,107.2	533.9	266.6	5.7	9.3	420.8	252.8	145.9	1,101.1	0.2	46.5	NA	NA	NA	133.8	2,922.7	330.9	3,253.6
1965	1,192.7	651.6	313.8	19.2	12.1	450.3	250.8	175.8	1,221.9	0.2	47.4	NA	NA	NA	182.6	3,296.5	436.0	3,732.5
1970	1,018.8	788.2	346.8	51.4	18.0	534.3	238.5	175.7	1,364.6	0.1	53.2	NA	NA	NA	258.0	3,482.9	624.2	4,107.1
1975	785.3	668.9	376.7	47.9	22.7	571.3	197.2	169.4	1,385.2	(s)	57.5	NA	NA	NA	299.4	3,196.2	718.1	3,914.3
1980	609.4	789.9	386.6	57.4	26.8	566.9	112.4	163.7	1,313.7	(s)	129.2	NA	NA	NA	340.3	3,179.3	817.6	3,996.9
1985	389.4	645.4	328.9	57.3	27.7	535.7	38.8	149.2	1,137.6	(s)	138.1	0.0	NA	NA	341.7	2,652.0	782.7	3,434.6
1990	415.0	666.7	335.1	68.2	23.4	564.5	76.1	183.9	1,251.1	0.0	52.5	0.0	0.2	0.5	391.5	2,777.3	858.8	3,636.1
1995	421.7	720.9	350.7	69.8	20.7	585.9	55.8	188.4	1,271.3	0.0	63.8	0.0	0.3	0.5	430.8	2,909.3	970.3	3,879.6
2000	297.5	706.2	383.9	107.8	26.8	615.4	46.1	185.5	1,365.4	0.0	57.7	0.0	0.5	0.5	456.7	2,884.1	1,043.6	3,927.7
2001	285.7	645.7	397.3	107.0	24.5	628.1	28.6	209.6	1,395.1	0.0	52.5	0.0	0.5	0.4	461.5	2,841.5	993.4	3,834.9
2002	282.4	648.9	395.9	96.4	26.1	640.2	28.7	186.9	1,374.3	0.0	47.4	0.0	0.6	0.4	477.1	2,831.1	1,063.9	3,895.0
2003	291.6	674.7	389.8	99.1	41.7	637.8	35.4	195.6	1,399.3	0.0	49.2	0.0	0.8	0.4	478.9	2,894.7	1,049.5	3,944.2
2004	290.4	644.3	411.9	92.9	40.9	647.4	41.0	204.0	1,438.1	0.0	50.4	0.0	0.9	0.4	489.6	2,914.1	1,077.0	3,991.1
2005	265.9	635.7	410.1	95.4	44.9	643.6	44.9	211.0	1,450.0	0.0	52.6	0.0	1.0	0.5	505.9	2,911.5	1,102.5	4,014.0
2006	256.2	580.4	409.7	93.4	47.8	636.9	38.9	204.9	1,431.6	0.0	48.3	0.0	1.1	0.6	498.7	2,816.8	1,068.7	3,885.5
2007	250.3	631.9	401.4	87.9	48.9	639.1	32.1	195.7	1,405.0	0.0	50.2	0.0	1.3	R 0.7	517.2	R 2,856.4	1,106.7	R 3,963.0
2008	232.5	632.6	438.6	81.8	R 57.3	618.5	30.3	177.5	R 1,404.1	0.0	51.9	0.0	1.5	0.8	513.2	R 2,836.5	1,107.6	R 3,944.1
2009	152.9	623.0	333.8	70.7	R 56.4	622.9	21.3	R 173.9	R 1,279.1	0.0	58.5	0.0	1.8	0.9	490.5	R 2,606.5	1,022.0	R 3,628.5
2010	190.9	657.1	351.5	70.6	R 55.3	622.8	9.9	R 172.5	R 1,282.6	0.0	56.6	5.8	2.0	1.7	508.3	R 2,704.9	1,047.4	R 3,752.3
2011	184.6	685.5	359.3	46.5	R 57.3	606.8	7.4	R 155.5	R 1,232.8	0.0	R 69.6	6.1	2.2	R 3.3	507.6	R 2,691.6	1,033.4	R 3,725.0
2012	188.9	672.5	354.5	46.4	R 48.3	600.5	8.9	R 129.3	R 1,188.0	0.0	R 68.3	5.7	2.2	R 3.9	493.7	R 2,623.4	1,000.6	R 3,624.0
2013	220.3	R 798.6	364.2	41.5	R 48.2	R 604.4	7.3	R 140.6	R 1,206.3	0.0	R 80.0	6.0	2.2	R 4.2	499.0	R 2,816.4	R 1,010.5	R 3,827.0
2014	224.9	852.8	389.8	39.7	48.5	592.7	4.1	147.9	1,222.9	0.0	76.3	6.1	2.2	4.3	500.5	2,889.9	1,012.5	3,902.4

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
^b 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."
^c Liquefied petroleum gases, includes ethane and olefins.
^d Beginning in 1993, includes fuel ethanol blended into motor gasoline.
^e Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."
^f Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
^g There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
^h Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
ⁱ Losses and co-products from the production of fuel ethanol.
^j Beginning in 2009, includes wind energy consumed by the commercial and industrial sectors. For 1981 through 1992, includes fuel ethanol

blended into motor gasoline that is not included in the motor gasoline column. 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 net energy and total.
^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: Total end-use 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 the changing data sources and estimation methodologies. • See the Technical Notes for each type of energy.
 Web Page: All data are available at <http://www.eia.gov/state/seds/seds-data-complete.cfm>.
 Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2014, Pennsylvania

Year	Coal ^a	Natural Gas ^b	Petroleum				Biomass	Geothermal ^e	Solar/PV ^{e,f}	Retail Electricity Sales	Net Energy ^{e,g}	Electrical System Energy Losses ^h	Total ^{e,g}
	Thousand Short Tons	Billion Cubic Feet	Distillate Fuel Oil	Kerosene	LPG ^c	Total	Wood ^d			Million Kilowatthours			
			Thousand Barrels				Thousand Cords						
1960	5,236	232	25,101	2,763	959	28,824	1,307	--	--	11,094	--	--	--
1965	3,185	256	28,391	2,753	1,151	32,294	1,060	--	--	14,807	--	--	--
1970	2,028	297	31,242	3,368	1,612	36,222	1,024	--	--	23,007	--	--	--
1975	561	273	31,587	2,023	1,799	35,409	1,039	--	--	27,678	--	--	--
1980	329	288	27,838	2,362	1,355	31,556	2,666	--	--	31,767	--	--	--
1985	280	245	24,185	2,853	1,961	28,999	2,478	--	--	32,686	--	--	--
1990	262	240	20,207	1,377	2,160	23,744	1,300	--	--	38,164	--	--	--
1995	154	262	20,307	2,064	2,635	25,006	1,172	--	--	42,802	--	--	--
1996	119	279	20,704	2,411	2,867	25,983	1,217	--	--	43,645	--	--	--
1997	137	262	19,169	2,541	2,824	24,534	691	--	--	42,785	--	--	--
1998	93	218	16,232	2,906	2,973	22,112	614	--	--	42,923	--	--	--
1999	83	241	19,175	2,518	3,184	24,877	630	--	--	44,126	--	--	--
2000	82	263	20,910	2,790	3,829	27,530	678	--	--	45,008	--	--	--
2001	86	239	20,863	2,884	2,968	26,715	625	--	--	46,030	--	--	--
2002	70	239	20,503	1,985	3,424	25,913	634	--	--	48,730	--	--	--
2003	91	265	22,927	1,597	4,285	28,808	667	--	--	49,651	--	--	--
2004	68	248	22,427	1,941	4,128	28,495	684	--	--	50,663	--	--	--
2005	50	245	19,896	1,822	3,937	25,654	771	--	--	53,661	--	--	--
2006	56	206	16,902	1,420	3,897	22,219	684	--	--	51,790	--	--	--
2007	72	231	17,139	945	4,509	22,593	756	--	--	54,587	--	--	--
2008	0	229	26,532	492	5,181	32,205	846	--	--	54,060	--	--	--
2009	0	228	13,305	686	5,617	19,608	1,205	--	--	52,906	--	--	--
2010	0	224	14,793	743	5,426	20,962	1,052	--	--	55,253	--	--	--
2011	0	219	13,963	454	R 5,022	R 19,439	1,076	--	--	54,796	--	--	--
2012	0	197	12,273	190	4,406	16,869	1,004	--	--	52,876	--	--	--
2013	0	R 232	13,759	203	4,947	18,909	1,387	--	--	R 54,252	--	--	--
2014	0	255	15,798	358	4,909	21,066	1,387	--	--	54,195	--	--	--
Trillion Btu													
1960	129.5	240.2	146.2	15.7	3.7	165.6	26.1	NA	NA	37.9	599.2	93.6	692.8
1965	77.6	265.3	165.4	15.6	4.4	185.4	21.2	NA	NA	50.5	600.0	120.6	720.6
1970	47.8	306.8	182.0	19.1	6.2	207.3	20.5	NA	NA	78.5	660.8	189.9	850.7
1975	12.6	279.5	184.0	11.5	6.9	202.4	20.8	NA	NA	94.4	609.7	226.5	836.2
1980	7.6	294.7	162.2	13.4	5.2	180.7	53.3	NA	NA	108.4	643.5	260.4	903.9
1985	6.6	253.2	140.9	16.2	7.5	164.6	49.6	NA	NA	111.5	585.4	255.4	840.9
1990	6.6	249.5	117.7	7.8	8.3	133.8	26.0	0.2	0.5	130.2	546.6	285.6	832.2
1995	3.8	271.4	118.2	11.7	10.1	140.0	23.4	0.2	0.5	146.0	585.4	328.9	914.3
1996	2.9	288.1	120.5	13.7	11.0	145.2	24.3	0.2	0.5	148.9	610.1	336.5	946.7
1997	3.4	271.7	111.6	14.4	10.8	136.8	13.8	0.3	0.5	146.0	572.4	322.3	894.7
1998	2.3	225.8	94.5	16.5	11.4	122.3	12.3	0.3	0.5	146.5	510.0	322.1	832.1
1999	2.1	250.2	111.6	14.3	12.2	138.1	12.6	0.3	0.5	150.6	554.2	336.1	890.4
2000	2.2	272.0	121.7	15.8	14.7	152.2	13.6	0.3	0.5	153.6	594.1	350.9	945.1
2001	2.2	251.9	121.4	16.4	11.4	149.1	12.5	0.3	0.4	157.1	573.5	338.0	911.5
2002	1.8	248.1	119.3	11.3	13.1	143.7	12.7	0.3	0.4	166.3	573.3	370.8	944.1
2003	2.3	275.6	133.4	9.1	16.4	158.9	13.3	0.4	0.4	169.4	620.4	371.2	991.6
2004	1.7	257.5	130.5	11.0	15.8	157.3	13.7	0.5	0.4	172.9	604.0	380.2	984.2
2005	1.3	255.0	115.8	10.3	15.1	141.2	15.4	0.6	0.5	183.1	597.0	399.0	996.0
2006	1.4	213.8	98.1	8.0	14.9	121.1	13.7	0.6	0.6	176.7	527.8	378.7	906.5
2007	1.8	240.2	99.1	5.4	17.3	121.8	15.1	0.8	R 0.7	186.3	566.6	398.6	965.1
2008	0.0	238.2	153.4	2.8	19.9	176.0	16.9	0.9	0.8	184.5	617.3	398.1	1,015.4
2009	0.0	236.8	76.9	3.9	21.5	102.4	24.1	1.2	0.9	180.5	545.8	376.2	921.9
2010	0.0	231.9	85.5	4.2	20.8	110.5	21.0	1.3	1.7	188.5	554.9	388.5	943.4
2011	0.0	228.1	80.7	2.6	R 19.3	R 102.5	21.5	1.3	R 3.2	187.0	R 543.5	380.7	R 924.2
2012	0.0	206.0	70.9	1.1	16.9	88.8	20.1	1.3	R 3.8	180.4	R 500.5	365.6	R 866.1
2013	0.0	R 243.8	79.4	1.2	19.0	99.6	27.7	1.3	R 4.1	185.1	R 561.7	374.9	R 936.6
2014	0.0	267.4	91.2	2.0	18.8	112.1	27.7	1.3	4.2	184.9	597.7	374.1	971.8

^a Beginning in 2008, data are no longer collected and are assumed to be zero.

^b Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

^c Liquefied petroleum gases, includes ethane and olefins.

^d Wood and wood-derived fuels.

^e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^f Solar thermal and photovoltaic energy. Includes distributed solar thermal and photovoltaic energy used in the commercial and industrial sectors.

^g 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 net energy and total.

^h 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 <http://www.eia.gov/state/seds/seds-data-complete.cfm>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

P E N N S Y L V A N I A Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2014, Pennsylvania

Year	Coal	Natural Gas ^a	Petroleum					Hydro-electric Power ^{e,f}	Biomass	Geothermal ^f	Retail Electricity Sales	Net Energy ^{f,h}	Electrical System Energy Losses ⁱ	Total ^{f,h}
			Distillate Fuel Oil	Kerosene	LPG ^b	Motor Gasoline ^c	Residual Fuel Oil							
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels					Million Kilowatthours	Wood and Waste ^{f,g}		Million Kilowatthours			
1960	3,639	56	4,363	241	364	2,084	5,514	12,566	NA	--	--	7,125	--	--
1965	2,403	68	4,935	240	436	2,585	5,899	14,096	NA	--	--	9,417	--	--
1970	1,594	99	5,431	294	612	2,455	5,254	14,045	NA	--	--	13,435	--	--
1975	1,308	99	5,491	177	682	1,310	3,630	11,290	NA	--	--	18,608	--	--
1980	1,239	118	5,858	193	514	313	1,521	8,399	NA	--	--	21,746	--	--
1985	993	115	5,508	359	744	448	1,414	8,472	NA	--	--	24,580	--	--
1990	1,046	126	6,640	150	819	701	794	9,104	0	--	--	30,198	--	--
1995	1,034	144	6,334	528	999	88	1,221	9,170	0	--	--	35,542	--	--
1996	875	155	6,152	556	1,088	87	1,304	9,186	0	--	--	36,373	--	--
1997	1,108	144	4,807	323	1,071	284	1,029	7,514	0	--	--	36,853	--	--
1998	749	131	4,597	284	1,128	929	598	7,535	0	--	--	38,088	--	--
1999	607	143	4,751	344	1,208	188	540	7,030	0	--	--	38,306	--	--
2000	660	145	5,495	407	1,452	146	634	8,135	0	--	--	42,988	--	--
2001	698	136	5,994	501	1,126	127	500	8,248	0	--	--	41,446	--	--
2002	516	136	7,454	388	1,299	158	376	9,675	0	--	--	43,598	--	--
2003	609	149	6,459	394	1,617	158	564	9,192	0	--	--	43,218	--	--
2004	612	143	6,216	409	1,744	111	609	9,088	0	--	--	44,355	--	--
2005	573	145	6,124	460	1,427	90	626	8,727	0	--	--	45,782	--	--
2006	568	130	5,703	420	1,584	91	287	8,084	0	--	--	45,624	--	--
2007	645	146	4,920	186	1,736	91	389	7,322	0	--	--	47,531	--	--
2008	203	145	6,155	58	1,681	91	241	8,226	0	--	--	47,347	--	--
2009	194	144	4,160	90	1,784	91	245	6,369	0	--	--	46,411	--	--
2010	184	142	4,091	133	1,790	90	91	6,195	0	--	--	47,366	--	--
2011	170	141	3,647	35	R 2,061	90	40	R 5,873	0	--	--	43,536	--	--
2012	131	127	2,962	12	1,705	89	26	4,794	0	--	--	42,920	--	--
2013	119	R 149	3,214	10	2,011	92	11	5,337	0	--	--	R 43,145	--	--
2014	117	160	3,443	37	2,025	90	13	5,607	0	--	--	43,348	--	--

Trillion Btu														
1960	90.0	58.1	25.4	1.4	1.4	10.9	34.7	73.8	NA	0.5	NA	24.3	246.7	60.1
1965	58.5	70.1	28.7	1.4	1.7	13.6	37.1	82.4	NA	0.4	NA	32.1	243.6	76.7
1970	37.5	102.6	31.6	1.7	2.3	12.9	33.0	81.6	NA	0.4	NA	45.8	267.9	110.9
1975	29.4	101.5	32.0	1.0	2.6	6.9	22.8	65.3	NA	0.4	NA	63.5	260.1	152.3
1980	28.7	121.1	34.1	1.1	2.0	1.6	9.6	48.4	NA	1.3	NA	74.2	273.2	178.2
1985	23.6	119.3	32.1	2.0	2.9	2.4	8.9	48.2	NA	1.2	NA	83.9	276.0	192.1
1990	26.3	130.6	38.7	0.9	3.1	3.7	5.0	51.3	0.0	2.8	(s)	103.0	314.1	226.0
1995	25.7	148.8	36.9	3.0	3.8	0.5	7.7	51.8	0.0	7.1	0.1	121.3	354.8	273.1
1996	21.6	159.9	35.8	3.1	4.2	0.5	8.2	51.8	0.0	7.2	0.1	124.1	364.7	280.5
1997	27.3	149.2	28.0	1.8	4.1	1.5	6.5	41.9	0.0	6.1	0.2	125.7	350.3	277.6
1998	18.9	135.8	26.8	1.6	4.3	4.8	3.8	41.3	0.0	5.9	0.2	130.0	332.0	285.9
1999	15.4	148.4	27.6	2.0	4.6	1.0	3.4	38.6	0.0	5.9	0.2	130.7	339.3	291.8
2000	17.4	150.4	32.0	2.3	5.6	0.8	4.0	44.6	0.0	6.1	0.2	146.7	365.3	335.2
2001	17.6	143.9	34.9	2.8	4.3	0.7	3.1	45.8	0.0	4.4	0.2	141.4	353.4	304.4
2002	13.0	141.3	43.4	2.2	5.0	0.8	2.4	53.7	0.0	4.5	0.3	148.8	361.5	331.7
2003	15.3	155.4	37.6	2.2	6.2	0.8	3.5	50.4	0.0	4.7	0.3	147.5	373.6	323.1
2004	15.4	148.2	36.2	2.3	6.7	0.6	3.8	49.6	0.0	4.4	0.4	151.3	369.3	332.9
2005	14.4	150.8	35.6	2.6	5.5	0.5	3.9	48.1	0.0	4.6	0.5	156.2	374.7	340.4
2006	14.3	135.4	33.1	2.4	6.1	0.5	1.8	43.8	0.0	4.4	0.5	155.7	354.0	333.6
2007	16.2	151.5	28.5	1.1	6.7	0.5	2.4	39.1	0.0	4.5	0.5	162.2	374.0	347.0
2008	5.2	150.2	35.6	0.3	6.4	0.5	1.5	44.3	0.0	4.7	0.6	161.5	366.5	348.7
2009	5.0	149.8	24.0	0.5	6.8	0.5	1.5	33.4	0.0	5.5	0.6	158.4	352.7	330.0
2010	4.7	146.9	23.6	0.8	6.9	0.5	0.6	32.3	0.0	5.5	0.7	161.6	351.7	333.0
2011	4.3	146.8	21.1	0.2	R 7.9	0.5	0.3	R 29.9	0.0	5.3	0.9	148.5	R 335.7	R 302.4
2012	3.3	132.5	17.1	0.1	6.5	0.5	0.2	24.3	0.0	5.0	0.8	146.4	312.4	296.8
2013	3.1	R 156.8	18.6	0.1	7.7	0.5	0.1	26.9	0.0	5.4	0.8	147.2	R 340.2	298.1
2014	3.1	167.5	19.9	0.2	7.8	0.5	0.1	28.4	0.0	5.8	0.8	147.9	353.5	299.2

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
^b Liquefied petroleum gases, includes ethane and olefins.
^c Beginning in 1993, includes fuel ethanol blended into motor gasoline.
^d Includes small amounts of petroleum coke not shown separately.
^e Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
^g Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
^h Distributed solar thermal and photovoltaic energy consumed in the commercial sector is included in residential consumption. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2008, includes small amounts of solar and wind energy consumed by commercial plants with capacity of 1 megawatt or greater. 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 net energy and total.
ⁱ 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 <http://www.eia.gov/state/seds/seds-data-complete.cfm>.
 Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2014, Pennsylvania

Year	Coal	Natural Gas ^a	Petroleum						Hydro-electric Power ^{e,f}	Biomass		Geo-thermal ^f	Retail Electricity Sales	Electrical System Energy Losses ^j	Total ^{f,i}
			Distillate Fuel Oil	LPG ^b	Motor Gasoline ^c	Residual Fuel Oil	Other ^d	Total		Wood and Waste ^{f,g}	Losses and Co-products ^h		Million kWh		
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels						Million kWh						
1960	33,140	213	8,645	992	1,456	29,692	17,976	58,762	16	--	--	--	20,693	--	--
1965	40,010	285	11,641	1,383	1,480	29,434	23,354	67,291	15	--	--	--	29,075	--	--
1970	35,753	340	10,196	2,396	1,181	27,132	23,465	64,370	12	--	--	--	38,993	--	--
1975	28,510	263	11,033	3,439	1,098	21,941	24,391	61,902	1	--	--	--	41,256	--	--
1980	21,877	337	11,128	5,238	586	11,555	22,987	51,494	1	--	--	--	46,045	--	--
1985	13,716	231	6,434	4,624	1,276	2,624	19,794	34,753	1	--	--	--	42,520	--	--
1990	14,546	241	7,489	3,177	1,180	5,734	27,019	44,600	0	--	--	--	45,992	--	--
1995	14,885	252	4,392	1,687	934	2,888	26,762	36,663	0	--	--	--	47,528	--	--
1996	15,155	246	4,462	1,977	855	3,292	24,162	34,748	0	--	--	--	47,208	--	--
1997	14,825	240	4,179	1,272	887	2,227	26,899	35,464	0	--	--	--	48,063	--	--
1998	10,691	232	4,066	1,224	872	2,219	27,259	35,640	0	--	--	--	48,815	--	--
1999	10,160	236	5,034	1,188	741	1,903	25,131	33,997	0	--	--	--	46,059	--	--
2000	10,508	235	5,576	1,766	703	1,994	25,625	35,664	0	--	--	--	45,449	--	--
2001	10,079	203	5,997	2,391	1,363	1,600	29,540	40,892	0	--	--	--	47,383	--	--
2002	10,137	212	5,254	2,153	1,432	1,316	26,927	37,082	0	--	--	--	47,090	--	--
2003	10,366	200	4,883	5,164	1,510	2,111	28,739	42,406	0	--	--	--	46,773	--	--
2004	10,418	200	5,446	5,010	1,823	1,918	29,439	43,635	0	--	--	--	47,659	--	--
2005	9,957	190	5,681	6,649	1,841	1,915	30,674	46,760	0	--	--	--	47,950	--	--
2006	9,595	195	7,293	7,372	2,112	1,709	30,102	48,588	0	--	--	--	47,920	--	--
2007	9,264	196	7,847	6,933	1,542	1,300	29,370	46,991	0	--	--	--	48,579	--	--
2008	9,135	198	8,775	R 8,517	837	1,045	27,039	R 46,212	0	--	--	--	48,131	--	--
2009	6,017	186	5,495	R 7,851	840	750	R 26,299	R 41,236	0	--	--	--	43,552	--	--
2010	7,498	221	5,903	R 7,703	2,048	679	R 25,847	R 42,180	0	--	--	--	45,458	--	--
2011	7,217	247	7,049	R 8,461	1,241	696	R 23,585	R 41,031	0	--	--	--	49,585	--	--
2012	6,872	282	7,877	R 6,887	2,073	205	R 19,598	R 36,639	0	--	--	--	48,039	--	--
2013	7,908	R 340	8,707	R 5,742	R 2,133	139	R 21,622	R 38,343	0	--	--	--	R 48,043	--	--
2014	8,056	361	9,924	5,936	1,747	78	22,499	40,185	0	--	--	--	48,318	--	--

Trillion Btu

1960	873.1	220.0	50.4	4.1	7.6	186.7	110.7	359.5	0.2	19.8	NA	NA	70.6	1,543.2	174.6	1,717.8
1965	1,053.3	296.1	67.8	5.7	7.8	185.0	142.3	408.7	0.2	25.8	NA	NA	99.2	1,883.2	236.8	2,120.1
1970	932.1	351.2	59.4	9.0	6.2	170.6	143.5	388.6	0.1	32.3	NA	NA	133.0	1,837.5	321.9	2,159.3
1975	743.1	269.8	64.3	12.5	5.8	137.9	148.1	368.7	(s)	36.3	NA	NA	140.8	1,558.7	337.7	1,896.3
1980	573.1	344.0	64.8	19.0	3.1	72.6	139.5	299.1	(s)	74.6	NA	NA	157.1	1,446.4	377.4	1,823.8
1985	359.2	238.7	37.5	16.4	6.7	16.5	122.7	199.8	(s)	87.4	0.0	NA	145.1	1,030.0	332.3	1,362.3
1990	382.1	250.9	43.6	11.3	6.2	36.0	166.3	263.5	0.0	23.7	0.0	0.0	156.9	1,077.1	344.2	1,421.3
1995	392.2	261.4	25.6	6.0	4.9	18.2	165.3	220.0	0.0	33.2	0.0	0.0	162.2	1,068.9	365.3	1,434.2
1996	398.4	254.6	26.0	7.0	4.5	20.7	149.2	207.3	0.0	38.4	0.0	0.0	161.1	1,059.7	364.0	1,423.7
1997	390.0	248.3	24.3	4.5	4.6	14.0	165.3	212.8	0.0	41.8	0.0	0.0	164.0	1,056.9	362.1	1,418.9
1998	284.2	240.5	23.7	4.4	4.5	14.0	168.2	214.7	0.0	36.3	0.0	0.0	166.6	942.2	366.4	1,308.5
1999	269.6	244.2	29.3	4.2	3.9	12.0	153.2	202.6	0.0	38.5	0.0	0.0	157.2	912.1	350.9	1,262.9
2000	277.9	243.6	32.4	6.3	3.7	12.5	158.3	213.2	0.0	38.0	0.0	0.0	155.1	927.6	354.4	1,282.0
2001	266.0	214.6	34.9	8.5	7.1	10.1	182.2	242.8	0.0	35.6	0.0	0.0	161.7	920.5	348.0	1,268.5
2002	267.7	220.5	30.6	7.6	7.5	8.3	165.3	219.3	0.0	30.2	0.0	0.0	160.7	898.3	358.3	1,256.6
2003	274.0	208.2	28.4	18.4	7.9	13.3	176.9	244.8	0.0	31.1	0.0	0.0	159.6	917.7	349.7	1,267.4
2004	273.4	207.9	31.7	17.8	9.5	12.1	183.2	254.2	0.0	32.3	0.0	0.0	162.6	930.3	357.7	1,288.0
2005	250.3	197.5	33.1	23.6	9.6	12.0	190.6	268.9	0.0	32.6	0.0	0.0	163.6	912.8	356.5	1,269.3
2006	240.5	202.5	42.3	26.1	11.0	10.7	186.6	276.7	0.0	30.3	0.0	0.0	163.5	913.5	350.4	1,263.9
2007	232.3	203.7	45.4	24.4	7.9	8.2	181.7	267.7	0.0	30.5	0.0	0.0	165.8	899.9	354.7	1,254.6
2008	227.3	205.2	50.7	R 29.9	4.3	6.6	167.4	R 258.8	0.0	30.3	0.0	0.0	164.2	R 885.9	354.5	R 1,240.3
2009	147.9	193.1	31.8	R 27.2	4.3	4.7	R 163.2	R 231.2	0.0	28.9	0.0	0.0	148.6	R 749.6	309.6	R 1,059.3
2010	186.2	228.8	34.1	R 26.8	10.4	4.3	R 160.5	R 236.0	0.0	30.1	5.8	0.0	155.1	R 842.0	319.6	R 1,161.6
2011	180.3	257.1	40.7	R 29.1	6.3	4.4	R 145.9	R 226.5	0.0	R 42.8	6.1	0.0	169.2	R 882.0	344.5	R 1,226.5
2012	185.6	294.9	45.5	R 23.9	10.5	1.3	R 121.9	R 203.0	0.0	R 43.2	5.7	0.0	163.9	R 896.5	332.2	R 1,228.7
2013	217.2	R 357.8	50.3	R 20.0	10.8	0.9	R 132.8	R 214.8	0.0	R 46.9	6.0	0.0	163.9	R 1,006.6	332.0	R 1,338.6
2014	221.8	379.3	57.3	20.5	8.8	0.5	138.9	226.1	0.0	42.8	6.1	0.0	164.9	1,041.0	333.5	1,374.6

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

^b Liquefied petroleum gases, includes ethane and olefins.

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

^d Includes asphalt and road oil, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

^e Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

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

^g Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

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

ⁱ Distributed solar thermal and photovoltaic energy consumed in the industrial sector is included in residential consumption. For 1981 through 1992, includes fuel ethanol blended into motor gasoline but not shown in the motor gasoline column. Beginning in 2008, includes small amounts of solar and wind energy consumed by industrial

plants with capacity of 1 megawatt or greater. 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 net energy and total.

^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.

kWh = 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 Notes for each type of energy.

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

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

P E N N S Y L V A N I A Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2014, Pennsylvania

Year	Coal	Natural Gas ^a	Petroleum								Retail Electricity Sales	Net Energy ^{e,f}	Electrical System Energy Losses ^g	Total ^{e,f}
			Aviation Gasoline	Distillate Fuel Oil	Jet Fuel ^b	LPG ^c	Lubricants	Motor Gasoline ^d	Residual Fuel Oil	Total				
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels								Million Kilowatthours			
1960	569	15	1,994	7,662	1,036	20	1,343	76,565	5,005	93,625	306	---	---	---
1965	130	19	1,922	8,900	3,406	60	1,121	81,658	4,554	101,622	232	---	---	---
1970	57	27	662	12,662	9,083	134	1,327	98,082	5,548	127,497	184	---	---	---
1975	5	18	426	16,566	8,469	157	1,094	106,357	5,788	138,857	194	---	---	---
1980	0	29	337	21,539	10,148	147	1,312	107,026	4,796	145,306	186	---	---	---
1985	0	33	208	20,337	10,126	249	1,194	100,255	2,139	134,508	365	---	---	---
1990	0	34	145	23,187	12,042	157	1,344	105,586	5,584	148,044	396	---	---	---
1995	0	38	125	29,224	12,313	188	1,282	111,261	4,769	159,162	379	---	---	---
1996	0	41	121	28,464	11,831	148	1,244	112,697	3,326	157,831	397	---	---	---
1997	0	39	107	30,227	14,819	117	1,314	113,608	4,579	164,771	376	---	---	---
1998	0	33	126	31,153	16,731	127	1,376	115,066	5,481	170,060	381	---	---	---
1999	0	37	205	32,235	15,943	97	1,390	116,491	5,003	171,364	392	---	---	---
2000	0	39	154	33,989	19,009	68	1,369	117,185	4,699	176,473	401	---	---	---
2001	0	33	122	35,425	18,877	88	1,255	118,968	2,446	177,180	412	---	---	---
2002	0	38	121	34,831	17,006	98	1,240	121,261	2,878	177,435	403	---	---	---
2003	0	34	95	32,711	17,473	166	1,146	120,907	2,959	175,456	727	---	---	---
2004	0	30	95	36,709	16,381	155	1,161	122,535	4,003	181,037	823	---	---	---
2005	0	31	100	38,790	16,826	197	1,155	121,878	4,600	183,546	880	---	---	---
2006	0	28	218	40,699	16,465	179	1,125	120,499	4,186	183,371	816	---	---	---
2007	0	35	97	39,473	15,503	130	1,162	122,337	3,419	182,120	876	---	---	---
2008	0	38	100	34,423	14,435	289	1,079	119,724	3,536	173,586	863	---	---	---
2009	0	42	69	34,787	12,476	210	970	121,181	2,397	172,089	879	---	---	---
2010	0	48	106	36,048	12,447	215	1,078	120,515	798	171,207	887	---	---	---
2011	0	52	116	37,540	8,201	248	1,023	118,396	448	165,972	840	---	---	---
2012	0	37	121	38,285	8,179	268	941	116,448	1,192	165,434	875	---	---	---
2013	0	R 38	106	37,395	7,322	R 395	996	R 117,184	1,005	R 164,404	814	---	---	---
2014	0	37	98	38,346	7,005	367	1,038	115,304	569	162,727	827	---	---	---

Trillion Btu														
1960	14.6	15.6	10.1	44.6	5.7	0.1	8.1	402.2	31.5	502.3	1.0	533.6	2.6	536.2
1965	3.3	20.1	9.7	51.8	19.2	0.2	6.8	429.0	28.6	545.3	0.8	569.5	1.9	571.4
1970	1.4	27.5	3.3	73.8	51.4	0.5	8.0	515.2	34.9	687.1	0.6	716.7	1.5	718.2
1975	0.1	18.1	2.1	96.5	47.9	0.6	6.6	558.7	36.4	748.9	0.7	767.8	1.6	769.4
1980	0.0	30.1	1.7	125.5	57.4	0.6	8.0	562.2	30.2	785.5	0.6	816.2	1.5	817.8
1985	0.0	34.1	1.1	118.5	57.3	1.0	7.2	526.6	13.4	725.1	1.2	760.4	2.9	763.3
1990	0.0	35.8	0.7	135.1	68.2	0.6	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	69.8	0.7	7.8	580.6	30.0	859.6	1.3	900.2	2.9	903.1
1996	0.0	42.2	0.6	165.7	67.1	0.6	7.5	588.1	20.9	850.4	1.4	894.0	3.1	897.0
1997	0.0	40.6	0.5	175.9	84.0	0.4	8.0	592.5	28.8	890.2	1.3	932.0	2.8	934.9
1998	0.0	34.0	0.6	181.3	94.9	0.5	8.3	600.1	34.5	920.1	1.3	955.4	2.9	958.3
1999	0.0	38.3	1.0	187.6	90.4	0.4	8.4	607.3	31.5	926.5	1.3	966.1	3.0	969.1
2000	0.0	40.2	0.8	197.8	107.8	0.3	8.3	611.0	29.5	955.5	1.4	997.0	3.1	1,000.2
2001	0.0	35.3	0.6	206.1	107.0	0.3	7.6	620.3	15.4	957.4	1.4	994.1	3.0	997.1
2002	0.0	39.0	0.6	202.7	96.4	0.4	7.5	631.9	18.1	957.6	1.4	998.0	3.1	1,001.0
2003	0.0	35.4	0.5	190.3	99.1	0.6	7.0	629.1	18.6	945.2	2.5	983.1	5.4	988.5
2004	0.0	30.7	0.5	213.6	92.9	0.6	7.0	637.3	25.2	977.0	2.8	1,010.6	6.2	1,016.8
2005	0.0	32.3	0.5	225.7	95.4	0.8	7.0	633.5	28.9	991.8	3.0	1,027.1	6.5	1,033.6
2006	0.0	28.8	1.1	236.2	93.4	0.7	6.8	625.5	26.3	990.0	2.8	1,021.6	6.0	1,027.5
2007	0.0	36.5	0.5	228.3	87.9	0.5	7.0	630.6	21.5	976.4	3.0	1,015.9	6.4	1,022.3
2008	0.0	39.0	0.5	199.0	81.8	1.1	6.5	613.7	22.2	924.9	2.9	966.8	6.4	973.2
2009	0.0	43.3	0.4	201.1	70.7	0.8	5.9	618.1	15.1	912.1	3.0	958.4	6.2	964.7
2010	0.0	49.5	0.5	208.3	70.6	0.8	6.5	612.0	5.0	903.7	3.0	956.3	6.2	962.5
2011	0.0	53.6	0.6	216.8	46.5	1.0	6.2	600.0	2.8	873.9	2.9	930.3	5.8	936.2
2012	0.0	39.1	0.6	221.1	46.4	1.0	5.7	589.6	7.5	871.9	3.0	914.0	6.1	920.0
2013	0.0	R 40.1	0.5	215.9	41.5	1.5	6.0	R 593.2	6.3	R 865.0	2.8	R 907.9	5.6	R 913.5
2014	0.0	38.5	0.5	221.4	39.7	1.4	6.3	583.4	3.6	856.3	2.8	897.7	5.7	903.4

^a Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, natural gas consumed as vehicle fuel.

^b 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."

^c Liquefied petroleum gases, includes ethane and olefins.

^d Beginning in 1993, motor gasoline includes fuel ethanol blended into the product.

^e There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of renewable energy sources beginning in 1981.

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

^g 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 <http://www.eia.gov/state/seds/seds-data-complete.cfm>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2014, Pennsylvania

Year		Natural Gas ^a	Petroleum				Nuclear Electric Power	Hydroelectric Power ^d	Biomass	Geothermal ^f	Solar/PV ^{f,g}	Wind ^f	Net Electricity Imports ^h	Total ^{f,i}
			Distillate Fuel Oil ^b	Petroleum Coke	Residual Fuel Oil ^c	Total								
	Coal	Billion Cubic Feet	Thousand Barrels				Million Kilowatthours		Wood and Waste ^{e,f}	Million Kilowatthours				
1960	18,062	6	485	0	2,747	3,232	230	1,810	--	0	NA	NA	0	--
1965	23,182	1	591	0	3,351	3,943	313	1,313	--	0	NA	NA	0	--
1970	29,141	9	3,959	0	22,502	26,460	465	1,354	--	0	NA	NA	0	--
1975	36,659	1	3,419	0	10,273	13,691	15,869	1,575	--	0	NA	NA	0	--
1980	42,466	3	2,238	316	17,226	19,780	12,091	734	--	0	NA	NA	0	--
1985	41,713	2	1,423	782	11,622	13,827	26,232	971	--	0	0	0	0	--
1990	45,165	15	2,140	1,005	6,650	9,795	57,787	2,869	--	0	0	0	0	--
1995	46,895	39	1,398	1,310	4,836	7,545	66,462	2,030	--	0	0	0	16	--
1996	49,541	26	1,514	1,363	5,037	7,914	68,672	3,012	--	0	0	0	199	--
1997	50,597	20	1,055	1,318	3,661	6,034	67,655	2,249	--	0	0	0	113	--
1998	50,810	30	1,555	1,327	5,635	8,517	61,149	2,381	--	0	0	0	-164	--
1999	48,971	31	1,325	719	4,426	6,471	71,127	1,947	--	0	0	0	-16	--
2000	52,266	21	2,593	26	4,744	7,363	73,771	2,290	--	0	0	10	0	--
2001	49,297	23	1,167	23	5,175	6,365	73,731	1,650	--	0	0	11	0	--
2002	49,860	50	1,238	612	3,264	5,115	76,089	2,211	--	0	0	58	-96	--
2003	50,926	41	1,346	844	5,822	8,012	74,361	3,346	--	0	0	112	-85	--
2004	51,698	76	1,072	1,051	5,331	7,453	77,459	3,155	--	0	0	306	-177	--
2005	54,464	81	1,273	534	7,058	8,865	76,289	2,232	--	0	0	284	-286	--
2006	55,936	101	651	179	949	1,779	75,298	2,844	--	0	0	361	-95	--
2007	55,712	144	838	0	1,516	2,353	77,376	2,236	--	0	0	470	62	--
2008	53,995	141	794	137	701	1,632	78,658	2,549	--	(s)	4	729	533	--
2009	48,853	211	592	140	776	1,508	77,328	2,683	--	0	7	1,075	170	--
2010	50,888	246	735	0	408	1,143	77,828	2,332	--	0	18	1,854	421	--
2011	47,403	306	671	0	230	902	76,147	3,217	--	0	26	1,794	435	--
2012	41,602	394	502	0	107	608	75,174	2,242	--	0	55	2,129	1,339	--
2013	41,992	362	571	0	97	668	78,714	2,525	--	0	55	3,352	^R 1,109	--
2014	38,307	388	1,003	0	228	1,231	78,715	2,641	--	0	50	3,565	554	--

Trillion Btu

1960	423.3	6.2	2.8	0.0	17.3	20.1	2.7	19.5	0.0	0.0	NA	NA	0.0	471.7
1965	558.6	1.3	3.4	0.0	21.1	24.5	3.7	13.7	0.0	0.0	NA	NA	0.0	601.8
1970	680.2	9.7	23.1	0.0	141.5	164.5	5.1	14.2	0.0	0.0	NA	NA	0.0	873.7
1975	861.4	1.2	19.9	0.0	64.6	84.5	174.8	16.4	0.0	0.0	NA	NA	0.0	1,138.3
1980	1,026.7	2.9	13.0	1.9	108.3	123.2	131.9	7.6	0.0	0.0	NA	NA	0.0	1,292.3
1985	1,019.7	1.6	8.3	4.7	73.1	86.1	278.6	10.1	0.0	0.0	0.0	0.0	0.0	1,396.1
1990	1,054.7	14.0	12.5	6.1	41.8	60.3	611.5	29.8	8.8	0.0	0.0	0.0	0.0	1,779.2
1995	1,062.4	40.6	8.1	7.9	30.4	46.4	698.3	20.9	27.7	0.0	0.0	0.0	0.1	1,896.4
1996	1,120.7	26.4	8.8	8.2	31.7	48.7	721.3	31.1	29.1	0.0	0.0	0.0	0.7	1,978.1
1997	1,149.0	21.0	6.1	7.9	23.0	37.1	710.0	23.0	29.0	0.0	0.0	0.0	0.4	1,969.4
1998	1,160.6	31.1	9.0	8.0	35.4	52.5	641.5	24.3	30.9	0.0	0.0	0.0	-0.6	1,940.3
1999	1,127.8	32.5	7.7	4.3	27.8	39.9	743.3	19.9	31.3	0.0	0.0	0.0	-0.1	1,994.6
2000	1,210.6	21.3	15.1	0.2	29.8	45.1	769.4	23.4	31.5	0.0	0.0	0.1	0.0	2,101.3
2001	1,106.5	23.4	6.8	0.1	32.5	39.5	770.0	17.0	25.1	0.0	0.0	0.1	0.0	1,981.6
2002	1,174.9	51.7	7.2	3.7	20.5	31.4	794.5	22.5	25.1	0.0	0.0	0.6	-0.3	2,100.4
2003	1,170.4	42.8	7.8	5.1	36.6	49.5	775.0	33.9	24.6	0.0	0.0	1.1	-0.3	2,097.1
2004	1,183.9	79.0	6.2	6.0	33.5	45.8	807.7	31.6	24.0	0.0	0.0	3.1	-0.6	2,174.5
2005	1,224.9	83.5	7.4	3.1	44.4	54.8	796.2	22.3	25.0	0.0	0.0	2.8	-1.0	2,208.6
2006	1,243.1	104.4	3.8	1.0	6.0	10.8	785.7	28.2	25.5	0.0	0.0	3.6	-0.3	2,200.9
2007	1,241.6	148.3	4.8	0.0	9.5	14.4	811.6	22.1	26.4	0.0	0.0	4.6	0.2	2,269.2
2008	1,188.6	145.8	4.6	0.8	4.4	9.8	822.1	25.1	28.6	0.0	(s)	7.2	1.8	2,228.9
2009	1,071.1	216.6	3.4	0.8	4.9	9.1	808.8	26.2	28.5	0.0	(s)	10.5	0.6	2,171.4
2010	1,119.8	252.2	4.2	0.0	2.6	6.8	813.5	22.8	30.1	0.0	0.1	18.1	1.4	2,264.7
2011	1,028.4	315.0	3.9	0.0	1.4	5.3	796.8	31.3	28.7	0.0	0.2	17.4	1.5	2,224.5
2012	904.2	407.0	2.9	0.0	0.7	3.6	787.8	21.3	27.6	0.0	0.2	20.3	4.6	2,176.5
2013	905.8	378.1	3.3	0.0	0.6	3.9	822.5	24.1	27.5	0.0	0.5	32.0	^R 3.8	^R 2,198.2
2014	814.3	404.3	5.8	0.0	1.4	7.2	823.3	25.1	26.9	0.0	0.5	33.9	1.9	2,137.4

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

^b 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.

^c 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.

^d Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

^e Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

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

^g Solar thermal and photovoltaic energy.

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

ⁱ 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 net energy and total.

-- = Not applicable. NA = Not available.

Where shown, R = Revised sum 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 comprises 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 <http://www.eia.gov/state/seds/seds-data-complete.cfm>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.