Table ET1. Primary Energy, Electricity, and Total Energy Price and Expenditure Estimates, Selected Years, 1970-2014, Pennsylvania

Year	Primary Energy														Electric Power Sector [h,j]	Retail Electricity	Total Energy [g,h,i]
	Coal			Natural Gas [a]	Petroleum							Nuclear Fuel	Biomass				
	Coking Coal	Steam Coal	Total		Distillate Fuel Oil	Jet Fuel [b]	LPG [c]	Motor Gasoline [d]	Residual Fuel Oil	Other [e]	Total		Wood and Waste [f,g]	Total [g,h,i,j]			
	Prices in Dollars per Million Btu																
1970	0.44	0.35	0.39	0.87	1.17	0.72	1.76	2.92	0.47	2.01	1.73	0.21	0.96	0.97	0.34	5.23	1.47
1975	1.52	1.02	1.20	1.53	2.65	2.01	3.34	4.72	2.02	3.51	3.47	0.25	1.19	2.02	0.93	10.37	3.25
1980	2.20	1.34	1.58	3.37	6.70	6.27	6.09	9.71	4.30	8.14	7.72	0.42	1.84	4.00	1.55	15.17	6.37
1985	1.88	1.57	1.63	5.74	7.68	5.84	10.10	9.01	4.38	9.30	8.08	0.92	1.95	4.44	1.61	21.24	8.40
1990	1.71	1.52	1.56	5.28	7.66	5.59	11.72	9.35	3.20	7.94	8.01	0.83	1.75	4.03	1.35	22.43	8.56
1995	1.72	1.36	1.43	5.35	6.83	3.87	11.17	9.70	2.63	8.15	7.95	0.56	1.28	3.86	1.09	23.25	8.78
1996	1.69	1.38	1.44	5.71	7.78	4.77	12.13	10.08	3.25	8.51	8.59	0.55	1.28	4.05	1.12	23.34	9.14
1997	1.72	1.36	1.42	6.43	7.73	4.36	12.49	10.23	2.71	8.94	8.62	0.52	1.08	4.14	1.08	23.44	9.40
1998	1.55	1.36	1.38	6.17	6.92	3.23	11.33	8.70	2.10	8.02	7.36	0.53	1.06	3.84	1.11	22.97	9.14
1999	1.62	1.31	1.34	6.11	7.25	3.79	11.56	9.49	2.62	9.86	8.11	0.51	1.13	4.00	1.04	21.15	9.14
2000	1.66	1.17	1.23	6.81	10.17	6.81	14.80	12.09	3.64	10.66	10.57	0.48	1.34	4.81	1.00	22.43	10.69
2001	1.73	1.24	1.31	9.33	9.47	5.59	15.34	11.25	3.32	9.90	9.88	0.37	1.86	5.07	1.02	23.49	11.25
2002	1.93	1.27	1.36	7.37	8.73	5.29	13.57	10.73	3.58	10.66	9.51	0.40	2.00	4.60	1.03	23.66	10.80
2003	1.93	1.24	1.33	9.06	10.25	6.37	15.85	12.39	4.59	11.09	10.92	0.38	1.98	5.37	1.09	23.56	11.80
2004	2.31	1.40	1.52	10.03	12.19	8.86	17.75	14.76	4.64	11.30	12.87	0.36	2.08	6.19	1.27	23.53	13.13
2005	3.01	1.62	1.79	12.19	16.38	12.64	19.74	18.20	6.84	13.11	16.23	0.37	3.02	7.69	1.61	24.33	15.66
2006	3.33	1.75	1.94	12.89	18.63	14.56	21.98	20.88	7.87	16.68	19.05	0.40	3.09	8.59	1.56	25.50	17.55
2007	3.49	1.79	1.98	11.45	20.00	15.79	24.88	22.64	8.08	19.04	20.75	0.44	3.27	8.88	1.73	26.69	18.32
2008	4.41	2.14	2.41	13.09	26.23	23.07	29.63	26.55	12.19	22.01	25.70	0.47	3.85	10.91	2.10	27.44	21.38
2009	5.18	2.33	2.56	9.75	18.00	12.59	R 25.09	19.56	8.49	R 22.77	R 18.93	0.57	3.41	R 8.34	1.89	28.25	R 18.11
2010	5.47	2.44	2.75	8.73	21.51	16.10	28.19	23.16	12.02	R 26.67	R 22.60	0.65	3.64	R 9.17	2.12	30.29	R 19.74
2011	6.60	2.60	3.04	8.51	27.39	22.71	30.46	29.45	17.16	R 31.74	R 28.62	0.69	3.85	R 10.94	2.23	30.73	R 22.80
2012	6.32	2.49	3.00	7.09	28.94	23.18	30.12	30.57	17.37	R 32.28	R 29.71	0.75	3.84	R 11.04	1.97	29.12	R 22.97
2013	5.47	2.51	2.98	R 7.63	28.04	22.10	R 29.49	29.69	16.58	R 32.04	R 28.92	0.82	R 4.05	R 10.78	2.16	28.82	R 21.67
2014	4.47	2.55	2.89	8.19	27.48	20.90	31.23	28.72	16.07	30.86	28.22	0.78	4.37	10.91	2.36	30.20	21.44
	Expenditures in Million Dollars																
1970	317.5	339.6	657.1	653.4	429.1	36.9	31.5	1,559.6	157.4	221.2	2,435.7	1.1	10.9	3,758.2	-296.5	1,329.8	4,791.6
1975	913.7	1,063.9	1,977.6	964.8	1,039.9	97.3	75.6	2,695.2	441.3	342.6	4,691.9	44.3	14.4	7,692.9	-1,047.7	3,060.5	9,705.7
1980	1,005.0	1,574.0	2,579.0	2,489.5	2,665.1	360.1	162.7	5,507.0	798.1	803.8	10,296.8	55.4	52.2	15,472.8	-1,997.2	5,096.8	18,572.5
1985	492.9	1,804.1	2,297.0	3,444.8	2,583.3	334.6	276.1	4,827.1	483.8	897.7	9,402.7	257.5	57.2	15,459.2	-2,228.4	7,202.9	20,433.7
1990	480.0	1,812.2	2,292.2	3,325.7	2,660.7	380.7	263.6	5,277.2	360.8	850.4	9,793.4	506.8	65.6	15,983.8	-2,369.5	8,722.9	22,337.1
1995	500.7	1,623.8	2,124.5	3,793.5	2,446.3	269.9	227.6	5,685.0	212.9	910.8	9,752.4	387.6	86.1	16,144.7	-2,044.5	9,923.4	24,023.5
1996	482.7	1,735.4	2,218.1	4,078.2	2,771.4	320.0	273.6	5,977.9	247.8	916.5	10,507.3	393.6	87.1	17,288.8	-2,186.3	10,076.5	25,178.9
1997	477.4	1,754.9	2,232.3	4,349.6	2,672.9	366.6	247.8	6,124.3	187.1	952.8	10,551.4	369.6	67.8	17,573.3	-2,097.3	10,156.2	25,632.3
1998	301.2	1,722.1	2,023.3	3,823.1	2,319.0	306.4	231.2	5,301.1	173.1	947.7	9,278.5	340.1	62.6	15,527.8	-2,135.3	10,110.5	23,503.0
1999	291.6	1,611.0	1,902.6	4,020.1	2,634.6	342.2	247.0	5,809.5	184.2	950.1	10,167.6	378.2	70.0	16,538.9	-2,061.8	9,217.7	23,694.8
2000	319.8	1,534.1	1,853.9	4,529.2	4,052.0	734.5	393.8	7,441.1	261.0	1,137.7	14,020.1	371.0	83.4	20,857.5	-2,068.0	10,158.8	28,948.4
2001	319.6	1,500.5	1,820.1	5,736.4	3,817.9	597.8	372.1	7,067.7	185.3	1,134.8	13,175.6	283.9	91.9	21,108.0	-2,002.1	10,741.7	29,847.7
2002	370.5	1,608.4	1,978.8	4,719.9	3,514.3	510.0	352.4	6,867.6	166.1	1,060.1	12,470.5	317.2	103.8	19,590.3	-2,142.6	11,188.2	28,635.8
2003	387.5	1,560.2	1,947.7	6,048.1	4,068.8	631.1	645.5	7,902.4	316.3	1,130.4	14,694.5	296.0	103.8	23,090.9	-2,242.5	11,183.7	32,032.2
2004	448.2	1,793.5	2,241.8	6,740.2	5,089.1	822.8	704.9	9,556.2	335.2	1,235.3	17,743.5	292.4	103.6	27,125.5	-2,723.1	11,382.9	35,785.3
2005	549.4	2,124.3	2,673.7	8,051.5	6,824.6	1,205.6	844.8	11,715.4	583.5	1,445.0	22,618.9	298.5	163.7	33,808.1	-3,519.9	12,118.5	42,406.7
2006	589.6	2,314.4	2,904.1	8,134.5	7,702.6	1,359.5	1,032.9	13,301.2	334.6	1,724.0	25,454.8	316.0	165.4	36,976.7	-3,387.8	12,560.4	46,149.3
2007	606.4	2,353.2	2,959.6	8,284.3	8,123.6	1,387.6	1,204.2	14,469.5	325.5	1,757.4	27,267.8	356.5	180.9	39,059.0	-3,879.6	13,618.7	48,798.1
2008	743.9	2,677.3	3,421.1	9,383.5	11,623.2	1,888.5	R 1,693.8	16,418.4	416.3	1,817.5	R 33,857.6	382.3	227.0	R 47,327.1	-4,622.3	13,880.5	R 56,585.3
2009	510.1	2,622.5	3,132.6	7,444.7	6,070.3	890.3	R 1,413.4	12,185.8	219.0	R 1,729.4	R 22,508.1	457.6	207.9	R 33,776.3	-4,044.7	13,643.6	R 43,375.3
2010	738.0	2,869.2	3,607.2	7,209.8	7,650.8	1,136.5	R 1,554.5	14,424.0	146.0	R 2,067.5	R 26,979.3	528.1	232.0	R 38,591.2	-4,717.7	15,222.4	R 49,095.9
2011	875.5	2,809.9	3,685.4	7,437.4	9,943.7	1,056.1	R 1,744.2	17,871.8	151.6	R 2,191.2	R 32,958.5	549.2	R 271.1	R 44,927.8	-4,861.9	15,382.9	R 55,448.9
2012	927.2	2,355.4	3,282.6	6,576.7	10,342.3	1,074.9	R 1,456.2	18,359.0	166.3	R 2,073.5	R 33,472.2	594.4	R 265.1	R 44,235.1	-4,215.5	14,218.8	R 54,238.3
2013	976.9	2,381.8	3,358.7	R 7,570.5	10,303.6	917.4	R 1,422.2	R 17,947.3	129.1	R 2,203.3	R 32,922.9	672.7	R 325.3	R 44,894.9	R -4,617.5	14,242.2	R 54,519.6
2014	826.9	2,179.5	3,006.4	8,819.3	10,870.2	830.2	1,516.0	17,023.3	89.4	2,424.4	32,753.5	639.3	333.9	45,578.5	-4,897.1	14,984.4	55,665.8

[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 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."
[f] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[g] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and biomass waste beginning in 1989.
[h] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[i] For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.
[j] Electricity imports are included in total primary energy and electric power sector but are not shown separately.
Where shown, R = Revised data and (s) = Value less than 0.05 million dollars.
Where shown, — = No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
Note: Expenditure 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 ET2. Total End-Use Energy Price and Expenditure Estimates, Selected Years, 1970-2014, Pennsylvania

Year	Primary Energy											Retail Electricity	Total Energy [g,h,i]
			Petroleum							Biomass			
	Coal	Natural Gas [a]	Distillate Fuel Oil	Jet Fuel [b]	LPG [c]	Motor Gasoline [d]	Residual Fuel Oil	Other [e]	Total	Wood and Waste [f,g]	Total [g,h,i]		
	Prices in Dollars per Million Btu												
1970	0.44	0.88	1.22	0.72	1.76	2.92	0.48	2.01	1.89	0.96	1.15	5.23	1.47
1975	1.48	1.53	2.67	2.01	3.34	4.72	2.00	3.51	3.56	1.19	2.47	10.37	3.25
1980	2.00	3.37	6.72	6.27	6.09	9.71	3.99	8.29	8.04	1.84	5.22	15.17	6.37
1985	1.81	5.74	7.72	5.84	10.10	9.01	4.50	9.71	8.38	1.95	6.32	21.24	8.40
1990	1.66	5.34	7.74	5.59	11.72	9.35	3.14	8.36	8.25	2.14	6.13	22.43	8.56
1995	1.62	5.56	6.90	3.87	11.17	9.70	2.68	8.73	8.17	1.68	6.11	23.25	8.78
1996	1.59	5.83	7.85	4.77	12.13	10.08	3.29	9.16	8.82	1.80	6.50	23.34	9.14
1997	1.61	6.55	7.79	4.36	12.49	10.23	2.75	9.60	8.81	1.58	6.74	23.44	9.40
1998	1.49	6.33	7.03	3.23	11.33	8.70	2.08	8.53	7.59	1.55	6.29	22.97	9.14
1999	1.53	6.27	7.32	3.79	11.56	9.49	2.66	10.28	8.29	1.61	6.71	21.15	9.14
2000	1.56	6.91	10.31	6.81	14.80	12.09	3.67	10.68	10.78	2.03	8.34	22.43	10.69
2001	1.70	9.36	9.52	5.59	15.34	11.25	3.32	9.91	10.07	2.37	8.70	23.49	11.25
2002	1.82	7.67	8.78	5.29	13.57	10.73	3.65	11.04	9.65	2.35	8.01	23.66	10.80
2003	1.81	9.25	10.34	6.37	15.85	12.39	4.75	11.63	11.17	2.34	9.31	23.56	11.80
2004	2.16	10.40	12.25	8.86	17.75	14.76	4.80	11.91	13.15	2.66	10.88	23.53	13.13
2005	2.77	12.52	16.46	12.64	19.74	18.20	6.98	13.45	16.60	3.64	13.70	24.33	15.66
2006	3.02	13.96	18.68	14.56	21.98	20.88	7.94	16.84	19.13	3.79	15.72	25.50	17.55
2007	3.18	12.40	20.09	15.79	24.88	22.64	8.30	19.04	20.88	4.06	16.34	26.69	18.32
2008	4.03	13.85	26.29	23.07	29.63	26.55	12.18	22.20	25.78	4.96	19.94	27.44	21.38
2009	4.49	11.84	18.06	12.59	R 25.09	19.56	8.58	R 22.99	R 19.01	4.46	R 15.55	28.25	R 18.11
2010	4.82	10.31	21.57	16.10	28.19	23.16	11.95	R 26.67	R 22.64	4.74	R 17.06	30.29	R 19.74
2011	5.80	10.64	27.44	22.71	30.46	29.45	16.95	R 31.74	R 28.66	4.83	R 20.75	30.73	R 22.80
2012	5.78	10.25	28.98	23.18	30.12	30.57	17.12	R 32.28	R 29.74	4.92	R 21.36	29.12	R 22.97
2013	5.11	R 9.86	28.07	22.10	R 29.49	29.69	16.35	R 32.04	R 28.94	R 4.99	R 19.93	28.82	R 21.67
2014	4.30	10.21	27.53	20.90	31.23	28.72	15.49	30.86	28.25	5.28	19.38	30.20	21.44
	Expenditures in Million Dollars												
1970	443.5	649.4	417.8	36.9	31.5	1,559.6	90.8	221.2	2,357.9	10.9	3,461.8	1,329.8	4,791.6
1975	1,154.9	963.0	995.8	96.2	75.6	2,695.2	307.5	342.6	4,512.9	14.4	6,645.2	3,060.5	9,705.7
1980	1,214.6	2,478.9	2,588.9	360.1	162.7	5,507.0	308.9	802.5	9,730.0	52.2	13,475.7	5,096.8	18,572.5
1985	704.2	3,436.8	2,534.8	334.6	276.1	4,827.1	168.1	891.8	9,032.5	57.2	13,230.8	7,202.9	20,433.7
1990	687.0	3,284.5	2,592.4	380.7	263.6	5,277.2	222.5	844.9	9,581.3	61.5	13,614.3	8,722.9	22,337.1
1995	680.7	3,713.1	2,415.3	269.9	227.6	5,685.0	135.4	906.5	9,639.7	66.6	14,100.1	9,923.4	24,023.5
1996	669.2	4,004.9	2,729.2	320.0	273.6	5,977.9	146.7	911.0	10,358.4	69.9	15,102.4	10,076.5	25,178.9
1997	675.1	4,288.3	2,646.2	366.6	247.8	6,124.3	127.1	947.4	10,459.4	53.3	15,476.0	10,156.2	25,632.3
1998	455.9	3,724.5	2,291.9	306.4	231.2	5,301.1	97.5	940.2	9,168.3	43.8	13,392.5	10,110.5	23,503.0
1999	437.7	3,924.9	2,606.8	342.2	247.0	5,809.5	113.4	946.6	10,065.4	49.1	14,477.1	9,217.7	23,694.8
2000	462.9	4,450.2	3,953.0	734.5	393.8	7,441.1	154.2	1,137.6	13,814.2	62.3	18,789.6	10,158.8	28,948.4
2001	485.4	5,537.3	3,775.9	597.8	372.1	7,067.7	77.4	1,134.7	13,025.5	57.7	19,105.9	10,741.7	29,847.7
2002	512.5	4,520.4	3,470.6	510.0	352.4	6,867.6	94.6	1,057.0	12,352.0	62.7	17,447.7	11,188.2	28,635.8
2003	526.8	5,776.8	4,020.8	631.1	645.5	7,902.4	153.8	1,126.3	14,479.9	65.0	20,848.4	11,183.7	32,032.2
2004	627.7	6,169.6	5,036.6	822.8	704.9	9,556.2	186.1	1,230.2	17,536.7	68.5	24,402.4	11,382.9	35,785.3
2005	734.3	7,220.9	6,733.3	1,205.6	844.8	11,715.4	285.8	1,441.3	22,226.2	106.7	30,288.2	12,118.5	42,406.7
2006	773.4	7,351.1	7,651.4	1,359.5	1,032.9	13,301.2	290.0	1,722.8	25,357.8	106.4	33,588.8	12,560.4	46,149.3
2007	795.6	7,131.2	8,061.7	1,387.6	1,204.2	14,469.5	255.2	1,757.4	27,135.6	116.9	35,179.3	13,618.7	48,798.1
2008	936.6	7,908.5	11,530.0	1,888.5	R 1,693.8	16,418.4	362.2	1,816.0	R 33,708.8	150.9	R 42,704.8	13,880.5	R 56,585.3
2009	684.8	6,476.2	6,028.7	890.3	R 1,413.4	12,185.8	179.5	R 1,728.0	R 22,425.6	145.0	R 29,731.7	13,643.6	R 43,375.3
2010	919.3	5,915.7	7,581.8	1,136.5	R 1,554.5	14,424.0	114.5	R 2,067.5	R 26,878.8	159.7	R 33,873.5	15,222.4	R 49,095.9
2011	1,067.4	5,952.0	9,856.6	1,056.1	R 1,744.2	17,871.8	125.2	R 2,191.2	R 32,845.1	R 201.5	R 40,065.9	15,382.9	R 55,448.9
2012	1,089.2	5,336.3	10,274.1	1,074.9	R 1,456.2	18,359.0	152.5	R 2,073.5	R 33,390.1	203.9	R 40,019.5	14,218.8	R 54,238.3
2013	1,123.8	R 6,059.5	10,223.0	917.4	R 1,422.2	R 17,947.3	117.4	R 2,203.3	R 32,830.5	R 263.5	R 40,277.4	14,242.2	R 54,519.6
2014	965.8	6,863.5	10,733.1	830.2	1,516.0	17,023.3	63.9	2,424.4	32,591.0	261.1	40,681.4	14,984.4	55,665.8

[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 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."
[f] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[g] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and biomass waste beginning in 1989.
[h] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[i] For 1981 through 1992, includes fuel ethanol blended into gasoline that is not shown in the motor gasoline column.

Where shown, R = Revised data and (s) = Value less than 0.05 million dollars.
Where shown, — = No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
Notes: Price estimates are weighted averages of price estimates and expenditure estimates are the sum of expenditure estimates for the residential, commercial, industrial, and transportation sectors. • Expenditure totals may not equal sum of components due to independent rounding.
Web Page: All data 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 ET3. Residential Sector Energy Price and Expenditure Estimates, Selected Years, 1970-2014, Pennsylvania

Year	Primary Energy								Retail Electricity	Total Energy [e]
			Petroleum				Biomass			
	Coal [a]	Natural Gas [b]	Distillate Fuel Oil	Kerosene	LPG [c]	Total	Wood [d]	Total [e]		
	Prices in Dollars per Million Btu									
1970	1.03	1.20	1.35	1.57	2.43	1.40	0.40	1.25	7.15	1.97
1975	2.57	1.89	2.81	3.12	4.42	2.88	0.79	2.29	12.80	3.96
1980	2.70	3.73	6.95	8.05	9.00	7.09	2.02	4.88	17.42	7.12
1985	2.83	6.50	7.82	8.62	11.63	8.07	2.29	6.89	25.05	10.57
1990	2.96	6.36	7.84	7.97	12.94	8.17	2.83	6.76	27.03	11.69
1995	2.55	6.92	6.32	5.85	12.75	6.74	2.30	6.67	28.49	12.21
1996	2.73	7.13	7.29	7.11	14.07	7.79	2.64	7.17	28.52	12.47
1997	2.66	8.05	7.27	7.00	13.93	7.77	2.63	7.80	28.99	13.27
1998	2.61	8.15	6.23	5.70	12.56	6.75	2.27	7.51	28.92	13.73
1999	2.52	8.01	6.24	5.58	12.73	6.74	2.33	7.43	26.73	12.73
2000	2.51	8.20	9.36	9.34	16.38	10.04	3.50	8.73	27.94	13.75
2001	4.52	10.91	8.87	10.06	17.55	9.66	3.34	10.28	28.36	15.28
2002	2.77	9.12	8.14	8.48	14.72	8.77	3.03	8.85	28.55	14.62
2003	2.36	10.45	9.98	10.93	16.98	10.76	3.64	10.39	28.10	15.28
2004	3.73	11.81	11.39	12.49	18.92	12.23	4.14	11.78	28.07	16.49
2005	3.33	13.66	15.11	14.54	21.48	15.75	5.48	14.16	28.89	18.73
2006	3.59	15.84	17.54	17.83	24.34	18.40	6.31	16.46	30.33	21.16
2007	3.52	14.12	19.30	19.28	26.54	20.33	6.92	15.92	32.09	21.30
2008	—	15.61	24.32	26.78	31.08	25.12	8.59	19.38	33.27	23.59
2009	—	14.18	17.94	21.62	27.52	20.10	6.40	15.57	34.14	21.84
2010	—	12.44	21.42	24.30	30.14	23.17	7.55	15.61	37.22	23.10
2011	—	11.99	26.11	28.72	31.27	R 27.15	9.07	R 16.40	38.86	R 24.31
2012	—	11.48	29.82	30.15	31.96	30.23	10.09	16.86	37.37	24.45
2013	—	R 11.06	28.77	30.15	31.45	29.30	9.96	R 16.05	37.48	R 23.32
2014	—	11.22	28.07	30.23	33.34	29.00	9.71	16.18	39.03	23.45
	Expenditures in Million Dollars									
1970	49.1	367.4	245.1	29.9	15.0	290.1	2.4	709.0	561.5	1,270.4
1975	32.4	527.3	517.2	35.8	30.5	583.5	4.8	1,148.0	1,208.5	2,356.5
1980	20.6	1,098.2	1,127.1	107.8	46.8	1,281.7	31.3	2,431.9	1,888.1	4,320.0
1985	18.8	1,644.9	1,101.5	139.5	87.4	1,328.4	32.9	3,025.0	2,793.4	5,818.5
1990	19.4	1,586.7	923.0	62.2	107.3	1,092.5	44.5	2,743.2	3,519.4	6,262.6
1995	9.8	1,877.1	746.8	68.5	128.9	944.1	32.7	2,863.7	4,160.6	7,024.3
1996	8.1	2,055.3	878.4	97.3	154.7	1,130.4	38.9	3,232.6	4,247.8	7,480.4
1997	9.0	2,186.6	810.7	100.8	150.9	1,062.4	22.0	3,279.9	4,232.6	7,512.5
1998	6.1	1,841.5	588.2	93.9	143.2	825.4	16.9	2,689.9	4,235.0	6,924.9
1999	5.3	2,004.2	695.7	79.7	155.5	930.9	17.8	2,958.2	4,025.1	6,983.3
2000	5.4	2,231.1	1,139.5	147.7	240.5	1,527.7	28.8	3,792.9	4,290.9	8,083.9
2001	9.8	2,749.1	1,076.5	164.5	199.8	1,440.8	25.3	4,225.0	4,454.1	8,679.1
2002	4.9	2,262.1	971.2	95.4	193.3	1,260.0	23.3	3,550.3	4,747.4	8,297.7
2003	5.4	2,880.8	1,331.0	98.9	279.1	1,709.0	29.5	4,624.7	4,760.2	9,384.8
2004	6.4	3,040.4	1,486.7	137.5	299.6	1,923.7	34.3	5,004.7	4,852.6	9,857.3
2005	4.2	3,482.9	1,748.5	150.2	324.4	2,223.1	51.2	5,761.4	5,289.4	11,050.8
2006	5.1	3,385.6	1,720.2	143.5	363.8	2,227.5	52.3	5,670.6	5,359.0	11,029.6
2007	6.3	3,390.9	1,913.7	103.4	459.1	2,476.1	63.4	5,936.8	5,976.9	11,913.7
2008	—	3,718.5	3,729.0	74.8	617.7	4,421.5	88.1	8,228.0	6,137.0	14,365.0
2009	—	3,356.5	1,380.1	84.1	592.9	2,057.1	93.5	5,507.1	6,162.2	11,669.3
2010	—	2,885.0	1,830.9	102.3	627.4	2,560.6	96.3	5,541.9	7,017.2	12,559.1
2011	—	2,734.3	2,106.0	73.9	R 602.4	R 2,782.2	118.2	R 5,634.8	7,265.4	R 12,900.2
2012	—	2,365.8	2,113.4	32.4	540.2	2,686.1	122.8	5,174.7	6,741.6	11,916.3
2013	—	R 2,696.5	2,285.4	34.7	596.9	2,917.0	167.5	R 5,781.1	6,938.4	R 12,719.4
2014	—	2,999.2	2,560.5	61.4	627.9	3,249.8	163.3	6,412.3	7,217.8	13,630.1

[a] Beginning in 2008, consumption 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 are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.

Where shown, R = Revised data, — = No consumption, and (s) = Value less than 0.05 million dollars.
Note: Expenditure 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 ET4. Commercial Sector Energy Price and Expenditure Estimates, Selected Years, 1970-2014, Pennsylvania

Year	Primary Energy										Retail Electricity	Total Energy f,g,h
			Petroleum						Biomass			
	Coal	Natural Gas a	Distillate Fuel Oil	Kerosene	LPG b	Motor Gasoline c	Residual Fuel Oil	Total d	Wood and Waste e,f	Total f,g,h		
	Prices in Dollars per Million Btu											
1970	0.32	0.93	1.09	0.74	1.38	2.92	0.47	1.13	0.40	0.90	6.71	1.90
1975	1.25	1.67	2.48	2.52	2.75	4.72	2.02	2.57	0.79	1.90	11.88	4.34
1980	1.33	3.49	6.39	6.01	5.14	9.71	4.43	6.06	2.02	3.80	16.63	7.29
1985	1.61	5.99	6.50	8.62	8.88	9.01	4.70	6.52	2.29	5.58	23.28	10.97
1990	1.47	5.77	5.85	7.97	10.35	9.35	3.46	6.18	2.83	5.31	23.99	11.46
1995	1.35	6.06	4.62	5.85	10.22	9.70	2.80	4.88	1.75	5.21	24.66	11.93
1996	1.35	6.23	5.65	7.11	11.39	10.08	3.35	5.87	2.03	5.65	24.68	12.20
1997	1.36	7.10	5.21	7.00	10.94	10.23	2.96	5.68	1.93	6.06	24.89	12.89
1998	1.38	7.17	4.08	5.70	9.70	8.70	2.19	5.10	1.63	6.12	24.41	13.36
1999	1.35	7.04	4.47	5.58	9.89	9.49	2.63	5.14	1.40	6.17	22.62	12.57
2000	1.34	7.46	7.01	9.34	12.66	12.09	4.20	7.67	2.11	6.94	22.80	13.36
2001	1.58	10.12	6.43	10.06	13.42	11.25	3.92	7.21	2.36	8.67	25.45	15.42
2002	1.56	7.42	6.10	8.48	12.05	10.73	4.02	6.73	2.11	6.80	25.11	14.37
2003	1.52	8.90	7.49	10.93	14.19	12.39	5.08	8.38	2.73	8.19	25.26	14.96
2004	1.84	10.20	9.34	12.49	15.88	14.76	5.07	10.10	2.84	9.48	24.94	15.84
2005	2.21	12.53	13.32	14.54	17.85	18.20	7.56	13.48	3.77	11.93	24.90	17.37
2006	2.31	13.77	15.46	17.83	19.80	20.88	8.60	15.97	3.84	13.28	26.22	19.00
2007	2.45	12.30	17.04	19.28	21.59	22.64	9.60	17.48	4.36	12.38	26.98	18.74
2008	4.55	13.75	24.13	26.78	26.04	26.55	12.76	24.07	5.22	15.63	27.51	20.89
2009	4.72	11.38	14.93	21.62	21.02	19.56	9.54	16.10	4.15	11.88	27.98	19.16
2010	4.47	10.10	18.31	24.30	24.08	23.16	12.91	19.65	4.71	11.49	29.60	19.87
2011	5.19	10.02	24.50	28.72	26.54	29.45	18.07	R 25.09	5.56	R 12.26	29.39	R 19.89
2012	6.10	9.81	24.98	30.15	24.60	30.57	18.61	24.95	5.25	11.87	27.66	19.32
2013	5.12	R 9.61	24.77	30.15	24.25	29.69	17.63	24.70	R 5.51	R 11.58	27.11	R 18.34
2014	4.36	9.65	23.38	30.23	25.56	28.72	14.60	24.09	5.15	11.49	28.50	18.65
	Expenditures in Million Dollars											
1970	12.1	95.9	34.4	1.2	3.2	37.6	15.4	91.8	(s)	199.8	307.6	507.5
1975	36.6	169.1	79.4	2.5	7.2	32.5	46.0	167.6	0.1	373.5	754.3	1,127.8
1980	38.2	422.8	218.2	6.6	10.1	16.0	42.4	293.2	0.8	754.9	1,234.2	1,989.2
1985	37.9	714.6	208.7	17.5	25.3	21.2	41.8	314.5	0.8	1,067.9	1,952.9	3,020.7
1990	38.6	754.0	226.4	6.8	32.5	34.4	17.3	317.4	4.9	1,114.9	2,472.0	3,587.0
1995	34.8	902.1	170.3	17.5	39.2	4.4	21.5	252.9	5.9	1,195.7	2,990.0	4,185.7
1996	29.2	996.4	202.1	22.4	47.5	4.6	27.4	304.1	6.7	1,336.3	3,062.6	4,398.9
1997	37.1	1,059.0	145.7	12.8	45.0	15.1	19.2	237.8	4.8	1,338.7	3,129.4	4,468.1
1998	26.0	973.3	109.1	9.2	42.0	42.2	8.2	210.6	4.0	1,213.9	3,172.6	4,386.5
1999	20.8	1,044.3	123.5	10.9	45.8	9.3	8.9	198.4	4.2	1,267.8	2,956.2	4,224.0
2000	23.3	1,121.9	224.1	21.5	70.5	9.2	16.7	342.1	6.1	1,493.4	3,343.7	4,837.1
2001	27.7	1,456.1	224.4	28.6	57.9	7.4	12.3	330.7	6.4	1,821.0	3,599.0	5,419.9
2002	20.2	1,048.8	264.5	18.6	60.0	8.8	9.5	361.5	6.7	1,437.2	3,734.7	5,171.9
2003	23.2	1,384.0	281.5	24.4	88.1	10.2	18.0	422.2	8.8	1,838.2	3,724.2	5,562.4
2004	28.2	1,511.6	337.6	29.0	106.2	8.5	19.4	500.7	8.8	2,049.4	3,773.9	5,823.3
2005	31.9	1,890.4	474.7	38.0	97.7	8.5	29.8	648.6	11.8	2,582.6	3,890.1	6,472.7
2006	33.0	1,863.7	511.6	42.4	120.3	9.9	15.5	699.7	11.4	2,607.8	4,081.0	6,688.8
2007	39.8	1,862.5	484.9	20.4	143.8	10.7	23.5	683.2	13.7	2,599.2	4,374.8	6,974.0
2008	23.8	2,066.4	858.5	8.8	167.9	12.4	19.3	1,067.0	17.2	3,174.3	4,443.8	7,618.1
2009	23.7	1,704.6	359.1	11.0	143.8	9.1	14.7	537.7	15.5	2,281.5	4,430.8	6,712.3
2010	21.1	1,483.6	432.7	18.4	165.3	10.6	7.4	634.4	18.3	2,157.4	4,783.8	6,941.2
2011	22.5	1,471.0	516.1	5.7	R 209.9	13.4	4.6	R 749.7	20.7	R 2,263.9	4,365.4	R 6,629.4
2012	20.0	1,299.8	427.2	2.0	160.9	13.8	3.0	606.9	20.5	1,947.3	4,050.4	5,997.7
2013	15.7	R 1,507.5	459.7	1.7	187.1	R 13.8	1.2	663.5	R 22.5	R 2,209.3	3,990.9	R 6,200.1
2014	13.4	1,617.1	464.8	6.4	198.5	13.1	1.2	683.9	23.1	2,337.5	4,215.6	6,553.2

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 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 the use of wood and biomass waste beginning in 1989.
g There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
h For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

Where shown, R = Revised data and (s) = Value less than 0.05 million dollars.

Where shown, — = No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

Notes: Expenditure totals may not equal sum of components due to independent rounding. • Commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants.

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 ET5. Industrial Sector Energy Price and Expenditure Estimates, Selected Years, 1970-2014, Pennsylvania

Year	Primary Energy												Retail Electricity	Total Energy f,g,h
	Coal			Natural Gas a	Petroleum						Biomass	Total f,g,h		
	Coking Coal	Steam Coal	Total		Distillate Fuel Oil	LPG b	Motor Gasoline c	Residual Fuel Oil	Other d	Total	Wood and Waste e,f			
	Prices in Dollars per Million Btu													
1970	0.44	0.32	0.41	0.57	0.70	1.41	2.92	0.50	1.82	1.01	1.60	0.56	3.55	0.79
1975	1.52	1.25	1.47	1.07	2.38	2.90	4.72	2.07	3.24	2.60	1.60	1.62	7.99	2.25
1980	2.20	1.33	2.03	3.00	5.67	5.42	9.71	4.07	7.68	6.15	1.62	3.04	12.87	4.24
1985	1.88	1.61	1.81	4.77	6.40	9.60	9.01	4.70	9.07	7.95	1.62	3.88	17.07	6.01
1990	1.71	1.47	1.65	4.01	5.89	11.13	9.35	3.46	7.20	6.53	1.08	3.39	17.51	5.67
1995	1.72	1.35	1.63	3.77	5.05	8.87	9.70	2.80	8.01	7.02	1.28	3.17	17.35	5.53
1996	1.69	1.35	1.59	3.98	5.99	9.42	10.08	3.35	8.36	7.39	1.17	3.25	17.38	5.61
1997	1.72	1.36	1.62	4.45	5.39	10.39	10.23	2.96	8.86	7.72	1.16	3.42	17.24	5.81
1998	1.55	1.38	1.49	4.00	4.18	9.68	8.70	2.19	7.85	6.86	1.24	3.38	16.42	5.98
1999	1.62	1.35	1.53	3.85	4.85	9.88	9.49	2.63	9.83	8.02	1.36	3.51	14.44	5.66
2000	1.66	1.34	1.56	4.95	7.74	12.91	12.09	4.20	9.67	9.06	1.40	4.21	16.50	6.54
2001	1.73	1.58	1.69	6.81	6.95	13.26	11.25	3.92	8.59	8.44	1.84	4.86	16.89	7.31
2002	1.93	1.56	1.82	6.06	6.37	12.55	10.73	4.02	9.92	9.01	2.06	4.69	17.10	7.24
2003	1.93	1.52	1.82	7.81	7.70	15.38	12.39	5.08	10.19	10.09	1.63	5.54	17.01	7.82
2004	2.31	1.84	2.17	8.63	9.85	17.40	14.76	5.07	10.24	10.90	1.77	6.19	17.21	8.40
2005	3.01	2.21	2.80	10.81	13.88	19.01	18.20	7.56	11.50	13.21	2.60	7.85	18.45	10.05
2006	3.33	2.31	3.06	11.84	15.87	21.11	20.88	8.60	14.44	15.91	2.53	9.25	19.44	11.35
2007	3.49	2.45	3.23	10.24	18.09	24.62	22.64	9.60	16.46	18.13	2.41	9.44	20.14	11.70
2008	4.41	2.90	4.02	11.64	25.06	29.51	26.55	12.76	18.96	22.77	2.70	R 11.51	20.61	13.43
2009	5.18	3.08	4.48	8.84	15.11	24.27	19.56	9.54	R 20.08	R 19.39	2.54	R 10.29	21.14	R 12.87
2010	5.47	3.15	4.83	7.94	18.08	27.80	23.16	12.91	R 23.66	R 22.75	2.65	R 10.57	22.44	R 13.15
2011	6.60	3.60	5.81	9.49	24.50	R 31.04	29.45	18.07	R 27.94	R 27.35	2.50	R 12.63	22.66	R 14.99
2012	6.32	3.69	5.77	9.18	25.60	30.48	30.57	18.61	R 28.31	R 27.88	2.39	R 12.52	21.18	R 14.52
2013	5.47	3.44	5.11	R 8.68	24.52	29.90	29.69	17.63	R 28.37	R 27.27	R 2.31	R 11.46	20.42	R 13.32
2014	4.47	3.43	4.30	9.48	22.68	31.63	28.72	14.60	27.37	26.25	2.65	11.48	21.72	13.53
	Expenditures in Million Dollars													
1970	317.5	64.3	381.8	186.2	38.9	12.6	18.1	60.9	142.0	272.4	8.5	848.9	458.4	1,307.3
1975	913.7	172.0	1,085.7	266.6	144.8	36.2	27.2	196.0	247.2	651.5	9.5	2,013.2	1,092.1	3,105.4
1980	1,005.0	150.8	1,155.8	957.9	358.4	102.8	29.9	153.1	558.5	1,202.7	20.1	3,336.6	1,964.8	5,301.4
1985	492.9	154.7	647.5	1,077.2	235.6	153.7	60.4	70.5	592.6	1,112.8	23.5	2,861.1	2,430.3	5,291.4
1990	480.0	148.9	628.9	943.7	255.7	116.5	58.0	106.1	601.1	1,137.4	12.1	2,722.1	2,702.2	5,424.3
1995	500.7	135.5	636.2	933.1	125.4	50.7	47.3	36.1	646.1	905.6	28.0	2,502.9	2,744.0	5,246.9
1996	482.7	149.3	632.0	952.7	153.6	64.3	45.0	51.9	622.4	937.2	24.3	2,546.2	2,736.0	5,282.1
1997	477.4	151.6	629.1	1,042.5	129.4	46.3	47.4	32.2	654.8	910.0	26.5	2,608.1	2,764.0	5,372.1
1998	301.2	122.5	423.7	908.4	97.7	40.6	39.6	18.8	653.1	849.7	22.9	2,204.7	2,669.3	4,874.0
1999	291.6	120.0	411.6	874.4	141.2	41.0	36.7	20.3	652.6	891.8	27.1	2,204.8	2,213.6	4,418.5
2000	319.8	114.3	434.1	1,095.5	248.2	78.7	44.3	35.4	767.2	1,173.8	27.5	2,730.9	2,497.7	5,228.5
2001	319.6	128.3	447.9	1,328.4	237.3	108.9	80.0	18.8	748.3	1,193.3	26.0	2,995.7	2,658.2	5,653.8
2002	370.5	116.9	487.4	1,206.6	191.2	93.7	80.1	21.9	735.6	1,122.4	32.7	2,849.1	2,676.8	5,525.9
2003	387.5	110.7	498.2	1,508.3	212.9	268.2	97.4	52.1	795.8	1,426.3	26.7	3,459.5	2,642.8	6,102.3
2004	448.2	144.8	593.0	1,612.1	304.5	288.6	140.0	49.6	844.4	1,627.1	25.4	3,857.7	2,696.2	6,553.9
2005	549.4	148.9	698.3	1,843.9	445.4	408.0	174.2	61.2	997.0	2,085.8	43.7	4,671.6	2,875.4	7,547.0
2006	589.6	145.7	735.4	2,097.4	671.1	533.8	228.9	72.4	1,212.8	2,719.0	42.7	5,594.5	3,059.6	8,654.1
2007	606.4	143.1	749.5	1,874.4	820.6	589.6	179.9	65.4	1,289.7	2,945.1	39.8	5,608.8	3,199.4	8,808.2
2008	743.9	168.9	912.8	2,121.3	1,269.3	R 877.6	113.9	76.3	1,358.0	R 3,695.0	45.6	R 6,774.7	3,234.5	R 10,009.2
2009	510.1	151.0	661.1	1,413.7	479.0	R 658.9	83.8	41.2	R 1,296.0	R 2,558.9	36.0	R 4,669.7	2,982.3	R 7,652.0
2010	738.0	160.2	898.2	1,546.0	615.6	R 740.4	240.8	51.5	R 1,548.9	R 3,197.3	45.2	R 5,686.7	3,351.2	R 9,037.9
2011	875.5	169.3	1,044.8	1,745.6	995.5	R 904.8	185.2	78.0	R 1,661.9	R 3,825.4	R 62.6	R 6,678.4	3,677.0	R 10,355.4
2012	927.2	142.0	1,069.1	1,668.3	1,164.1	R 727.7	320.9	23.2	R 1,607.2	R 3,843.2	60.6	R 6,641.3	3,356.1	R 9,997.4
2013	976.9	131.2	1,108.1	R 1,853.2	1,232.5	R 598.4	R 320.6	14.1	R 1,730.1	R 3,895.8	R 73.6	R 6,930.6	3,249.4	R 10,180.0
2014	826.9	125.5	952.4	2,244.8	1,299.6	649.7	253.9	6.9	1,902.8	4,112.9	74.7	7,384.8	3,487.8	10,872.5

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 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."
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 the use of wood and biomass waste beginning in 1989.
g There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
h For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

Where shown, R = Revised data and (s) = Value less than 0.05 million dollars.
Where shown, — = No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
Notes: Expenditure totals may not equal sum of components due to independent rounding. • Industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants.
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 ET6. Transportation Sector Energy Price and Expenditure Estimates, Selected Years, 1970-2014, Pennsylvania

Year	Primary Energy											Retail Electricity	Total Energy [d]
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel Oil	Jet Fuel [a]	LPG [b]	Lubricants	Motor Gasoline [c]	Residual Fuel Oil	Total	Total [d]		
	Prices in Dollars per Million Btu												
1970	0.32	—	2.17	1.35	0.72	1.38	5.08	2.92	0.42	2.48	2.47	3.66	2.48
1975	1.25	—	3.45	2.64	2.01	2.75	7.48	4.72	1.80	4.15	4.15	8.41	4.16
1980	—	—	9.02	7.05	6.27	5.14	14.36	9.71	3.76	8.85	8.85	15.14	8.86
1985	—	—	9.99	8.35	5.84	10.13	18.18	9.01	4.14	8.66	8.66	21.08	8.68
1990	—	4.69	9.32	8.79	5.59	12.24	20.61	9.35	2.82	8.77	8.77	21.63	8.79
1995	—	6.99	8.36	8.07	3.87	12.17	21.75	9.70	2.60	8.77	8.77	22.20	8.79
1996	—	4.00	9.29	9.02	4.77	12.54	21.63	10.08	3.22	9.39	9.39	22.17	9.41
1997	—	4.83	9.39	8.87	4.36	12.66	21.82	10.23	2.63	9.27	9.27	23.56	9.29
1998	—	4.84	8.11	8.26	3.23	11.09	21.44	8.70	2.05	7.91	7.91	25.86	7.94
1999	—	5.72	8.81	8.78	3.79	12.61	23.04	9.49	2.68	8.68	8.68	16.98	8.69
2000	—	4.73	10.87	11.84	6.81	15.78	23.20	12.09	3.45	11.27	11.27	19.41	11.28
2001	—	8.19	11.01	10.86	5.59	15.99	24.51	11.25	3.00	10.51	10.51	21.67	10.52
2002	—	6.50	10.72	10.08	5.29	14.36	26.70	10.73	3.49	10.03	10.03	21.37	10.05
2003	—	6.83	12.42	11.53	6.37	15.93	28.94	12.39	4.50	11.56	11.55	22.81	11.58
2004	—	8.95	15.13	13.61	8.86	17.59	30.11	14.76	4.65	13.80	13.80	21.45	13.82
2005	—	9.56	18.56	18.01	12.64	19.47	35.22	18.20	6.73	17.41	17.41	21.18	17.42
2006	—	13.03	22.31	20.11	14.56	21.76	43.88	20.88	7.68	19.91	19.91	21.85	19.91
2007	—	10.42	23.70	21.21	15.79	23.86	47.16	22.64	7.74	21.54	21.54	22.64	21.54
2008	—	7.99	27.23	28.51	23.07	27.59	55.12	26.55	11.99	26.52	26.51	22.17	26.50
2009	—	4.95	20.32	18.95	12.59	22.12	56.07	19.56	8.20	18.94	18.93	22.78	18.94
2010	—	3.63	25.19	22.58	16.10	25.96	58.80	23.16	11.08	22.67	22.66	23.17	22.66
2011	—	3.27	31.64	28.77	22.71	28.46	69.54	29.45	15.13	29.17	29.16	26.17	29.15
2012	—	7.62	33.04	29.72	23.18	26.60	72.11	30.57	16.84	30.11	30.10	23.65	30.08
2013	—	R 6.84	32.71	28.92	22.10	26.27	69.42	29.69	16.17	29.31	29.30	22.88	29.28
2014	—	6.26	33.16	28.94	20.90	28.32	69.44	28.72	15.63	28.66	28.65	22.42	28.63
	Expenditures in Million Dollars												
1970	0.4	—	7.3	99.5	36.9	0.7	40.9	1,503.8	14.6	1,703.6	1,704.0	2.3	1,706.3
1975	0.1	—	7.4	254.4	96.2	1.7	49.7	2,635.5	65.5	3,110.4	3,110.5	5.6	3,116.1
1980	—	—	15.3	885.1	360.1	2.9	114.3	5,461.1	113.4	6,952.3	6,952.3	9.6	6,961.9
1985	—	—	10.5	989.1	334.6	9.7	131.7	4,745.5	55.7	6,276.8	6,276.8	26.3	6,303.1
1990	—	(s)	6.8	1,187.3	380.7	7.4	168.0	5,184.8	99.1	7,034.0	7,034.0	29.3	7,063.3
1995	—	0.8	5.3	1,372.8	269.9	8.8	169.1	5,633.2	77.9	7,537.1	7,537.9	28.7	7,566.6
1996	—	0.6	5.7	1,495.0	320.0	7.1	163.2	5,928.4	67.3	7,986.7	7,987.3	30.1	8,017.4
1997	—	0.1	5.1	1,560.4	366.6	5.7	173.9	6,061.9	75.7	8,249.2	8,249.3	30.2	8,279.5
1998	—	1.3	5.1	1,496.8	306.4	5.4	178.9	5,219.4	70.5	7,282.6	7,283.9	33.6	7,317.5
1999	—	2.0	9.1	1,646.3	342.2	4.7	194.3	5,763.5	84.2	8,044.3	8,046.3	22.7	8,069.0
2000	—	1.8	8.5	2,341.2	734.5	4.1	192.7	7,387.6	102.1	10,770.5	10,772.3	26.5	10,798.9
2001	—	3.6	6.8	2,237.7	597.8	5.4	186.5	6,980.3	46.2	10,060.7	10,064.3	30.5	10,094.7
2002	—	2.9	6.5	2,043.7	510.0	5.4	200.8	6,778.7	63.2	9,608.2	9,611.1	29.4	9,640.5
2003	—	3.7	5.9	2,195.4	631.1	10.1	201.2	7,794.9	83.7	10,922.4	10,926.1	56.6	10,982.7
2004	—	5.4	7.2	2,907.8	822.8	10.5	212.1	9,407.7	117.1	13,485.2	13,490.6	60.3	13,550.8
2005	—	3.8	9.4	4,064.8	1,205.6	14.7	246.8	11,532.8	194.8	17,268.8	17,272.6	63.5	17,336.2
2006	—	4.4	24.5	4,748.6	1,359.5	14.9	299.5	13,062.4	202.1	19,711.6	19,716.0	60.9	19,776.8
2007	—	3.3	11.5	4,842.6	1,387.6	11.9	332.4	14,278.9	166.3	21,031.2	21,034.6	67.6	21,102.2
2008	—	2.4	13.7	5,673.2	1,888.5	30.6	360.7	16,292.1	266.5	24,525.3	24,527.7	65.3	24,593.0
2009	—	1.4	7.1	3,810.4	890.3	17.8	329.9	12,092.9	123.6	17,271.9	17,273.3	68.3	17,341.6
2010	—	1.1	13.5	4,702.5	1,136.5	21.5	384.4	14,172.6	55.6	20,486.5	20,487.6	70.1	20,557.8
2011	—	1.0	18.5	6,239.0	1,056.1	27.1	431.3	17,673.2	42.6	25,487.8	25,488.9	75.0	25,563.9
2012	—	2.4	20.3	6,569.3	1,074.9	27.4	411.5	18,024.3	126.2	26,253.9	26,256.3	70.6	26,326.9
2013	—	R 2.2	R 17.5	6,245.3	917.4	R 39.8	419.2	R 17,612.9	102.2	R 25,354.3	R 25,356.5	63.5	R 25,420.0
2014	—	2.4	16.4	6,408.2	830.2	39.9	437.3	16,756.4	55.9	24,544.4	24,546.8	63.3	24,610.1

[a] 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."
[b] Liquefied petroleum gases, includes ethane and olefins.
[c] Beginning in 1993, includes fuel ethanol blended into motor gasoline.
[d] For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

Where shown, R = Revised data and (s) = Value less than 0.05 million dollars.
Where shown, — = No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
Note: Expenditure 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 ET7. Electric Power Sector Price and Expenditure Estimates, Selected Years, 1970-2014, Pennsylvania

Year	Coal	Natural Gas [a]	Petroleum				Nuclear Fuel	Biomass	Electricity Imports [c]	Total Energy [d]
			Distillate Fuel Oil	Petroleum Coke	Residual Fuel Oil	Total		Wood and Waste [b]		
	Prices in Dollars per Million Btu									
1970	0.31	0.41	0.49	—	0.47	0.47	0.21	—	—	0.34
1975	0.96	1.47	2.27	—	2.07	2.12	0.25	—	—	0.93
1980	1.33	3.60	5.85	0.72	4.52	4.60	0.42	—	—	1.55
1985	1.56	5.08	5.85	1.27	4.32	4.30	0.92	—	—	1.61
1990	1.52	2.95	5.48	0.90	3.31	3.52	0.83	0.46	—	1.35
1995	1.36	1.98	3.80	0.55	2.55	2.43	0.56	0.70	6.21	1.09
1996	1.38	2.77	4.79	0.67	3.19	3.06	0.55	0.59	6.37	1.12
1997	1.36	2.93	4.34	0.68	2.61	2.48	0.52	0.50	6.71	1.08
1998	1.35	3.17	3.00	0.94	2.13	2.10	0.53	0.61	7.87	1.11
1999	1.30	2.93	3.61	0.79	2.55	2.56	0.51	0.67	8.69	1.04
2000	1.15	3.71	6.57	0.74	3.58	4.57	0.48	0.67	—	1.00
2001	1.21	8.51	6.19	0.80	3.32	3.80	0.37	1.36	—	1.02
2002	1.25	3.86	6.07	0.85	3.49	3.77	0.40	1.64	8.94	1.03
2003	1.21	6.33	6.13	0.80	4.44	4.33	0.38	1.58	13.21	1.09
2004	1.36	7.22	8.42	0.86	4.45	4.52	0.36	1.46	13.84	1.27
2005	1.58	9.94	12.32	1.21	6.71	7.16	0.37	2.28	16.53	1.61
2006	1.71	7.50	13.54	1.21	7.47	9.00	0.40	2.32	17.32	1.56
2007	1.74	7.77	12.77	—	7.38	9.20	0.44	2.42	18.25	1.73
2008	2.09	10.12	20.30	2.01	12.27	15.22	0.47	2.66	18.28	2.10
2009	2.29	4.47	12.15	1.72	8.10	9.06	0.57	2.20	12.10	1.89
2010	2.40	5.13	16.26	—	12.26	14.75	0.65	2.40	13.31	2.12
2011	2.55	4.72	22.44	—	18.24	21.30	0.69	2.43	11.53	2.23
2012	2.43	3.05	23.56	—	20.68	23.02	0.75	2.22	9.51	1.97
2013	2.47	4.00	24.43	—	19.32	23.64	0.82	2.25	11.49	2.16
2014	2.51	4.84	23.67	—	17.75	22.49	0.78	2.70	13.31	2.36
	Expenditures in Million Dollars									
1970	213.6	4.0	11.3	—	66.6	77.8	1.1	—	—	296.5
1975	822.7	1.8	45.2	—	133.8	178.9	44.3	—	—	1,047.7
1980	1,364.4	10.5	76.2	1.4	489.2	566.8	55.4	—	—	1,997.2
1985	1,592.7	8.0	48.5	6.0	315.7	370.2	257.5	—	—	2,228.4
1990	1,605.3	41.2	68.3	5.4	138.4	212.1	506.8	4.1	—	2,369.5
1995	1,443.8	80.5	31.0	4.3	77.4	112.7	387.6	19.5	0.5	2,044.5
1996	1,548.9	73.2	42.2	5.5	101.2	148.9	393.6	17.2	4.5	2,186.3
1997	1,557.2	61.4	26.6	5.4	60.0	92.1	369.6	14.5	2.6	2,097.3
1998	1,567.4	98.5	27.1	7.5	75.6	110.2	340.1	18.8	0.3	2,135.3
1999	1,464.9	95.3	27.9	3.4	70.8	102.1	378.2	21.0	0.4	2,061.8
2000	1,391.0	78.9	99.1	0.1	106.8	205.9	371.0	21.0	—	2,068.0
2001	1,334.7	199.1	42.0	0.1	108.0	150.1	283.9	34.2	—	2,002.1
2002	1,466.3	199.5	43.7	3.1	71.6	118.4	317.2	41.1	(s)	2,142.6
2003	1,420.9	271.3	48.0	4.1	162.5	214.6	296.0	38.8	0.8	2,242.5
2004	1,614.1	570.6	52.5	5.2	149.1	206.8	292.4	35.1	4.1	2,723.1
2005	1,939.4	830.6	91.2	3.7	297.8	392.7	298.5	57.0	1.7	3,519.9
2006	2,130.6	783.3	51.2	1.2	44.6	97.0	316.0	59.0	1.9	3,387.8
2007	2,164.0	1,153.1	61.9	—	70.3	132.2	356.5	64.0	9.8	3,879.6
2008	2,484.6	1,475.0	93.2	1.6	54.1	148.9	382.3	76.1	55.4	4,622.3
2009	2,447.8	968.5	41.6	1.4	39.5	82.5	457.6	62.9	25.5	4,044.7
2010	2,687.9	1,294.1	69.0	—	31.5	100.5	528.1	72.3	34.9	4,717.7
2011	2,618.0	1,485.4	87.0	—	26.4	113.4	549.2	69.6	26.2	4,861.9
2012	2,193.4	1,240.4	68.2	—	13.8	82.1	594.4	61.1	44.2	4,215.5
2013	2,234.9	1,511.0	80.6	—	11.7	92.4	672.7	61.8	R 44.8	R 4,617.5
2014	2,040.6	1,955.8	137.0	—	25.4	162.5	639.3	72.8	26.2	4,897.1

[a] Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
[b] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[c] Electricity imported from Canada and Mexico.
[d] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
Where shown, R = Revised data, — = No consumption, and (s) = Value less than 0.05 million dollars.

Notes: Expenditure 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.
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.