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

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	—	0.34	0.34	0.39	0.99	0.75	1.28	2.64	0.47	1.62	2.02	—	2.53	0.99	0.30	5.74	1.56
1975	—	0.68	0.68	0.67	2.43	2.09	2.70	4.50	1.60	3.20	3.48	—	2.76	1.90	0.72	7.72	2.89
1980	—	1.08	1.08	2.14	6.52	6.47	4.51	9.27	3.24	6.51	7.59	—	3.06	3.89	1.38	13.75	5.99
1985	—	1.41	1.41	3.58	6.55	5.94	4.48	9.28	3.91	9.38	7.31	0.84	3.46	4.33	1.44	19.07	7.28
1990	—	1.24	1.24	3.30	7.53	5.57	4.67	8.90	2.10	7.02	7.49	0.30	2.98	4.02	1.08	19.31	7.64
1995	—	1.03	1.03	3.22	6.72	4.19	7.37	8.53	2.48	7.04	7.54	0.39	2.76	3.69	0.91	19.27	7.74
1996	—	1.00	1.00	4.16	7.58	4.76	9.07	9.35	2.53	7.09	8.42	0.49	3.07	4.22	0.97	19.16	8.56
1997	—	1.02	1.02	4.46	7.25	4.88	8.88	9.34	2.60	9.17	8.50	0.49	3.06	4.42	1.01	18.53	8.83
1998	—	0.98	0.98	4.12	6.03	3.68	7.70	7.85	2.75	7.99	7.20	0.47	2.70	3.83	0.96	18.45	8.22
1999	—	0.96	0.96	4.09	6.83	4.30	7.80	8.65	2.18	8.80	7.81	0.45	2.77	4.16	0.98	18.26	8.54
2000	—	0.99	0.99	5.48	9.44	6.53	11.05	11.45	3.68	10.25	10.47	0.44	4.15	5.20	1.13	18.42	10.37
2001	—	1.05	1.05	6.82	8.85	6.15	11.68	11.12	3.27	8.51	9.97	0.44	3.90	5.21	1.07	18.32	10.69
2002	—	0.99	0.99	5.12	8.47	5.55	9.74	10.72	2.57	8.92	9.46	0.40	3.27	4.53	0.99	18.52	9.81
2003	—	1.02	1.02	6.78	9.80	6.68	12.09	12.20	3.72	10.06	10.87	0.37	3.89	5.64	1.08	18.65	11.09
2004	—	1.03	1.03	8.27	11.87	8.61	13.48	14.40	4.20	10.02	12.62	0.41	4.39	6.45	1.06	18.71	12.53
2005	—	1.13	1.13	9.56	16.28	13.71	15.66	17.60	5.24	13.69	16.14	0.42	5.46	7.51	1.29	19.23	14.89
2006	—	1.21	1.21	9.07	18.30	14.70	17.43	19.90	6.50	17.86	18.83	0.41	7.45	8.46	1.29	20.25	16.19
2007	—	1.24	1.24	9.09	20.11	16.00	20.83	22.28	8.53	18.87	20.93	0.43	8.17	9.41	1.33	20.08	17.27
2008	—	1.42	1.42	10.40	26.40	22.77	R 23.29	25.39	12.32	24.18	R 25.22	0.42	10.19	R 10.97	1.62	21.89	R 19.83
2009	—	1.44	1.44	7.13	16.71	12.61	R 19.19	18.39	7.93	R 22.58	R 17.73	0.46	7.66	R 7.90	1.44	23.43	R 15.66
2010	—	1.52	1.52	7.40	20.49	16.27	R 20.32	21.98	11.63	R 22.56	R 21.09	0.62	7.15	R 9.06	1.55	24.52	R 17.70
2011	—	1.76	1.76	6.89	27.21	22.56	R 23.94	28.00	15.67	R 32.19	R 27.42	0.69	5.46	R 11.09	1.80	26.11	R 20.64
2012	—	1.84	1.84	5.72	27.71	22.97	R 22.37	28.60	16.96	R 32.40	R 27.94	0.70	5.89	R 11.33	1.73	27.42	R 21.28
2013	—	1.78	1.78	R 6.97	27.54	22.06	R 24.04	27.89	16.72	R 32.80	R 27.64	0.75	R 6.10	R 11.64	1.78	28.68	R 21.42
2014	—	1.80	1.80	7.73	26.59	20.59	27.54	26.68	15.98	34.22	26.81	0.65	6.23	11.69	1.75	29.97	21.46
	Expenditures in Million Dollars																
1970	—	3.7	3.7	175.6	43.3	6.4	37.7	399.6	1.5	42.5	531.0	—	3.4	713.8	-53.9	259.0	918.9
1975	—	42.5	42.5	248.1	159.8	15.0	86.9	756.2	49.8	79.6	1,147.4	—	6.6	1,444.6	-159.5	444.0	1,729.0
1980	—	207.0	207.0	808.1	560.3	89.3	134.6	1,440.7	17.9	225.1	2,467.8	—	4.6	3,487.4	-394.3	986.7	4,079.8
1985	—	365.8	365.8	960.1	568.1	147.6	382.4	1,375.6	1.3	218.5	2,693.5	34.2	6.6	4,077.2	-452.8	1,520.6	5,145.1
1990	—	337.3	337.3	872.1	732.0	115.4	250.1	1,338.4	2.3	261.5	2,699.8	25.0	9.6	3,949.2	-409.8	1,774.7	5,314.1
1995	—	297.1	297.1	892.7	712.5	57.2	130.6	1,309.0	0.3	236.6	2,446.2	41.4	7.3	3,684.8	-380.6	1,980.7	5,285.0
1996	—	337.2	337.2	1,109.1	730.4	54.2	335.5	1,509.4	3.5	226.4	2,859.3	42.5	8.6	4,356.7	-432.1	2,030.0	5,954.6
1997	—	318.5	318.5	1,094.5	690.8	59.0	457.7	1,494.5	2.8	211.2	2,916.0	43.3	6.9	4,379.2	-428.7	2,024.5	5,975.0
1998	—	304.2	304.2	1,039.2	559.0	45.1	378.8	1,310.5	2.2	217.0	2,512.5	51.1	4.5	3,911.6	-437.0	2,133.2	5,607.9
1999	—	315.3	315.3	956.9	622.0	84.8	597.6	1,513.4	5.6	237.0	3,060.4	43.1	4.7	4,380.5	-451.6	2,090.6	6,019.5
2000	—	358.2	358.2	1,359.9	815.7	119.7	681.6	1,903.5	17.8	261.8	3,800.1	41.9	7.4	5,567.5	-558.6	2,241.9	7,250.9
2001	—	373.3	373.3	1,497.0	800.3	78.7	462.0	1,757.3	22.8	307.4	3,428.5	47.1	7.1	5,352.9	-525.1	2,223.3	7,051.1
2002	—	387.3	387.3	1,200.2	805.9	67.2	370.9	1,596.0	14.5	296.3	3,150.8	37.8	7.1	4,783.0	-501.5	2,302.8	6,584.3
2003	—	397.1	397.1	1,515.7	974.8	122.3	722.4	2,076.5	48.5	279.9	4,224.4	34.0	8.7	6,179.9	-542.0	2,319.9	7,957.8
2004	—	399.0	399.0	1,731.9	1,184.4	151.6	709.2	2,382.5	57.1	310.8	4,795.7	43.7	9.9	6,980.2	-534.9	2,350.3	8,795.6
2005	—	428.8	428.8	1,934.9	1,718.5	136.6	165.5	2,576.2	67.4	323.9	4,988.2	38.4	10.8	7,401.1	-636.8	2,539.0	9,303.3
2006	—	439.2	439.2	1,937.3	2,014.3	146.1	125.0	3,265.2	24.4	405.7	5,980.7	40.1	10.5	8,407.9	-621.1	2,721.6	10,508.3
2007	—	492.8	492.8	2,190.1	2,255.0	140.0	1,290.9	3,673.4	23.9	424.0	7,807.0	46.5	12.7	10,549.1	-700.4	2,728.6	12,577.3
2008	—	529.6	529.6	2,521.6	3,066.5	224.0	R 322.5	4,061.5	91.7	425.9	R 8,192.1	37.1	17.4	R 11,297.7	-786.9	2,959.0	R 13,469.8
2009	—	511.7	511.7	1,694.7	1,880.9	175.0	R 256.1	2,979.4	21.0	R 395.2	R 5,707.6	42.6	13.3	R 7,970.0	-689.2	3,029.1	R 10,309.9
2010	—	546.4	546.4	1,705.6	2,266.5	280.0	R 248.4	3,546.8	25.2	R 553.0	R 6,919.9	62.1	15.3	R 9,249.3	-754.5	3,351.6	R 11,846.4
2011	—	608.8	608.8	1,631.6	2,925.9	377.6	R 276.4	4,352.6	26.4	R 509.0	R 8,467.8	52.6	21.4	R 10,782.1	-814.7	3,597.9	R 13,565.2
2012	—	566.0	566.0	1,248.6	2,996.3	359.3	R 213.9	4,448.5	26.3	R 503.9	R 8,548.2	60.7	21.0	R 10,444.5	-739.4	3,733.1	R 13,438.2
2013	—	580.8	580.8	R 1,569.1	3,450.7	223.3	R 267.3	R 4,359.4	18.4	R 515.7	R 8,834.8	56.4	R 27.3	R 11,068.5	-754.6	3,790.1	R 14,104.0
2014	—	568.5	568.5	1,754.8	3,725.1	191.8	310.8	4,174.8	17.9	524.3	8,944.6	58.2	27.3	11,353.4	-739.6	4,032.6	14,646.3

[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, Kansas

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	0.47	0.45	0.99	0.75	1.28	2.64	0.45	1.62	2.04	2.53	1.22	5.74	1.56
1975	0.92	0.78	2.49	2.09	2.70	4.50	1.82	3.20	3.70	2.76	2.38	7.72	2.89
1980	1.32	2.27	6.54	6.47	4.51	9.27	2.54	6.51	7.64	3.06	5.08	13.75	5.99
1985	1.69	3.63	6.56	5.94	4.48	9.28	3.86	9.38	7.31	3.46	5.78	19.07	7.28
1990	1.18	3.48	7.54	5.57	4.67	8.90	2.13	7.02	7.50	2.98	5.86	19.31	7.64
1995	1.33	3.40	6.75	4.19	7.37	8.53	2.51	7.04	7.55	2.76	5.70	19.27	7.74
1996	1.27	4.33	7.61	4.76	9.07	9.35	2.70	7.09	8.45	3.07	6.65	19.16	8.56
1997	1.30	4.68	7.28	4.88	8.88	9.34	2.98	9.17	8.52	3.06	6.97	18.53	8.83
1998	1.25	4.47	6.09	3.68	7.70	7.85	2.79	7.99	7.22	2.70	6.13	18.45	8.22
1999	1.33	4.41	6.87	4.30	7.80	8.65	2.48	8.80	7.86	2.77	6.66	18.26	8.54
2000	1.27	5.70	9.49	6.53	11.05	11.45	3.97	10.25	10.55	4.15	8.67	18.42	10.37
2001	1.49	7.21	8.88	6.15	11.68	11.12	3.76	8.51	10.11	3.90	8.97	18.32	10.69
2002	1.52	5.32	8.49	5.55	9.74	10.72	3.12	8.92	9.57	3.27	7.83	18.52	9.81
2003	1.52	6.88	9.83	6.68	12.09	12.20	4.35	10.06	11.07	3.89	9.50	18.65	11.09
2004	1.54	8.42	11.89	8.61	13.48	14.40	4.93	10.02	12.85	4.39	11.19	18.71	12.53
2005	1.68	9.70	16.31	13.71	15.66	17.60	4.56	13.69	16.54	5.46	13.73	19.23	14.89
2006	2.00	9.41	18.32	14.70	17.43	19.90	6.50	17.86	18.83	7.45	15.13	20.25	16.19
2007	2.12	9.44	20.12	16.00	20.83	22.28	8.53	20.72	21.05	8.17	16.62	20.08	17.27
2008	2.44	10.70	26.41	22.77	R 23.29	25.39	12.32	26.25	R 25.33	10.19	R 19.32	21.89	R 19.83
2009	2.53	7.62	16.73	12.61	R 19.19	18.39	7.93	R 24.59	R 17.81	7.66	R 13.76	23.43	R 15.66
2010	2.61	7.74	20.51	16.27	R 20.32	21.98	11.63	R 23.60	R 21.17	8.92	R 15.95	24.52	R 17.70
2011	2.44	7.22	27.23	22.56	R 23.94	28.00	15.67	R 32.94	R 27.46	6.11	R 19.19	26.11	R 20.64
2012	2.85	6.17	27.73	22.97	R 22.37	28.60	16.96	R 32.40	R 27.94	6.69	R 19.59	27.42	R 21.28
2013	2.49	R 7.26	27.56	22.06	R 24.04	27.89	16.72	R 32.80	R 27.65	R 7.01	R 19.60	28.68	R 21.42
2014	2.46	7.92	26.62	20.59	27.54	26.68	15.98	34.22	26.82	6.99	19.37	29.97	21.46
	Expenditures in Million Dollars												
1970	1.1	126.1	42.7	6.4	37.7	399.6	0.3	42.5	529.2	3.4	659.9	259.0	918.9
1975	2.5	187.5	141.1	15.0	86.9	756.2	9.5	79.6	1,088.4	6.6	1,285.0	444.0	1,729.0
1980	9.6	635.6	547.5	89.3	134.6	1,440.7	6.1	225.1	2,443.3	4.6	3,093.1	986.7	4,079.8
1985	13.2	901.0	561.8	147.6	382.4	1,375.6	0.8	218.5	2,686.6	6.6	3,624.5	1,520.6	5,145.1
1990	4.5	824.4	727.9	115.4	250.1	1,338.4	2.1	261.5	2,695.5	9.6	3,539.4	1,774.7	5,314.1
1995	5.7	848.2	709.3	57.2	130.6	1,309.0	0.3	236.6	2,443.0	7.3	3,304.2	1,980.7	5,285.0
1996	7.4	1,056.4	725.7	54.2	335.5	1,509.4	1.1	226.4	2,852.2	8.6	3,924.6	2,030.0	5,954.6
1997	4.4	1,028.7	686.5	59.0	457.7	1,494.5	1.5	211.2	2,910.4	6.9	3,950.5	2,024.5	5,975.0
1998	3.4	959.9	553.4	45.1	378.8	1,310.5	2.2	217.0	2,506.9	4.5	3,474.7	2,133.2	5,607.9
1999	3.8	872.0	614.5	84.8	597.6	1,513.4	1.0	237.0	3,048.3	4.7	3,928.9	2,090.6	6,019.5
2000	4.4	1,219.5	805.0	119.7	681.6	1,903.5	5.9	261.8	3,777.5	7.4	5,008.9	2,241.9	7,250.9
2001	5.8	1,412.9	793.6	78.7	462.0	1,757.3	3.1	307.4	3,402.1	7.1	4,827.8	2,223.3	7,051.1
2002	6.5	1,133.7	802.0	67.2	370.9	1,596.0	1.9	296.3	3,134.3	7.1	4,281.5	2,302.8	6,584.3
2003	5.8	1,437.9	969.4	122.3	722.4	2,076.5	15.0	279.9	4,185.5	8.7	5,637.9	2,319.9	7,957.8
2004	7.7	1,674.3	1,179.0	151.6	709.2	2,382.5	20.1	310.8	4,753.3	9.9	6,445.3	2,350.3	8,795.6
2005	8.4	1,825.2	1,708.3	136.6	165.5	2,576.2	9.3	323.9	4,919.8	10.8	6,764.3	2,539.0	9,303.3
2006	11.4	1,795.2	2,003.3	146.1	125.0	3,265.2	24.4	405.7	5,969.7	10.5	7,786.8	2,721.6	10,508.3
2007	12.2	2,028.8	2,245.9	140.0	1,290.9	3,673.4	23.9	420.9	7,795.0	12.7	9,848.7	2,728.6	12,577.3
2008	9.8	2,305.5	3,054.8	224.0	R 322.5	4,061.5	91.7	423.5	R 8,178.1	17.4	R 10,510.8	2,959.0	R 13,469.8
2009	6.3	1,562.4	1,874.6	175.0	R 256.1	2,979.4	21.0	R 392.8	R 5,698.8	13.3	R 7,280.8	3,029.1	R 10,309.9
2010	6.9	1,564.7	2,257.3	280.0	R 248.4	3,546.8	25.2	R 551.6	R 6,909.3	13.9	R 8,494.8	3,351.6	R 11,846.4
2011	6.1	1,485.5	2,914.8	377.6	R 276.4	4,352.6	26.4	R 508.4	R 8,456.1	19.7	R 9,967.3	3,597.9	R 13,565.2
2012	5.7	1,141.9	2,986.0	359.3	R 213.9	4,448.5	26.3	R 503.9	R 8,537.9	19.6	R 9,705.0	3,733.1	R 13,438.2
2013	5.1	R 1,462.7	3,436.6	223.3	R 267.3	R 4,359.4	18.4	R 515.7	R 8,820.7	R 25.4	R 10,313.9	3,790.1	R 14,104.0
2014	7.3	1,650.6	3,711.1	191.8	310.8	4,174.8	17.9	524.3	8,930.7	25.2	10,613.8	4,032.6	14,646.3

[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, Kansas

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	0.91	0.69	1.19	1.40	1.51	1.50	0.61	0.83	7.17	1.68
1975	—	1.05	2.62	2.84	3.30	3.27	1.20	1.42	9.23	2.54
1980	2.15	2.38	6.85	7.68	6.83	6.83	3.06	2.82	15.75	5.46
1985	2.31	4.12	6.43	7.77	6.52	6.55	3.46	4.29	21.98	8.60
1990	1.88	4.48	6.22	8.22	7.86	7.81	3.56	4.67	22.95	10.03
1995	1.19	4.89	7.14	4.97	6.73	6.72	2.90	4.98	23.22	10.38
1996	1.21	5.61	6.91	6.00	8.33	8.28	3.32	5.78	23.03	10.55
1997	1.24	6.41	6.89	5.62	8.09	8.04	3.31	6.55	22.59	11.59
1998	1.06	6.04	5.79	4.30	6.88	6.85	2.87	6.09	22.43	11.51
1999	1.18	6.01	6.23	4.88	6.49	6.28	2.94	6.01	22.40	11.16
2000	1.59	7.58	9.03	9.17	10.08	10.06	4.41	7.84	22.43	12.79
2001	1.74	9.34	8.81	9.18	10.46	10.40	4.22	9.35	22.46	13.82
2002	1.24	7.19	7.87	8.43	9.07	9.04	3.82	7.34	22.47	12.58
2003	1.19	8.84	9.34	10.02	10.79	10.77	4.59	9.00	22.58	13.65
2004	—	10.59	11.08	11.13	12.19	12.17	5.21	10.67	22.70	14.96
2005	—	11.91	15.20	15.38	15.30	15.30	6.91	12.22	23.14	16.33
2006	1.78	12.94	17.42	19.56	17.18	17.19	7.96	13.26	24.19	17.77
2007	—	12.74	19.52	22.18	19.29	19.29	8.73	13.40	24.01	17.54
2008	—	12.55	23.90	23.31	22.93	22.93	10.83	13.81	26.07	18.13
2009	—	10.89	16.15	23.54	19.13	19.13	8.07	11.82	27.94	17.44
2010	—	10.41	19.60	25.13	20.09	20.09	9.51	11.50	29.38	18.36
2011	—	9.73	27.41	28.57	23.87	R 23.90	11.43	R 11.28	31.20	R 19.07
2012	—	9.90	27.31	29.96	23.03	23.06	12.72	11.46	32.95	20.94
2013	—	R 9.99	28.29	30.61	24.81	24.82	12.56	R 11.53	34.13	R 19.89
2014	—	10.37	27.33	32.92	28.39	28.39	12.24	12.20	35.67	20.68
	Expenditures in Million Dollars									
1970	0.1	66.7	0.4	0.9	29.2	30.5	0.2	97.4	130.8	228.2
1975	—	101.2	1.5	1.0	60.4	62.8	0.4	164.4	179.4	343.8
1980	(s)	201.9	6.0	0.2	57.1	63.3	4.5	269.7	386.2	655.9
1985	(s)	322.7	2.5	1.2	38.5	42.2	6.4	371.3	614.6	985.9
1990	(s)	319.6	1.0	0.5	37.3	38.9	7.2	365.6	745.0	1,110.6
1995	0.1	372.1	0.6	0.4	39.7	40.6	5.1	418.0	820.4	1,238.4
1996	0.3	477.1	0.7	0.7	65.9	67.3	6.1	550.7	838.6	1,389.2
1997	(s)	445.6	1.4	0.4	77.4	79.1	4.7	529.5	837.3	1,366.8
1998	(s)	421.3	0.4	0.4	70.1	70.9	3.6	495.9	905.5	1,401.4
1999	(s)	407.5	0.5	9.6	87.1	97.2	3.8	508.5	867.4	1,376.0
2000	(s)	539.4	0.9	1.0	105.2	107.2	6.2	652.8	958.8	1,611.5
2001	(s)	658.3	2.3	0.7	78.6	81.6	5.8	745.7	924.6	1,670.3
2002	(s)	513.8	1.6	0.5	82.0	84.1	5.3	603.2	977.0	1,580.2
2003	(s)	629.8	1.0	0.6	105.7	107.3	6.7	743.9	971.0	1,714.9
2004	—	698.0	0.8	0.7	109.0	110.5	7.9	816.3	961.6	1,778.0
2005	—	784.3	0.3	0.8	131.7	132.8	8.7	925.8	1,058.5	1,984.3
2006	(s)	752.9	0.3	0.5	107.4	108.2	8.8	869.9	1,114.3	1,984.2
2007	—	818.3	0.3	0.3	156.6	157.2	10.7	986.2	1,131.2	2,117.4
2008	—	914.4	0.5	0.2	241.4	242.0	14.9	1,171.3	1,200.9	2,372.2
2009	—	788.9	0.4	0.3	190.3	191.1	11.5	991.5	1,253.6	2,245.0
2010	—	712.1	0.3	0.3	179.7	180.3	11.9	904.3	1,437.1	2,341.4
2011	—	650.3	1.1	0.2	R 194.1	R 195.4	14.6	R 860.3	1,527.0	R 2,387.3
2012	—	510.9	1.2	0.1	156.3	157.5	15.1	683.6	1,551.1	2,234.7
2013	—	693.3	0.5	0.1	195.7	196.2	20.6	910.2	1,582.8	2,493.0
2014	—	753.2	0.2	0.2	232.1	232.5	20.1	1,005.8	1,665.6	2,671.4

[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, Kansas

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	0.45	0.46	1.03	0.69	0.82	2.64	0.50	1.28	0.60	0.52	6.02	1.57
1975	—	0.68	2.45	2.27	1.85	4.50	1.56	2.70	1.20	0.87	8.26	2.75
1980	1.32	1.91	6.49	5.22	3.42	9.27	—	6.67	3.06	2.26	14.81	5.63
1985	1.69	3.15	5.97	7.77	4.00	9.28	—	6.27	3.46	3.45	19.87	8.51
1990	1.18	3.36	5.46	8.22	4.04	8.90	2.13	5.92	3.56	3.52	19.65	9.21
1995	1.34	3.92	4.30	4.97	7.71	8.53	2.51	5.19	2.90	3.98	19.85	10.04
1996	1.27	4.62	5.24	6.00	9.34	9.35	2.70	6.53	3.32	4.67	19.77	10.39
1997	1.30	5.37	4.91	5.62	9.87	9.34	—	6.68	3.31	5.48	18.88	11.77
1998	1.25	5.01	3.82	4.30	8.81	7.85	2.82	5.43	2.87	5.05	18.77	11.62
1999	1.33	5.06	4.35	4.88	8.25	8.65	—	6.00	2.94	5.14	18.60	11.71
2000	1.26	6.75	7.04	9.17	10.96	11.45	3.97	8.41	4.41	6.89	18.47	12.60
2001	1.49	8.48	6.51	9.18	12.37	11.12	3.77	7.71	4.22	8.35	18.43	13.45
2002	1.52	6.45	5.89	8.43	9.14	10.72	3.17	6.80	3.82	6.48	18.65	12.73
2003	1.52	8.40	7.11	10.02	11.44	12.20	—	8.49	4.59	8.38	18.81	13.77
2004	—	9.97	9.25	11.13	13.43	14.40	—	10.66	5.21	10.02	18.91	14.70
2005	—	11.29	13.76	15.38	16.23	17.60	—	15.22	6.91	11.62	19.35	16.24
2006	2.00	12.20	15.90	19.56	18.02	19.90	—	17.26	7.96	12.65	20.41	17.45
2007	—	11.83	17.46	22.18	19.46	22.28	—	18.80	8.73	12.42	20.01	17.02
2008	—	11.82	23.87	23.31	23.17	25.39	—	23.67	10.83	12.98	21.81	18.08
2009	—	9.82	14.04	23.54	18.54	18.39	7.93	16.37	8.07	10.46	23.08	17.78
2010	—	9.47	17.87	25.13	19.57	21.98	11.63	19.18	9.51	10.45	24.17	18.57
2011	—	8.71	24.38	28.57	21.81	28.00	15.67	R 23.71	11.43	R 10.01	25.73	19.39
2012	—	8.63	24.93	29.96	19.47	28.60	—	24.12	12.72	10.47	27.07	21.09
2013	—	R 8.89	24.54	30.61	20.74	27.89	—	23.39	12.56	R 10.16	28.37	R 20.77
2014	—	9.33	22.86	32.92	23.29	26.68	—	23.41	12.24	10.67	29.69	21.31
	Expenditures in Million Dollars											
1970	(s)	23.9	0.7	0.1	2.0	3.0	0.1	5.9	(s)	29.8	81.4	111.3
1975	—	34.7	3.0	0.2	4.2	6.3	0.4	14.1	(s)	48.8	158.1	206.9
1980	0.1	111.7	13.6	0.3	3.5	13.6	—	31.0	0.1	143.0	343.9	486.8
1985	(s)	178.0	25.2	0.4	2.9	8.7	—	37.2	0.2	215.5	554.2	769.8
1990	(s)	188.4	10.4	0.3	2.4	7.6	0.4	21.0	0.8	210.3	640.0	850.3
1995	1.1	208.9	14.1	0.2	5.6	3.3	0.2	23.3	0.7	234.0	720.8	954.8
1996	2.1	263.8	16.9	0.2	9.1	4.8	(s)	31.1	0.8	297.8	768.3	1,066.1
1997	0.1	223.2	13.5	0.9	11.7	4.4	—	30.5	0.8	254.5	775.6	1,030.1
1998	(s)	208.1	9.8	0.2	11.1	3.9	1.4	26.4	0.6	235.1	803.7	1,038.7
1999	0.2	196.3	12.0	0.1	13.7	2.8	—	28.5	0.6	225.7	777.8	1,003.5
2000	0.3	274.0	23.4	0.3	14.1	5.1	0.1	42.9	1.0	318.3	830.0	1,148.3
2001	(s)	320.0	30.6	0.3	11.5	4.5	0.2	47.1	1.0	368.1	830.9	1,199.1
2002	(s)	252.6	21.8	0.3	10.2	2.4	0.2	34.8	0.9	288.4	876.6	1,165.0
2003	(s)	321.1	27.1	0.3	12.2	6.9	—	46.4	1.2	368.8	882.5	1,251.2
2004	—	371.5	31.0	0.5	15.0	6.1	—	52.6	1.3	425.4	892.5	1,317.9
2005	—	339.1	19.6	1.2	18.3	6.8	—	45.9	1.4	386.4	954.1	1,340.5
2006	(s)	342.2	26.8	1.0	9.5	13.5	—	50.8	1.5	394.4	1,029.6	1,424.0
2007	—	367.8	26.9	0.5	19.9	8.5	—	55.8	1.7	425.3	1,056.3	1,481.6
2008	—	410.4	41.5	0.3	41.0	8.0	—	90.8	2.3	503.5	1,153.3	1,656.8
2009	—	325.4	25.0	0.2	28.5	7.0	(s)	60.9	1.6	387.9	1,181.7	1,569.7
2010	—	306.9	25.3	0.2	36.4	8.5	(s)	70.4	1.9	379.2	1,272.7	1,651.9
2011	—	285.5	39.3	0.2	R 26.0	7.7	(s)	R 73.2	2.2	R 360.9	1,370.4	R 1,731.2
2012	—	224.5	53.8	0.1	16.5	13.8	—	84.2	2.1	310.8	1,427.4	1,738.3
2013	—	R 301.1	46.5	0.1	23.6	5.0	—	75.2	2.4	R 378.7	1,475.5	R 1,854.2
2014	—	348.0	43.6	0.2	37.4	9.7	—	90.8	2.4	441.2	1,558.2	1,999.4

[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, Kansas

Year	Primary Energy													
	Coal			Natural Gas [a]	Petroleum						Biomass		Retail Electricity	Total Energy [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]	Total [f,g,h]		
	Prices in Dollars per Million Btu													
1970	—	0.45	0.45	0.27	0.64	0.84	2.64	0.43	1.14	1.36	3.00	0.62	3.50	0.81
1975	—	0.92	0.92	0.55	2.13	1.94	4.50	1.84	2.53	2.64	3.00	1.44	5.62	1.87
1980	—	1.32	1.32	2.35	4.99	3.62	9.27	2.53	5.45	5.08	—	3.28	10.68	4.00
1985	—	1.69	1.69	3.54	6.22	4.33	9.28	3.86	7.84	5.43	—	4.45	14.74	5.35
1990	—	1.18	1.18	2.88	5.83	4.35	8.90	2.13	5.42	5.16	1.66	3.97	14.49	5.09
1995	—	1.34	1.34	2.22	4.87	7.59	8.53	2.51	5.21	5.67	2.34	3.49	14.12	4.93
1996	—	1.27	1.27	3.10	5.85	9.25	9.35	2.70	5.18	6.91	2.36	4.80	13.78	6.02
1997	—	1.30	1.30	3.31	5.37	9.01	9.34	2.98	6.60	7.37	2.33	5.13	13.23	6.19
1998	—	1.25	1.25	3.19	4.24	7.87	7.85	2.82	5.68	6.26	1.44	4.60	13.07	5.78
1999	—	1.33	1.33	2.94	5.01	8.07	8.65	2.53	6.41	7.03	1.44	5.15	13.11	6.27
2000	—	1.26	1.26	3.97	7.96	11.24	11.45	3.97	7.82	9.61	1.43	6.69	13.33	7.63
2001	—	1.49	1.49	4.95	7.27	11.92	11.12	3.77	6.65	8.73	1.39	6.81	13.33	7.83
2002	—	1.52	1.52	3.59	6.59	9.94	10.72	3.17	6.77	7.92	1.49	5.50	13.27	6.65
2003	—	1.52	1.52	4.89	7.87	12.34	12.20	4.36	7.50	9.87	1.49	7.39	13.52	8.24
2004	—	1.54	1.54	6.33	10.11	13.73	14.40	4.94	7.50	10.92	1.50	8.61	13.75	9.36
2005	—	1.68	1.68	7.60	14.43	16.97	17.60	4.56	9.80	12.87	1.49	9.32	14.23	10.27
2006	—	2.00	2.00	6.70	16.48	18.78	19.90	6.50	13.15	15.24	1.70	9.58	15.24	10.61
2007	—	2.12	2.12	7.04	18.55	21.08	22.28	8.53	15.28	19.23	1.70	12.48	15.03	12.82
2008	—	2.44	2.44	9.09	24.84	25.13	25.39	12.32	19.05	R 22.00	1.70	R 13.27	16.69	R 13.87
2009	—	2.53	2.53	4.50	14.79	19.39	18.39	7.93	R 18.05	R 15.74	1.70	R 8.04	17.89	R 9.83
2010	—	2.61	2.61	5.39	18.81	22.11	21.98	11.63	R 18.09	R 18.53	1.70	R 9.90	18.27	R 11.41
2011	—	2.44	2.44	5.18	25.54	R 24.74	28.00	15.67	R 24.18	R 24.95	1.68	R 10.81	19.67	R 12.46
2012	—	2.85	2.85	3.79	25.74	19.73	28.60	16.96	R 24.09	R 24.93	1.47	R 9.78	20.78	R 11.87
2013	—	2.49	2.49	4.76	25.10	20.96	27.89	16.72	R 24.75	R 24.81	R 1.31	R 10.68	21.67	R 12.75
2014	—	2.46	2.46	5.58	23.41	23.88	26.68	15.98	25.83	24.05	1.54	11.02	22.86	13.31
	Expenditures in Million Dollars													
1970	—	1.0	1.0	35.5	9.4	5.4	38.5	0.2	24.0	77.5	3.3	117.3	46.8	164.2
1975	—	2.5	2.5	51.5	43.8	19.7	56.8	9.0	51.7	181.1	6.2	241.4	106.5	347.9
1980	—	9.4	9.4	322.0	101.0	72.5	58.3	6.1	162.0	399.9	—	731.4	256.6	988.0
1985	—	13.2	13.2	400.3	146.7	339.0	51.9	0.8	149.4	687.8	—	1,101.9	351.8	1,453.7
1990	—	4.5	4.5	316.4	154.1	207.2	35.7	1.7	177.1	575.9	1.6	898.5	389.7	1,288.2
1995	—	4.5	4.5	267.3	136.1	82.6	44.3	0.1	152.2	415.3	1.5	688.6	439.5	1,128.0
1996	—	5.0	5.0	315.5	163.9	259.3	49.8	1.1	142.3	616.4	1.7	938.6	423.1	1,361.8
1997	—	4.4	4.4	359.9	164.2	364.4	51.4	1.5	118.2	699.7	1.4	1,065.4	411.7	1,477.0
1998	—	3.4	3.4	330.5	119.5	296.4	47.4	0.7	126.0	590.0	0.3	924.1	424.1	1,348.2
1999	—	3.6	3.6	268.2	140.5	495.6	32.7	0.9	127.4	797.2	0.3	1,069.2	445.4	1,514.6
2000	—	4.1	4.1	406.1	207.2	560.4	42.7	5.8	160.2	976.3	0.2	1,386.7	453.2	1,839.9
2001	—	5.8	5.8	434.5	207.1	368.2	56.2	2.9	209.7	844.1	0.3	1,284.6	467.8	1,752.5
2002	—	6.5	6.5	367.3	171.1	275.7	56.8	1.6	196.4	701.7	0.8	1,076.2	449.2	1,525.4
2003	—	5.8	5.8	486.9	226.3	601.0	69.4	14.8	180.1	1,091.6	0.7	1,585.1	466.4	2,051.5
2004	—	7.7	7.7	604.8	317.5	582.0	96.5	20.0	203.3	1,219.3	0.8	1,832.6	496.2	2,328.8
2005	—	8.4	8.4	701.7	414.0	9.1	109.3	9.3	188.4	730.1	0.8	1,441.0	526.4	1,967.4
2006	—	11.4	11.4	700.1	525.5	4.4	131.7	24.4	242.0	927.9	0.2	1,639.6	577.7	2,217.3
2007	—	12.2	12.2	842.6	525.6	1,110.3	117.1	23.9	247.6	2,024.6	0.2	2,879.7	541.2	3,420.8
2008	—	9.8	9.8	980.6	786.2	R 32.2	104.2	91.7	232.0	R 1,246.2	0.2	R 2,236.8	604.9	R 2,841.6
2009	—	6.3	6.3	448.0	394.2	R 30.8	76.3	21.0	R 226.8	R 749.2	0.2	R 1,203.6	593.8	R 1,797.4
2010	—	6.9	6.9	545.6	552.4	R 27.0	69.9	25.2	R 352.0	R 1,026.5	0.2	R 1,579.2	641.7	R 2,221.0
2011	—	6.1	6.1	549.5	672.3	R 48.0	88.9	26.4	R 285.3	R 1,120.8	3.0	R 1,679.4	700.5	R 2,379.9
2012	—	5.7	5.7	406.4	663.4	R 31.2	80.5	26.3	R 302.5	R 1,103.9	2.3	R 1,518.3	754.6	R 2,272.9
2013	—	5.1	5.1	R 468.2	638.2	R 34.8	R 76.1	18.4	R 312.5	R 1,080.0	R 2.3	R 1,555.7	731.8	R 2,287.4
2014	—	7.3	7.3	549.2	655.2	23.8	56.0	17.9	313.1	1,066.0	2.7	1,625.2	808.8	2,434.0

[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, Kansas

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	0.45	—	2.17	1.18	0.75	0.82	5.08	2.64	0.49	2.34	2.34	—	2.34
1975	0.92	—	3.45	2.70	2.09	1.85	7.48	4.50	1.66	4.13	4.13	—	4.13
1980	—	—	9.02	7.05	6.47	3.42	14.36	9.27	3.82	8.58	8.58	—	8.58
1985	—	—	9.99	6.75	5.94	5.42	18.18	9.28	—	8.41	8.41	—	8.41
1990	—	—	9.32	8.28	5.57	5.99	20.61	8.90	—	8.61	8.61	—	8.61
1995	—	2.76	8.36	7.57	4.19	12.37	21.75	8.53	—	8.19	8.19	—	8.19
1996	—	3.07	9.29	8.50	4.76	12.13	21.63	9.35	—	9.08	9.08	—	9.08
1997	—	3.69	9.39	8.35	4.88	11.54	21.82	9.34	—	9.05	9.05	—	9.05
1998	—	5.63	8.11	7.05	3.68	11.05	21.44	7.85	1.54	7.66	7.66	—	7.66
1999	—	6.11	8.81	7.89	4.30	13.15	23.04	8.65	2.12	8.36	8.36	—	8.36
2000	—	5.47	10.87	10.36	6.53	15.82	23.20	11.45	—	11.01	11.01	—	11.01
2001	—	6.91	11.01	9.91	6.15	16.96	24.51	11.12	3.22	10.75	10.75	—	10.75
2002	—	5.57	10.72	9.41	5.55	15.42	26.70	10.72	2.53	10.31	10.31	—	10.31
2003	—	7.22	12.42	10.84	6.68	17.77	28.94	12.20	3.50	11.66	11.66	—	11.66
2004	—	6.95	15.13	12.89	8.61	19.45	30.11	14.40	3.90	13.80	13.80	—	13.80
2005	—	9.14	18.56	17.08	13.71	21.69	35.22	17.60	—	17.52	17.52	—	17.52
2006	—	10.43	22.31	19.15	14.70	23.33	43.88	19.90	—	19.78	19.78	—	19.78
2007	—	9.82	23.70	20.72	16.00	25.53	47.16	22.28	—	21.89	21.89	—	21.89
2008	—	10.70	27.23	27.08	22.77	29.49	55.12	25.39	—	26.21	26.20	—	26.20
2009	—	8.72	20.32	17.41	12.61	24.31	56.07	18.39	—	18.17	18.17	—	18.17
2010	—	8.28	25.19	21.19	16.27	26.63	58.80	21.98	—	21.80	21.80	—	21.80
2011	—	9.67	31.64	27.85	22.56	29.38	69.54	28.00	—	28.07	28.07	—	28.07
2012	—	8.80	33.04	28.44	22.97	28.43	72.11	28.60	—	28.66	28.66	—	28.66
2013	—	R 8.28	32.71	28.26	22.06	30.46	69.42	27.89	—	28.25	28.25	—	28.25
2014	—	12.49	33.16	27.51	20.59	34.54	69.44	26.68	—	27.27	27.27	—	27.27
	Expenditures in Million Dollars												
1970	(s)	—	3.6	32.2	6.4	1.1	13.8	358.2	(s)	415.3	415.3	—	415.3
1975	(s)	—	3.1	92.9	15.0	2.6	23.6	693.1	0.2	830.4	830.4	—	830.4
1980	—	—	10.1	426.9	89.3	1.5	52.5	1,368.8	(s)	1,949.1	1,949.1	—	1,949.1
1985	—	—	6.9	387.3	147.6	2.0	60.5	1,315.0	—	1,919.4	1,935.7	—	1,935.7
1990	—	—	6.4	562.3	115.4	3.3	77.2	1,295.0	—	2,059.7	2,064.9	—	2,064.9
1995	—	(s)	6.2	558.5	57.2	2.7	77.7	1,261.4	—	1,963.7	1,963.7	—	1,963.7
1996	—	(s)	8.3	544.2	54.2	1.1	75.0	1,454.7	—	2,137.5	2,137.5	—	2,137.5
1997	—	(s)	11.7	507.4	59.0	4.3	80.0	1,438.8	—	2,101.1	2,101.1	—	2,101.1
1998	—	(s)	8.2	423.7	45.1	1.1	82.2	1,259.2	(s)	1,819.6	1,819.6	—	1,819.6
1999	—	(s)	10.7	461.5	84.8	1.1	89.3	1,477.9	0.1	2,125.4	2,125.5	—	2,125.5
2000	—	(s)	11.8	573.6	119.7	1.8	88.6	1,855.8	—	2,651.1	2,651.2	—	2,651.2
2001	—	0.1	10.9	553.7	78.7	3.7	85.7	1,696.5	(s)	2,429.3	2,429.3	—	2,429.3
2002	—	(s)	6.9	607.5	67.2	3.0	92.3	1,536.8	0.1	2,313.7	2,313.7	—	2,313.7
2003	—	0.1	6.4	715.0	122.3	3.5	92.5	2,000.3	0.2	2,940.1	2,940.2	—	2,940.2
2004	—	0.1	8.8	829.6	151.6	3.2	97.5	2,279.9	0.2	3,370.9	3,370.9	—	3,370.9
2005	—	0.1	20.1	1,274.4	136.6	6.4	113.4	2,460.1	—	4,011.0	4,011.1	—	4,011.1
2006	—	0.1	24.6	1,450.7	146.1	3.6	137.7	3,120.0	—	4,882.7	4,882.9	—	4,882.9
2007	—	0.1	19.7	1,693.1	140.0	4.0	152.8	3,547.8	—	5,557.4	5,557.5	—	5,557.5
2008	—	0.1	25.3	2,226.7	224.0	7.9	165.8	3,949.3	—	6,599.1	6,599.2	—	6,599.2
2009	—	0.1	13.7	1,454.9	175.0	6.4	151.7	2,896.0	—	4,697.7	4,697.7	—	4,697.7
2010	—	0.1	22.3	1,679.4	280.0	5.4	176.7	3,468.4	—	5,632.0	5,632.1	—	5,632.1
2011	—	0.1	24.4	2,202.1	377.6	8.2	198.3	4,256.0	—	7,066.7	7,066.7	—	7,066.7
2012	—	0.1	12.0	2,267.5	359.3	10.0	189.2	4,354.2	—	7,192.2	7,192.3	—	7,192.3
2013	—	0.1	10.4	2,751.4	223.3	13.2	192.7	R 4,278.3	—	R 7,469.3	R 7,469.4	—	R 7,469.4
2014	—	0.2	9.8	3,012.1	191.8	17.5	201.0	4,109.2	—	7,541.4	7,541.6	—	7,541.6

[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, Kansas

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	0.30	0.62	—	0.47	0.52	—	—	—	0.30
1975	0.67	0.48	2.08	0.65	1.55	1.69	—	—	—	0.72
1980	1.07	1.78	5.74	—	3.78	4.60	—	—	—	1.38
1985	1.40	2.88	5.55	—	3.99	5.39	0.84	—	—	1.44
1990	1.24	1.76	5.40	—	1.86	4.86	0.30	—	—	1.08
1995	1.02	1.61	3.69	—	1.64	3.68	0.39	—	—	0.91
1996	0.99	2.32	4.60	—	2.46	3.56	0.49	—	—	0.97
1997	1.02	2.58	4.49	—	2.26	3.66	0.49	—	6.71	1.01
1998	0.98	2.14	3.28	—	1.54	3.26	0.47	—	7.87	0.96
1999	0.95	2.34	4.39	—	2.12	3.13	0.45	—	8.69	0.98
2000	0.98	4.14	6.78	—	3.56	4.58	0.44	—	—	1.13
2001	1.05	3.58	6.02	—	3.20	3.64	0.44	—	—	1.07
2002	0.98	3.11	5.51	—	2.50	2.87	0.40	—	—	0.99
2003	1.01	5.35	6.33	—	3.49	3.72	0.37	—	—	1.08
2004	1.03	5.47	8.85	—	3.89	4.19	0.41	—	—	1.06
2005	1.12	7.71	12.97	—	5.37	5.89	0.42	—	—	1.29
2006	1.19	6.23	15.50	—	—	15.50	0.41	—	—	1.29
2007	1.23	6.19	16.61	1.41	—	4.48	0.43	—	18.25	1.33
2008	1.41	7.98	22.20	1.57	—	6.99	0.42	—	—	1.62
2009	1.43	4.07	12.83	1.56	—	4.32	0.46	—	—	1.44
2010	1.51	4.97	16.27	1.24	—	6.22	0.62	2.40	—	1.55
2011	1.75	4.71	22.21	1.76	—	13.39	0.69	2.43	—	1.80
2012	1.83	3.22	22.93	—	—	22.93	0.70	2.22	—	1.73
2013	1.77	4.48	22.41	—	—	22.41	0.75	2.25	—	1.78
2014	1.79	5.54	20.71	—	—	20.71	0.65	2.70	—	1.75
	Expenditures in Million Dollars									
1970	2.6	49.5	0.6	—	1.1	1.8	—	—	—	53.9
1975	39.9	60.6	18.6	(s)	40.3	58.9	—	—	—	159.5
1980	197.4	172.4	12.8	—	11.7	24.5	—	—	—	394.3
1985	352.6	59.1	6.3	—	0.5	6.8	34.2	—	—	452.8
1990	332.8	47.7	4.1	—	0.3	4.3	25.0	—	—	409.8
1995	291.5	44.5	3.2	—	(s)	3.2	41.4	—	—	380.6
1996	329.9	52.7	4.7	—	2.4	7.1	42.5	—	—	432.1
1997	314.0	65.8	4.3	—	1.3	5.5	43.3	—	(s)	428.7
1998	300.8	79.3	5.6	—	(s)	5.7	51.1	—	0.1	437.0
1999	311.5	84.9	7.5	—	4.5	12.0	43.1	—	(s)	451.6
2000	353.8	140.4	10.6	—	11.9	22.5	41.9	—	—	558.6
2001	367.5	84.1	6.8	—	19.7	26.4	47.1	—	—	525.1
2002	380.8	66.5	3.9	—	12.6	16.5	37.8	—	—	501.5
2003	391.2	77.8	5.4	—	33.5	38.9	34.0	—	—	542.0
2004	391.2	57.6	5.4	—	36.9	42.3	43.7	—	—	534.9
2005	420.4	109.7	10.2	—	58.1	68.4	38.4	—	—	636.8
2006	427.9	142.1	11.0	—	—	11.0	40.1	—	—	621.1
2007	480.5	161.3	9.0	3.0	—	12.1	46.5	—	(s)	700.4
2008	519.8	216.0	11.7	2.3	—	14.0	37.1	—	—	786.9
2009	505.5	132.3	6.4	2.4	—	8.8	42.6	—	—	689.2
2010	539.5	140.9	9.2	1.4	—	10.6	62.1	1.4	—	754.5
2011	602.6	146.1	11.1	0.7	—	11.7	52.6	1.7	—	814.7
2012	560.3	106.7	10.4	—	—	10.4	60.7	1.4	—	739.4
2013	575.8	106.3	14.1	—	—	14.1	56.4	1.9	—	754.6
2014	561.3	104.2	13.9	—	—	13.9	58.2	2.1	—	739.6

[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.