Price and Expenditure Summary Tables

Table S1a. Energy Price Estimates by Source, 2001
(Nominal Dollars per Million Btu)

State	Primary Energy												Electric Power Sector [c, d]	Electricity	Total Energy [c, d]
			Petroleum												
	Coal	Natural Gas	Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total	Nuclear Fuel	Wood and Waste	Total [c, d]			
Alabama	1.44	7.22	8.95	5.82	12.94	10.59	3.37	6.88	9.73	0.46	1.59	4.16	1.38	16.62	9.31
Alaska	1.93	2.58	10.30	5.97	19.23	13.09	2.95	5.18	7.93	—	5.14	6.28	2.79	30.97	8.12
Arizona	1.27	6.19	9.58	5.93	17.41	11.54	5.32	6.45	10.24	0.46	4.82	5.04	1.52	21.30	12.68
Arkansas	0.91	6.92	8.84	5.48	11.40	10.60	4.61	7.94	9.58	0.51	1.61	5.07	1.03	17.89	9.94
California	1.46	8.78	9.54	5.83	15.68	12.23	5.30	6.34	10.06	0.43	2.13	8.79	6.57	34.60	13.04
Colorado	0.93	6.35	9.65	5.93	13.41	12.17	4.87	6.81	10.78	—	4.54	6.20	1.48	17.70	10.85
Connecticut	1.67	7.68	9.26	6.04	16.82	12.45	3.42	7.84	9.81	0.44	0.51	6.80	1.37	28.19	13.30
Delaware	2.08	6.68	8.63	5.87	15.87	11.68	3.66	6.11	8.68	—	3.88	6.96	3.08	20.60	11.11
Dist. of Col.	1.75	11.97	8.54	—	14.78	13.57	3.56	9.82	11.39	—	4.17	11.50	3.92	23.05	15.57
Florida	1.72	5.70	9.26	5.73	17.17	10.37	3.54	5.30	8.09	0.41	1.24	5.57	2.42	22.57	12.48
Georgia	1.68	7.56	8.24	5.63	15.01	9.63	3.45	6.07	8.85	0.44	1.67	5.08	1.34	18.77	10.08
Hawaii	1.25	16.85	9.14	5.87	26.99	14.91	4.79	7.23	8.23	—	0.78	7.57	4.44	41.34	15.41
Idaho	1.72	6.88	9.44	6.89	14.05	11.55	2.88	4.94	10.20	—	1.71	8.12	4.87	14.41	9.63
Illinois	1.23	7.90	9.83	5.68	12.21	12.25	5.37	7.82	10.58	0.40	1.75	5.29	0.89	20.27	11.01
Indiana	1.25	8.35	8.74	5.78	13.68	11.00	4.33	6.10	9.41	—	1.80	4.71	1.20	15.57	8.78
Iowa	0.91	7.37	8.87	6.27	11.63	11.12	3.28	7.59	10.23	0.62	2.41	5.53	0.86	18.00	10.02
Kansas	1.05	6.83	8.84	6.15	11.66	11.17	3.27	7.22	9.78	0.44	3.66	5.19	1.07	18.32	10.58
Kentucky	1.15	7.62	9.01	5.63	12.50	11.29	4.30	5.76	9.24	—	3.14	4.68	1.13	12.48	9.29
Louisiana	1.31	5.09	8.64	5.46	6.92	10.67	4.43	6.63	7.73	0.48	1.60	5.45	2.21	20.54	8.19
Maine	1.87	4.09	9.12	5.88	16.79	12.20	3.66	8.54	9.17	—	1.28	5.86	2.66	31.46	10.05
Maryland	1.56	10.03	9.31	5.87	17.17	12.30	3.56	5.56	10.20	0.45	1.32	6.69	1.61	19.52	12.09
Massachusetts	1.68	8.80	9.34	5.80	16.92	12.14	4.21	7.92	9.75	0.40	1.06	8.15	2.44	33.74	14.18
Michigan	1.33	5.02	9.43	5.80	14.06	11.22	3.83	7.94	10.49	0.48	1.34	5.41	1.36	20.50	9.77
Minnesota	1.06	7.18	9.61	5.83	12.80	12.16	3.82	5.68	10.28	0.47	1.54	6.27	1.10	17.75	10.43
Mississippi	1.64	5.11	8.77	5.42	12.94	10.49	3.70	7.71	8.64	0.40	1.66	5.33	2.15	18.52	10.13
Missouri	0.98	8.83	9.05	5.65	12.81	11.00	4.00	5.72	9.76	0.38	3.26	5.67	1.07	17.67	11.12
Montana	0.96	6.39	9.66	7.07	12.98	12.40	2.74	2.93	9.53	—	1.89	4.92	0.96	19.17	10.23
Nebraska	0.59	7.18	8.87	5.94	11.51	11.44	4.04	8.74	10.17	0.62	3.39	4.98	0.64	15.80	10.25
Nevada	1.27	8.08	9.55	5.99	15.62	12.15	5.50	5.27	9.88	—	5.62	6.72	3.89	23.12	12.70
New Hampshire	1.67	9.63	8.75	5.61	15.33	11.82	3.51	7.01	10.03	0.44	0.92	6.05	0.90	32.08	13.29
New Jersey	2.27	6.35	8.95	5.70	15.07	11.18	3.71	6.66	8.86	0.45	1.00	6.54	1.54	27.62	11.00
New Mexico	1.47	5.96	9.36	5.88	15.56	11.21	3.36	6.78	10.19	—	4.67	5.46	1.85	21.09	11.24
New York	1.47	8.24	9.28	5.79	16.75	11.53	3.60	6.34	9.06	0.43	1.98	6.96	2.15	34.09	13.41
North Carolina	1.60	8.56	8.91	5.77	15.08	10.80	3.82	6.32	9.74	0.43	1.65	5.24	1.24	19.45	11.43
North Dakota	0.98	6.24	9.03	6.50	11.72	11.56	4.27	6.08	9.96	—	2.13	3.31	0.76	16.10	7.53
Ohio	1.33	7.97	9.60	5.85	13.87	11.58	4.04	6.93	10.04	0.41	2.00	5.80	1.27	19.57	10.92
Oklahoma	0.92	6.79	8.68	5.96	13.19	10.44	4.26	7.01	9.24	—	1.77	6.07	2.10	17.93	10.24
Oregon	1.11	5.96	9.76	5.86	15.75	12.62	5.13	5.83	10.47	—	1.86	7.96	2.77	15.93	10.81
Pennsylvania	1.30	9.33	9.46	5.59	16.17	11.39	3.32	8.32	9.80	0.43	1.19	5.06	1.03	23.08	11.20
Rhode Island	2.28	6.11	9.70	5.92	17.89	12.33	4.77	10.23	10.69	—	1.94	8.29	3.34	31.62	13.95
South Carolina	1.61	7.02	8.79	6.06	15.19	10.36	3.68	5.29	9.41	0.41	1.77	4.01	0.92	16.91	10.41
South Dakota	1.04	7.15	8.93	6.66	11.72	11.64	4.23	6.33	10.07	—	3.29	7.44	1.44	18.62	10.82
Tennessee	1.26	8.05	8.76	5.58	14.61	10.65	4.91	5.87	9.24	0.39	1.73	4.76	0.98	16.52	9.92
Texas	1.33	4.61	8.90	5.47	7.08	10.66	4.44	6.22	7.93	0.41	1.76	5.50	2.57	21.85	8.80
Utah	1.17	6.45	9.43	6.61	14.01	11.63	2.87	6.11	10.03	—	3.08	4.90	1.29	15.36	9.16
Vermont	2.34	7.58	9.46	6.53	15.94	12.04	4.50	8.36	11.14	0.40	2.62	7.15	1.08	31.65	14.08
Virginia	1.62	8.23	8.56	5.74	16.77	11.25	3.38	6.78	9.53	0.44	1.54	5.88	1.44	18.18	10.72
Washington	1.16	7.59	10.00	5.70	14.85	12.18	5.29	3.01	9.09	0.50	2.05	7.32	2.90	15.46	9.89
West Virginia	1.28	6.11	9.63	6.53	16.97	11.48	5.32	6.00	10.18	—	2.87	3.29	1.28	14.90	8.74
Wisconsin	1.12	7.72	9.42	6.03	12.82	12.03	3.66	6.12	10.20	0.52	1.61	6.00	1.09	17.86	10.30
Wyoming	0.80	6.61	8.89	6.43	13.09	11.36	2.85	6.30	9.55	—	5.62	3.04	0.79	13.15	8.46
United States	1.29	6.87	9.17	5.72	9.60	11.35	3.99	6.38	9.33	0.44	1.63	5.79	1.78	21.51	10.72

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power),and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Electricity imports and exports are included in this total but not shown separately. The U.S. average includes coal coke net imports, which are not allocated to the States.
— No consumption, including cases where adjustments were made. See explanation of adjustments in the Section 7 of the Technical Notes.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table S1b. Energy Expenditure Estimates by Source, 2001
(Million Nominal Dollars)

State	Primary Energy												Electric Power Sector [c, d]	Electricity	Total Energy [c, d]
			Petroleum												
	Coal	Natural Gas	Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total	Nuclear Fuel	Wood and Waste	Total [c, d]			
Alabama	1,219.1	2,077.1	1,215.9	77.3	334.8	3,185.3	32.2	296.7	5,142.2	147.4	221.0	8,806.9	-1,572.4	4,345.3	11,579.8
Alaska	30.7	249.6	699.4	821.5	18.0	435.4	20.6	75.6	2,070.5	—	3.7	2,354.5	-141.7	567.1	2,780.0
Arizona	539.5	1,380.5	1,205.3	333.5	103.8	3,516.3	8.4	183.9	5,351.3	138.3	22.7	7,432.9	-1,286.7	4,525.6	10,671.8
Arkansas	249.5	1,418.9	1,074.9	32.2	253.3	1,836.6	44.7	268.7	3,510.4	79.0	87.1	5,344.9	-468.9	2,463.5	7,339.5
California	98.8	20,824.3	5,398.6	3,213.4	534.5	22,426.1	838.3	1,339.7	33,750.5	150.3	254.3	55,111.9	-9,670.7	27,482.6	72,923.7
Colorado	373.7	2,092.0	979.6	259.3	314.2	3,147.9	(s)	163.1	4,864.1	—	20.1	7,350.3	-709.2	2,638.4	9,279.4
Connecticut	67.0	1,124.5	1,338.3	80.7	147.2	2,298.0	194.5	214.1	4,272.9	70.7	16.7	5,556.3	-431.1	2,936.9	8,062.1
Delaware	79.8	337.5	175.7	4.3	77.1	565.9	99.3	97.9	1,020.3	—	2.4	1,440.0	-198.5	743.5	1,985.0
Dist. of Col.	1.3	363.0	82.6	—	0.3	275.1	6.4	16.8	381.1	—	1.8	747.3	-8.2	740.1	1,479.3
Florida	1,250.1	3,194.7	2,655.4	996.6	444.9	9,779.6	1,538.1	621.7	16,036.4	133.9	162.0	20,777.0	-4,548.1	15,376.4	31,605.3
Georgia	1,293.6	2,615.6	2,178.9	316.1	358.4	5,699.1	26.9	492.7	9,072.2	155.8	232.9	13,370.0	-1,492.8	7,484.0	19,361.3
Hawaii	21.9	48.2	321.2	295.9	55.2	754.4	400.1	22.5	1,849.4	—	7.2	1,926.6	-463.7	1,348.7	2,811.5
Idaho	19.3	516.9	501.7	28.3	75.9	908.7	0.4	68.1	1,583.1	—	41.8	2,161.0	-56.2	1,037.3	3,142.1
Illinois	1,220.1	7,468.7	2,415.5	601.3	799.6	7,732.7	100.8	1,026.2	12,676.1	389.4	28.6	21,783.0	-1,707.1	9,310.6	29,386.5
Indiana	1,965.6	4,121.8	1,674.8	385.3	306.5	4,311.2	8.8	624.2	7,310.8	—	19.3	13,417.4	-1,481.5	5,130.3	17,066.2
Iowa	402.7	1,592.9	1,039.0	27.6	677.8	2,129.5	0.9	209.8	4,084.7	25.0	15.8	6,121.1	-368.7	2,408.0	8,160.5
Kansas	373.2	1,499.6	800.5	78.7	462.4	1,763.6	22.8	328.9	3,457.0	47.1	7.1	5,384.0	-525.1	2,223.1	7,082.0
Kentucky	1,158.1	1,475.1	1,611.9	191.6	442.7	3,014.5	1.6	819.4	6,081.7	—	11.9	8,726.8	-1,070.2	3,361.2	11,017.8
Louisiana	314.2	4,959.8	2,135.4	1,066.7	1,892.5	2,974.0	378.4	543.8	8,990.7	87.4	174.9	14,527.0	-1,570.5	5,069.5	18,026.0
Maine	14.8	408.7	759.3	23.7	103.8	908.6	161.3	174.2	2,131.0	—	144.6	2,750.5	-395.9	1,270.3	3,625.0
Maryland	496.2	1,890.5	1,254.8	97.5	157.8	3,798.8	129.3	338.5	5,776.8	63.6	24.0	8,251.5	-789.3	3,983.3	11,445.5
Massachusetts	183.2	3,176.4	2,100.1	230.3	178.0	4,134.0	433.1	318.8	7,394.4	21.6	47.8	10,832.1	-937.2	6,061.8	15,956.7
Michigan	1,057.1	4,439.8	1,620.8	204.5	956.9	6,984.8	33.1	910.4	10,710.5	132.9	75.1	16,388.0	-1,543.5	7,068.3	21,912.7
Minnesota	375.5	2,305.3	1,398.2	383.0	412.5	3,944.4	17.3	339.2	6,494.5	57.3	60.0	9,384.6	-556.1	3,618.2	12,446.7
Mississippi	324.4	1,492.6	867.9	258.6	351.7	1,993.4	229.9	184.4	3,885.9	41.1	82.7	5,826.7	-1,087.4	2,719.4	7,458.7
Missouri	699.6	2,531.3	1,577.0	240.1	597.2	4,154.0	3.6	433.3	7,005.2	33.2	13.6	10,282.9	-875.6	4,414.4	13,821.7
Montana	176.8	342.6	476.8	30.3	65.6	751.9	(s)	83.0	1,407.7	—	19.0	1,946.1	-182.3	719.8	2,483.5
Nebraska	134.2	868.7	734.3	37.5	150.4	1,214.9	3.2	75.2	2,215.5	56.6	4.3	3,279.3	-200.1	1,333.2	4,412.3
Nevada	239.2	1,447.4	535.2	285.9	75.1	1,448.5	72.3	42.1	2,459.1	—	8.2	4,153.9	-1,198.8	2,171.8	5,126.9
New Hampshire	67.2	238.9	476.2	28.0	135.7	991.4	33.0	103.3	1,767.6	39.8	17.9	2,136.1	-137.3	1,129.2	3,127.9
New Jersey	255.0	3,658.8	2,010.0	1,098.0	406.8	5,484.3	287.3	949.6	10,236.0	143.3	29.8	14,323.0	-929.7	6,785.2	20,178.4
New Mexico	437.4	769.4	676.7	102.2	248.0	1,265.1	2.0	124.2	2,418.2	—	8.6	3,633.6	-637.4	1,316.4	4,312.6
New York	462.5	9,888.9	4,480.1	481.3	430.4	8,031.5	840.2	1,110.3	15,373.8	180.7	204.3	26,190.1	-2,735.8	16,448.9	39,903.2
North Carolina	1,210.3	1,786.2	1,898.4	198.0	754.7	5,553.7	86.9	675.0	9,166.7	171.2	130.3	12,464.7	-1,403.8	7,804.2	18,865.0
North Dakota	412.0	241.1	466.2	27.7	227.5	510.6	1.3	62.9	1,296.1	—	2.0	1,956.0	-247.7	534.9	2,243.2
Ohio	1,789.6	6,403.5	2,765.7	616.5	486.4	7,324.9	11.4	1,170.9	12,375.7	66.2	44.2	20,679.3	-1,808.3	10,199.5	29,070.5
Oklahoma	347.6	3,010.6	1,784.7	237.8	251.0	2,340.2	3.6	302.7	4,919.9	—	27.1	8,305.2	-1,140.6	3,016.1	10,180.7
Oregon	48.1	1,335.1	989.8	173.3	57.5	2,376.6	43.8	213.4	3,854.5	—	52.8	5,292.1	-375.3	2,494.3	7,411.1
Pennsylvania	1,795.6	5,736.3	3,818.0	597.8	379.8	7,148.7	185.3	1,092.0	13,221.6	328.7	77.9	21,160.1	-2,029.6	10,757.1	29,887.6
Rhode Island	0.1	600.7	324.8	43.8	27.9	617.6	19.0	33.6	1,066.5	—	5.4	1,677.4	-211.4	846.6	2,312.6
South Carolina	665.3	1,011.8	993.1	63.6	195.5	2,904.8	50.4	204.5	4,411.9	213.9	71.0	6,373.9	-824.0	4,317.2	9,867.1
South Dakota	46.2	220.1	328.6	36.5	87.7	618.8	2.8	52.2	1,126.7	—	2.0	1,395.0	-62.0	548.0	1,881.0
Tennessee	864.2	1,970.7	1,459.2	397.3	234.8	3,794.5	1.9	431.4	6,319.0	117.7	90.2	9,361.9	-878.2	5,324.7	13,808.4
Texas	1,992.7	17,440.8	6,188.1	3,497.8	9,986.9	14,244.8	480.7	4,322.2	38,720.5	163.3	90.6	58,407.9	-8,734.5	22,979.1	72,652.5
Utah	454.4	888.6	617.3	258.0	100.3	1,393.5	0.3	72.7	2,442.2	—	8.8	3,794.1	-458.9	1,197.8	4,533.0
Vermont	0.1	60.6	295.9	4.5	139.7	503.3	6.8	40.6	990.7	17.5	16.7	1,115.4	-61.8	606.7	1,660.3
Virginia	783.6	1,916.8	1,954.5	324.9	290.5	5,323.4	179.6	449.7	8,522.5	119.0	107.2	11,449.2	-1,087.4	5,928.4	16,290.2
Washington	115.0	2,316.3	1,402.9	705.5	319.6	4,029.3	208.9	347.9	7,014.1	43.3	118.2	9,535.4	-770.6	4,141.1	12,906.0
West Virginia	1,116.0	655.9	700.5	7.1	84.6	1,178.8	3.6	172.9	2,147.5	—	7.0	3,926.3	-1,020.8	1,391.7	4,297.2
Wisconsin	551.7	2,727.1	1,738.3	88.6	465.7	3,689.6	11.0	651.6	6,644.8	62.2	94.6	10,080.3	-653.3	3,930.8	13,357.8
Wyoming	401.9	383.9	725.8	12.1	58.4	479.4	0.1	63.3	1,339.1	—	2.4	2,127.2	-369.7	564.0	2,321.6
United States	28,195.4	139,526.3	74,923.6	19,602.0	25,717.6	185,892.3	7,266.5	22,959.7	336,361.6	3,497.7	3,019.5	510,900.0	-62,115.3	244,814.2	693,599.0

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Electricity imports and exports are included in this total but not shown separately. The U.S. total includes $82 million for coal coke net imports, which are not allocated to the States.

— No consumption, including cases where adjustments were made. See explanation of adjustments in the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table S2a. Residential Sector Energy Price Estimates by Source, 2001
(Nominal Dollars per Million Btu)

State	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
Alabama	3.31	11.68	7.07	6.98	16.84	16.54	4.17	12.49	20.56	17.19
Alaska	1.95	4.19	9.93	20.30	20.27	10.71	5.62	6.66	35.51	11.79
Arizona	2.85	10.45	10.29	21.36	18.64	18.57	5.62	10.85	24.32	19.80
Arkansas	—	9.90	7.15	6.17	15.59	15.46	4.17	10.98	22.61	16.95
California	—	10.27	10.09	21.72	18.35	17.91	5.62	10.39	37.07	19.02
Colorado	2.25	8.33	9.54	8.84	13.82	13.63	5.62	8.63	21.88	12.12
Connecticut	4.05	11.93	9.47	9.72	19.56	10.07	3.35	10.45	31.98	15.57
Delaware	5.04	8.77	8.90	7.50	17.23	11.66	4.17	10.10	25.22	16.01
Dist. of Col.	3.84	12.33	10.91	7.94	19.22	10.95	4.17	11.96	22.95	15.00
Florida	3.31	14.78	9.17	10.93	20.97	20.03	4.17	16.31	25.19	24.41
Georgia	3.31	10.23	9.00	10.01	17.30	16.51	4.17	10.61	22.64	16.82
Hawaii	—	21.77	9.81	21.11	30.52	30.50	—	28.24	47.88	44.26
Idaho	1.89	8.33	7.86	9.02	14.14	12.05	5.62	9.13	17.60	13.09
Illinois	2.19	8.86	8.59	10.54	13.09	12.50	4.22	8.96	25.54	12.91
Indiana	2.77	9.34	8.58	9.19	14.70	12.75	4.22	9.66	20.29	13.57
Iowa	2.34	8.87	10.03	9.19	10.97	10.79	4.22	9.06	24.65	14.11
Kansas	—	9.34	10.75	9.18	11.11	11.07	4.22	9.41	22.46	13.89
Kentucky	2.37	9.20	5.21	9.28	15.07	11.83	4.17	9.39	16.37	13.07
Louisiana	—	10.23	7.07	7.19	17.54	17.32	4.17	11.02	23.21	18.31
Maine	4.05	10.48	9.21	9.63	17.96	10.04	3.35	9.83	34.16	15.20
Maryland	3.84	11.24	10.16	7.88	19.39	11.47	4.17	11.12	22.58	15.78
Massachusetts	4.05	12.25	9.24	10.10	19.63	9.72	3.35	10.63	36.59	15.64
Michigan	3.11	5.60	9.59	9.85	14.56	13.32	4.22	6.80	24.20	10.39
Minnesota	3.71	8.64	8.62	9.32	13.34	11.21	4.22	9.09	22.31	12.95
Mississippi	—	10.10	7.28	6.28	16.70	16.56	4.17	12.10	21.61	17.44
Missouri	1.12	10.40	8.50	9.13	12.94	12.59	4.22	10.77	20.53	14.66
Montana	1.14	7.10	7.79	8.59	13.03	11.84	5.62	7.87	20.16	12.06
Nebraska	2.25	8.57	7.94	9.19	10.92	10.69	4.22	8.75	19.06	12.36
Nevada	4.47	8.76	10.04	21.62	17.32	14.47	5.62	9.13	26.60	17.23
New Hampshire	4.05	12.01	9.06	9.17	16.40	10.41	3.35	10.42	36.61	16.41
New Jersey	4.24	7.41	10.04	6.97	20.50	11.10	3.35	8.18	30.00	13.24
New Mexico	2.25	7.52	7.14	6.16	16.78	16.74	5.62	9.80	25.61	13.85
New York	3.42	11.37	10.22	8.74	18.58	10.72	3.35	10.61	41.22	16.18
North Carolina	3.38	11.84	9.06	7.52	17.27	12.57	4.17	11.83	23.79	18.62
North Dakota	1.35	7.46	8.80	9.19	11.46	10.70	4.22	8.88	18.97	12.47
Ohio	2.88	9.28	8.78	8.97	16.07	12.12	4.22	9.49	24.54	14.16
Oklahoma	2.25	9.33	8.76	9.15	14.54	14.51	4.17	9.87	21.30	15.23
Oregon	—	9.43	8.73	20.30	16.65	11.97	5.62	9.66	18.42	14.34
Pennsylvania	4.52	10.91	8.86	10.06	18.63	9.81	3.35	10.34	28.20	15.29
Rhode Island	4.05	11.82	9.54	9.81	21.46	10.02	3.35	10.61	35.56	15.12
South Carolina	—	11.65	8.23	7.83	18.49	13.33	4.17	11.64	22.53	18.94
South Dakota	2.86	8.61	8.72	9.11	11.48	10.65	4.22	9.26	21.74	14.03
Tennessee	2.39	9.80	9.85	7.89	16.14	14.69	4.17	10.27	18.53	15.18
Texas	2.25	8.69	7.22	5.84	16.46	16.38	4.17	9.94	25.98	19.64
Utah	2.85	7.69	8.16	9.00	14.45	13.63	5.62	8.02	19.70	11.11
Vermont	4.57	9.95	9.55	9.63	16.86	11.80	3.35	11.30	37.13	16.88
Virginia	4.18	11.52	9.06	7.62	18.69	10.95	4.17	11.03	22.85	16.90
Washington	3.48	9.46	10.26	21.62	16.57	13.19	5.62	9.92	16.70	13.24
West Virginia	1.59	7.50	8.71	8.98	18.42	12.80	4.17	8.40	18.35	12.61
Wisconsin	3.29	8.69	8.93	9.19	13.17	11.19	4.22	9.25	23.14	13.28
Wyoming	1.14	8.00	8.11	8.94	12.94	12.67	5.62	8.65	19.85	12.32
United States	2.95	9.43	9.48	9.29	15.83	11.68	4.12	9.80	25.26	15.72

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
— No consumption.

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

Table S2b. Residential Sector Energy Expenditure Estimates by Source, 2001
(Million Nominal Dollars)

State	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
Alabama	0.1	593.7	1.6	1.5	241.6	244.7	9.3	847.8	1,950.1	2,797.9
Alaska	1.6	71.1	105.5	1.8	15.7	123.0	3.2	198.9	229.2	428.1
Arizona	(s)	389.4	0.4	0.1	79.6	80.0	19.8	489.3	2,174.4	2,663.6
Arkansas	—	373.1	(s)	0.8	159.1	159.9	3.3	536.4	1,165.4	1,701.8
California	—	5,347.4	17.3	43.1	242.6	302.9	77.1	5,727.4	9,776.2	15,503.6
Colorado	1.6	1,033.5	3.1	0.9	131.8	135.8	17.1	1,188.1	1,080.2	2,268.3
Connecticut	(s)	495.3	750.3	8.8	98.1	857.3	13.7	1,366.3	1,305.3	2,671.6
Delaware	(s)	83.1	52.0	4.8	58.3	115.1	2.0	200.2	321.4	521.6
Dist. of Col.	0.3	163.8	12.7	(s)	0.1	12.8	1.7	178.5	131.3	309.8
Florida	0.6	244.6	6.5	5.7	277.5	289.7	9.0	543.8	8,712.9	9,256.7
Georgia	0.1	1,269.3	3.2	10.3	205.3	218.8	19.4	1,507.5	3,427.7	4,935.2
Hawaii	—	12.1	(s)	(s)	48.8	48.8	—	60.9	457.8	518.7
Idaho	0.1	162.1	16.7	0.3	61.1	78.1	5.0	245.3	414.7	660.0
Illinois	1.2	3,861.4	16.0	7.2	193.3	216.4	13.4	4,092.4	3,644.6	7,737.0
Indiana	1.8	1,410.0	38.9	18.6	196.9	254.5	6.9	1,673.2	2,037.2	3,710.4
Iowa	1.9	632.6	24.2	1.9	135.3	161.4	5.6	801.4	1,045.2	1,846.6
Kansas	—	658.3	2.8	0.7	75.1	78.6	5.2	742.1	924.6	1,666.7
Kentucky	1.5	543.3	13.9	14.3	100.2	128.4	8.3	681.4	1,323.4	2,004.8
Louisiana	—	513.1	0.1	1.1	133.1	134.2	5.5	652.8	2,043.5	2,696.3
Maine	(s)	11.7	367.6	91.4	83.4	542.4	6.2	560.4	552.0	1,112.4
Maryland	0.8	896.5	283.9	21.0	113.4	418.4	12.9	1,328.7	1,849.9	3,178.6
Massachusetts	0.2	1,364.9	1,200.4	11.3	121.2	1,332.9	25.5	2,723.5	2,242.6	4,966.2
Michigan	0.1	1,983.0	148.3	12.4	728.7	889.4	11.6	2,884.1	2,667.2	5,551.3
Minnesota	(s)	1,091.5	114.8	9.9	229.6	354.3	9.3	1,455.2	1,476.5	2,931.7
Mississippi	—	288.0	0.2	1.1	249.9	251.3	5.5	544.8	1,242.8	1,787.6
Missouri	0.6	1,216.5	20.0	4.0	420.5	444.5	11.0	1,672.6	2,113.3	3,785.9
Montana	(s)	146.3	7.7	(s)	44.2	52.0	3.9	202.1	267.2	469.3
Nebraska	(s)	406.4	3.8	0.5	64.3	68.6	3.3	478.3	561.9	1,040.2
Nevada	(s)	292.2	12.8	0.9	32.4	46.1	7.4	345.7	871.9	1,217.6
New Hampshire	(s)	86.9	238.6	18.3	104.9	361.8	5.3	454.0	473.4	927.4
New Jersey	(s)	1,615.7	553.9	16.2	147.7	717.8	15.0	2,348.5	2,602.7	4,951.2
New Mexico	(s)	267.7	0.2	0.2	208.9	209.3	7.4	484.5	436.9	921.4
New York	1.1	4,420.1	2,173.2	118.4	315.4	2,607.0	147.5	7,175.6	6,195.1	13,370.8
North Carolina	1.3	701.1	164.5	86.2	446.7	697.4	20.5	1,420.2	3,749.9	5,170.2
North Dakota	0.3	81.2	25.2	0.2	83.1	108.5	1.4	191.3	225.3	416.6
Ohio	1.8	2,983.4	141.4	22.5	250.4	414.2	13.1	3,412.5	3,962.5	7,374.9
Oklahoma	(s)	619.1	0.1	0.3	130.4	130.9	4.5	754.4	1,438.6	2,193.0
Oregon	—	371.2	53.5	19.9	41.8	115.2	17.9	504.4	1,100.1	1,604.5
Pennsylvania	10.3	2,749.2	1,076.5	164.5	234.2	1,475.2	24.2	4,258.9	4,454.1	8,713.0
Rhode Island	(s)	218.3	197.9	3.8	18.9	220.6	4.3	443.2	327.4	770.5
South Carolina	—	332.3	20.1	22.1	100.3	142.5	10.3	485.1	1,912.0	2,397.1
South Dakota	(s)	105.7	18.6	0.2	57.1	75.9	1.5	183.1	265.6	448.7
Tennessee	1.0	691.4	9.5	11.0	157.6	178.1	11.5	882.0	2,334.7	3,216.7
Texas	0.1	1,855.2	(s)	1.9	726.7	728.7	15.3	2,599.3	10,399.3	12,998.6
Utah	0.4	445.0	4.3	0.2	52.4	56.9	7.2	509.5	449.8	959.3
Vermont	(s)	27.4	123.4	17.5	109.9	250.9	2.9	281.1	254.6	535.7
Virginia	1.5	840.2	273.6	72.6	214.7	560.9	17.5	1,420.1	2,904.5	4,324.6
Washington	0.2	826.4	113.3	12.4	135.0	260.7	30.7	1,118.1	1,801.6	2,919.6
West Virginia	0.2	268.0	26.4	18.0	65.8	110.2	4.9	383.3	615.5	998.9
Wisconsin	1.9	1,097.4	173.9	2.1	296.7	472.6	6.3	1,578.3	1,612.0	3,190.3
Wyoming	0.3	92.8	1.2	0.1	33.2	34.4	2.2	129.7	145.3	275.0
United States	33.1	46,250.1	8,614.1	883.2	8,472.6	17,970.0	693.4	64,946.6	103,671.0	168,617.7

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table S3a. Commercial Sector Energy Price Estimates by Source, 2001
(Nominal Dollars per Million Btu)

State	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
Alabama	1.59	10.08	5.93	6.98	13.31	10.59	—	8.49	4.17	9.61	19.22	15.88
Alaska	1.93	3.13	8.23	20.30	14.42	13.09	—	9.57	5.62	5.32	31.07	10.17
Arizona	1.90	7.81	6.87	21.36	15.18	11.54	—	8.25	5.15	7.84	20.82	16.85
Arkansas	—	7.70	6.00	6.17	13.45	10.60	—	8.59	2.24	7.80	18.30	12.73
California	—	9.19	6.98	21.72	15.43	12.23	3.51	8.49	3.08	9.06	35.26	24.27
Colorado	1.21	7.69	6.59	8.84	13.54	12.17	—	8.90	3.43	7.25	17.00	11.68
Connecticut	2.06	7.51	7.32	9.72	13.82	12.45	4.04	7.86	3.35	7.60	27.22	15.17
Delaware	1.42	9.94	6.32	7.50	13.43	11.68	3.58	6.81	4.17	8.53	20.80	15.22
Dist. of Col.	1.49	11.72	6.57	7.94	14.21	13.57	4.00	8.48	4.17	10.63	23.32	17.17
Florida	1.79	9.86	6.52	10.93	14.12	10.37	3.72	7.59	2.48	9.02	20.87	18.28
Georgia	1.89	8.88	6.40	10.01	13.85	9.63	3.72	7.88	4.17	8.63	19.60	16.01
Hawaii	—	17.00	6.79	21.11	15.00	14.91	4.52	9.12	—	13.91	43.57	37.18
Idaho	1.71	7.45	6.75	9.02	13.81	11.55	—	8.75	5.62	7.56	14.97	11.81
Illinois	1.32	8.38	6.75	10.54	13.30	12.25	5.52	8.41	3.67	8.23	20.22	13.87
Indiana	1.46	8.44	6.69	9.19	13.14	11.00	5.21	8.33	1.03	7.75	15.78	11.48
Iowa	1.41	7.21	6.51	9.19	13.14	11.12	3.28	9.66	2.48	6.91	19.00	11.38
Kansas	—	8.48	6.50	9.18	13.13	11.17	3.77	8.04	4.22	8.41	18.43	13.43
Kentucky	1.74	8.87	6.57	9.28	13.27	11.29	4.31	7.74	4.17	7.93	14.88	11.72
Louisiana	—	8.39	5.93	7.19	13.31	10.67	—	10.12	4.17	8.74	22.53	17.67
Maine	2.15	9.17	6.94	9.63	13.69	12.20	3.84	7.20	1.18	6.94	32.19	17.12
Maryland	1.49	9.78	6.75	7.88	14.11	12.30	3.91	7.32	1.76	8.92	19.08	14.15
Massachusetts	2.06	10.92	6.90	10.10	13.69	12.14	4.33	7.04	2.54	9.56	33.08	20.70
Michigan	1.61	5.29	7.05	9.85	13.27	11.22	4.16	10.24	2.76	5.78	22.32	12.04
Minnesota	1.68	7.41	7.00	9.32	13.33	12.16	4.18	8.50	2.05	7.49	17.81	11.57
Mississippi	—	8.00	6.10	6.28	13.69	10.49	3.19	10.00	4.17	8.35	20.72	15.81
Missouri	1.46	9.76	6.46	9.13	13.05	11.00	4.03	9.16	3.87	9.23	17.29	13.40
Montana	1.66	7.19	6.40	8.59	13.16	12.40	—	8.87	5.62	7.37	18.22	12.43
Nebraska	1.06	7.35	6.51	9.19	13.14	11.44	4.05	9.75	2.85	7.58	16.58	11.91
Nevada	1.51	7.82	6.95	21.62	15.36	12.15	—	8.37	5.62	7.85	24.18	15.85
New Hampshire	2.06	10.50	6.55	9.17	13.04	11.82	3.76	7.15	3.35	8.38	31.13	17.59
New Jersey	1.61	7.44	6.74	6.97	14.24	11.18	3.85	6.93	3.23	7.34	27.00	15.26
New Mexico	1.18	6.95	5.99	6.16	13.44	11.21	—	9.84	5.62	7.39	21.34	14.43
New York	1.56	9.30	6.75	8.74	13.97	11.53	4.07	6.20	2.46	8.26	36.24	17.05
North Carolina	1.68	9.73	6.40	7.52	13.87	10.80	3.83	7.92	4.17	8.66	18.86	15.41
North Dakota	1.80	6.76	6.51	9.19	13.14	11.56	4.27	9.18	4.22	6.70	16.64	11.06
Ohio	1.54	8.32	6.61	8.97	13.14	11.58	4.14	8.23	3.01	8.13	24.13	14.91
Oklahoma	1.32	8.60	6.48	9.15	13.08	10.44	—	8.46	4.17	8.57	18.11	13.67
Oregon	—	7.77	6.50	20.30	14.42	12.62	4.08	7.63	5.62	7.72	16.14	12.62
Pennsylvania	1.57	10.12	6.43	10.06	14.24	11.39	3.92	6.95	1.50	8.57	23.52	14.89
Rhode Island	2.06	10.38	7.49	9.81	13.95	12.33	4.77	6.95	3.35	9.10	29.85	17.13
South Carolina	—	9.66	6.46	7.83	13.98	10.36	3.76	7.42	1.45	8.73	18.88	15.63
South Dakota	1.10	7.19	6.45	9.11	13.02	11.64	4.23	9.02	4.22	7.49	18.04	12.58
Tennessee	1.48	9.06	6.57	7.89	13.27	10.65	—	8.25	1.47	8.42	18.78	14.39
Texas	1.37	6.34	6.06	5.84	13.59	10.66	3.08	8.12	3.75	6.58	22.51	16.50
Utah	1.20	6.44	6.71	9.00	13.78	11.63	2.87	7.67	5.62	6.45	16.06	10.72
Vermont	2.06	7.86	7.47	9.63	13.69	12.04	4.50	8.24	3.35	8.08	33.00	17.91
Virginia	1.76	9.02	6.34	7.62	13.92	11.25	3.75	7.02	1.17	7.83	16.63	13.01
Washington	2.43	8.33	6.38	21.62	15.36	12.18	3.59	8.41	5.62	8.27	15.67	12.52
West Virginia	1.40	6.59	6.50	8.98	14.12	11.48	—	8.29	4.17	6.59	16.10	10.45
Wisconsin	1.80	7.48	7.17	9.19	13.14	12.03	3.66	8.70	1.91	7.35	18.75	11.99
Wyoming	1.27	7.83	6.66	8.94	13.68	11.36	—	8.05	5.62	6.83	15.80	10.44
United States	1.56	8.32	6.70	8.74	13.59	11.53	4.06	7.66	2.27	7.98	22.97	15.56

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.

— No consumption.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table S3b. Commercial Sector Energy Expenditure Estimates by Source, 2001
(Million Nominal Dollars)

State	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
Alabama	0.6	274.6	28.9	1.0	33.7	2.4	—	66.0	1.0	342.2	1,285.6	1,627.7
Alaska	12.7	50.1	80.9	0.1	2.0	46.4	—	129.3	0.3	192.4	260.4	452.8
Arizona	(s)	244.6	30.6	0.4	11.4	2.4	—	44.9	2.2	291.7	1,754.7	2,046.3
Arkansas	—	249.8	20.7	0.3	24.2	1.7	—	46.9	0.5	297.2	617.8	915.0
California	—	2,293.3	115.4	7.8	36.0	15.6	0.6	175.4	9.8	2,478.5	13,353.1	15,831.6
Colorado	7.1	501.2	24.3	0.5	22.8	2.6	—	50.1	2.1	560.5	1,092.7	1,653.2
Connecticut	0.2	341.0	145.2	12.7	12.2	18.8	4.2	193.1	1.5	535.7	1,206.8	1,742.5
Delaware	(s)	58.3	11.2	5.4	8.0	1.8	4.8	31.3	0.2	89.9	262.3	352.1
Dist. of Col.	1.0	198.9	20.7	9.3	(s)	17.9	(s)	48.0	0.2	248.0	578.4	826.4
Florida	2.5	517.5	115.3	1.5	33.0	13.1	0.3	163.3	1.2	684.4	5,656.4	6,340.9
Georgia	0.5	465.4	60.0	3.5	29.0	3.9	(s)	96.4	2.1	564.4	2,633.1	3,197.6
Hawaii	—	30.8	5.4	(s)	4.2	0.9	0.2	10.7	—	41.5	473.4	514.9
Idaho	0.6	103.3	14.6	0.2	10.5	1.9	—	27.3	0.5	131.7	351.7	483.3
Illinois	5.9	1,617.3	71.4	3.9	34.7	16.2	2.0	128.1	1.5	1,752.8	3,825.5	5,578.3
Indiana	7.5	678.1	61.4	2.3	31.1	14.6	(s)	109.3	4.7	799.5	1,411.2	2,210.7
Iowa	9.2	332.4	20.6	0.7	28.6	31.7	(s)	81.7	0.7	424.0	683.6	1,107.6
Kansas	—	324.8	30.6	0.3	15.7	4.6	0.2	51.3	0.6	376.7	830.9	1,207.6
Kentucky	8.9	324.3	43.0	3.1	15.6	2.5	0.2	64.2	0.9	398.4	893.6	1,292.0
Louisiana	—	247.7	9.6	0.7	17.8	52.9	—	80.9	0.6	329.2	1,561.5	1,890.7
Maine	0.1	28.5	101.8	8.3	11.2	0.8	4.5	126.6	2.3	157.5	493.8	651.3
Maryland	2.5	607.0	98.9	15.5	14.6	2.1	0.8	131.8	2.9	744.3	1,689.2	2,433.4
Massachusetts	0.8	703.7	169.6	9.0	14.9	5.3	14.2	213.0	3.1	920.6	2,869.8	3,790.4
Michigan	0.3	947.2	62.7	1.9	117.2	25.3	0.4	207.5	1.4	1,156.5	2,724.8	3,881.3
Minnesota	0.1	703.8	46.2	1.9	40.5	3.3	5.7	97.6	1.4	802.9	1,246.9	2,049.8
Mississippi	—	176.3	11.8	0.4	36.2	2.2	1.0	51.5	0.6	228.4	859.9	1,088.3
Missouri	6.0	637.6	58.7	1.2	74.8	19.0	0.7	154.5	1.2	799.2	1,605.2	2,404.4
Montana	0.1	97.4	7.3	(s)	7.9	0.9	—	16.2	0.4	114.0	246.8	360.8
Nebraska	0.1	207.6	9.2	0.1	13.7	12.4	0.5	36.0	0.4	244.1	495.5	739.6
Nevada	(s)	183.3	13.6	0.3	5.1	1.0	—	19.9	0.8	204.0	603.9	808.0
New Hampshire	0.2	81.9	66.6	2.8	14.7	1.3	1.9	87.3	0.6	170.0	429.6	599.6
New Jersey	0.1	1,055.7	133.3	49.3	18.1	4.5	9.3	214.5	1.6	1,272.0	3,160.5	4,432.5
New Mexico	0.1	163.5	12.2	0.6	29.5	2.3	—	44.6	0.8	209.0	615.7	824.7
New York	4.0	3,337.1	663.0	43.3	41.9	13.1	184.1	945.4	18.2	4,304.7	8,656.4	12,961.0
North Carolina	5.2	391.2	115.5	8.2	63.3	14.8	3.1	204.8	2.2	603.4	2,567.0	3,170.4
North Dakota	3.0	72.8	9.9	0.1	16.8	0.6	1.0	28.4	0.1	104.4	203.0	307.4
Ohio	7.6	1,495.9	72.6	7.4	36.1	12.9	(s)	129.1	1.8	1,634.4	3,563.6	5,197.9
Oklahoma	(s)	371.8	25.4	0.4	20.7	2.1	—	48.6	0.5	420.9	1,020.3	1,441.2
Oregon	—	222.8	45.6	8.4	6.4	2.0	1.3	63.7	1.9	288.4	840.5	1,128.9
Pennsylvania	29.0	1,456.1	224.4	28.6	31.6	7.5	12.3	304.5	4.7	1,794.3	3,598.6	5,392.9
Rhode Island	0.1	136.9	27.5	5.5	2.2	2.8	12.9	50.8	0.5	188.2	389.5	577.8
South Carolina	—	208.1	28.9	1.8	13.4	1.9	2.7	48.7	2.3	259.1	1,187.5	1,446.6
South Dakota	0.1	69.5	9.4	0.1	11.4	1.8	0.1	22.9	0.2	92.7	208.1	300.8
Tennessee	4.8	497.7	35.8	4.0	22.9	2.9	—	65.6	2.5	570.6	1,733.5	2,304.1
Texas	0.4	1,153.4	128.0	2.8	105.9	9.8	0.2	246.7	1.7	1,402.1	7,907.6	9,309.8
Utah	1.3	209.6	27.2	0.4	8.8	1.4	0.3	38.1	0.8	249.9	498.7	748.6
Vermont	0.1	19.7	43.9	1.9	15.8	0.4	2.6	64.6	0.3	84.7	225.2	309.8
Virginia	5.2	559.8	109.4	9.8	28.2	7.3	6.6	161.3	6.5	732.8	2,230.1	2,962.9
Washington	1.2	492.7	44.8	2.6	22.1	9.3	0.2	78.9	3.3	576.1	1,471.4	2,047.5
West Virginia	1.5	195.3	15.4	3.2	8.9	1.2	—	28.7	0.5	226.0	377.0	603.0
Wisconsin	8.3	576.3	59.8	1.1	52.3	5.0	4.6	122.7	1.0	708.5	1,242.8	1,951.3
Wyoming	3.1	78.9	16.1	(s)	6.2	2.8	—	25.1	0.2	107.3	167.3	274.6
United States	142.2	25,992.5	3,404.2	274.5	1,283.5	431.5	283.8	5,677.8	97.2	31,909.7	93,862.2	125,771.9

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table S4a. Industrial Sector Energy Price Estimates by Source, 2001
(Nominal Dollars per Million Btu)

State	Primary Energy															Electricity	Total Energy [d]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [d]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants [b]	Motor Gasoline	Residual Fuel	Other [c]	Total				
Alabama	1.74	1.59	1.66	6.13	4.30	6.48	6.61	6.58	19.00	10.59	3.28	7.21	6.30	1.57	3.79	11.13	5.11
Alaska	—	1.93	1.93	1.64	3.76	9.57	6.57	12.78	19.00	13.09	4.78	—	6.89	1.62	4.04	22.31	5.09
Arizona	—	1.90	1.90	6.19	3.46	6.96	6.92	13.45	19.00	11.54	3.78	6.69	6.68	1.62	5.79	15.37	8.61
Arkansas	—	1.78	1.78	6.30	3.77	6.55	6.92	6.65	19.00	10.60	3.13	6.64	6.94	1.57	5.26	12.98	6.62
California	—	1.61	1.61	6.50	3.91	7.07	7.03	13.67	19.00	12.23	3.51	6.58	6.98	1.59	6.25	28.75	9.13
Colorado	—	1.21	1.21	4.39	3.40	6.71	6.69	13.01	19.00	12.17	2.82	10.78	8.03	2.17	6.02	13.12	7.70
Connecticut	—	—	—	6.62	4.96	6.69	6.96	12.90	19.00	12.45	4.04	6.60	7.40	1.92	7.01	22.34	10.45
Delaware	—	1.42	1.42	6.63	3.79	6.34	6.27	12.27	19.00	11.68	3.58	5.84	5.70	2.01	5.67	14.89	7.39
Dist. of Col.	—	—	—	—	3.78	6.70	—	12.97	19.00	13.57	—	—	10.91	—	10.91	14.10	12.39
Florida	—	1.79	1.79	6.56	3.78	6.93	7.08	12.66	19.00	10.37	3.72	6.48	6.62	1.54	5.19	15.62	6.76
Georgia	—	1.89	1.89	5.69	3.70	6.80	7.51	12.42	19.00	9.63	3.72	5.82	6.59	1.58	4.37	12.55	5.97
Hawaii	—	2.42	2.42	10.72	3.72	6.88	6.83	13.29	19.00	14.91	4.52	19.26	7.04	1.12	4.46	34.22	19.05
Idaho	—	1.71	1.71	6.32	3.45	7.00	7.05	13.28	19.00	11.55	2.88	19.26	6.21	1.58	4.63	10.87	5.92
Illinois	1.73	1.32	1.48	6.75	4.21	7.47	7.17	11.84	19.00	12.25	5.52	7.60	8.36	2.11	6.27	14.42	7.65
Indiana	1.76	1.46	1.65	7.95	4.18	6.76	7.26	11.70	19.00	11.00	5.21	4.89	6.36	2.09	4.63	12.03	5.80
Iowa	—	1.41	1.41	6.46	4.24	7.27	7.15	11.70	19.00	11.12	3.28	7.14	8.93	2.42	6.33	12.26	7.34
Kansas	—	1.49	1.49	4.95	4.88	7.26	7.10	11.69	19.00	11.17	3.77	6.44	8.29	2.32	6.67	13.33	7.67
Kentucky	1.74	1.74	1.74	6.28	4.29	7.34	7.79	11.82	19.00	11.29	4.31	5.24	6.81	1.71	5.79	8.91	6.61
Louisiana	—	1.36	1.36	4.91	3.68	6.48	5.59	6.58	19.00	10.67	3.07	6.25	6.68	1.58	5.22	16.37	6.02
Maine	—	2.15	2.15	6.81	4.90	7.45	6.56	12.78	19.00	12.20	3.84	6.39	5.11	1.60	3.23	25.27	4.60
Maryland	—	1.49	1.49	8.74	3.87	6.65	6.81	12.88	19.00	12.30	3.91	4.58	5.77	1.92	5.36	12.92	6.80
Massachusetts	—	2.06	2.06	8.95	4.88	6.70	6.62	12.78	19.00	12.14	4.33	6.83	7.02	1.97	8.00	29.68	11.66
Michigan	1.73	1.61	1.67	4.63	4.07	7.34	7.46	11.82	19.00	11.22	4.16	6.71	7.60	1.63	4.70	14.91	6.60
Minnesota	—	1.68	1.68	5.10	3.88	7.60	7.49	11.87	19.00	12.16	4.18	12.33	7.11	1.62	5.18	13.24	6.96
Mississippi	—	1.70	1.70	5.67	4.26	6.67	5.79	6.77	19.00	10.49	3.19	7.74	6.98	1.58	4.99	12.90	6.52
Missouri	—	1.46	1.46	7.44	3.99	7.21	7.01	11.62	19.00	11.00	4.03	4.06	6.45	1.42	6.19	12.88	7.63
Montana	—	1.66	1.66	5.06	3.60	6.53	6.72	12.65	19.00	12.40	2.74	1.63	5.06	1.59	4.42	19.17	6.54
Nebraska	—	1.06	1.06	5.77	4.28	7.27	7.39	11.70	19.00	11.44	4.05	19.26	7.95	2.35	6.29	11.03	7.24
Nevada	—	1.51	1.51	6.84	3.42	7.04	7.00	13.61	19.00	12.15	—	9.71	7.17	—	6.42	19.24	12.40
New Hampshire	—	—	—	7.46	4.87	6.60	6.74	12.17	19.00	11.82	3.76	6.13	6.55	1.69	6.36	26.71	10.37
New Jersey	—	1.61	1.61	6.44	3.98	6.51	6.34	13.00	19.00	11.18	3.85	6.74	7.12	1.81	6.87	24.24	9.29
New Mexico	—	1.18	1.18	6.35	3.43	6.54	8.02	6.64	19.00	11.21	3.13	6.07	6.57	1.62	6.30	15.98	8.45
New York	1.73	1.56	1.63	7.47	3.95	6.61	6.73	12.76	19.00	11.53	4.07	5.28	6.02	1.72	5.37	16.16	7.41
North Carolina	—	1.68	1.68	6.71	3.80	6.81	6.29	12.43	19.00	10.80	3.83	5.94	6.68	1.57	5.16	13.83	7.10
North Dakota	—	1.80	1.80	5.12	4.32	7.27	7.39	11.70	19.00	11.56	4.27	—	8.10	0.91	3.91	11.67	4.34
Ohio	1.73	1.54	1.61	6.31	4.22	7.56	7.70	11.70	19.00	11.58	4.14	5.90	7.05	1.66	5.73	12.61	7.48
Oklahoma	—	1.32	1.32	7.87	3.75	7.23	6.91	11.65	19.00	10.44	4.25	6.83	7.11	1.57	6.92	12.57	7.75
Oregon	—	—	—	5.92	3.72	6.89	6.57	12.78	19.00	12.62	4.08	2.27	5.52	1.61	5.21	12.34	6.90
Pennsylvania	1.73	1.57	1.68	6.81	4.15	6.95	6.76	13.00	19.00	11.39	3.92	6.80	7.55	1.69	4.77	17.27	7.25
Rhode Island	—	—	—	6.42	4.87	7.41	6.74	13.02	19.00	12.33	4.77	13.70	8.17	1.65	7.18	28.70	13.41
South Carolina	—	1.88	1.88	5.35	3.84	6.87	6.93	12.54	19.00	10.36	3.76	3.26	5.92	1.62	4.19	11.32	6.39
South Dakota	—	1.10	1.10	6.11	4.42	7.20	7.32	11.59	19.00	11.64	4.23	19.26	7.24	1.62	5.95	13.06	6.95
Tennessee	—	1.48	1.48	6.61	4.29	7.34	7.33	11.82	19.00	10.65	5.01	4.29	6.04	1.61	4.42	12.08	6.18
Texas	—	1.37	1.37	4.31	3.80	6.62	5.48	6.72	19.00	10.66	3.08	5.94	6.56	1.57	5.41	15.57	6.09
Utah	1.73	1.20	1.46	5.03	3.40	6.84	7.04	13.25	19.00	11.63	—	19.26	7.06	1.62	3.87	10.35	5.06
Vermont	—	—	—	4.96	4.88	7.38	6.62	12.78	19.00	12.04	4.50	—	7.82	1.68	6.37	23.12	11.79
Virginia	1.73	1.76	1.75	5.77	3.82	6.83	6.89	12.48	19.00	11.25	3.75	6.94	6.71	1.59	4.19	12.21	5.63
Washington	—	2.40	2.40	4.85	3.52	7.19	7.00	13.61	19.00	12.18	3.59	1.91	4.33	1.59	4.00	13.13	5.82
West Virginia	1.73	1.40	1.56	4.46	3.79	7.15	8.42	12.66	19.00	11.48	5.32	3.26	6.17	1.64	3.50	10.96	4.84
Wisconsin	—	1.80	1.80	7.44	4.15	7.40	7.06	11.70	19.00	12.03	3.66	6.14	6.80	1.64	5.84	12.80	7.07
Wyoming	—	1.27	1.27	6.00	3.53	6.79	6.99	13.15	19.00	11.36	2.85	6.07	6.76	—	4.76	10.07	5.79
United States	1.74	1.57	1.63	5.68	3.99	7.00	6.39	7.74	19.00	11.32	3.85	5.67	6.75	1.59	5.31	14.75	6.78

[a] Liquefied petroleum gases.
[b] State prices are not available. The U.S. average price is assigned to all States.
[c] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[d] There are no direct fuel costs for hydroelectric or geothermal energy. The U.S. average includes coal coke net imports, which are not included in the States.

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

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

Table S4b. Industrial Sector Energy Expenditure Estimates by Source, 2001
(Million Nominal Dollars)

State	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
Alabama	81.1	93.5	174.5	846.1	123.8	120.9	0.4	58.9	55.8	55.3	16.4	56.1	487.5	209.1	1,717.2	1,109.7	2,826.9
Alaska	—	(s)	(s)	51.1	47.4	126.4	(s)	0.2	2.3	5.2	(s)	—	181.5	0.1	232.7	77.5	310.3
Arizona	—	28.0	28.0	132.3	58.9	175.8	0.1	12.1	29.1	54.9	0.6	46.5	378.0	0.7	538.9	596.6	1,135.5
Arkansas	—	19.4	19.4	678.8	13.4	174.5	0.7	65.8	29.5	51.7	4.0	166.1	505.8	83.3	1,287.4	680.3	1,967.7
California	—	75.4	75.4	3,888.4	491.2	886.1	1.7	234.1	231.7	288.8	0.2	215.3	2,349.2	60.8	6,373.8	4,301.9	10,675.7
Colorado	—	8.5	8.5	216.9	58.0	131.7	0.2	156.0	26.3	74.3	(s)	17.8	464.3	0.7	690.4	464.5	1,154.9
Connecticut	—	—	—	176.1	23.1	40.0	2.8	32.5	22.9	34.7	15.2	112.2	283.4	1.5	461.1	424.8	885.9
Delaware	—	6.4	6.4	128.9	18.9	21.5	0.2	10.8	8.3	6.0	14.4	49.8	130.0	0.2	265.4	159.9	425.3
Dist. of Col.	—	—	—	—	0.7	1.4	—	0.2	0.8	8.9	—	—	11.9	—	11.9	13.5	25.4
Florida	—	54.1	54.1	661.1	134.3	275.4	4.9	116.5	66.6	128.1	65.7	271.5	1,062.9	111.3	1,889.3	1,002.1	2,891.4
Georgia	—	96.6	96.6	761.7	145.9	306.0	1.0	117.8	69.6	117.3	10.3	189.3	957.2	211.3	2,026.7	1,414.1	3,440.9
Hawaii	—	4.4	4.4	5.3	8.4	18.8	(s)	2.2	2.2	9.5	(s)	1.0	42.0	4.9	56.7	417.5	474.2
Idaho	—	18.6	18.6	195.7	42.3	103.4	0.1	4.1	4.8	33.8	0.4	2.1	191.0	35.9	441.2	270.9	712.1
Illinois	81.0	98.6	179.6	1,812.1	254.7	328.3	2.9	564.8	215.8	133.4	4.1	368.7	1,872.8	7.0	3,871.5	1,815.7	5,687.2
Indiana	392.0	189.5	581.5	1,938.9	152.7	245.2	2.0	74.8	120.8	62.3	5.0	246.4	909.1	7.2	3,436.6	1,680.5	5,117.1
Iowa	—	83.9	83.9	599.8	54.2	288.4	1.8	508.9	21.1	69.6	0.9	69.4	1,014.2	9.2	1,707.2	679.2	2,386.5
Kansas	—	5.8	5.8	432.3	134.7	207.1	0.8	368.2	44.9	56.4	2.9	70.0	885.0	1.3	1,324.5	467.6	1,792.1
Kentucky	43.3	62.5	105.8	586.0	94.9	227.9	3.3	323.1	59.4	101.1	1.4	582.5	1,393.5	2.7	2,088.1	1,144.2	3,232.3
Louisiana	—	2.7	2.7	3,152.9	38.0	458.8	34.8	1,740.7	140.8	64.6	19.1	202.0	2,698.8	168.3	6,022.8	1,464.2	7,487.0
Maine	—	6.9	6.9	87.4	18.0	34.6	1.2	9.2	7.1	13.7	106.8	30.3	221.0	120.2	435.5	224.5	660.0
Maryland	—	47.8	47.8	248.6	110.9	90.5	2.9	29.4	45.6	50.5	13.3	102.6	445.6	2.4	744.4	425.8	1,170.2
Massachusetts	—	3.0	3.0	759.9	58.8	50.1	1.2	39.7	41.6	57.7	58.6	141.5	449.1	3.0	1,215.1	914.5	2,129.6
Michigan	88.6	87.8	176.4	1,011.7	152.2	149.1	1.9	102.2	197.9	107.3	3.6	376.9	1,091.0	41.4	2,320.6	1,675.8	3,996.3
Minnesota	—	40.8	40.8	453.1	167.7	227.9	0.6	141.7	35.7	92.8	7.1	28.1	701.6	44.6	1,240.1	894.8	2,134.9
Mississippi	—	6.3	6.3	498.3	54.5	143.2	0.9	64.3	37.5	59.3	3.9	49.5	413.1	76.6	994.3	616.7	1,611.0
Missouri	—	34.1	34.1	508.2	143.0	173.5	0.7	86.2	73.9	100.0	2.7	96.0	676.0	1.0	1,219.2	694.8	1,914.0
Montana	—	4.2	4.2	97.6	21.6	72.5	0.5	12.4	5.6	35.3	(s)	19.0	166.9	14.7	283.3	205.8	489.1
Nebraska	—	11.6	11.6	235.7	24.3	218.9	0.3	70.6	4.5	56.8	2.7	2.2	380.3	0.6	628.1	275.8	903.9
Nevada	—	7.4	7.4	71.7	23.1	102.8	(s)	28.3	2.8	28.8	—	1.1	186.9	—	266.0	696.0	962.0
New Hampshire	—	—	—	68.8	7.5	24.4	0.7	16.2	2.6	18.4	14.6	61.2	145.6	5.1	219.5	226.2	445.7
New Jersey	—	0.2	0.2	540.1	263.6	90.3	16.8	239.2	182.7	56.0	6.9	339.0	1,194.6	2.1	1,737.0	994.7	2,731.7
New Mexico	—	2.1	2.1	137.8	18.0	82.8	0.3	7.7	13.0	36.8	1.7	64.2	224.5	0.3	364.7	263.8	628.5
New York	50.1	65.9	116.0	651.7	155.2	114.7	6.9	71.9	113.2	104.6	39.5	542.1	1,148.1	20.0	1,935.7	1,361.4	3,297.1
North Carolina	—	76.8	76.8	621.0	132.8	185.5	1.3	241.2	62.9	113.6	81.7	305.3	1,124.2	104.4	1,926.3	1,487.2	3,413.6
North Dakota	—	168.1	168.1	86.7	38.1	144.6	0.1	127.1	2.9	31.7	0.3	—	344.8	0.6	600.2	106.6	706.8
Ohio	62.4	89.7	152.1	1,833.2	330.4	240.7	8.9	187.4	263.9	113.0	9.6	372.6	1,526.4	28.8	3,540.6	2,670.9	6,211.5
Oklahoma	—	20.0	20.0	1,211.0	109.5	158.6	1.4	96.0	63.8	69.0	3.5	37.1	538.9	22.2	1,792.1	557.2	2,349.3
Oregon	—	—	—	424.8	54.0	121.2	2.1	7.9	24.4	53.0	3.4	33.8	299.9	30.1	754.8	551.1	1,305.9
Pennsylvania	292.2	129.5	421.6	1,328.4	239.5	237.3	10.7	108.9	303.7	80.9	18.8	193.6	1,193.4	32.0	2,975.4	2,656.8	5,632.2
Rhode Island	—	—	—	40.5	6.4	5.2	(s)	6.8	6.8	5.3	6.1	2.6	39.1	(s)	79.6	129.7	209.3
South Carolina	—	99.8	99.8	442.2	64.3	98.3	4.9	79.7	31.1	43.8	40.2	47.7	410.0	58.5	1,010.4	1,217.6	2,228.0
South Dakota	—	7.0	7.0	25.6	31.0	83.0	0.1	18.4	0.4	38.2	2.7	1.0	174.8	0.3	207.8	74.3	282.0
Tennessee	—	136.5	136.5	771.4	163.9	111.8	4.0	53.6	62.2	53.0	1.8	108.5	558.7	76.0	1,542.6	1,256.3	2,798.9
Texas	—	104.2	104.2	7,893.8	295.6	803.3	14.3	9,122.2	378.0	257.2	10.1	3,373.9	14,254.6	73.1	22,325.7	4,669.6	26,995.3
Utah	41.5	30.5	71.9	153.4	32.5	71.7	0.3	35.7	11.7	30.3	—	2.2	184.3	0.2	409.9	248.8	658.7
Vermont	—	—	—	13.0	9.6	15.7	1.7	14.0	1.7	10.7	4.2	—	57.6	2.5	73.1	126.9	200.0
Virginia	44.9	108.3	153.2	365.8	107.8	197.9	2.5	47.1	46.5	80.7	13.7	142.9	639.2	78.3	1,236.5	788.8	2,025.3
Washington	—	7.0	7.0	338.9	80.0	148.8	1.0	161.2	22.2	66.0	0.1	166.2	645.5	68.3	1,059.7	867.2	1,926.9
West Virginia	69.7	57.5	127.2	174.2	18.2	129.1	0.6	9.9	46.3	18.9	3.6	57.1	283.7	1.4	586.5	399.2	985.7
Wisconsin	—	70.0	70.0	944.9	164.5	418.5	2.0	110.7	54.7	74.3	6.4	355.4	1,186.5	83.4	2,284.8	1,075.9	3,360.7
Wyoming	—	42.2	42.2	201.4	25.6	171.5	0.1	18.8	6.3	25.2	0.1	2.9	250.6	—	494.2	251.5	745.6
United States	1,246.7	2,312.7	3,559.4	38,505.4	5,017.6	9,055.3	148.3	15,757.1	3,305.9	3,338.6	628.7	9,723.2	46,974.7	1,907.6	91,028.6	46,791.0	137,819.6

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric or geothermal energy. The U.S. total includes $82 million for coal coke net imports, which are not included in the States.
— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table S5a. Transportation Sector Energy Price Estimates by Source, 2001
(Nominal Dollars per Million Btu)

State	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline [a]	Distillate Fuel	Jet Fuel	LPG [b]	Lubricants [a]	Motor Gasoline	Residual Fuel	Total	Total		
Alabama	—	8.62	11.01	9.61	5.82	15.38	19.00	10.59	3.48	10.17	10.17	—	10.17
Alaska	—	3.99	11.01	11.43	5.97	14.56	19.00	13.09	2.65	7.93	7.93	—	7.93
Arizona	—	6.72	11.01	10.46	5.93	17.18	19.00	11.54	—	10.65	10.64	—	10.64
Arkansas	—	7.65	11.01	9.63	5.48	13.14	19.00	10.60	—	10.24	10.24	—	10.24
California	—	6.41	11.01	10.44	5.83	15.44	19.00	12.23	5.29	10.46	10.45	22.81	10.46
Colorado	—	4.25	11.01	10.62	5.93	16.34	19.00	12.17	—	11.17	11.16	24.51	11.16
Connecticut	—	8.64	11.01	10.26	6.04	13.18	19.00	12.45	3.22	11.76	11.75	—	11.75
Delaware	—	3.99	11.01	10.50	5.87	16.08	19.00	11.68	3.47	10.48	10.48	—	10.48
Dist. of Col.	—	5.01	11.01	9.48	—	15.81	19.00	13.57	3.41	12.80	12.77	26.86	13.14
Florida	—	8.13	11.01	10.20	5.73	15.80	19.00	10.37	3.25	9.52	9.52	22.28	9.52
Georgia	—	6.32	11.01	8.66	5.63	14.64	19.00	9.63	3.23	9.15	9.14	25.08	9.15
Hawaii	—	—	11.01	12.57	5.87	16.19	19.00	14.91	4.38	9.88	9.88	—	9.88
Idaho	—	4.05	11.01	10.76	6.89	16.02	19.00	11.55	—	11.20	11.20	—	11.20
Illinois	—	5.26	11.01	10.60	5.68	16.84	19.00	12.25	5.09	11.22	11.22	15.92	11.23
Indiana	—	8.37	11.01	9.44	5.78	14.15	19.00	11.00	3.54	10.10	10.09	26.56	10.10
Iowa	—	5.99	11.01	9.89	6.27	16.99	19.00	11.12	—	10.80	10.80	16.43	10.80
Kansas	—	6.92	11.01	9.89	6.15	16.92	19.00	11.17	3.22	10.70	10.70	—	10.70
Kentucky	—	7.50	11.01	9.61	5.63	16.28	19.00	11.29	3.48	10.37	10.36	—	10.36
Louisiana	—	7.92	11.01	9.61	5.46	15.25	19.00	10.67	4.47	8.45	8.45	24.72	8.45
Maine	—	5.86	11.01	10.61	5.88	15.95	19.00	12.20	3.09	11.35	11.35	32.19	11.35
Maryland	—	5.21	11.01	10.25	5.87	16.28	19.00	12.30	3.26	11.60	11.60	31.07	11.63
Massachusetts	—	6.58	11.01	10.96	5.80	14.37	19.00	12.14	3.77	11.41	11.41	41.57	11.47
Michigan	—	3.20	11.01	9.98	5.80	16.28	19.00	11.22	3.45	10.86	10.86	30.57	10.86
Minnesota	—	4.96	11.01	10.60	5.83	16.28	19.00	12.16	3.02	11.04	11.04	—	11.04
Mississippi	—	7.68	11.01	9.46	5.42	15.38	19.00	10.49	3.48	9.36	9.36	—	9.36
Missouri	—	6.67	11.01	9.59	5.65	16.56	19.00	11.00	3.02	10.33	10.33	17.82	10.33
Montana	—	6.57	11.01	10.78	7.07	13.56	19.00	12.40	—	11.65	11.65	—	11.65
Nebraska	—	6.51	11.01	9.92	5.94	17.50	19.00	11.44	—	10.84	10.84	—	10.84
Nevada	—	14.32	11.01	10.65	5.99	17.77	19.00	12.15	—	10.46	10.47	—	10.47
New Hampshire	—	6.48	11.01	10.40	5.61	—	19.00	11.82	—	11.34	11.34	—	11.34
New Jersey	—	8.15	11.01	9.28	5.70	13.87	19.00	11.18	3.67	9.18	9.18	33.73	9.20
New Mexico	—	6.09	11.01	10.12	5.88	13.93	19.00	11.21	—	10.43	10.43	—	10.43
New York	—	6.47	11.01	10.52	5.79	14.23	19.00	11.53	3.17	10.74	10.73	26.14	10.88
North Carolina	—	8.95	11.01	9.70	5.77	16.71	19.00	10.80	3.23	10.35	10.35	—	10.35
North Dakota	—	6.14	11.01	10.53	6.50	17.13	19.00	11.56	—	10.98	10.98	—	10.98
Ohio	—	9.73	11.01	10.17	5.85	17.27	19.00	11.58	3.54	10.68	10.68	17.52	10.68
Oklahoma	—	6.42	11.01	8.93	5.96	16.56	19.00	10.44	—	9.51	9.51	—	9.51
Oregon	—	4.96	11.01	10.95	5.86	18.06	19.00	12.62	5.29	11.42	11.42	21.49	11.43
Pennsylvania	—	8.19	11.01	10.84	5.59	15.68	19.00	11.39	3.00	10.55	10.55	33.87	10.58
Rhode Island	—	7.36	11.01	11.42	5.92	17.00	19.00	12.33	—	11.53	11.53	—	11.53
South Carolina	—	7.38	11.01	9.31	6.06	15.80	19.00	10.36	3.23	10.00	10.00	—	10.00
South Dakota	—	6.68	11.01	10.15	6.66	16.99	19.00	11.64	—	10.97	10.97	—	10.97
Tennessee	—	7.55	11.01	9.12	5.58	16.14	19.00	10.65	3.48	9.69	9.69	25.88	9.69
Texas	—	7.76	11.01	9.60	5.47	15.12	19.00	10.66	4.47	8.96	8.96	21.93	8.96
Utah	—	6.88	11.01	10.26	6.61	16.89	19.00	11.63	—	10.40	10.39	13.29	10.39
Vermont	—	6.80	11.01	11.16	6.53	13.18	19.00	12.04	—	11.84	11.84	—	11.84
Virginia	—	5.67	11.01	9.22	5.74	15.80	19.00	11.25	3.06	10.32	10.31	15.14	10.32
Washington	—	3.89	11.01	10.92	5.70	14.56	19.00	12.18	5.29	10.19	10.18	13.75	10.18
West Virginia	—	4.46	11.01	10.96	6.53	17.11	19.00	11.48	—	11.35	11.34	—	11.34
Wisconsin	—	5.30	11.01	10.90	6.03	17.18	19.00	12.03	3.54	11.60	11.60	22.53	11.60
Wyoming	—	8.10	11.01	10.00	6.43	13.56	19.00	11.36	—	10.58	10.58	—	10.58
United States	—	6.89	11.01	9.98	5.72	15.80	19.00	11.35	4.38	10.20	10.20	26.19	10.21

[a] State prices are not available. The U.S. average price is assigned to all States.
[b] Liquefied petroleum gases.
— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table S5b. Transportation Sector Energy Expenditure Estimates by Source, 2001
(Million Nominal Dollars)

State	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
Alabama	—	0.7	4.6	1,047.1	77.3	0.6	53.5	3,127.7	15.8	4,326.6	4,327.3	—	4,327.3
Alaska	—	0.1	13.6	358.4	821.5	0.1	10.4	383.8	0.9	1,588.7	1,588.7	—	1,588.7
Arizona	—	6.3	10.6	977.9	333.5	0.7	38.2	3,459.1	—	4,820.1	4,826.4	—	4,826.4
Arkansas	—	1.0	10.1	876.6	32.2	4.2	47.6	1,783.3	—	2,754.1	2,755.0	—	2,755.0
California	—	17.7	29.8	4,329.3	3,213.4	21.8	308.9	22,121.6	819.0	30,843.8	30,861.5	51.4	30,912.8
Colorado	—	2.5	15.0	806.3	259.3	3.5	44.3	3,071.1	—	4,199.6	4,202.1	1.0	4,203.0
Connecticut	—	1.3	4.3	399.4	80.7	4.4	27.3	2,244.5	0.2	2,760.8	2,762.1	—	2,762.1
Delaware	—	0.2	3.4	84.6	4.3	(s)	7.0	558.0	28.5	685.9	686.1	—	686.1
Dist. of Col.	—	0.4	0.1	45.9	—	(s)	5.9	248.3	(s)	300.3	300.7	17.0	317.6
Florida	—	4.1	26.8	2,165.3	996.6	17.9	88.7	9,638.4	173.4	13,107.2	13,111.3	5.0	13,116.3
Georgia	—	3.4	5.1	1,788.6	316.1	6.3	68.0	5,577.9	13.2	7,775.2	7,778.6	9.0	7,787.6
Hawaii	—	—	2.7	179.7	295.9	—	8.2	744.1	73.2	1,303.8	1,303.8	—	1,303.8
Idaho	—	0.2	3.1	366.6	28.3	0.2	15.2	873.0	—	1,286.4	1,286.6	—	1,286.6
Illinois	—	1.7	6.3	1,988.9	601.3	6.8	166.8	7,583.1	4.3	10,357.5	10,359.2	24.8	10,384.0
Indiana	—	2.9	3.7	1,316.5	385.3	3.7	76.2	4,234.3	3.8	6,023.7	6,026.6	1.5	6,028.1
Iowa	—	0.3	3.2	697.9	27.6	5.0	57.5	2,028.3	—	2,819.5	2,819.8	(s)	2,819.8
Kansas	—	0.1	10.9	553.4	78.7	3.5	66.5	1,702.6	(s)	2,415.6	2,415.6	—	2,415.6
Kentucky	—	0.6	5.0	1,319.7	191.6	3.8	57.1	2,911.0	(s)	4,488.1	4,488.7	—	4,488.7
Louisiana	—	0.8	15.9	1,644.1	1,066.7	0.9	79.4	2,856.5	287.6	5,951.0	5,951.8	0.2	5,952.0
Maine	—	(s)	3.2	255.0	23.7	(s)	14.5	894.2	10.6	1,201.3	1,201.3	(s)	1,201.3
Maryland	—	1.0	5.8	747.1	97.5	0.4	34.2	3,746.2	12.5	4,643.8	4,644.8	18.5	4,663.3
Massachusetts	—	0.9	4.4	669.1	230.3	2.1	51.1	4,071.0	6.8	5,034.8	5,035.7	34.9	5,070.6
Michigan	—	0.8	4.4	1,248.1	204.5	8.9	162.8	6,852.2	1.5	8,482.4	8,483.3	0.6	8,483.8
Minnesota	—	0.3	5.3	1,001.5	383.0	0.8	87.7	3,848.3	3.4	5,329.9	5,330.3	—	5,330.3
Mississippi	—	0.1	5.9	711.1	258.6	1.3	34.7	1,931.9	28.2	2,971.6	2,971.8	—	2,971.8
Missouri	—	0.8	8.1	1,313.8	240.1	15.7	102.7	4,034.9	0.1	5,715.5	5,716.2	1.2	5,717.4
Montana	—	0.4	6.0	389.2	30.3	1.0	21.6	715.7	—	1,163.9	1,164.3	—	1,164.3
Nebraska	—	0.3	4.8	500.0	37.5	1.9	38.3	1,145.7	—	1,728.3	1,728.6	—	1,728.6
Nevada	—	6.8	4.9	404.9	285.9	9.2	9.2	1,418.6	—	2,132.7	2,139.4	—	2,139.4
New Hampshire	—	(s)	3.5	145.3	28.0	—	6.6	971.8	—	1,155.2	1,155.3	—	1,155.3
New Jersey	—	2.5	3.4	1,187.6	1,098.0	1.9	78.5	5,423.9	239.9	8,033.2	8,035.7	27.3	8,062.9
New Mexico	—	0.8	4.4	579.2	102.2	1.8	23.5	1,226.0	—	1,937.2	1,938.1	—	1,938.1
New York	—	6.2	13.8	1,440.8	481.3	1.3	117.2	7,913.8	63.9	10,032.1	10,038.3	236.0	10,274.3
North Carolina	—	0.5	8.4	1,403.1	198.0	3.5	69.9	5,425.4	2.1	7,110.4	7,110.9	—	7,110.9
North Dakota	—	0.4	4.8	284.1	27.7	0.5	16.7	478.3	—	812.0	812.4	—	812.4
Ohio	—	5.3	8.2	2,283.5	616.5	12.5	157.0	7,199.0	1.5	10,278.2	10,283.6	2.6	10,286.1
Oklahoma	—	5.1	4.5	1,591.1	237.8	3.9	85.6	2,269.2	—	4,192.1	4,197.2	—	4,197.2
Oregon	—	0.3	12.6	762.6	173.3	1.4	58.4	2,321.6	39.1	3,369.0	3,369.3	2.5	3,371.8
Pennsylvania	—	3.6	6.8	2,237.7	597.8	5.0	144.6	7,060.3	46.2	10,098.3	10,101.9	47.7	10,149.5
Rhode Island	—	0.3	0.8	92.8	43.8	0.1	7.7	609.5	—	754.7	755.0	—	755.0
South Carolina	—	0.2	4.0	832.2	63.6	2.1	28.7	2,859.0	5.7	3,795.3	3,795.4	—	3,795.4
South Dakota	—	0.1	2.3	213.7	36.5	0.8	17.2	578.8	—	849.3	849.4	—	849.4
Tennessee	—	0.6	3.3	1,273.3	397.3	0.8	74.5	3,738.6	0.1	5,487.8	5,488.4	0.2	5,488.6
Texas	—	9.6	26.0	5,140.9	3,497.8	32.0	210.4	13,977.8	451.7	23,336.6	23,346.3	2.5	23,348.8
Utah	—	7.1	4.2	510.0	258.0	3.4	21.3	1,361.8	—	2,158.8	2,165.9	0.5	2,166.4
Vermont	—	(s)	2.4	109.9	4.5	(s)	5.7	492.2	—	614.7	614.7	—	614.7
Virginia	—	1.5	9.2	1,322.4	324.9	0.5	58.4	5,235.4	20.1	6,970.8	6,972.3	5.0	6,977.4
Washington	—	1.1	8.2	1,076.9	705.5	1.3	55.2	3,954.1	208.6	6,009.8	6,010.9	0.9	6,011.9
West Virginia	—	1.0	1.9	513.3	7.1	(s)	27.6	1,158.7	—	1,708.6	1,709.7	—	1,709.7
Wisconsin	—	1.1	13.1	1,078.6	88.6	6.1	57.6	3,610.3	0.1	4,854.4	4,855.4	(s)	4,855.4
Wyoming	—	0.1	11.6	534.3	12.1	0.2	16.6	451.5	—	1,026.3	1,026.4	—	1,026.4
United States	—	103.0	384.6	52,799.4	19,602.0	204.2	3,122.4	182,122.2	2,562.1	260,796.9	260,899.8	490.0	261,389.9

[a] Liquefied petroleum gases.
— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table S6a. Electric Power Sector Energy Price Estimates by Source, 2001
(Nominal Dollars per Million Btu)

State	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports [a]	Electricity Exports [a]	Total Energy [b]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
Alabama	1.41	5.05	—	5.52	—	5.52	0.46	0.47	—	—	1.38
Alaska	1.92	2.36	2.96	9.86	—	5.05	—	—	3.29	—	2.79
Arizona	1.25	4.60	5.50	8.11	—	7.18	0.46	([c])	3.29	—	1.52
Arkansas	0.87	4.29	4.83	6.26	—	4.91	0.51	—	—	—	1.03
California	1.11	9.28	5.95	6.32	0.53	2.61	0.43	1.66	3.29	3.82	6.57
Colorado	0.92	3.75	5.50	7.21	—	7.21	—	0.47	3.29	—	1.48
Connecticut	1.67	3.40	3.37	5.79	—	3.40	0.44	([c])	3.29	—	1.37
Delaware	2.17	4.27	3.80	4.99	—	3.90	—	—	—	—	3.08
Dist. of Col.	—	—	3.56	6.07	—	3.92	—	—	—	—	3.92
Florida	1.72	4.53	3.57	5.65	0.78	3.47	0.41	0.72	—	—	2.42
Georgia	1.66	3.28	3.56	6.68	—	5.95	0.44	0.47	—	—	1.34
Hawaii	1.11	—	4.90	6.77	—	5.28	—	0.47	—	—	4.44
Idaho	—	5.16	—	7.72	—	7.72	—	0.47	3.29	3.82	4.87
Illinois	1.19	3.68	5.37	6.48	—	5.47	0.40	0.71	—	—	0.89
Indiana	1.14	5.07	3.90	5.69	0.69	3.28	—	0.47	—	—	1.20
Iowa	0.81	4.77	—	6.17	—	6.17	0.62	0.22	3.29	—	0.86
Kansas	1.05	3.58	3.20	6.02	—	3.64	0.44	—	—	—	1.07
Kentucky	1.10	4.59	—	5.67	—	5.67	—	—	—	—	1.13
Louisiana	1.31	4.13	4.83	6.02	1.57	3.26	0.48	0.47	—	—	2.21
Maine	1.67	3.40	3.37	5.79	—	3.38	—	0.47	3.29	3.82	2.66
Maryland	1.57	7.59	3.56	6.07	—	3.97	0.45	0.47	3.29	—	1.61
Massachusetts	1.67	3.47	4.20	5.81	—	4.24	0.40	0.47	3.29	—	2.44
Michigan	1.27	3.77	3.81	5.84	0.81	4.27	0.48	0.75	3.29	3.82	1.36
Minnesota	1.02	5.21	3.20	6.68	0.39	1.50	0.47	0.55	3.29	3.82	1.10
Mississippi	1.63	3.45	3.75	5.68	—	3.76	0.40	—	—	—	2.15
Missouri	0.96	4.67	3.20	6.06	0.67	2.00	0.38	0.68	—	—	1.07
Montana	0.95	6.66	—	7.72	1.00	1.01	—	—	—	3.82	0.96
Nebraska	0.57	4.28	3.20	6.56	—	6.53	0.62	0.47	—	—	0.64
Nevada	1.26	8.03	5.50	5.85	—	5.51	—	—	—	—	3.89
New Hampshire	1.67	2.39	3.29	5.74	—	3.39	0.44	0.47	3.29	—	0.90
New Jersey	2.27	3.36	3.93	5.74	—	4.83	0.45	0.47	—	—	1.54
New Mexico	1.47	4.15	5.50	6.31	—	6.20	—	0.47	—	—	1.85
New York	1.42	4.05	3.50	5.05	0.80	3.65	0.43	0.47	3.29	3.82	2.15
North Carolina	1.59	4.35	—	5.84	—	5.84	0.43	0.47	—	—	1.24
North Dakota	0.74	6.87	—	6.39	—	6.39	—	—	3.29	3.82	0.76
Ohio	1.31	7.97	3.90	6.01	—	5.97	0.41	0.47	—	—	1.27
Oklahoma	0.91	4.48	4.83	6.33	—	6.32	—	—	—	—	2.10
Oregon	1.11	3.75	—	6.36	—	6.36	—	0.47	3.29	3.82	2.77
Pennsylvania	1.21	8.51	3.32	6.19	0.80	3.80	0.43	0.47	—	—	1.03
Rhode Island	—	3.40	—	5.79	—	5.79	—	0.47	3.29	—	3.34
South Carolina	1.57	2.57	3.56	5.85	—	5.42	0.41	—	—	—	0.92
South Dakota	1.03	4.15	—	6.18	—	6.18	—	—	3.29	—	1.44
Tennessee	1.22	3.70	—	5.54	—	5.54	0.39	0.47	—	—	0.98
Texas	1.33	4.21	4.83	6.80	1.57	4.63	0.41	0.47	3.29	3.82	2.57
Utah	1.12	4.64	—	6.34	—	6.34	—	0.47	—	—	1.29
Vermont	—	4.78	—	5.79	—	5.79	0.40	2.80	3.29	—	1.08
Virginia	1.59	4.38	3.38	6.12	—	3.84	0.44	0.47	—	—	1.44
Washington	1.11	7.42	—	6.35	—	6.35	0.50	1.83	3.29	3.82	2.90
West Virginia	1.25	6.46	—	6.66	—	6.66	—	0.42	—	—	1.28
Wisconsin	1.05	4.73	3.90	6.44	0.86	3.62	0.52	0.65	—	—	1.09
Wyoming	0.77	3.82	—	7.07	—	7.07	—	—	—	—	0.79
United States	1.25	5.22	3.78	6.16	0.97	3.87	0.44	0.71	3.29	3.82	1.78

[a] State prices are not available. The US average price is assigned to all States.
[b] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[c] Electric power plants used waste at no charge.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table S6b. Electric Power Sector Energy Expenditure Estimates by Source, 2001
(Million Nominal Dollars)

State	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
Alabama	1,043.9	362.0	—	17.4	—	17.4	147.4	1.7	—	—	1,572.4
Alaska	16.4	77.2	19.7	28.4	—	48.0	—	—	(s)	—	141.7
Arizona	511.5	607.9	7.8	20.5	—	28.3	138.3	([b])	0.6	—	1,286.7
Arkansas	230.1	116.1	40.7	3.0	—	43.7	79.0	—	—	—	468.9
California	23.4	9,277.6	18.4	50.5	10.3	79.1	150.3	106.6	38.4	4.8	9,670.7
Colorado	356.5	337.9	(s)	14.2	—	14.2	—	0.2	0.4	—	709.2
Connecticut	66.7	110.7	174.9	3.4	—	178.4	70.7	([b])	4.6	—	431.1
Delaware	73.4	67.0	51.6	6.4	—	58.0	—	—	—	—	198.5
Dist. of Col.	—	—	6.3	1.8	—	8.2	—	—	—	—	8.2
Florida	1,193.0	1,767.5	1,298.7	92.9	21.7	1,413.3	133.9	40.5	—	—	4,548.1
Georgia	1,196.5	115.8	3.4	21.1	—	24.6	155.8	0.1	—	—	1,492.8
Hawaii	17.5	—	326.8	117.2	—	444.0	—	2.2	—	—	463.7
Idaho	—	55.6	—	0.3	—	0.3	—	0.3	0.1	0.1	56.2
Illinois	1,033.4	176.2	90.3	10.9	—	101.2	389.4	6.8	—	—	1,707.1
Indiana	1,374.8	91.9	(s)	12.8	1.4	14.2	—	0.5	—	—	1,481.5
Iowa	307.7	27.8	—	7.9	—	7.9	25.0	0.2	0.1	—	368.7
Kansas	367.5	84.1	19.7	6.8	—	26.4	47.1	—	—	—	525.1
Kentucky	1,041.9	20.9	—	7.4	—	7.4	—	—	—	—	1,070.2
Louisiana	311.5	1,045.3	71.7	22.9	31.2	125.8	87.4	0.4	—	—	1,570.5
Maine	7.7	281.0	39.4	0.3	—	39.7	—	15.9	52.6	1.0	395.9
Maryland	445.1	137.4	102.6	34.5	—	137.1	63.6	5.7	0.4	—	789.3
Massachusetts	179.2	347.0	353.5	11.0	—	364.5	21.6	16.2	8.8	—	937.2
Michigan	880.3	497.0	27.5	12.6	(s)	40.1	132.9	20.7	0.8	28.3	1,543.5
Minnesota	334.7	56.5	1.0	7.7	2.3	11.1	57.3	4.7	99.6	7.8	556.1
Mississippi	318.0	529.9	196.8	1.6	—	198.4	41.1	—	—	—	1,087.4
Missouri	659.0	168.4	(s)	11.0	3.7	14.8	33.2	0.4	—	—	875.6
Montana	172.5	1.1	—	0.1	8.6	8.7	—	—	—	(s)	182.3
Nebraska	122.4	18.7	(s)	2.4	—	2.4	56.6	0.1	—	—	200.1
Nevada	231.8	893.5	72.3	1.2	—	73.5	—	—	—	—	1,198.8
New Hampshire	66.9	1.4	16.4	1.3	—	17.7	39.8	6.9	4.6	—	137.3
New Jersey	254.6	444.7	31.1	44.9	—	76.0	143.3	11.1	—	—	929.7
New Mexico	435.1	199.6	0.3	2.2	—	2.6	—	0.1	—	—	637.4
New York	341.3	1,473.8	552.6	88.4	0.2	641.3	180.7	18.7	133.1	53.2	2,735.8
North Carolina	1,127.1	72.4	—	29.9	—	29.9	171.2	3.2	—	—	1,403.8
North Dakota	240.5	(s)	—	2.4	—	2.4	—	—	17.0	12.3	247.7
Ohio	1,628.2	85.7	0.3	27.5	—	27.8	66.2	0.5	—	—	1,808.3
Oklahoma	327.5	803.6	(s)	9.5	—	9.5	—	—	—	—	1,140.6
Oregon	48.1	316.0	—	6.7	—	6.7	—	2.9	1.7	0.1	375.3
Pennsylvania	1,334.7	199.1	108.0	42.1	0.1	150.2	328.7	16.9	—	—	2,029.6
Rhode Island	—	204.7	—	1.4	—	1.4	—	0.6	4.6	—	211.4
South Carolina	565.5	29.1	1.9	13.6	—	15.5	213.9	—	—	—	824.0
South Dakota	39.0	19.2	—	3.9	—	3.9	—	—	(s)	—	62.0
Tennessee	722.0	9.5	—	28.7	—	28.7	117.7	0.2	—	—	878.2
Texas	1,888.1	6,528.8	18.7	115.8	19.3	153.8	163.3	0.4	(s)	(s)	8,734.5
Utah	380.8	73.4	—	4.0	—	4.0	—	0.6	—	—	458.9
Vermont	—	0.6	—	2.9	—	2.9	17.5	11.0	29.7	—	61.8
Virginia	623.6	149.4	139.0	51.2	—	190.3	119.0	5.1	—	—	1,087.4
Washington	106.6	657.1	—	19.2	—	19.2	43.3	15.9	35.4	106.9	770.6
West Virginia	987.0	17.4	—	16.3	—	16.3	—	0.1	—	—	1,020.8
Wisconsin	471.5	107.4	(s)	7.5	1.0	8.6	62.2	3.8	—	—	653.3
Wyoming	356.2	10.7	—	2.7	—	2.7	—	—	—	—	369.7
United States	24,460.7	28,675.4	3,791.8	1,050.5	99.9	4,942.2	3,497.7	321.3	432.5	214.6	62,115.3

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[b] Electric power plants used waste at no charge.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Price and Expenditure State Ranking Tables

Table R1. Energy Prices and Expenditures Ranked by State, 2001

Rank	Prices		Expenditures		Expenditures per Person	
	State	Dollars per Million Btu	State	Million Dollars	State	Dollars
1	District of Columbia	15.57	California	72,924	Wyoming	4,702
2	Hawaii	15.41	Texas	72,652	Alaska	4,394
3	Massachusetts	14.18	New York	39,903	Louisiana	4,036
4	Vermont	14.08	Florida	31,605	North Dakota	3,525
5	Rhode Island	13.95	Pennsylvania	29,888	Texas	3,404
6	New York	13.41	Illinois	29,386	Oklahoma	2,936
7	Connecticut	13.30	Ohio	29,070	Maine	2,822
8	New Hampshire	13.29	Michigan	21,913	Indiana	2,786
9	California	13.04	New Jersey	20,178	Iowa	2,783
10	Nevada	12.70	Georgia	19,361	Montana	2,741
11	Arizona	12.68	North Carolina	18,865	Arkansas	2,726
12	Florida	12.48	Louisiana	18,026	Kentucky	2,709
13	Maryland	12.09	Indiana	17,066	Vermont	2,709
14	North Carolina	11.43	Virginia	16,290	Kansas	2,623
15	New Mexico	11.24	Massachusetts	15,957	Mississippi	2,610
16	Pennsylvania	11.20	Missouri	13,822	Alabama	2,593
17	Missouri	11.12	Tennessee	13,808	District of Columbia	2,583
18	Delaware	11.11	Wisconsin	13,358	Nebraska	2,567
19	Illinois	11.01	Washington	12,906	Ohio	2,553
20	New Jersey	11.00	Minnesota	12,447	Minnesota	2,497
21	Ohio	10.92	Alabama	11,580	Delaware	2,495
22	Colorado	10.85	Maryland	11,446	Massachusetts	2,493
23	South Dakota	10.82	Kentucky	11,018	New Hampshire	2,485
24	Oregon	10.81	Arizona	10,672	South Dakota	2,481
25	Virginia	10.72	Oklahoma	10,181	Wisconsin	2,471
26	Kansas	10.58	South Carolina	9,867	Missouri	2,452
27	Minnesota	10.43	Colorado	9,279	Nevada	2,448
28	South Carolina	10.41	Iowa	8,160	South Carolina	2,430
29	Wisconsin	10.30	Connecticut	8,062	Pennsylvania	2,430
30	Nebraska	10.25	Mississippi	7,459	Tennessee	2,403
31	Oklahoma	10.24	Oregon	7,411	West Virginia	2,385
32	Montana	10.23	Arkansas	7,340	Idaho	2,378
33	Mississippi	10.13	Kansas	7,082	New Jersey	2,373
34	Georgia	10.08	Nevada	5,127	New Mexico	2,358
35	Maine	10.05	Utah	4,533	Connecticut	2,349
36	Iowa	10.02	Nebraska	4,412	Illinois	2,348
37	Arkansas	9.94	New Mexico	4,313	Georgia	2,306
38	Tennessee	9.92	West Virginia	4,297	North Carolina	2,302
39	Washington	9.89	Maine	3,625	Hawaii	2,295
40	Michigan	9.77	Idaho	3,142	Virginia	2,265
41	Idaho	9.63	New Hampshire	3,128	Michigan	2,190
42	Alabama	9.31	Hawaii	2,812	Rhode Island	2,184
43	Kentucky	9.29	Alaska	2,780	Washington	2,154
44	Utah	9.16	Montana	2,484	Oregon	2,134
45	Texas	8.80	Wyoming	2,322	Maryland	2,126
46	Indiana	8.78	Rhode Island	2,313	California	2,112
47	West Virginia	8.74	North Dakota	2,243	Colorado	2,095
48	Wyoming	8.46	Delaware	1,985	New York	2,092
49	Louisiana	8.19	South Dakota	1,881	Arizona	2,014
50	Alaska	8.12	Vermont	1,660	Utah	1,988
51	North Dakota	7.53	District of Columbia	1,479	Florida	1,932
	United States	10.72	United States	[a] 693,599	United States	2,433

[a] Includes $82 million for coal coke net imports, which are not allocated to the States.
Note: Rankings are based on unrounded data.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table R2. Motor Gasoline Prices and Expenditures Ranked by State, 2001

Rank	Prices		Expenditures		Expenditures per Person	
	State	Dollars per Million Btu	State	Million Dollars	State	Dollars
1	Hawaii	14.91	California	22,426	Wyoming	971
2	District of Columbia	13.57	Texas	14,245	Montana	830
3	Alaska	13.09	Florida	9,780	Vermont	821
4	Oregon	12.62	New York	8,031	South Dakota	816
5	Connecticut	12.45	Illinois	7,733	North Dakota	802
6	Montana	12.40	Ohio	7,325	Minnesota	791
7	Rhode Island	12.33	Pennsylvania	7,149	New Hampshire	787
8	Maryland	12.30	Michigan	6,985	Kentucky	741
9	Illinois	12.25	Georgia	5,699	Virginia	740
10	California	12.23	North Carolina	5,554	Missouri	737
11	Maine	12.20	New Jersey	5,484	Iowa	726
12	Washington	12.18	Virginia	5,323	South Carolina	715
13	Colorado	12.17	Indiana	4,311	Alabama	713
14	Minnesota	12.16	Missouri	4,154	Delaware	711
15	Nevada	12.15	Massachusetts	4,134	Colorado	711
16	Massachusetts	12.14	Washington	4,029	Maine	707
17	Vermont	12.04	Minnesota	3,944	Nebraska	707
18	Wisconsin	12.03	Maryland	3,799	Maryland	706
19	New Hampshire	11.82	Tennessee	3,795	Indiana	704
20	Delaware	11.68	Wisconsin	3,690	Michigan	698
21	South Dakota	11.64	Arizona	3,516	Mississippi	698
22	Utah	11.63	Alabama	3,185	New Mexico	692
23	Ohio	11.58	Colorado	3,148	Nevada	692
24	North Dakota	11.56	Kentucky	3,015	Alaska	688
25	Idaho	11.55	Louisiana	2,974	Idaho	688
26	Arizona	11.54	South Carolina	2,905	Oregon	684
27	New York	11.53	Oregon	2,377	Wisconsin	683
28	West Virginia	11.48	Oklahoma	2,340	Arkansas	682
29	Nebraska	11.44	Connecticut	2,298	Georgia	679
30	Pennsylvania	11.39	Iowa	2,130	North Carolina	678
31	Wyoming	11.36	Mississippi	1,993	Oklahoma	675
32	Kentucky	11.29	Arkansas	1,837	Washington	672
33	Virginia	11.25	Kansas	1,764	Connecticut	669
34	Michigan	11.22	Nevada	1,448	Texas	667
35	New Mexico	11.21	Utah	1,394	Louisiana	666
36	New Jersey	11.18	New Mexico	1,265	Arizona	664
37	Kansas	11.17	Nebraska	1,215	Tennessee	660
38	Iowa	11.12	West Virginia	1,179	West Virginia	654
39	Indiana	11.00	New Hampshire	991	Kansas	653
40	Missouri	11.00	Idaho	909	California	649
41	North Carolina	10.80	Maine	909	Massachusetts	646
42	Louisiana	10.67	Hawaii	754	New Jersey	645
43	Texas	10.66	Montana	752	Ohio	643
44	Tennessee	10.65	South Dakota	619	Illinois	618
45	Arkansas	10.60	Rhode Island	618	Hawaii	616
46	Alabama	10.59	Delaware	566	Utah	611
47	Mississippi	10.49	North Dakota	511	Florida	598
48	Oklahoma	10.44	Vermont	503	Rhode Island	583
49	Florida	10.37	Wyoming	479	Pennsylvania	581
50	South Carolina	10.36	Alaska	435	District of Columbia	480
51	Georgia	9.63	District of Columbia	275	New York	421
	United States	11.35	United States	185,892	United States	652

Note: Rankings are based on unrounded data.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table R3. Petroleum and Natural Gas Prices and Expenditures Ranked by State, 2001

	Petroleum				Natural Gas			
	Prices		Expenditures		Prices		Expenditures	
Rank	State	Dollars per Million Btu	State	Million Dollars	State	Dollars per Million Btu	State	Million Dollars
1	District of Columbia	11.39	Texas	38,720	Hawaii	[a] 16.85	California	20,824
2	Vermont	11.14	California	33,750	District of Columbia	11.97	Texas	17,441
3	Colorado	10.78	Florida	16,036	Maryland	10.03	New York	9,889
4	Rhode Island	10.69	New York	15,374	New Hampshire	9.63	Illinois	7,469
5	Illinois	10.58	Pennsylvania	13,222	Pennsylvania	9.33	Ohio	6,404
6	Michigan	10.49	Illinois	12,676	Missouri	8.83	Pennsylvania	5,736
7	Oregon	10.47	Ohio	12,376	Massachusetts	8.80	Louisiana	4,960
8	Minnesota	10.28	Michigan	10,711	California	8.78	Michigan	4,440
9	Arizona	10.24	New Jersey	10,236	North Carolina	8.56	Indiana	4,122
10	Iowa	10.23	North Carolina	9,167	Indiana	8.35	New Jersey	3,659
11	Maryland	10.20	Georgia	9,072	New York	8.24	Florida	3,195
12	Idaho	10.20	Louisiana	8,991	Virginia	8.23	Massachusetts	3,176
13	Wisconsin	10.20	Virginia	8,523	Nevada	8.08	Oklahoma	3,011
14	New Mexico	10.19	Massachusetts	7,394	Tennessee	8.05	Wisconsin	2,727
15	West Virginia	10.18	Indiana	7,311	Ohio	7.97	Georgia	2,616
16	Nebraska	10.17	Washington	7,014	Illinois	7.90	Missouri	2,531
17	South Dakota	10.07	Missouri	7,005	Wisconsin	7.72	Washington	2,316
18	California	10.06	Wisconsin	6,645	Connecticut	7.68	Minnesota	2,305
19	Ohio	10.04	Minnesota	6,495	Kentucky	7.62	Colorado	2,092
20	Utah	10.03	Tennessee	6,319	Washington	7.59	Alabama	2,077
21	New Hampshire	10.03	Kentucky	6,082	Vermont	7.58	Tennessee	1,971
22	North Dakota	9.96	Maryland	5,777	Georgia	7.56	Virginia	1,917
23	Nevada	9.88	Arizona	5,351	Iowa	7.37	Maryland	1,891
24	Connecticut	9.81	Alabama	5,142	Alabama	7.22	North Carolina	1,786
25	Pennsylvania	9.80	Oklahoma	4,920	Nebraska	7.18	Iowa	1,593
26	Kansas	9.78	Colorado	4,864	Minnesota	7.18	Kansas	1,500
27	Missouri	9.76	South Carolina	4,412	South Dakota	7.15	Mississippi	1,493
28	Massachusetts	9.75	Connecticut	4,273	South Carolina	7.02	Kentucky	1,475
29	North Carolina	9.74	Iowa	4,085	Arkansas	6.92	Nevada	1,447
30	Alabama	9.73	Mississippi	3,886	Idaho	6.88	Arkansas	1,419
31	Arkansas	9.58	Oregon	3,854	Kansas	6.83	Arizona	1,380
32	Wyoming	9.55	Arkansas	3,510	Oklahoma	6.79	Oregon	1,335
33	Montana	9.53	Kansas	3,457	Delaware	6.68	Connecticut	1,125
34	Virginia	9.53	Nevada	2,459	Wyoming	6.61	South Carolina	1,012
35	Indiana	9.41	Utah	2,442	Utah	6.45	Utah	889
36	South Carolina	9.41	New Mexico	2,418	Montana	6.39	Nebraska	869
37	Kentucky	9.24	Nebraska	2,216	Colorado	6.35	New Mexico	769
38	Tennessee	9.24	West Virginia	2,147	New Jersey	6.35	West Virginia	656
39	Oklahoma	9.24	Maine	2,131	North Dakota	6.24	Rhode Island	601
40	Maine	9.17	Alaska	2,071	Arizona	6.19	Idaho	517
41	Washington	9.09	Hawaii	1,849	Rhode Island	6.11	Maine	409
42	New York	9.06	New Hampshire	1,768	West Virginia	6.11	Wyoming	384
43	New Jersey	8.86	Idaho	1,583	New Mexico	5.96	District of Columbia	363
44	Georgia	8.85	Montana	1,408	Oregon	5.96	Montana	343
45	Delaware	8.68	Wyoming	1,339	Florida	5.70	Delaware	338
46	Mississippi	8.64	North Dakota	1,296	Mississippi	5.11	Alaska	250
47	Hawaii	8.23	South Dakota	1,127	Louisiana	5.09	North Dakota	241
48	Florida	8.09	Rhode Island	1,067	Michigan	5.02	New Hampshire	239
49	Alaska	7.93	Delaware	1,020	Texas	4.61	South Dakota	220
50	Texas	7.93	Vermont	991	Maine	4.09	Vermont	61
51	Louisiana	7.73	District of Columbia	381	Alaska	2.58	Hawaii	48
	United States	9.33	United States	336,362	United States	6.87	United States	139,526

[a] Based on small quantities of liquefied natural gas.
Note: Rankings are based on unrounded data.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table R4. Coal and Electricity Prices and Expenditures Ranked by State, 2001

Rank	Coal				Electricity			
	Prices		Expenditures		Prices		Expenditures	
	State	Dollars per Million Btu	State	Million Dollars	State	Dollars per Million Btu	State	Million Dollars
1	Vermont	2.34	Texas	1,993	Hawaii	41.34	California	27,483
2	Rhode Island	2.28	Indiana	1,966	California	34.60	Texas	22,979
3	New Jersey	2.27	Pennsylvania	1,796	New York	34.09	New York	16,449
4	Delaware	2.08	Ohio	1,790	Massachusetts	33.74	Florida	15,376
5	Alaska	1.93	Georgia	1,294	New Hampshire	32.08	Pennsylvania	10,757
6	Maine	1.87	Florida	1,250	Vermont	31.65	Ohio	10,200
7	District of Columbia	1.75	Illinois	1,220	Rhode Island	31.62	Illinois	9,311
8	Florida	1.72	Alabama	1,219	Maine	31.46	North Carolina	7,804
9	Idaho	1.72	North Carolina	1,210	Alaska	30.97	Georgia	7,484
10	Massachusetts	1.68	Kentucky	1,158	Connecticut	28.19	Michigan	7,068
11	Georgia	1.68	West Virginia	1,116	New Jersey	27.62	New Jersey	6,785
12	Connecticut	1.67	Michigan	1,057	Nevada	23.12	Massachusetts	6,062
13	New Hampshire	1.67	Tennessee	864	Pennsylvania	23.08	Virginia	5,928
14	Mississippi	1.64	Virginia	784	District of Columbia	23.05	Tennessee	5,325
15	Virginia	1.62	Missouri	700	Florida	22.57	Indiana	5,130
16	South Carolina	1.61	South Carolina	665	Texas	21.85	Louisiana	5,069
17	North Carolina	1.60	Wisconsin	552	Arizona	21.30	Arizona	4,526
18	Maryland	1.56	Arizona	540	New Mexico	21.09	Missouri	4,414
19	New Mexico	1.47	Maryland	496	Delaware	20.60	Alabama	4,345
20	New York	1.47	New York	462	Louisiana	20.54	South Carolina	4,317
21	California	1.46	Utah	454	Michigan	20.50	Washington	4,141
22	Alabama	1.44	New Mexico	437	Illinois	20.27	Maryland	3,983
23	Texas	1.33	North Dakota	412	Ohio	19.57	Wisconsin	3,931
24	Ohio	1.33	Iowa	403	Maryland	19.52	Minnesota	3,618
25	Michigan	1.33	Wyoming	402	North Carolina	19.45	Kentucky	3,361
26	Louisiana	1.31	Minnesota	376	Montana	19.17	Oklahoma	3,016
27	Pennsylvania	1.30	Colorado	374	Georgia	18.77	Connecticut	2,937
28	West Virginia	1.28	Kansas	373	South Dakota	18.62	Mississippi	2,719
29	Arizona	1.27	Oklahoma	348	Mississippi	18.52	Colorado	2,638
30	Nevada	1.27	Mississippi	324	Kansas	18.32	Oregon	2,494
31	Tennessee	1.26	Louisiana	314	Virginia	18.18	Arkansas	2,463
32	Indiana	1.25	New Jersey	255	Iowa	18.00	Iowa	2,408
33	Hawaii	1.25	Arkansas	249	Oklahoma	17.93	Kansas	2,223
34	Illinois	1.23	Nevada	239	Arkansas	17.89	Nevada	2,172
35	Utah	1.17	Massachusetts	183	Wisconsin	17.86	West Virginia	1,392
36	Washington	1.16	Montana	177	Minnesota	17.75	Hawaii	1,349
37	Kentucky	1.15	Nebraska	134	Colorado	17.70	Nebraska	1,333
38	Wisconsin	1.12	Washington	115	Missouri	17.67	New Mexico	1,316
39	Oregon	1.11	California	99	South Carolina	16.91	Maine	1,270
40	Minnesota	1.06	Delaware	80	Alabama	16.62	Utah	1,198
41	Kansas	1.05	New Hampshire	67	Tennessee	16.52	New Hampshire	1,129
42	South Dakota	1.04	Connecticut	67	North Dakota	16.10	Idaho	1,037
43	North Dakota	0.98	Oregon	48	Oregon	15.93	Rhode Island	847
44	Missouri	0.98	South Dakota	46	Nebraska	15.80	Delaware	744
45	Montana	0.96	Alaska	31	Indiana	15.57	District of Columbia	740
46	Colorado	0.93	Hawaii	22	Washington	15.46	Montana	720
47	Oklahoma	0.92	Idaho	19	Utah	15.36	Vermont	607
48	Arkansas	0.91	Maine	15	West Virginia	14.90	Alaska	567
49	Iowa	0.91	District of Columbia	1	Idaho	14.41	Wyoming	564
50	Wyoming	0.80	Vermont	(s)	Wyoming	13.15	South Dakota	548
51	Nebraska	0.59	Rhode Island	(s)	Kentucky	12.48	North Dakota	535
	United States	1.29	United States	28,195	United States	21.51	United States	244,814

(s)=Value less than 0.5 million dollars.
Note: Rankings are based on unrounded data.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

United States Price and Expenditure Tables

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years, 1970-2001, United States

Year	Primary Energy																Electric Power Sector c,d	Electricity	Total Energy c,d
	Coal			Coal Coke		Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total c,d			
	Coking Coal	Steam Coal	Total	Exports	Imports		Distillate Fuel	Jet Fuel	LPG a	Motor Gasoline	Residual Fuel	Other b	Total						
	Prices in Nominal Dollars per Million Btu																		
1970	0.45	0.36	0.38	1.27	0.93	0.59	1.16	0.73	1.46	2.85	0.42	1.38	1.72	0.18	1.29	1.08	0.32	4.98	1.65
1975	1.65	0.90	1.03	2.37	3.47	1.18	2.60	2.05	2.97	4.65	1.93	R 2.94	3.35	0.24	1.50	2.19	0.96	8.61	3.33
1980	2.10	1.38	1.46	2.54	3.19	2.86	6.70	6.36	5.64	9.84	3.88	R 7.04	7.40	0.43	2.26	4.57	R 1.76	13.95	6.89
1985	2.03	1.67	1.69	2.76	2.99	4.61	R 7.22	5.91	6.54	9.01	4.30	R 7.55	R 7.63	0.71	R 2.42	4.91	R 1.88	19.05	R 8.37
1986	1.90	1.60	1.62	2.63	3.11	4.07	R 5.68	3.92	R 6.43	6.79	2.37	R 5.80	R 5.73	0.70	2.10	3.96	R 1.58	19.05	7.30
1987	1.74	1.52	1.53	3.37	2.40	3.77	R 5.97	4.03	6.06	7.23	2.86	R 5.63	R 6.04	0.71	2.07	R 3.99	R 1.55	18.74	R 7.34
1988	1.79	1.48	1.50	2.85	2.90	3.78	R 5.83	3.80	R 5.87	7.33	2.35	R 5.26	R 5.91	0.73	2.08	R 3.88	R 1.47	18.68	7.26
1989	1.78	1.47	R 1.48	2.98	3.79	R 3.82	R 6.43	4.39	5.53	8.02	2.72	R 5.50	6.43	0.70	R e 1.41	R e 4.06	R 1.50	18.98	R e 7.55
1990	1.79	1.48	R 1.49	3.53	3.80	R 3.82	R 7.68	5.68	R 6.76	9.12	R 3.17	R 5.82	7.47	0.67	R 1.30	R 4.45	R 1.47	19.33	8.25
1991	1.83	R 1.46	R 1.48	2.86	3.41	R 3.74	R 7.29	4.83	6.79	8.93	2.62	R 5.74	R 7.20	0.63	R 1.38	R 4.28	R 1.39	19.85	8.20
1992	1.83	1.44	R 1.45	2.78	3.35	R 3.83	R 7.09	4.52	6.19	8.96	R 2.28	R 5.52	7.07	0.59	R 1.31	R 4.23	R 1.37	20.06	R 8.13
1993	1.79	R 1.41	R 1.42	2.88	3.22	R 4.10	R 7.08	4.29	R 6.21	8.83	R 2.26	R 5.50	7.01	0.56	R 1.26	R 4.25	R 1.39	20.38	R 8.25
1994	1.73	R 1.38	R 1.39	2.46	3.31	R 4.08	R 6.99	3.95	R 6.62	8.96	2.32	R 5.47	R 7.06	0.56	R 1.38	R 4.27	R 1.35	20.34	R 8.30
1995	1.76	R 1.35	R 1.37	2.71	3.43	R 3.73	R 6.98	4.00	6.54	9.22	2.46	R 5.74	7.29	0.54	1.42	R 4.23	R 1.28	20.30	R 8.28
1996	1.77	R 1.32	R 1.33	2.20	3.87	R 4.25	R 7.87	4.82	8.01	9.85	R 2.80	R 6.19	R 8.01	0.51	R 1.26	R 4.63	R 1.34	20.17	R 8.75
1997	R 1.79	R 1.30	1.32	2.64	3.25	R 4.53	R 7.66	4.53	7.42	9.81	2.93	R 5.88	R 7.86	0.51	R 1.14	R 4.66	R 1.36	20.15	R 8.80
1998	R 1.69	R 1.28	R 1.29	3.73	3.07	R 4.13	R 6.57	3.35	5.99	8.45	2.15	R 5.04	R 6.64	0.50	R 1.31	R 4.07	R 1.30	19.82	R 8.18
1999	R 1.69	R 1.25	R 1.27	3.88	2.83	R 4.16	R 7.19	4.01	R 6.65	9.31	R 2.51	R 5.30	7.33	R 0.48	R 1.38	R 4.36	R 1.31	19.37	R 8.50
2000	1.67	R 1.23	R 1.24	3.64	2.66	R 5.62	R 9.86	6.60	10.19	12.01	R 4.32	R 6.97	R 9.91	R 0.46	R 1.60	R 5.71	R 1.64	20.04	R 10.33
2001	1.74	1.27	1.29	3.27	3.04	6.87	9.17	5.72	9.60	11.35	3.99	6.38	9.33	0.44	1.63	5.79	1.78	21.51	10.72
	Expenditures in Million Nominal Dollars																		
1970	1,175	3,455	4,630	-78	4	10,891	6,253	1,441	2,446	31,596	2,046	R 4,172	R 47,955	44	438	R 63,896	R -4,329	23,345	R 82,911
1975	3,692	9,329	13,021	-75	156	20,061	15,680	4,193	5,231	59,446	10,374	R 8,493	R 103,416	448	534	R 137,629	R -16,463	50,680	R 171,846
1980	3,753	18,853	22,607	-130	52	51,061	40,797	13,923	10,926	124,408	21,573	R 26,049	R 237,676	1,189	1,252	R 314,060	R -37,788	98,095	R 374,367
1985	2,228	R 27,450	R 29,678	-77	43	72,938	R 43,972	14,747	R 13,557	118,048	11,493	R 22,088	R 223,906	2,878	R 1,494	R 331,775	R -43,421	149,233	R 437,586
1986	1,825	R 26,030	R 27,855	-66	25	59,702	R 35,113	10,505	R 12,705	91,529	7,486	R 17,647	R 174,984	3,061	R 1,320	R 267,679	R -36,526	151,793	R 382,945
1987	1,718	R 25,815	R 27,532	-48	55	58,019	R 37,729	11,448	R 12,868	99,864	8,062	R 17,687	R 187,658	3,378	R 1,300	R 278,888	R -37,579	154,685	R 395,994
1988	2,006	R 26,327	R 28,333	-77	194	61,089	R 38,776	11,318	R 12,786	103,323	7,259	R 16,779	R 190,240	4,057	R 1,360	R 285,881	R -38,068	162,063	R 409,876
1989	1,934	R 26,350	R 28,284	-80	217	R 66,203	R 43,159	13,434	R 12,166	112,720	R 8,357	R 17,060	R 206,896	3,939	R e 2,235	R e 307,996	R -40,340	169,332	R e 436,988
1990	1,862	R 26,740	R 28,602	-50	72	R 65,281	R 49,335	17,784	R 13,694	126,558	R 8,721	R 19,255	R 235,347	4,104	R 1,957	R 335,369	R -40,155	176,737	R 471,951
1991	1,660	R 26,469	R 28,129	-56	100	R 65,957	R 45,269	14,609	R 14,936	123,118	R 6,784	R 18,231	R 222,947	4,073	R 2,130	R 323,600	R -38,534	184,814	R 469,880
1992	1,587	R 26,189	R 27,776	-48	174	R 70,091	R 45,019	13,559	R 14,175	125,249	R 5,585	R 18,363	R 221,950	3,802	R 2,164	R 326,300	R -38,418	186,954	R 474,836
1993	1,505	R 26,723	R 28,229	-76	172	R 77,052	R 45,732	13,002	R 13,976	126,560	R 5,449	R 18,318	R 223,037	3,597	R 2,153	R 334,558	R -40,002	196,579	R 491,135
1994	1,473	R 26,242	R 27,715	-60	274	R 78,584	R 47,002	12,474	R 16,278	130,068	R 5,296	R 18,701	R 229,819	3,777	R 2,510	R 343,257	R -39,976	200,883	R 504,163
1995	1,558	R 25,874	R 27,431	-91	325	R 75,020	R 47,533	12,525	R 16,263	136,647	R 4,676	R 19,218	R 236,863	3,810	R 3,000	R 346,921	R -38,727	205,932	R 514,126
1996	1,507	R 26,521	R 28,028	-88	244	R 86,911	R 56,455	15,770	R 21,171	148,344	R 5,313	R 21,086	R 268,139	3,624	R 2,713	R 390,112	R -41,247	211,011	R 559,875
1997	R 1,453	R 26,825	R 28,278	-83	253	R 93,392	R 55,910	15,000	R 19,872	149,668	R 5,206	R 21,578	R 267,233	R 3,369	R 2,389	R 395,335	R -42,466	213,645	R 566,515
1998	R 1,304	R 26,585	R 27,888	-104	292	R 83,634	R 48,350	11,239	R 15,354	132,730	R 4,280	R 19,912	R 231,864	R 3,555	R 2,631	R 350,160	R -42,649	216,928	R 524,439
1999	1,306	R 26,003	R 27,310	-86	226	R 84,971	R 54,586	13,878	R 19,159	149,260	R 4,686	R 21,226	R 262,795	R 3,643	R 2,831	R 382,213	R -43,932	216,737	R 555,018
2000	R 1,327	R 26,752	R 28,080	-103	249	R 119091	R 78,207	23,636	R 29,864	R 193,947	R 8,870	R 26,212	R 360,735	R 3,628	R 3,322	R 515,327	R -57,596	231,653	R 689,384
2001	1,247	26,949	28,195	-109	191	139,526	74,924	19,602	25,718	185,892	7,266	22,960	336,362	3,498	3,020	510,900	-62,115	244,814	693,599

a Liquefied petroleum gases.
b "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
c There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
d Net imports of electricity are included in this total but not shown separately.
e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates by Source, Selected Years, 1970-2001, United States

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.14	1.06	1.39	1.54	2.12	1.56	0.66	1.23	6.51	2.10
1975	2.45	1.67	2.74	3.14	4.02	3.04	1.31	2.12	10.29	3.81
1980	2.90	3.60	7.02	8.32	7.92	7.26	3.08	4.52	15.71	7.46
1985	3.26	5.94	R 7.93	7.90	9.10	R 8.17	R 3.71	R 6.40	21.66	R 10.93
1986	3.12	5.67	R 6.36	6.37	8.57	R 6.82	2.97	R 5.85	21.75	R 10.76
1987	2.74	5.39	R 6.06	6.44	8.64	R 6.66	2.87	R 5.62	21.82	R 10.71
1988	2.61	5.32	R 6.12	6.31	8.45	R 6.63	R 2.90	R 5.56	21.92	R 10.67
1989	2.64	5.47	6.76	6.19	10.38	R 7.59	3.20	R 5.90	22.41	R 11.02
1990	3.01	5.63	8.01	7.46	10.94	R 8.75	3.59	R 6.24	22.96	R 11.88
1991	3.10	5.66	R 7.68	7.09	10.94	R 8.56	R 3.44	R 6.19	23.57	R 12.08
1992	2.89	R 5.73	R 7.02	6.36	10.39	R 7.89	3.14	R 6.08	24.06	R 11.98
1993	3.02	5.99	R 6.85	5.89	10.25	R 7.73	3.03	R 6.25	24.40	R 12.28
1994	2.67	6.23	R 6.66	6.05	10.89	R 7.81	2.94	R 6.44	24.57	R 12.62
1995	2.58	5.89	6.52	5.74	10.85	R 7.75	2.88	6.15	24.63	R 12.59
1996	2.53	6.16	7.47	6.33	12.25	8.92	3.30	R 6.62	24.50	12.71
1997	2.48	6.75	R 7.44	6.29	12.21	R 8.90	3.23	7.09	24.71	R 13.29
1998	2.46	6.61	R 6.44	R 5.25	11.09	R 7.88	R 2.80	6.76	24.21	13.46
1999	R 2.37	6.50	R 6.64	R 5.73	10.92	R 8.12	R 2.89	6.75	23.89	13.17
2000	R 2.24	R 7.64	R 9.95	9.13	14.52	R 11.55	4.33	R 8.43	24.14	R 14.27
2001	2.95	9.43	9.48	9.29	15.83	11.68	4.12	9.80	25.26	15.72
	Expenditures in Million Nominal Dollars									
1970	236	5,272	2,603	459	1,225	4,286	68	9,861	10,352	20,213
1975	153	8,410	4,954	504	2,124	7,582	143	16,288	20,644	36,932
1980	90	17,497	9,234	887	2,575	12,695	699	30,981	38,458	69,438
1985	R 127	27,136	R 8,667	1,252	2,974	R 12,894	R 841	R 40,998	58,672	R 99,669
1986	R 126	25,147	R 7,070	773	2,770	R 10,613	R 657	R 36,544	60,776	R 97,320
1987	R 104	23,926	R 7,003	765	3,107	R 10,875	627	R 35,533	63,318	R 98,851
1988	R 97	25,332	R 7,288	906	3,011	R 11,204	R 659	R 37,292	66,793	R 104,085
1989	R 81	26,953	R 7,843	726	4,170	R 12,739	754	R 40,527	69,243	R 109,770
1990	R 93	25,442	R 7,839	477	3,992	R 12,308	878	R 38,721	72,379	R 111,099
1991	R 79	26,508	R 7,143	513	4,260	R 11,916	R 886	R 39,389	76,828	R 116,217
1992	R 74	R 27,600	R 6,877	413	3,974	R 11,264	R 853	R 39,791	76,848	R 116,639
1993	R 77	30,536	R 6,671	445	4,084	R 11,200	726	R 42,539	82,814	R 125,353
1994	55	R 31,029	R 6,389	393	4,308	R 11,089	R 692	R 42,865	84,552	R 127,417
1995	45	29,360	R 5,903	426	4,386	R 10,715	R 753	R 40,872	87,610	R 128,482
1996	41	33,222	R 6,920	562	5,796	R 13,278	R 860	R 47,402	90,501	R 137,903
1997	39	34,590	R 6,503	584	5,625	R 12,712	R 628	R 47,970	90,694	R 138,664
1998	R 31	30,875	R 4,974	R 569	4,809	R 10,352	R 493	R 41,750	93,164	R 134,914
1999	R 33	31,577	R 5,493	R 637	5,826	R 11,956	543	R 44,108	93,313	R 137,421
2000	R 24	R 38,959	R 9,005	R 864	8,182	R 18,051	R 852	R 57,886	98,209	R 156,095
2001	33	46,250	8,614	883	8,473	17,970	693	64,947	103,671	168,618

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates by Source, Selected Years, 1970-2001, United States

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.44	0.75	1.10	0.77	1.24	2.86	0.45	0.90	0.66	0.79	6.09	1.98
1975	1.31	1.32	2.42	2.32	2.60	4.66	1.91	2.39	1.31	1.67	10.11	4.08
1980	1.53	3.32	6.45	6.46	5.15	9.77	4.12	5.64	3.08	4.00	16.06	7.85
1985	1.77	5.34	R 6.33	8.18	8.97	9.01	4.50	R 6.38	3.71	R 5.50	21.30	11.65
1986	1.68	4.94	R 4.19	5.21	8.58	6.77	2.71	R 4.32	2.97	4.62	21.10	R 11.22
1987	1.54	4.64	R 4.46	5.11	8.02	7.22	3.10	R 4.65	2.87	4.53	20.44	10.98
1988	1.54	4.51	R 4.18	6.11	8.16	7.33	2.53	R 4.38	2.90	4.37	20.34	R 10.82
1989	1.54	4.61	R 4.89	6.01	7.67	8.04	2.92	R 4.99	2.28	R 4.61	20.77	R 11.28
1990	1.64	4.70	R 5.97	7.31	9.01	9.15	3.41	R 5.95	2.75	R 4.90	21.19	R 11.90
1991	R 1.58	4.69	R 5.46	6.67	9.45	8.98	2.61	R 5.44	2.76	4.76	21.73	R 12.09
1992	1.60	4.75	R 5.09	5.96	8.82	9.08	2.68	R 5.23	2.47	4.74	22.15	R 12.19
1993	1.61	5.08	R 4.93	5.64	9.19	9.13	2.75	R 5.00	2.44	R 4.94	22.40	R 12.59
1994	1.57	5.35	R 4.74	5.94	9.01	9.20	2.90	R 4.89	2.33	R 5.12	22.35	R 12.76
1995	1.55	4.94	R 4.70	5.55	9.11	9.40	3.14	4.97	2.05	R 4.82	22.28	R 12.65
1996	1.51	5.26	R 5.63	6.40	10.52	10.28	3.75	6.01	2.24	R 5.26	22.16	R 12.79
1997	R 1.51	5.68	R 5.28	6.18	10.84	10.01	3.27	R 5.92	2.20	R 5.56	22.03	R 13.06
1998	1.51	R 5.38	R 4.15	R 4.88	9.78	8.73	2.38	R 4.88	1.96	R 5.16	21.48	R 13.04
1999	R 1.51	R 5.22	R 4.65	R 5.33	9.47	9.45	2.69	R 5.35	1.77	R 5.11	20.72	R 12.74
2000	R 1.45	R 6.56	R 7.48	8.87	12.46	R 12.02	4.49	R 8.09	2.75	R 6.69	21.52	R 13.94
2001	1.56	8.32	6.70	8.74	13.59	11.53	4.06	7.66	2.27	7.98	22.97	15.56
	Expenditures in Million Nominal Dollars											
1970	72	1,844	646	47	127	247	323	1,391	1	3,309	7,319	10,628
1975	191	3,385	1,423	114	242	415	939	3,133	3	6,712	16,157	22,869
1980	179	8,858	3,337	262	296	1,046	2,325	7,267	17	16,321	30,611	46,932
1985	R 243	13,368	R 3,995	268	517	866	1,025	R 6,671	22	R 20,305	50,092	R 70,396
1986	R 228	11,770	R 2,614	260	489	720	786	R 4,869	20	R 16,888	51,449	R 68,337
1987	R 195	11,601	R 2,707	249	509	799	814	R 5,078	21	R 16,896	51,900	R 68,795
1988	R 203	12,377	R 2,506	160	513	809	666	R 4,655	24	R 17,257	54,411	R 71,669
1989	R 177	12,909	R 2,803	166	544	819	R 666	R 4,998	35	R 18,119	57,460	R 75,579
1990	R 203	R 12,682	R 3,199	87	581	1,018	R 785	R 5,669	64	R 18,618	60,620	R 79,237
1991	R 183	13,176	R 2,823	81	649	764	R 554	R 4,871	65	R 18,294	63,399	R 81,693
1992	R 187	R 13,687	R 2,579	66	595	722	R 506	R 4,469	65	R 18,409	64,226	R 82,635
1993	R 187	14,966	R 2,432	79	647	270	R 475	R 3,903	67	R 19,123	67,616	R 86,739
1994	184	15,926	R 2,373	116	629	232	R 498	R 3,847	66	R 20,023	69,627	R 89,650
1995	181	15,386	R 2,250	123	650	170	R 445	R 3,638	72	R 19,277	72,469	R 91,746
1996	181	17,111	R 2,717	135	878	273	R 515	R 4,518	90	R 21,901	74,109	R 96,010
1997	195	18,765	R 2,344	152	881	428	R 363	R 4,168	89	R 23,217	77,138	R 100,355
1998	R 151	16,682	R 1,778	R 152	749	340	R 203	R 3,222	78	R 20,133	78,194	R 98,327
1999	R 154	16,363	R 2,038	143	892	269	R 197	R 3,540	85	R 20,142	78,044	R 98,186
2000	R 125	R 21,339	R 3,672	R 263	1,240	R 535	R 411	R 6,121	120	R 27,705	85,138	R 112,843
2001	142	25,993	3,404	275	1,284	432	284	5,678	97	31,910	93,862	125,772

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates by Source, Selected Years, 1970-2001, United States

Year	Primary Energy																	Electricity	Total Energy [c]
	Coal			Coal Coke		Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total	Exports	Imports		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																		
1970	0.45	0.44	0.45	1.27	0.93	0.38	0.68	0.72	0.77	1.10	5.08	2.86	0.46	R 1.07	0.98	1.59	0.61	2.99	R 0.84
1975	1.65	1.28	1.50	2.37	3.47	0.95	1.89	2.23	2.34	2.51	7.48	4.65	1.91	R 2.70	R 2.46	1.60	1.67	6.07	R 2.20
1980	2.10	1.56	1.87	2.54	3.19	2.52	3.68	5.54	6.30	5.18	14.36	9.82	3.69	R 7.32	R 5.75	1.67	R 3.77	10.81	R 4.71
1985	2.03	1.81	1.90	2.76	2.99	3.87	4.77	R 6.26	6.86	5.91	17.61	9.07	4.24	R 7.16	R 6.29	1.67	4.45	14.57	R 6.03
1986	1.90	1.74	1.80	2.63	3.11	3.20	4.34	R 4.04	4.77	5.87	15.59	6.80	2.47	R 4.61	R 4.92	1.65	3.64	14.45	R 5.36
1987	1.74	1.63	1.67	3.37	2.40	2.88	3.56	R 4.51	4.66	5.41	13.58	7.25	2.86	R 5.22	R 4.96	1.65	R 3.51	13.98	R 5.17
1988	1.79	1.61	1.68	2.85	2.90	2.90	3.39	R 4.14	4.34	5.22	14.62	7.32	2.34	R 4.38	R 4.62	1.65	3.34	13.78	R 5.00
1989	1.78	1.61	1.68	2.98	3.79	2.93	2.95	R 4.82	5.25	4.27	14.48	8.05	2.75	R 5.15	R 4.69	R d 1.20	R d 3.26	13.85	R d 4.92
1990	1.79	1.62	R 1.69	3.53	3.80	2.95	3.02	R 5.90	6.61	5.66	14.60	9.15	3.10	R 5.80	R 5.48	R 0.99	R 3.59	13.92	R 5.23
1991	1.83	R 1.58	R 1.67	2.86	3.41	2.80	3.14	R 5.30	5.75	5.71	16.80	8.95	2.44	R 5.20	R 5.31	R 1.14	R 3.47	14.18	R 5.18
1992	1.83	1.62	R 1.69	2.78	3.35	2.91	2.50	R 5.17	5.00	5.18	18.32	8.94	2.46	R 5.02	R 5.00	R 1.13	R 3.43	14.18	R 5.13
1993	1.79	1.54	R 1.63	2.88	3.22	R 3.12	2.90	R 5.09	4.84	5.14	18.96	8.82	2.41	R 4.69	R 4.93	R 1.12	R 3.46	14.22	R 5.16
1994	1.73	1.57	R 1.62	2.46	3.31	R 3.09	2.93	R 4.87	5.00	5.62	19.11	8.96	2.50	R 4.52	R 5.04	1.15	R 3.50	14.00	R 5.15
1995	1.76	1.56	R 1.63	2.71	3.43	R 2.80	3.18	R 4.86	4.55	5.55	19.41	9.17	2.75	R 4.86	R 5.20	R 1.21	R 3.39	13.68	R 4.97
1996	1.77	1.54	R 1.62	2.20	3.87	R 3.30	3.29	5.80	5.62	6.93	20.08	9.83	3.25	R 5.62	R 6.04	R 1.02	R 3.91	13.49	R 5.40
1997	R 1.79	1.54	R 1.62	2.64	3.25	R 3.53	3.54	R 5.43	5.12	6.24	17.98	9.80	3.03	R 5.27	R 5.68	R 1.01	R 3.90	13.29	R 5.33
1998	R 1.69	R 1.53	R 1.58	3.73	3.07	R 3.16	3.43	R 4.21	3.80	4.74	19.07	8.43	2.25	R 3.67	R 4.54	R 1.30	R 3.36	13.13	R 4.89
1999	R 1.69	R 1.52	R 1.58	3.88	2.83	R 3.21	3.31	R 4.92	4.49	5.48	16.75	9.23	2.62	R 4.64	R 5.07	R 1.44	R 3.62	12.85	R 5.09
2000	1.67	R 1.49	R 1.55	3.64	2.66	R 4.61	3.99	R 7.66	R 7.87	8.99	17.99	11.93	R 4.22	R 6.94	R 7.50	R 1.48	R 5.11	13.60	R 6.48
2001	1.74	1.57	1.63	3.27	3.04	5.68	3.99	7.00	6.39	7.74	19.00	11.32	3.85	5.67	6.75	1.59	5.31	14.75	6.78
	Expenditures in Million Nominal Dollars																		
1970	1,175	907	2,082	-78	4	2,625	731	866	142	1,046	786	824	635	R 1,038	R 6,069	366	R 11,067	5,624	R 16,691
1975	3,692	1,806	5,498	-75	156	5,844	1,914	2,907	278	2,760	1,119	1,039	2,367	R 3,159	R 15,544	386	R 27,353	13,760	R 41,113
1980	3,753	2,135	5,888	-130	52	16,350	3,543	7,232	1,143	7,967	2,613	1,553	4,175	R 14,539	R 42,765	529	R 65,453	28,863	R 94,316
1985	2,228	3,024	5,252	-77	43	21,615	4,916	R 6,977	304	9,804	2,916	1,978	2,815	R 9,166	R 38,876	619	R 66,328	40,190	R 106,518
1986	1,825	2,920	4,745	-66	25	16,479	4,717	R 4,649	153	9,218	2,525	1,402	1,574	R 6,329	R 30,567	639	R 52,389	39,271	R 91,661
1987	1,718	2,730	4,448	-48	55	15,909	4,018	R 5,117	132	9,079	2,486	1,491	1,436	R 7,335	R 31,092	636	R 52,092	39,109	R 91,201
1988	2,006	2,738	4,744	-77	194	17,257	3,848	R 4,656	130	9,071	2,580	1,413	1,082	R 6,344	R 29,123	662	R 51,903	40,507	R 92,410
1989	1,934	2,716	R 4,650	-80	217	18,770	3,228	R 5,478	155	7,274	2,623	1,601	R 924	R 7,279	R 28,561	R d 1,323	R d 53,440	42,255	R d 95,695
1990	1,862	2,774	R 4,636	-50	72	19,348	3,529	R 6,773	81	8,916	2,720	1,695	R 1,070	R 9,347	R 34,132	R 906	R 59,044	43,358	R 102,402
1991	1,660	R 2,672	R 4,332	-56	100	18,912	3,382	R 5,694	65	9,828	2,800	1,730	R 653	R 8,359	R 32,511	R 1,034	R 56,833	44,201	R 101,034
1992	1,587	2,658	R 4,245	-48	174	R 20,553	2,755	R 5,704	49	9,433	3,113	1,737	R 793	R 8,641	R 32,225	R 1,079	R 58,229	45,474	R 103,703
1993	1,505	2,554	R 4,060	-76	172	R 22,367	3,336	R 5,672	63	9,062	3,281	1,583	R 916	R 7,638	R 31,550	R 1,145	R 59,219	45,726	R 104,946
1994	1,473	2,587	R 4,060	-60	274	R 22,558	3,438	R 5,397	85	11,028	3,457	1,724	R 893	R 7,605	R 33,626	R 1,279	R 61,737	46,257	R 107,994
1995	1,558	2,510	R 4,068	-91	325	R 21,487	3,748	R 5,473	70	11,061	3,451	1,836	R 778	R 7,753	R 34,170	R 1,699	R 61,658	45,402	R 107,060
1996	1,507	R 2,436	R 3,943	-88	244	R 26,167	3,870	R 6,857	103	14,348	3,465	1,965	R 913	R 9,275	R 40,796	R 1,434	R 72,496	45,951	R 118,447
1997	R 1,453	R 2,434	R 3,887	-83	253	R 28,411	4,331	R 6,512	96	13,235	3,277	2,077	R 732	R 9,572	R 39,833	R 1,437	R 73,739	45,358	R 119,097
1998	R 1,304	R 2,263	R 3,566	-104	292	R 24,515	4,335	R 5,084	84	9,646	3,638	1,681	R 425	R 7,326	R 32,220	R 1,766	R 62,255	45,132	R 107,386
1999	1,306	R 2,150	R 3,457	-86	226	R 24,079	4,385	R 5,823	58	12,290	3,229	1,400	R 447	R 9,310	R 36,941	R 1,956	R 66,573	44,956	R 111,529
2000	R 1,327	R 2,180	R 3,507	-103	249	R 34,624	5,094	R 9,158	R 123	20,278	3,416	1,792	R 867	R 12,783	R 53,512	R 2,044	R 93,833	47,859	R 141,692
2001	1,247	2,313	3,559	-109	191	38,505	5,018	9,055	148	15,757	3,306	3,339	629	9,723	46,975	1,908	91,029	46,791	137,820

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.

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

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

Table 5. Transportation Sector Energy Price and Expenditure Estimates by Source, Selected Years, 1970-2001, United States

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.41	—	2.17	1.31	0.73	1.11	5.08	2.85	0.38	2.31	2.31	4.65	2.31
1975	1.26	—	3.45	2.80	2.05	2.51	7.48	4.64	1.72	4.02	4.02	11.72	4.02
1980	—	—	9.02	7.19	6.36	5.20	14.36	9.84	3.31	8.60	8.60	14.71	8.61
1985	—	—	9.99	R 7.52	5.91	R 9.46	17.61	9.01	4.36	8.25	8.25	19.74	8.26
1986	—	—	8.41	6.36	3.92	R 8.81	15.59	6.79	2.11	6.21	6.21	19.63	6.22
1987	—	—	7.55	R 6.76	4.03	R 8.43	13.58	7.23	2.64	6.57	6.57	23.03	6.58
1988	—	—	7.41	6.59	3.80	R 8.64	14.62	7.33	2.22	6.55	6.55	22.05	6.57
1989	—	—	8.28	7.16	4.39	R 8.18	14.48	8.02	2.47	R 7.17	R 7.17	22.99	7.18
1990	—	3.29	9.32	8.46	5.68	R 9.50	14.60	9.12	2.98	8.27	8.27	23.50	8.28
1991	—	3.84	8.71	8.11	4.83	R 9.95	16.80	8.93	2.83	7.98	7.98	23.79	7.99
1992	—	R 4.53	8.54	8.01	4.52	R 9.45	18.32	8.96	1.98	7.91	7.91	25.25	7.92
1993	—	R 4.30	8.24	8.05	4.29	R 9.64	18.96	8.83	1.98	R 7.87	R 7.87	25.99	7.88
1994	—	R 4.12	7.96	R 8.02	3.95	R 9.74	19.11	8.96	2.06	7.90	7.90	26.25	R 7.92
1995	—	R 3.91	8.36	R 7.98	4.00	R 9.95	19.41	9.22	2.18	R 8.08	R 8.08	26.59	8.09
1996	—	R 3.98	9.29	R 8.82	4.82	R 10.09	20.08	9.85	2.33	R 8.76	8.75	26.73	R 8.77
1997	—	R 4.34	9.39	8.57	4.53	R 9.69	17.98	9.81	R 2.95	8.69	8.69	27.12	8.70
1998	—	R 4.00	8.11	R 7.49	3.35	R 9.02	19.07	8.45	2.18	R 7.47	R 7.47	25.91	7.48
1999	—	R 4.13	8.81	R 8.13	4.01	R 11.19	16.75	9.31	R 2.61	R 8.22	R 8.22	24.32	R 8.23
2000	—	R 5.09	R 10.87	R 10.68	6.60	R 14.62	17.99	12.01	R 4.54	R 10.78	R 10.77	24.32	R 10.78
2001	—	6.89	11.01	9.98	5.72	15.80	19.00	11.35	4.38	10.20	10.20	26.19	10.21
	Expenditures in Million Nominal Dollars												
1970	3	—	218	2,058	1,441	49	745	30,525	291	35,327	35,330	49	35,379
1975	1	—	245	5,938	4,150	105	1,158	57,992	1,226	70,813	70,814	119	70,933
1980	—	—	580	20,090	13,856	88	2,468	121,809	4,626	163,517	163,517	163	163,680
1985	—	—	503	R 23,830	14,747	R 262	2,754	115,205	3,422	R 160,724	R 160,724	279	R 161,003
1986	—	—	496	R 20,473	10,505	R 228	2,384	89,407	1,838	R 125,331	R 125,331	296	R 125,627
1987	—	—	344	R 22,528	11,448	R 174	2,348	97,574	2,373	R 136,788	R 136,788	358	R 137,147
1988	—	—	363	R 23,909	11,318	R 191	2,437	101,101	2,042	R 141,361	R 141,361	351	R 141,713
1989	—	—	394	R 26,387	13,434	R 178	2,477	110,300	R 2,399	R 155,569	R 155,569	374	R 155,943
1990	—	1	419	R 30,982	17,784	R 206	2,569	123,845	R 3,025	R 178,831	R 178,831	381	R 179,212
1991	—	1	363	R 29,205	14,609	R 198	2,644	120,624	R 2,905	R 170,548	R 170,550	386	R 170,936
1992	—	R 10	351	R 29,509	13,559	R 173	2,940	122,790	R 2,121	R 171,444	R 171,454	405	R 171,859
1993	—	R 13	316	R 30,571	13,002	R 183	3,099	124,707	R 1,783	R 173,661	R 173,674	423	R 174,097
1994	—	R 14	304	R 32,352	12,474	R 314	3,265	128,112	R 1,821	R 178,641	R 178,655	447	R 179,102
1995	—	R 18	331	R 33,457	12,525	R 167	3,260	134,641	R 1,988	R 186,368	R 186,387	451	R 186,838
1996	—	R 25	347	R 39,410	15,770	R 149	3,272	146,106	R 1,987	R 207,041	R 207,066	449	R 207,515
1997	—	R 37	373	R 40,050	15,000	R 130	3,095	147,164	R 2,096	R 207,907	R 207,944	454	R 208,398
1998	—	R 39	288	R 36,043	11,239	R 150	3,436	130,709	R 1,469	R 183,334	R 183,373	439	R 183,811
2000	—	R 66	R 394	R 55,171	23,636	R 163	3,227	R 191,620	R 4,029	R 278,241	R 278,307	447	R 278,754
2001	—	103	385	52,799	19,602	204	3,122	182,122	2,562	260,797	260,900	490	261,390

[a] Liquefied petroleum gases.
R=Revised data.
—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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years, 1970-2001, United States (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.31	0.28	0.41	0.57	0.29	0.42	0.18	0.65	1.31	0.99	0.32
1975	0.82	0.75	1.99	2.22	0.53	2.00	0.24	0.92	2.65	2.02	0.96
1980	1.35	2.20	4.25	5.75	2.61	4.34	0.43	1.74	4.72	3.59	1.76
1985	1.65	3.43	4.24	5.89	1.27	4.35	0.71	0.79	6.36	4.84	1.88
1986	1.58	2.35	2.42	3.67	1.04	2.48	0.70	0.32	6.31	4.80	1.58
1987	1.51	2.24	2.97	4.17	1.04	3.04	0.71	0.95	6.11	4.65	1.55
1988	1.47	2.26	2.41	3.81	0.99	2.49	0.73	0.87	6.02	4.58	1.47
1989	1.45	2.37	2.85	4.25	0.86	2.95	0.70	0.53	6.05	4.60	1.50
1990	1.46	2.34	3.30	5.61	0.82	3.42	0.67	0.34	5.84	5.66	1.47
1991	1.45	2.17	2.46	4.84	0.81	2.59	0.63	0.41	4.60	3.06	1.39
1992	1.41	2.33	2.48	4.76	0.75	2.57	0.59	0.42	4.37	3.19	1.37
1993	1.39	2.58	2.37	4.46	0.77	2.42	0.56	0.52	4.01	2.89	1.39
1994	1.36	2.26	2.40	4.09	0.57	2.47	0.56	1.09	4.09	2.27	1.35
1995	1.32	2.03	2.59	4.16	0.70	2.61	0.54	1.13	4.04	2.18	1.28
1996	1.29	2.68	3.02	5.03	0.72	3.07	0.51	0.75	3.82	2.31	1.34
1997	1.28	2.79	2.82	4.53	0.96	2.82	0.51	0.53	3.77	1.62	1.36
1998	1.26	2.45	2.09	3.46	0.67	2.09	0.50	0.66	4.01	3.02	1.30
1999	1.23	2.62	2.40	4.11	0.61	2.43	0.48	0.54	4.92	4.16	1.31
2000	1.21	4.53	4.09	6.87	0.48	4.20	0.46	0.68	3.04	3.52	1.64
2001	1.25	5.22	3.78	6.16	0.97	3.87	0.44	0.71	3.29	3.82	1.78
	Expenditures in Million Nominal Dollars										
1970	2,237	1,151	797	80	6	882	44	2	27	14	4,329
1975	7,178	2,422	5,842	502	1	6,345	448	2	102	35	16,463
1980	16,450	8,357	10,446	972	14	11,432	1,189	8	403	50	37,788
1985	24,056	10,819	4,232	502	9	4,742	2,878	11	996	82	43,421
1986	22,755	6,305	3,288	306	10	3,603	3,061	4	876	79	36,526
1987	22,785	6,583	3,439	373	11	3,823	3,378	15	1,088	93	37,579
1988	23,290	6,123	3,468	416	12	3,896	4,057	15	797	110	38,068
1989	23,376	7,571	4,368	648	13	5,029	3,939	124	539	238	40,340
1990	23,671	7,809	3,841	541	25	4,408	4,104	108	367	312	40,155
1991	23,536	7,359	2,672	405	24	3,101	4,073	145	344	24	38,534
1992	23,270	8,240	2,164	350	34	2,548	3,802	167	421	31	38,418
1993	23,904	9,171	2,275	386	61	2,722	3,597	214	429	35	40,002
1994	23,416	9,058	2,083	491	40	2,615	3,777	472	654	16	39,976
1995	23,138	8,768	1,465	449	57	1,971	3,810	476	591	27	38,727
1996	23,862	10,386	1,899	550	57	2,506	3,624	328	567	26	41,247
1997	24,156	11,588	2,014	501	98	2,613	3,369	235	553	50	42,466
1998	24,140	11,523	2,184	470	83	2,736	3,555	294	540	141	42,649
1999	23,666	12,903	2,304	576	69	2,949	3,643	247	726	202	43,932
2000	24,424	24,103	3,562	1,201	47	4,809	3,628	307	504	178	57,596
2001	24,461	28,675	3,792	1,050	100	4,942	3,498	321	433	215	62,115

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
Note: Expenditure totals may not equal sum of components due to independent rounding.

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

State Price and Expenditure Tables

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Alabama

Year	Primary Energy														Electric Power Sector c,d	Electricity	Total Energy c,d
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total c,d			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG a	Motor Gasoline	Residual Fuel	Other b	Total						
	Prices in Nominal Dollars per Million Btu																
1970	0.42	0.26	0.32	0.52	1.10	0.73	2.00	2.82	0.41	R 1.17	R 2.09	—	1.29	0.84	0.26	3.51	R 1.37
1975	1.50	0.94	1.10	0.96	2.60	2.03	3.83	4.26	1.59	R 2.71	R 3.31	0.14	1.47	R 1.82	0.88	6.87	R 2.83
1980	1.96	1.63	1.69	2.90	6.58	6.39	6.62	9.89	2.99	R 5.77	R 7.85	0.33	1.66	R 3.35	1.17	12.52	R 6.30
1985	2.02	2.00	2.01	4.73	R 6.43	6.17	R 7.09	9.15	3.80	R 6.47	R 7.84	0.77	1.98	3.92	1.74	16.59	R 7.67
1986	1.81	1.89	1.88	4.50	R 5.65	4.45	R 7.16	6.99	1.98	R 5.56	R 6.26	0.70	1.83	3.44	1.68	16.66	R 7.00
1987	1.71	1.89	1.87	4.27	R 6.17	4.39	7.29	7.27	2.18	R 4.84	R 6.42	0.69	1.76	3.53	1.69	16.48	R 6.98
1988	1.70	1.90	1.87	4.03	R 5.86	4.07	R 7.05	7.21	2.49	R 4.57	R 6.28	0.65	1.76	3.44	1.67	16.34	R 6.78
1989	1.74	1.84	1.83	R 3.91	R 6.47	4.64	R 8.74	7.96	2.20	4.96	R 6.92	0.60	R e 1.17	R e 3.53	R 1.60	16.43	R e 6.93
1990	1.83	1.82	1.82	R 4.05	R 7.50	5.99	R 10.27	8.96	2.18	5.51	R 7.82	0.56	R 1.00	R 3.81	R 1.56	16.47	R 7.49
1991	1.80	1.79	R 1.80	R 4.07	R 6.96	5.03	R 11.41	8.69	1.74	5.34	R 7.51	0.71	R 1.11	R 3.61	R 1.54	16.69	7.42
1992	1.78	1.71	1.72	R 4.05	R 7.03	4.73	R 10.42	8.67	1.68	4.89	R 7.44	0.75	R 1.11	R 3.46	R 1.46	16.47	R 7.18
1993	1.77	1.75	1.75	R 4.27	R 7.05	4.41	R 9.96	8.62	1.65	4.93	R 7.44	0.67	R 1.07	R 3.47	R 1.51	16.78	R 7.29
1994	1.77	1.66	1.68	R 4.32	R 6.83	4.11	R 8.84	8.59	1.73	4.98	R 7.32	0.70	R 1.08	R 3.43	R 1.41	16.30	R 7.04
1995	1.81	1.56	1.59	R 3.84	R 6.89	4.06	R 8.82	8.92	1.97	5.25	R 7.57	0.51	R 1.18	R 3.33	R 1.30	16.26	R 6.92
1996	1.84	1.55	1.58	R 4.50	R 7.58	4.81	R 10.59	9.35	2.36	5.65	R 8.15	0.53	R 0.97	R 3.35	R 1.25	15.84	R 7.28
1997	R 1.87	1.54	1.57	R 4.68	R 7.45	4.54	R 11.16	9.40	R 2.75	5.59	R 8.26	R 0.59	R 0.93	R 3.43	R 1.26	15.76	R 7.51
1998	R 1.78	1.58	1.59	R 4.24	R 6.46	3.40	R 10.72	8.16	1.95	5.77	R 7.28	R 0.63	R 1.21	R 3.15	R 1.32	16.45	R 7.30
1999	R 1.65	1.49	1.50	R 4.34	R 6.98	4.03	R 9.89	8.75	1.94	5.51	R 7.84	R 0.53	R 1.38	R 3.26	R 1.23	16.39	R 7.53
2000	R 1.62	R 1.43	R 1.44	R 5.32	R 9.74	6.60	R 13.56	11.47	R 3.38	R 6.49	R 10.18	R 0.50	R 1.48	R 3.97	R 1.28	16.60	R 8.78
2001	1.74	1.42	1.44	7.22	8.95	5.82	12.94	10.59	3.37	6.88	9.73	0.46	1.59	4.16	1.38	16.62	9.31
	Expenditures in Million Nominal Dollars																
1970	99.4	116.3	215.7	143.2	54.6	7.2	57.0	547.6	8.0	R 57.9	R 732.3	—	11.5	R 1,102.7	-103.4	411.6	R 1,410.8
1975	269.2	431.7	700.9	227.1	221.6	19.1	91.9	1,010.7	127.4	R 125.2	R 1,595.8	4.2	14.3	R 2,542.2	-385.8	940.2	R 3,096.5
1980	254.7	865.3	1,120.0	676.5	579.2	72.3	116.3	2,301.3	135.2	R 293.6	R 3,498.0	85.2	37.7	R 5,417.4	-849.4	2,120.5	R 6,688.5
1985	156.1	R 1,171.9	R 1,328.0	923.7	R 543.9	121.6	R 93.0	2,090.8	53.6	R 376.6	R 3,279.5	116.6	57.8	R 5,705.6	-1,172.8	2,735.9	R 7,268.7
1986	129.4	R 1,115.5	R 1,244.9	796.7	R 482.2	93.5	R 104.8	1,705.0	29.3	R 304.9	R 2,719.7	85.7	53.9	R 4,900.9	-1,086.8	2,818.4	R 6,632.5
1987	144.5	R 1,089.3	R 1,233.8	763.9	R 575.8	95.2	R 124.1	1,852.9	31.4	R 308.0	R 2,987.4	80.7	50.3	R 5,116.2	-1,061.1	2,950.9	R 7,006.0
1988	154.0	1,068.8	R 1,222.8	826.2	R 607.8	42.2	R 114.2	1,846.8	51.1	R 282.2	R 2,944.2	88.9	52.5	R 5,134.6	-1,045.6	3,039.7	R 7,128.8
1989	154.7	R 1,094.5	R 1,249.2	R 841.8	R 803.6	52.7	R 153.3	2,068.1	R 48.7	288.1	R 3,414.5	73.4	R e 116.6	R e 5,695.5	R -1,099.2	3,139.7	R e 7,736.0
1990	160.8	R 1,084.5	R 1,245.4	R 844.7	R 942.0	63.1	R 154.8	2,316.7	R 51.8	328.5	R 3,856.9	71.1	R 90.2	R 6,108.3	R -1,088.6	3,237.2	R 8,256.8
1991	153.0	R 1,146.8	R 1,299.8	R 873.7	R 857.2	63.6	R 156.9	2,261.1	R 38.3	328.9	R 3,705.9	118.1	R 100.4	R 6,097.9	R -1,192.0	3,356.5	R 8,262.3
1992	157.6	R 1,178.4	R 1,336.0	R 935.6	R 876.1	55.4	R 149.7	2,304.3	R 38.5	292.0	R 3,716.0	151.4	R 104.8	R 6,243.7	R -1,228.7	3,362.8	R 8,377.8
1993	152.3	R 1,270.2	R 1,422.4	R 1,052.3	R 861.9	48.5	R 180.7	2,351.8	R 39.0	296.2	R 3,778.2	125.6	R 128.7	R 6,507.3	R -1,338.5	3,567.6	R 8,736.4
1994	154.3	R 1,142.1	R 1,296.5	R 1,054.3	R 936.1	80.6	R 164.8	2,392.0	R 34.0	305.1	R 3,912.6	150.0	R 165.2	R 6,578.6	R -1,230.5	3,561.0	R 8,909.1
1995	157.7	R 1,157.7	R 1,315.4	R 1,033.8	R 948.6	88.3	R 163.4	2,579.1	R 37.0	314.3	R 4,130.7	111.1	R 220.1	R 6,811.1	R -1,214.3	3,685.5	R 9,282.4
1996	160.3	R 1,245.2	R 1,405.5	R 1,246.5	R 1,043.2	95.7	R 185.3	2,681.8	R 44.0	297.6	R 4,347.7	164.9	R 168.6	R 7,333.3	R -1,348.1	3,818.4	R 9,803.6
1997	R 147.9	R 1,217.0	R 1,364.9	R 1,302.3	R 999.9	56.2	R 172.3	2,730.4	R 40.1	293.2	R 4,292.0	R 183.7	R 137.8	R 7,280.7	R -1,335.9	3,883.9	R 9,828.7
1998	R 117.1	R 1,245.7	R 1,362.8	R 1,175.6	R 842.5	67.9	R 126.0	2,442.8	R 17.6	267.0	R 3,763.7	R 189.5	R 220.2	R 6,711.7	R -1,428.0	4,315.5	R 9,599.2
1999	104.5	R 1,192.9	R 1,297.4	R 1,211.6	R 977.5	44.8	R 251.1	2,630.4	R 17.8	259.8	R 4,181.4	R 169.6	R 250.5	R 7,110.5	R -1,358.8	4,367.1	R 10,118.8
2000	R 96.4	R 1,205.2	R 1,301.5	R 1,593.4	R 1,395.6	87.9	R 360.9	3,416.3	R 89.9	R 324.4	R 5,675.0	R 163.7	R 260.7	R 8,994.4	R -1,489.6	4,592.3	R 12,097.0
2001	81.1	1,138.1	1,219.1	2,077.1	1,215.9	77.3	334.8	3,185.3	32.2	296.7	5,142.2	147.4	221.0	8,806.9	-1,572.4	4,345.3	11,579.8

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Alabama

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	0.81	1.10	1.24	1.62	2.22	2.17	0.85	1.35	4.62	2.42
1975	1.82	1.52	2.53	3.31	4.32	4.22	1.69	2.12	8.05	4.43
1980	2.97	3.91	6.83	9.13	7.75	7.89	4.31	4.54	14.44	9.02
1985	3.19	6.18	7.68	6.93	8.49	8.39	R 4.88	R 6.34	18.74	R 12.53
1986	2.89	6.30	5.33	4.74	8.08	R 7.90	3.91	R 6.32	18.95	R 12.71
1987	2.88	6.43	5.13	5.95	8.68	R 8.56	R 3.73	6.58	18.92	R 12.73
1988	2.62	6.33	4.93	8.55	8.21	R 8.19	R 3.77	6.44	19.06	12.79
1989	2.64	6.09	5.52	7.26	9.25	R 9.13	4.16	6.49	19.31	12.99
1990	2.70	6.38	6.70	8.97	11.05	R 10.96	3.53	6.82	19.32	13.42
1991	2.81	6.86	6.16	6.35	12.45	R 12.15	R 3.38	7.25	19.61	13.90
1992	2.69	6.56	5.52	9.12	11.08	R 11.01	R 3.09	6.74	19.60	13.45
1993	2.73	6.89	5.38	5.72	10.18	R 10.05	3.02	7.09	20.00	13.92
1994	2.83	7.19	5.35	7.40	11.08	10.98	2.93	7.47	19.61	14.06
1995	2.61	R 6.67	4.83	10.22	11.04	R 10.98	2.87	7.05	19.66	14.02
1996	2.62	6.99	5.80	4.47	12.66	R 12.35	3.29	7.50	19.44	13.93
1997	2.72	8.02	5.53	6.15	12.57	R 12.25	3.27	8.56	19.77	R 14.92
1998	2.81	R 7.90	4.43	9.38	11.48	11.41	2.84	R 8.26	20.34	R 15.59
1999	2.77	8.05	4.86	8.35	11.61	11.55	2.92	R 8.79	20.60	R 15.77
2000	2.87	R 8.80	8.35	10.38	15.40	15.30	4.38	R 10.30	20.67	R 16.34
2001	3.31	11.68	7.07	6.98	16.84	16.54	4.17	12.49	20.56	17.19
	Expenditures in Million Nominal Dollars									
1970	1.4	63.0	0.3	2.2	41.4	43.8	1.6	109.8	181.7	291.5
1975	0.3	82.0	1.1	2.5	62.8	66.4	3.2	151.9	368.5	520.4
1980	3.4	211.7	0.5	10.2	73.7	84.5	8.0	307.7	811.2	1,118.9
1985	R 2.1	280.1	R 1.1	2.9	63.8	R 67.8	22.7	R 372.7	1,098.4	R 1,471.1
1986	R 2.1	291.3	R 0.9	1.7	70.3	R 72.9	17.7	R 384.0	1,180.4	1,564.5
1987	R 2.2	325.9	R 0.6	2.0	90.0	R 92.6	14.3	435.0	1,245.2	1,680.2
1988	R 2.2	318.4	R 0.8	6.3	83.2	R 90.2	15.0	R 425.9	1,277.0	R 1,702.9
1989	R 1.0	301.7	R 0.8	3.3	103.5	R 107.6	17.2	R 427.5	1,307.0	R 1,734.5
1990	R 1.4	298.4	R 0.7	1.9	107.6	R 110.2	20.9	R 430.8	1,366.1	R 1,796.9
1991	0.2	325.4	R 0.5	2.2	104.0	R 106.7	R 21.1	R 453.3	1,424.7	R 1,878.0
1992	1.0	334.6	0.3	1.6	88.9	R 90.7	R 20.3	446.6	1,413.4	1,860.0
1993	0.5	364.7	R 0.4	1.4	105.1	R 106.8	R 15.0	487.0	1,544.2	2,031.2
1994	0.1	368.6	0.4	1.2	112.7	114.3	14.2	497.3	1,549.9	2,047.1
1995	0.1	340.1	R 0.3	3.8	114.0	118.1	15.5	473.7	1,630.9	R 2,104.6
1996	0.3	408.1	0.3	1.6	133.6	135.6	17.7	561.7	1,700.4	2,262.1
1997	0.5	404.9	R 1.3	2.0	136.8	R 140.1	8.4	R 554.0	1,678.8	R 2,232.8
1998	0.1	382.1	R 0.2	2.1	107.5	109.8	6.6	498.6	1,896.8	2,395.4
1999	0.2	355.7	0.2	2.1	196.0	198.3	7.3	561.4	1,901.4	R 2,462.8
2000	0.4	R 436.0	0.6	R 2.7	273.6	R 276.9	11.4	R 724.8	2,027.8	R 2,752.6
2001	0.1	593.7	1.6	1.5	241.6	244.7	9.3	847.8	1,950.1	2,797.9

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Alabama

Year	Primary Energy										Electricity	Total Energy [b]
	Coal	Natural Gas	Petroleum						Wood and Waste	Total [b]		
			Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total				
	Prices in Nominal Dollars per Million Btu											
1970	0.28	0.58	0.97	0.75	1.58	2.82	0.38	1.53	0.85	0.76	5.39	2.00
1975	1.07	1.04	2.22	2.24	3.07	4.26	1.69	2.96	1.69	1.46	8.98	3.97
1980	1.73	3.27	6.22	5.91	5.28	9.89	3.39	6.61	4.31	3.74	16.19	8.35
1985	1.86	5.27	6.13	6.93	5.16	9.15	4.02	R 5.77	4.88	R 5.21	20.01	R 11.51
1986	1.76	5.21	3.59	4.74	5.77	6.99	2.16	R 3.87	3.91	R 4.63	20.03	R 11.50
1987	1.63	5.31	4.04	5.95	5.11	7.27	2.67	R 4.40	3.73	R 4.78	19.36	R 11.87
1988	1.60	5.13	3.63	8.55	5.08	7.21	1.99	3.65	3.77	R 4.45	19.29	R 11.26
1989	1.65	5.01	4.15	7.26	7.80	7.96	2.38	R 4.71	4.16	R 4.81	19.65	R 12.01
1990	1.64	5.28	5.47	8.97	8.81	8.96	2.65	R 5.47	3.53	R 5.12	19.53	R 12.41
1991	1.64	5.59	4.77	6.35	9.75	8.69	2.13	R 5.59	3.38	R 5.52	19.81	R 13.38
1992	1.61	5.55	4.43	9.12	9.52	8.67	—	R 6.02	3.09	R 5.42	19.91	R 13.11
1993	1.59	6.01	4.30	5.72	9.61	8.62	—	R 5.93	3.02	R 5.86	20.15	R 13.61
1994	1.57	6.19	3.98	7.40	8.59	8.59	2.97	R 5.24	2.93	R 5.92	19.73	R 13.56
1995	1.59	R 5.64	4.07	10.22	8.99	8.92	2.40	R 5.83	2.87	R 5.62	19.80	R 13.66
1996	1.62	5.99	4.88	4.47	9.96	9.35	3.05	R 6.82	3.29	R 5.97	19.06	R 13.35
1997	1.63	6.70	4.66	6.15	10.18	9.40	—	R 6.86	3.27	R 6.50	18.61	R 13.61
1998	1.59	6.40	3.56	9.38	9.11	8.16	—	R 5.61	2.84	R 6.21	19.24	R 14.78
1999	1.60	R 6.45	4.21	8.35	9.42	8.75	—	R 6.75	2.92	R 6.40	19.23	R 14.63
2000	1.52	R 7.37	6.74	10.38	12.49	11.47	3.62	R 9.22	4.38	R 7.55	19.34	R 15.23
2001	1.59	10.08	5.93	6.98	13.31	10.59	—	8.49	4.17	9.61	19.22	15.88
	Expenditures in Million Nominal Dollars											
1970	0.4	21.8	1.5	1.8	5.2	5.8	(s)	14.2	(s)	36.5	94.6	131.0
1975	0.3	35.9	7.1	3.1	7.9	10.1	(s)	28.2	0.1	64.5	199.0	263.5
1980	7.5	96.5	23.2	5.9	8.9	13.4	0.1	51.5	0.2	155.7	397.2	552.9
1985	R 4.4	141.3	R 32.6	0.6	6.9	12.1	13.0	R 65.1	0.6	R 211.4	601.1	R 812.6
1986	R 4.3	135.7	R 15.0	0.8	8.9	9.3	7.6	R 41.5	0.5	R 182.0	635.2	R 817.2
1987	R 4.2	122.7	R 16.9	1.6	9.4	9.9	6.4	R 44.3	0.5	R 171.6	656.1	R 827.7
1988	R 4.8	135.0	R 15.1	0.6	9.1	9.2	8.8	R 42.8	0.5	R 183.1	674.0	R 857.1
1989	2.3	136.6	R 21.0	0.6	15.4	9.3	R 7.4	R 53.8	0.6	R 193.3	745.0	R 938.3
1990	R 3.4	131.9	R 23.5	0.6	15.1	12.1	R 10.1	R 61.5	1.3	R 198.1	772.3	R 970.4
1991	0.6	136.1	R 20.6	0.5	14.4	7.3	R 3.2	R 46.0	1.3	R 184.0	807.6	R 991.6
1992	R 2.8	144.1	R 20.0	0.9	13.5	6.3	—	R 40.7	1.3	R 189.0	785.0	R 974.0
1993	1.3	159.2	R 19.2	0.4	17.5	1.9	—	R 39.0	1.2	R 200.7	818.7	R 1,019.3
1994	0.3	162.9	R 21.8	0.4	15.4	1.9	(s)	R 39.5	1.2	R 203.9	841.8	R 1,045.7
1995	0.2	152.1	R 15.3	0.6	16.4	1.9	(s)	R 34.2	1.2	R 187.7	867.8	R 1,055.5
1996	1.5	179.5	R 15.8	0.2	18.6	2.0	(s)	R 36.6	1.5	R 219.2	907.0	R 1,126.1
1997	2.6	225.9	R 14.6	0.3	19.5	2.0	—	R 36.4	0.9	R 265.8	1,082.2	R 1,348.0
1998	0.3	170.9	R 11.8	1.1	15.1	1.7	—	R 29.7	0.8	R 201.7	1,201.8	R 1,403.5
1999	0.8	184.2	R 14.0	0.3	28.1	1.9	—	R 44.2	0.9	R 230.2	1,235.0	R 1,465.1
2000	1.8	R 196.7	R 29.4	R 0.5	39.1	2.5	(s)	R 71.5	1.4	R 271.4	1,302.2	R 1,573.6
2001	0.6	274.6	28.9	1.0	33.7	2.4	—	66.0	1.0	342.2	1,285.6	1,627.7

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Alabama

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	0.42	0.28	0.40	0.32	0.65	0.69	0.75	1.58	5.08	2.82	0.51	R 0.70	R 0.92	1.41	R 0.46	2.24	R 0.64
1975	1.50	1.07	1.39	0.73	1.85	2.04	2.24	3.07	7.48	4.26	1.74	R 1.83	R 2.10	1.41	R 1.36	5.40	R 1.85
1980	1.96	1.73	1.89	2.46	3.02	5.28	5.91	5.28	14.36	9.89	3.05	R 5.57	R 4.64	1.41	R 2.63	10.29	R 3.89
1985	2.02	1.86	1.95	4.09	4.72	6.09	6.95	5.16	17.61	9.15	4.02	R 5.68	R 5.97	1.41	3.48	13.60	R 5.24
1986	1.81	1.76	1.78	3.54	4.90	3.67	4.78	5.77	15.59	6.99	2.16	R 3.90	R 4.69	1.44	2.95	13.34	R 4.83
1987	1.71	1.63	1.68	3.01	3.37	4.29	4.33	5.11	13.58	7.27	2.67	R 4.41	R 4.41	1.44	R 2.68	13.23	R 4.57
1988	1.70	1.60	1.65	2.92	3.07	3.81	3.74	5.08	14.62	7.21	1.99	R 3.71	R 3.99	1.44	R 2.53	12.96	R 4.35
1989	1.74	1.65	1.71	2.93	2.86	4.51	5.12	7.80	14.48	7.96	2.38	5.07	R 4.66	R d 1.17	R d 2.57	12.72	R d 4.24
1990	1.83	1.64	R 1.76	3.07	2.94	5.78	7.15	8.81	14.60	8.96	2.65	6.12	R 5.40	R 0.97	R 2.83	12.73	R 4.51
1991	1.80	1.64	1.74	2.92	3.31	5.03	6.00	9.75	16.80	8.69	2.13	5.64	R 5.13	R 1.12	R 2.73	12.81	R 4.44
1992	1.78	1.61	1.70	2.99	2.03	4.79	5.02	9.52	18.32	8.67	2.13	5.65	4.72	R 1.12	R 2.60	12.57	R 4.26
1993	1.77	1.59	1.70	3.18	2.38	4.67	4.68	9.61	18.96	8.62	2.08	5.05	4.72	R 1.09	R 2.65	12.72	R 4.30
1994	1.77	1.57	1.69	3.16	2.44	4.41	4.85	5.03	19.11	8.59	2.24	4.90	4.36	R 1.10	R 2.50	12.07	R 3.98
1995	1.81	1.59	1.72	2.88	2.60	4.39	4.63	4.92	19.41	8.92	2.40	5.30	R 4.58	R 1.18	R 2.40	11.88	R 3.79
1996	1.84	1.62	1.75	3.52	3.12	5.29	5.82	6.29	20.08	9.35	3.05	7.17	R 5.16	R 0.93	R 2.64	11.42	R 4.02
1997	R 1.87	1.63	R 1.76	R 3.50	3.23	5.02	5.25	5.59	17.98	9.40	2.72	6.60	5.04	R 0.94	R 2.66	10.86	R 3.98
1998	R 1.78	1.59	R 1.69	R 3.17	3.11	3.89	3.83	4.16	19.07	8.16	1.91	5.03	R 4.46	1.25	R 2.41	11.41	R 3.91
1999	R 1.65	1.60	R 1.63	3.30	2.84	4.48	4.74	4.82	16.75	8.75	2.34	6.30	R 4.62	R 1.40	R 2.53	11.20	R 3.99
2000	R 1.62	1.52	R 1.57	R 4.28	3.80	7.01	7.95	8.28	17.99	11.47	3.62	R 8.31	R 6.08	1.45	R 3.08	11.35	R 4.48
2001	1.74	1.59	1.66	6.13	4.30	6.48	6.61	6.58	19.00	10.59	3.28	7.21	6.30	1.57	3.79	11.13	5.11
	Expenditures in Million Nominal Dollars																
1970	99.4	15.8	115.2	54.2	13.7	11.4	2.7	9.9	12.0	3.0	4.4	R 8.2	R 65.4	9.9	R 244.7	135.3	R 380.0
1975	269.2	63.6	332.8	102.4	33.2	52.4	3.8	20.1	20.0	4.4	61.1	R 30.7	R 225.7	11.0	R 671.9	372.7	R 1,044.6
1980	254.7	99.2	353.9	364.1	62.8	100.8	29.5	32.8	44.1	5.4	70.5	R 87.5	R 433.4	29.5	R 1,180.8	912.1	R 2,092.9
1985	156.1	116.1	272.2	498.5	117.7	R 92.0	0.8	19.1	49.2	24.4	2.2	R 149.6	R 455.0	34.5	R 1,260.2	1,036.4	R 2,296.6
1986	129.4	112.2	241.5	366.8	113.5	R 64.8	1.0	22.3	42.6	15.8	6.0	R 95.8	R 361.8	35.7	R 1,005.9	1,002.8	R 2,008.7
1987	144.5	107.2	251.7	312.1	102.0	R 69.7	0.7	22.7	42.0	16.8	7.0	R 113.9	R 374.8	35.5	R 974.1	1,049.6	R 2,023.7
1988	154.0	114.5	268.5	367.2	84.1	R 61.8	0.4	20.1	43.6	14.6	6.6	R 99.6	R 330.7	36.9	R 1,003.3	1,088.7	R 2,092.1
1989	154.7	94.5	R 249.2	397.0	85.0	R 96.1	0.5	31.7	44.3	20.8	3.5	106.4	R 388.2	R d 81.5	R d 1,115.8	1,087.7	R d 2,203.5
1990	160.8	90.8	R 251.6	402.3	84.3	R 154.1	0.6	28.7	45.9	20.9	R 5.3	145.7	R 485.4	R 55.9	R 1,195.2	1,098.8	R 2,294.0
1991	153.0	99.8	R 252.8	402.4	116.0	R 119.6	0.7	35.0	47.3	18.6	0.6	112.0	R 449.8	R 64.9	R 1,170.0	1,124.1	R 2,294.1
1992	157.6	124.7	R 282.3	445.8	66.6	R 113.3	1.0	44.0	52.5	19.8	2.2	114.4	R 413.9	R 70.6	R 1,212.5	1,164.3	R 2,376.8
1993	152.3	88.5	R 240.8	R 512.0	78.6	R 104.1	0.6	53.6	55.4	26.4	R 6.7	102.4	R 427.8	R 99.2	R 1,279.8	1,204.7	R 2,484.5
1994	154.3	92.7	R 247.1	R 509.4	81.9	R 115.1	0.9	30.0	58.4	28.5	R 11.5	101.9	R 428.2	R 136.7	R 1,321.4	1,169.4	R 2,490.8
1995	157.7	90.4	R 248.1	R 523.7	86.3	R 112.2	1.2	29.7	58.3	31.3	R 5.6	104.2	R 428.8	R 189.0	R 1,389.6	1,186.9	R 2,576.5
1996	160.3	102.2	R 262.5	R 636.5	118.1	R 156.3	1.6	30.2	58.5	33.0	R 10.0	57.1	R 464.8	R 137.5	R 1,501.3	1,211.0	R 2,712.4
1997	R 147.9	R 110.1	R 258.0	R 637.6	117.3	R 128.6	1.8	13.3	55.3	35.3	R 6.4	58.5	R 416.5	R 119.2	R 1,431.3	1,122.8	R 2,554.1
1998	R 117.1	R 96.4	R 213.6	R 551.7	92.0	R 84.2	0.9	2.8	61.4	22.1	R 7.4	47.2	R 317.9	R 201.7	R 1,284.8	1,217.0	R 2,501.8
1999	104.5	93.0	R 197.5	R 594.6	86.8	R 97.1	0.9	26.4	54.5	20.2	R 8.7	58.4	R 353.1	R 234.2	R 1,379.4	1,230.8	R 2,610.2
2000	R 96.4	86.7	R 183.1	R 770.5	129.3	R 119.5	1.0	46.2	57.7	26.5	R 30.4	R 73.4	R 483.9	R 245.7	R 1,683.2	1,262.3	R 2,945.5
2001	81.1	93.5	174.5	846.1	123.8	120.9	0.4	58.9	55.8	55.3	16.4	56.1	487.5	209.1	1,717.2	1,109.7	2,826.9

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Alabama

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.28	—	2.17	1.33	0.73	1.58	5.08	2.82	0.34	2.46	2.45	—	2.45
1975	1.07	—	3.45	2.92	2.03	3.07	7.48	4.26	1.47	3.67	3.67	—	3.67
1980	—	—	9.02	6.99	6.39	5.28	14.36	9.89	2.93	8.78	8.78	—	8.78
1985	—	—	9.99	6.54	6.17	R 5.56	17.61	9.15	3.72	R 8.35	R 8.35	—	R 8.35
1986	—	—	8.41	6.35	4.45	R 6.22	15.59	6.99	1.85	6.65	6.65	—	6.65
1987	—	—	7.55	6.73	4.39	R 5.50	13.58	7.27	1.92	R 6.90	R 6.90	—	R 6.90
1988	—	—	7.41	6.41	4.07	R 5.47	14.62	7.21	2.79	6.84	6.84	—	6.84
1989	—	—	8.28	7.06	4.64	R 8.40	14.48	7.96	2.15	R 7.42	R 7.42	—	R 7.42
1990	—	0.72	9.32	8.09	5.99	R 9.49	14.60	8.96	2.02	R 8.38	R 8.38	—	R 8.38
1991	—	—	8.71	7.57	5.03	R 10.50	16.80	8.69	1.71	R 7.99	R 7.99	—	R 7.99
1992	—	6.28	8.54	7.72	4.73	R 10.67	18.32	8.67	1.65	R 8.00	R 8.00	—	R 8.00
1993	—	4.47	8.24	7.76	4.41	R 10.81	18.96	8.62	1.58	8.01	8.01	—	8.01
1994	—	4.12	7.96	7.62	4.11	R 9.41	19.11	8.59	1.55	R 7.97	R 7.97	—	R 7.97
1995	—	3.41	8.36	7.61	4.06	R 9.74	19.41	8.92	1.91	R 8.16	R 8.16	21.54	R 8.16
1996	—	2.83	9.29	8.38	4.81	R 10.36	20.08	9.35	2.21	8.71	8.71	20.00	8.71
1997	—	2.32	9.39	8.18	4.54	R 10.49	17.98	9.40	R 2.76	8.82	8.82	—	8.82
1998	—	R 1.90	8.11	7.19	3.40	R 9.31	19.07	8.16	1.98	R 7.71	R 7.71	—	R 7.71
1999	—	R 7.36	8.81	7.59	4.03	R 10.82	16.75	8.75	R 1.67	R 8.30	R 8.30	—	R 8.30
2000	—	R 7.52	R 10.87	10.32	6.60	R 13.86	17.99	11.47	R 3.27	R 10.73	R 10.73	—	R 10.73
2001	—	8.62	11.01	9.61	5.82	15.38	19.00	10.59	3.48	10.17	10.17	—	10.17
	Expenditures in Million Nominal Dollars												
1970	0.1	—	3.8	41.3	7.2	0.6	13.0	538.8	3.5	608.3	608.4	—	608.4
1975	(s)	—	4.3	154.6	19.1	1.0	27.6	996.1	65.2	1,268.0	1,268.0	—	1,268.0
1980	—	—	11.3	449.8	72.3	0.9	42.3	2,282.5	64.6	2,923.8	2,923.8	—	2,923.8
1985	—	—	8.7	R 415.1	121.6	R 3.2	47.2	2,054.3	38.4	R 2,688.5	R 2,688.5	—	R 2,688.5
1986	—	—	8.7	R 400.1	93.5	R 3.3	40.9	1,679.9	15.7	R 2,242.1	R 2,242.1	—	R 2,242.1
1987	—	—	5.4	R 487.3	95.2	R 2.0	40.3	1,826.3	18.0	R 2,474.4	R 2,474.4	—	R 2,474.4
1988	—	—	5.9	R 526.4	42.2	R 1.8	41.8	1,823.0	35.7	R 2,476.7	R 2,476.7	—	R 2,476.7
1989	—	—	5.5	R 680.5	52.7	R 2.7	42.5	2,038.0	R 37.8	R 2,859.7	R 2,859.7	—	R 2,859.7
1990	—	(s)	5.4	R 759.4	63.1	R 3.3	44.0	2,283.7	R 36.4	R 3,195.5	R 3,195.5	—	R 3,195.5
1991	—	—	4.8	R 711.6	63.6	R 3.6	45.3	2,235.2	R 34.5	R 3,098.6	R 3,098.6	—	R 3,098.6
1992	—	R 0.1	4.6	R 738.7	55.4	R 3.3	50.4	2,278.2	R 36.4	R 3,166.9	R 3,167.0	—	R 3,167.0
1993	—	R 0.1	4.3	R 734.9	48.5	R 4.6	53.1	2,323.6	R 32.3	R 3,201.2	R 3,201.3	—	R 3,201.3
1994	—	R 0.1	4.4	R 793.7	80.6	R 6.6	56.0	2,361.6	R 22.5	R 3,325.4	R 3,325.5	—	R 3,325.5
1995	—	R 0.1	4.1	R 816.9	88.3	R 3.3	55.9	2,545.8	R 31.3	R 3,545.6	R 3,545.7	(s)	R 3,545.7
1996	—	R 0.1	4.4	R 862.9	95.7	R 2.9	56.1	2,646.8	R 34.0	R 3,702.9	R 3,703.0	(s)	R 3,703.0
1997	—	R 0.1	4.9	R 850.1	56.2	R 2.6	53.1	2,693.1	R 33.7	R 3,693.6	R 3,693.7	—	R 3,693.7
1998	—	R 0.1	3.4	R 738.5	67.9	R 0.6	58.9	2,419.0	R 10.3	R 3,298.4	R 3,298.5	—	R 3,298.5
1999	—	R 0.5	4.5	R 860.6	44.8	R 0.6	52.3	2,608.3	R 9.1	R 3,580.2	R 3,580.7	—	R 3,580.7
2000	—	R 0.5	R 4.5	R 1,228.3	87.9	R 2.0	55.3	3,387.4	R 59.4	R 4,824.9	R 4,825.4	—	R 4,825.4
2001	—	0.7	4.6	1,047.1	77.3	0.6	53.5	3,127.7	15.8	4,326.6	4,327.3	—	4,327.3

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Alabama (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.26	0.26	—	0.81	0.17	0.20	—	—	—	—	0.26
1975	0.92	1.08	1.69	2.16	—	2.08	0.14	—	—	—	0.88
1980	1.61	2.62	—	6.35	—	6.35	0.33	—	—	—	1.17
1985	2.02	3.17	—	6.00	—	6.00	0.77	—	—	—	1.74
1986	1.91	2.47	—	3.49	—	3.49	0.70	—	—	—	1.68
1987	1.92	2.10	—	4.03	—	4.03	0.69	—	—	—	1.69
1988	1.95	2.07	—	3.67	—	3.67	0.65	—	—	—	1.67
1989	1.87	2.21	—	4.14	—	4.14	0.60	0.67	—	—	1.60
1990	1.84	2.16	—	5.57	—	5.57	0.56	0.46	—	—	1.56
1991	1.81	1.87	—	5.12	—	5.12	0.71	0.50	—	—	1.54
1992	1.73	2.23	—	4.60	—	4.60	0.75	0.51	—	—	1.46
1993	1.76	2.60	—	4.25	—	4.25	0.67	0.55	—	—	1.51
1994	1.67	2.34	—	4.02	—	4.02	0.70	0.56	—	—	1.41
1995	1.56	1.98	—	3.76	—	3.76	0.51	0.70	—	—	1.30
1996	1.54	2.88	—	4.46	—	4.46	0.53	0.59	—	—	1.25
1997	1.54	2.77	—	4.05	—	4.05	0.59	0.50	—	—	1.26
1998	1.57	2.48	—	2.88	—	2.88	0.63	0.61	—	—	1.32
1999	1.48	2.95	—	3.26	—	3.26	0.53	0.67	—	—	1.23
2000	1.42	4.37	—	6.52	—	6.52	0.50	0.67	—	—	1.28
2001	1.41	5.05	—	5.52	—	5.52	0.46	0.47	—	—	1.38
	Expenditures in Million Nominal Dollars										
1970	98.6	4.2	—	0.1	0.4	0.6	—	—	—	—	103.4
1975	367.5	6.7	1.0	6.5	—	7.5	4.2	—	—	—	385.8
1980	755.2	4.1	—	4.8	—	4.8	85.2	—	—	—	849.4
1985	1,049.4	3.8	—	3.1	—	3.1	116.6	—	—	—	1,172.8
1986	996.9	2.8	—	1.4	—	1.4	85.7	—	—	—	1,086.8
1987	975.7	3.3	—	1.4	—	1.4	80.7	—	—	—	1,061.1
1988	947.4	5.5	—	3.7	—	3.7	88.9	—	—	—	1,045.6
1989	996.8	6.5	—	5.2	—	5.2	73.4	17.3	—	—	1,099.2
1990	989.0	12.2	—	4.3	—	4.3	71.1	12.1	—	—	1,088.6
1991	1,046.2	9.8	—	4.9	—	4.9	118.1	13.0	—	—	1,192.0
1992	1,049.8	11.0	—	3.8	—	3.8	151.4	12.6	—	—	1,228.7
1993	1,179.9	16.3	—	3.2	—	3.2	125.6	13.4	—	—	1,338.5
1994	1,048.9	13.3	—	5.1	—	5.1	150.0	13.1	—	—	1,230.5
1995	1,067.1	17.8	—	4.0	—	4.0	111.1	14.4	—	—	1,214.3
1996	1,141.1	22.4	—	7.8	—	7.8	164.9	11.9	—	—	1,348.1
1997	1,103.8	33.8	—	5.4	—	5.4	183.7	9.3	—	—	1,335.9
1998	1,148.9	70.7	—	7.9	—	7.9	189.5	11.1	—	—	1,428.0
1999	1,098.8	76.6	—	5.6	—	5.6	169.6	8.1	—	—	1,358.8
2000	1,116.2	189.7	—	17.8	—	17.8	163.7	2.2	—	—	1,489.6
2001	1,043.9	362.0	—	17.4	—	17.4	147.4	1.7	—	—	1,572.4

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Alaska

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.93	0.93	0.67	1.15	0.73	2.09	3.18	1.37	1.68	1.33	—	1.36	1.12	0.66	9.02	1.39
1975	—	1.40	1.40	0.89	2.88	2.04	3.80	5.15	2.34	3.30	3.00	—	1.52	2.20	0.95	9.61	2.70
1980	—	1.91	1.91	0.62	6.82	6.21	6.88	10.20	4.07	7.24	7.06	—	2.36	4.04	1.25	15.09	5.05
1985	—	R 2.89	R 2.89	1.23	7.62	6.07	13.62	9.83	4.53	7.34	7.03	—	2.63	4.66	1.71	24.52	R 5.93
1986	—	R 3.07	R 3.07	1.48	R 6.34	4.16	11.59	7.86	2.50	5.25	4.90	—	3.00	3.79	1.48	24.89	R 4.97
1987	—	2.00	2.00	1.42	R 6.32	4.13	11.33	7.90	3.15	4.77	R 5.11	—	R 3.05	R 3.77	1.87	26.64	R 5.05
1988	—	2.64	2.64	1.70	R 6.66	4.14	11.37	8.14	4.33	5.75	R 5.51	—	R 3.08	R 4.06	2.13	26.36	R 5.45
1989	—	1.95	1.95	R 1.81	R 7.53	4.69	14.88	8.65	3.90	7.28	6.21	—	R e 1.44	R e 4.61	R 1.83	27.06	R e 6.11
1990	—	R 3.65	R 3.65	R 1.95	R 8.40	6.17	15.10	10.03	R 5.30	7.86	R 7.55	—	R 1.59	R 5.36	R 2.33	27.81	R 6.87
1991	—	R 3.36	R 3.36	1.83	7.52	5.50	15.64	8.99	3.17	7.93	R 6.70	—	R 1.72	R 4.74	1.81	28.77	R 6.31
1992	—	R 3.11	R 3.11	1.75	R 7.29	5.15	14.68	9.95	3.16	7.76	R 6.77	—	R 1.67	R 4.71	1.91	29.20	R 6.22
1993	—	R 3.26	R 3.26	R 1.88	R 7.37	4.96	14.53	9.98	2.99	10.05	R 6.74	—	R 1.71	R 4.85	1.89	29.70	R 6.44
1994	—	2.19	2.19	1.86	R 6.92	4.53	13.72	10.50	2.83	10.59	R 6.43	—	R 1.46	R 4.69	R 1.85	30.07	R 6.36
1995	—	2.05	2.05	1.88	R 7.14	4.54	13.10	10.88	2.78	9.82	6.61	—	R 1.54	R 4.83	1.96	29.84	6.40
1996	—	2.05	2.05	R 1.92	R 7.72	5.22	14.40	11.73	R 2.94	13.20	R 7.12	—	R 1.45	R 5.12	2.15	30.04	R 6.74
1997	—	2.18	2.18	R 2.08	R 8.06	4.97	12.05	12.00	2.82	10.60	R 6.96	—	R 1.98	R 5.16	2.36	29.57	R 6.73
1998	—	R 2.06	R 2.06	R 2.02	R 6.62	3.63	10.46	10.19	2.67	11.23	R 5.54	—	R 3.14	R 4.27	R 2.35	29.29	R 5.80
1999	—	R 2.12	R 2.12	R 1.92	R 7.17	4.49	14.21	10.06	2.60	9.05	R 6.06	—	3.67	R 4.62	R 2.21	28.71	R 6.16
2000	—	R 1.87	R 1.87	R 2.40	R 9.97	7.10	17.70	12.77	R 2.75	R 9.00	R 8.51	—	R 5.46	R 6.60	R 2.16	29.60	R 8.52
2001	—	1.93	1.93	2.58	10.30	5.97	19.23	13.09	2.95	5.18	7.93	—	5.14	6.28	2.79	30.97	8.12
	Expenditures in Million Nominal Dollars																
1970	—	12.2	12.2	26.2	33.3	27.5	1.1	43.8	8.7	8.3	122.7	—	2.9	164.1	-9.9	33.9	188.1
1975	—	21.4	21.4	54.5	116.6	85.0	2.5	113.0	15.7	21.2	354.0	—	3.1	433.0	-26.9	65.9	472.0
1980	—	8.2	8.2	64.5	264.0	335.7	4.2	196.9	9.4	43.4	853.7	—	2.9	929.3	-48.3	129.5	1,010.6
1985	—	R 33.4	R 33.4	162.4	R 452.3	520.3	15.2	291.3	82.1	53.9	R 1,415.0	—	3.9	R 1,614.7	-77.0	331.5	R 1,869.2
1986	—	R 37.3	R 37.3	165.5	R 278.7	379.8	10.3	224.1	102.3	181.2	R 1,176.4	—	R 2.4	R 1,381.5	-66.3	339.3	R 1,654.5
1987	—	8.7	8.7	158.4	R 260.6	345.6	10.4	216.0	64.8	146.2	R 1,043.7	—	3.1	R 1,213.8	-73.8	353.4	R 1,493.4
1988	—	11.5	11.5	187.1	R 315.4	394.0	10.6	227.4	19.4	48.6	R 1,015.5	—	3.3	R 1,217.4	-84.0	358.8	R 1,492.1
1989	—	9.2	9.2	187.4	R 485.4	491.0	14.7	230.8	8.5	36.4	R 1,266.8	—	R e 10.3	R e 1,473.7	R -78.5	380.1	R e 1,775.3
1990	—	R 45.2	R 45.2	223.7	R 515.7	604.3	20.6	308.4	R 12.9	39.2	R 1,501.2	—	R 8.8	R 1,779.0	R -102.2	401.1	R 2,077.9
1991	—	R 42.6	R 42.6	R 212.5	R 426.9	528.3	22.3	241.2	10.0	43.7	R 1,272.4	—	R 9.6	R 1,537.0	-73.6	415.0	R 1,878.4
1992	—	R 38.9	R 38.9	R 210.7	R 491.3	426.9	20.6	307.3	R 13.2	36.7	R 1,295.8	—	R 9.5	R 1,554.9	R -72.2	429.5	R 1,912.3
1993	—	R 44.4	R 44.4	R 211.8	R 530.5	412.5	12.2	313.4	R 11.6	30.6	R 1,310.9	—	R 7.2	R 1,574.2	R -71.3	440.5	R 1,943.3
1994	—	27.5	27.5	R 193.2	R 457.0	413.3	11.1	359.4	R 10.7	21.8	R 1,273.2	—	R 9.3	R 1,503.1	-71.3	462.2	R 1,894.0
1995	—	26.4	26.4	R 208.6	R 530.7	435.6	11.4	405.6	R 11.5	31.4	R 1,426.2	—	R 10.2	R 1,671.4	R -77.6	468.4	R 2,062.2
1996	—	22.9	22.9	R 225.1	R 530.1	552.3	12.4	412.1	R 12.6	20.5	R 1,540.1	—	R 9.3	R 1,797.4	R -90.0	487.3	R 2,194.7
1997	—	25.5	25.5	R 250.9	R 560.7	594.6	13.0	394.8	R 13.9	33.1	R 1,610.1	—	R 4.9	R 1,891.4	R -107.1	485.2	R 2,269.5
1998	—	R 33.9	R 33.9	R 233.9	R 442.1	450.4	10.6	357.7	13.9	21.7	R 1,296.4	—	R 2.9	R 1,567.1	R -106.5	505.3	R 1,965.9
1999	—	R 34.8	R 34.8	R 225.0	R 506.7	602.0	13.6	336.8	R 17.5	39.6	R 1,516.2	—	3.0	R 1,778.9	R -104.5	514.6	R 2,188.9
2000	—	R 30.8	R 30.8	R 230.2	R 630.2	1,041.0	14.1	397.4	R 13.6	R 49.5	R 2,145.8	—	4.6	R 2,411.4	R -109.4	532.0	R 2,834.0
2001	—	30.7	30.7	249.6	699.4	821.5	18.0	435.4	20.6	75.6	2,070.5	—	3.7	2,354.5	-141.7	567.1	2,780.0

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Alaska

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	2.47	1.51	1.40	1.61	2.93	1.46	0.82	1.48	9.29	2.30
1975	2.87	1.62	2.80	3.23	6.07	2.90	1.62	2.24	10.16	3.24
1980	—	1.73	7.05	—	12.23	7.21	4.15	4.30	16.18	6.62
1985	7.75	2.79	7.81	10.64	13.97	R 8.33	R 4.69	R 5.07	25.96	R 9.16
1986	7.99	3.22	6.84	4.75	13.14	R 7.35	R 3.76	R 4.96	26.48	R 9.39
1987	—	3.18	6.24	4.47	13.02	R 6.69	3.58	R 4.58	28.75	R 9.32
1988	—	3.45	6.27	4.84	12.85	R 6.79	R 3.62	R 4.67	28.39	R 9.55
1989	—	R 3.65	6.95	5.13	15.85	R 7.62	R 3.99	R 5.26	28.72	9.70
1990	7.96	R 4.01	7.94	7.09	16.66	R 8.87	4.75	R 6.17	29.64	R 10.36
1991	10.99	4.17	7.57	5.55	17.04	R 8.62	R 4.55	R 6.31	31.28	10.59
1992	7.92	3.78	6.78	4.98	15.84	R 7.66	R 4.16	R 5.61	31.73	R 9.87
1993	7.96	3.99	6.93	5.45	15.66	R 7.45	4.06	R 5.67	32.67	R 10.15
1994	2.95	3.60	6.24	4.76	15.44	R 6.65	3.94	R 4.84	33.17	R 9.56
1995	2.04	3.61	6.01	4.81	14.86	R 6.42	3.86	R 4.73	32.93	R 9.37
1996	2.05	3.46	6.55	5.02	15.17	R 7.06	4.43	R 4.89	33.30	R 9.68
1997	2.18	3.77	7.02	4.67	16.11	R 7.38	4.41	R 5.18	33.53	R 10.13
1998	2.06	3.67	6.14	6.26	15.06	R 6.46	3.82	R 4.66	33.70	R 9.93
1999	2.13	3.64	6.97	6.21	15.23	R 7.46	3.93	R 5.11	32.70	R 9.69
2000	R 1.89	R 4.71	9.64	9.20	18.49	R 10.19	5.90	R 7.06	33.57	R 12.49
2001	1.95	4.19	9.93	20.30	20.27	10.71	5.62	6.66	35.51	11.79
	Expenditures in Million Nominal Dollars									
1970	0.6	9.4	11.1	0.2	0.9	12.1	0.3	22.5	16.7	39.2
1975	0.3	16.9	26.4	1.7	1.5	29.6	0.7	47.5	31.1	78.6
1980	—	13.8	48.2	—	2.6	50.8	1.6	66.2	60.3	126.4
1985	R 11.8	37.3	R 57.9	0.1	9.6	R 67.6	2.4	R 119.1	148.3	R 267.4
1986	R 14.4	39.3	R 43.1	(s)	7.3	R 50.4	1.9	R 106.0	146.8	R 252.8
1987	—	39.3	R 49.7	(s)	7.5	R 57.2	2.6	R 99.2	151.9	R 251.1
1988	—	43.4	R 43.6	0.1	7.9	R 51.6	2.8	R 97.7	154.0	R 251.7
1989	—	49.3	R 62.2	(s)	11.6	R 73.8	3.2	R 126.3	161.0	R 287.3
1990	R 12.4	53.7	R 72.0	0.1	18.1	R 90.2	4.3	R 160.7	168.0	R 328.7
1991	R 15.7	56.7	R 70.1	0.2	19.9	R 90.2	4.4	R 167.1	171.1	R 338.1
1992	R 11.6	54.4	R 72.3	(s)	18.3	R 90.6	4.2	R 160.8	177.5	R 338.4
1993	R 12.8	54.9	R 76.5	(s)	10.9	R 87.3	3.3	R 158.3	181.6	R 339.9
1994	3.6	53.6	R 70.5	0.3	8.5	R 79.3	3.2	R 139.7	191.1	R 330.8
1995	2.2	55.3	R 70.9	(s)	8.4	R 79.3	3.4	R 140.3	192.5	R 332.7
1996	R 1.8	55.3	R 73.6	(s)	10.7	R 84.3	3.9	R 145.4	200.7	R 346.0
1997	1.9	57.1	R 75.6	(s)	7.2	R 82.7	2.9	R 144.6	197.5	R 342.1
1998	1.9	57.3	R 59.8	(s)	5.3	R 65.2	2.3	R 126.7	203.3	R 330.0
1999	2.2	64.2	R 82.5	0.6	11.7	R 94.8	2.5	R 163.7	208.2	R 371.9
2000	R 1.7	R 57.2	R 97.2	0.7	12.5	R 110.5	3.9	R 173.3	212.5	R 385.8
2001	1.6	71.1	105.5	1.8	15.7	123.0	3.2	198.9	229.2	428.1

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Alaska

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	1.01	0.68	1.21	—	1.10	3.18	1.49	1.66	0.82	1.08	9.46	1.67
1975	1.57	0.97	2.60	—	2.32	5.15	2.52	3.21	1.62	1.81	10.83	2.60
1980	—	1.06	6.75	—	3.96	10.20	4.31	7.69	4.15	2.54	18.02	4.16
1985	2.45	2.35	6.93	10.64	13.07	9.83	—	R 7.65	4.69	R 3.47	24.36	R 6.93
1986	2.49	2.50	4.68	4.75	9.06	7.86	2.83	4.38	3.76	R 3.67	24.90	5.47
1987	—	2.39	5.34	4.47	8.52	7.90	3.26	R 4.27	3.58	R 3.68	25.78	R 5.67
1988	—	2.59	5.85	4.84	8.58	8.14	3.04	R 5.15	3.62	R 3.31	25.88	R 7.45
1989	—	R 2.58	5.83	5.13	12.13	8.65	—	R 6.13	3.95	R 3.28	26.62	R 8.08
1990	3.45	R 2.78	6.81	7.09	9.03	10.03	—	R 7.01	4.75	R 3.75	27.33	R 7.97
1991	2.71	2.88	6.73	5.55	9.29	8.99	—	6.98	4.55	3.62	27.86	R 8.00
1992	2.79	2.63	6.03	4.98	9.26	9.95	—	R 6.22	4.16	R 3.58	28.72	R 7.74
1993	2.97	2.80	6.30	5.45	9.21	9.98	—	R 6.35	4.06	R 3.83	28.75	R 8.02
1994	2.10	2.48	5.65	4.76	10.10	10.50	—	R 5.71	3.94	R 3.32	28.97	R 7.71
1995	2.05	2.26	5.92	4.81	10.22	10.88	—	R 6.07	3.86	R 2.84	28.75	R 7.33
1996	2.05	2.35	6.70	5.02	11.50	11.73	—	R 7.67	4.43	R 3.38	28.88	R 7.57
1997	2.18	2.44	6.37	4.67	11.70	12.00	—	R 6.79	3.14	R 3.04	29.03	R 7.39
1998	2.06	2.41	5.42	6.26	10.22	10.19	—	R 5.88	3.82	R 2.93	28.76	R 7.35
1999	2.13	2.18	6.19	6.21	10.51	10.06	—	R 6.48	3.93	R 2.99	28.08	R 7.21
2000	R 1.88	R 2.71	8.62	9.20	13.25	12.77	—	R 8.89	5.90	R 3.82	29.61	R 8.78
2001	1.93	3.13	8.23	20.30	14.42	13.09	—	9.57	5.62	5.32	31.07	10.17
	Expenditures in Million Nominal Dollars											
1970	0.2	8.6	3.0	—	0.1	4.1	7.5	14.7	(s)	23.5	15.4	38.9
1975	0.3	14.0	7.6	—	0.1	11.2	8.9	27.8	(s)	42.2	24.3	66.4
1980	—	17.5	22.7	—	0.1	13.8	0.1	36.8	(s)	54.3	44.8	99.0
1985	R 13.2	48.1	R 36.4	0.2	1.6	13.8	—	R 51.9	0.1	R 113.3	157.7	R 271.0
1986	R 15.0	52.7	R 23.2	134.1	0.9	8.3	29.4	R 195.8	0.1	R 263.6	166.3	R 429.9
1987	—	48.7	R 27.8	121.5	0.9	2.1	40.2	R 192.6	0.1	R 241.4	166.6	R 408.0
1988	—	54.2	R 27.7	5.2	0.9	2.2	5.9	R 41.9	0.1	R 96.2	168.9	R 265.1
1989	—	55.9	R 28.4	(s)	1.6	2.4	—	R 32.3	0.1	R 88.3	186.0	R 274.3
1990	R 21.6	56.9	R 41.6	(s)	1.7	2.7	—	R 46.1	0.3	R 124.8	198.9	R 323.8
1991	R 17.7	60.4	R 38.0	(s)	1.9	4.1	—	R 44.1	0.3	R 122.5	207.9	R 330.4
1992	R 18.6	56.2	R 55.1	(s)	1.9	3.0	—	R 60.0	0.3	R 135.1	215.0	R 350.1
1993	R 21.7	55.6	R 65.9	(s)	1.1	0.4	—	R 67.5	0.3	R 145.0	220.2	R 365.2
1994	14.7	51.3	R 60.2	(s)	1.0	0.6	—	R 61.8	0.3	R 128.1	230.7	R 358.8
1995	14.7	56.7	R 35.7	(s)	1.0	1.2	—	R 37.9	0.3	R 109.6	232.8	R 342.3
1996	R 13.5	63.4	R 46.1	(s)	1.4	18.0	—	R 65.5	0.3	R 142.7	239.4	R 382.1
1997	15.4	65.7	R 35.2	(s)	0.9	4.4	—	R 40.5	0.4	R 121.9	233.6	R 355.6
1998	15.3	65.3	R 33.7	(s)	0.6	6.1	—	R 40.5	0.3	R 121.3	246.2	R 367.5
1999	R 16.1	60.3	R 47.3	(s)	1.4	4.6	—	R 53.3	0.3	R 130.1	247.5	R 377.6
2000	R 13.6	R 54.6	R 58.0	(s)	1.6	4.2	—	R 63.9	0.5	R 132.5	244.4	R 376.9
2001	12.7	50.1	80.9	0.1	2.0	46.4	—	129.3	0.3	192.4	260.4	452.8

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Alaska

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	1.01	1.01	0.43	0.57	0.66	0.76	1.10	5.08	3.18	0.36	0.43	0.75	1.49	0.74	5.36	0.78
1975	—	1.57	1.57	0.81	1.80	2.68	3.02	2.32	7.48	5.15	1.85	1.31	2.65	1.49	1.65	6.79	1.83
1980	—	—	—	0.39	3.62	6.27	7.29	3.96	14.36	10.20	3.59	4.04	5.96	1.49	1.60	10.32	1.91
1985	—	—	—	0.71	4.47	6.72	6.59	13.07	17.61	9.83	4.40	3.39	R 5.59	1.49	R 2.31	19.13	R 2.54
1986	—	—	—	0.80	4.49	4.41	4.59	9.06	15.59	7.86	2.34	—	R 3.21	1.49	R 1.92	18.53	2.20
1987	—	—	—	0.73	4.25	4.78	4.59	8.52	13.58	7.90	2.70	—	R 4.50	1.49	R 1.60	22.97	R 2.11
1988	—	—	—	1.07	3.93	5.03	4.74	8.58	14.62	8.14	—	—	R 4.89	1.49	R 2.06	21.63	R 2.57
1989	—	—	—	1.08	3.19	5.78	5.25	12.13	14.48	8.65	—	—	5.62	[d] 1.13	R [d] 2.19	22.80	R [d] 2.73
1990	—	—	—	1.28	3.14	6.72	6.84	9.03	14.60	10.03	3.46	—	R 6.18	R 0.92	R 2.13	23.17	R 2.62
1991	—	—	—	1.18	3.28	5.91	5.79	9.29	16.80	8.99	2.53	—	5.49	R 1.08	R 2.08	24.08	R 2.54
1992	—	—	—	1.18	2.80	5.75	4.92	9.26	18.32	9.95	2.45	—	R 5.35	R 1.09	R 2.06	22.70	R 2.49
1993	—	2.97	2.97	1.30	2.95	6.12	4.89	9.21	18.96	9.98	2.28	—	R 5.91	R 1.08	R 2.31	24.01	R 2.80
1994	—	2.10	2.10	1.42	3.13	5.76	4.76	10.13	19.11	10.50	2.71	—	R 5.66	R 1.06	R 2.50	24.52	R 3.08
1995	—	—	—	1.44	3.21	5.34	5.01	9.61	19.41	10.88	2.74	—	R 5.26	R 1.14	R 2.61	24.56	R 3.17
1996	—	2.05	2.05	1.43	3.39	6.07	5.73	9.24	20.08	11.73	2.86	—	R 6.06	R 0.92	R 2.89	24.81	R 3.46
1997	—	2.18	2.18	1.54	3.46	6.18	5.73	8.87	17.98	12.00	2.99	—	R 6.29	R 0.95	R 3.06	21.93	R 3.71
1998	—	2.06	R 2.06	1.34	3.59	4.09	3.96	7.75	19.07	10.19	—	—	R 4.38	R 1.38	R 2.35	21.00	R 3.07
1999	—	2.13	R 2.13	1.25	3.55	6.19	4.13	8.28	16.75	10.06	—	—	R 6.17	1.62	R 2.86	21.44	R 3.65
2000	—	R 1.88	R 1.88	1.98	3.45	7.94	7.87	11.29	17.99	12.77	—	—	R 7.46	1.62	R 3.93	22.17	R 5.26
2001	—	1.93	1.93	1.64	3.76	9.57	6.57	12.78	19.00	13.09	4.78	—	6.89	1.62	4.04	22.31	5.09
	Expenditures in Million Nominal Dollars																
1970	—	8.6	8.6	5.1	1.0	6.9	0.1	0.2	(s)	1.8	0.1	0.1	10.2	2.6	26.5	1.7	28.3
1975	—	16.5	16.5	13.5	3.8	30.8	0.5	0.8	1.1	2.9	0.3	0.5	40.7	2.4	73.1	10.6	83.6
1980	—	—	—	19.5	7.4	64.0	0.8	1.3	1.8	5.9	0.3	2.5	84.0	1.2	104.8	24.5	129.2
1985	—	—	—	45.2	14.4	R 66.6	0.1	3.3	2.0	21.0	66.0	3.3	R 176.7	1.4	R 223.3	25.5	R 248.8
1986	—	—	—	34.9	11.1	R 28.6	0.1	1.9	1.7	15.9	61.8	—	R 121.2	0.4	R 156.5	26.2	R 182.7
1987	—	—	—	35.5	7.2	R 23.0	(s)	1.9	1.7	16.7	15.1	—	R 65.7	0.4	R 101.6	34.9	R 136.5
1988	—	—	—	48.3	18.2	R 53.7	(s)	1.6	1.8	2.7	—	—	R 78.1	0.4	R 126.7	35.8	R 162.6
1989	—	—	—	37.7	5.8	R 62.2	(s)	1.2	1.8	2.9	—	—	R 73.9	R [d] 6.9	R [d] 118.5	33.0	R [d] 151.5
1990	—	—	—	58.5	5.6	R 55.0	(s)	0.6	1.9	2.9	R 1.7	—	R 67.7	R 4.2	R 130.4	34.1	R 164.5
1991	—	—	—	59.1	5.6	R 66.6	(s)	0.3	1.9	2.7	3.0	—	R 80.1	R 4.9	R 144.1	36.0	R 180.2
1992	—	—	—	65.9	4.9	R 74.8	(s)	0.3	2.1	3.0	R 3.1	—	R 88.2	R 5.0	R 159.1	37.0	R 196.1
1993	—	0.1	0.1	R 66.1	0.8	R 82.4	0.1	0.2	2.3	2.1	R 2.8	—	R 90.7	R 3.6	R 160.4	38.7	R 199.1
1994	—	0.2	0.2	R 55.4	1.4	R 77.6	(s)	1.5	2.4	3.1	R 3.8	—	R 89.8	R 5.8	R 151.1	40.4	R 191.5
1995	—	—	—	R 58.2	1.8	R 95.2	(s)	1.9	2.4	3.5	R 5.0	—	R 109.8	R 6.4	R 174.4	43.2	R 217.6
1996	—	0.1	0.1	R 61.3	0.6	R 130.6	(s)	0.2	2.4	3.9	R 3.0	—	R 140.6	R 5.0	R 207.0	47.2	R 254.3
1997	—	0.1	0.1	R 69.7	1.3	R 127.5	(s)	4.9	2.3	3.4	R 1.1	—	R 140.4	R 1.6	R 211.8	54.2	R 265.9
1998	—	(s)	R (s)	R 59.4	1.5	R 84.6	(s)	4.6	2.5	4.2	—	—	R 97.4	R 0.3	R 157.2	55.9	R 213.1
1999	—	(s)	R (s)	R 51.7	3.1	R 117.5	(s)	0.4	2.2	1.3	—	—	R 124.5	0.1	R 176.4	58.9	R 235.3
2000	—	(s)	R (s)	R 55.2	7.1	R 103.9	(s)	(s)	2.3	1.7	—	—	R 115.0	0.1	R 170.4	75.2	R 245.5
2001	—	(s)	(s)	51.1	47.4	126.4	(s)	0.2	2.3	5.2	(s)	—	181.5	0.1	232.7	77.5	310.3

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Alaska

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	1.01	—	2.17	1.46	0.73	1.10	5.08	3.18	1.11	1.39	1.39	—	1.39
1975	1.57	—	3.45	3.13	2.04	—	7.48	5.15	2.14	3.06	3.06	—	3.06
1980	—	—	9.02	7.39	6.21	3.96	14.36	10.20	—	7.31	7.31	—	7.31
1985	—	—	9.99	8.00	6.07	13.07	17.61	9.83	4.55	7.27	7.27	—	7.27
1986	—	—	8.41	7.33	4.16	9.06	15.59	7.86	2.42	5.45	5.45	—	5.45
1987	—	—	7.55	6.58	4.13	8.52	13.58	7.90	3.23	R 5.30	R 5.30	—	R 5.30
1988	—	—	7.41	7.50	4.14	8.58	14.62	8.14	4.61	R 5.47	R 5.47	—	R 5.47
1989	—	—	8.28	8.51	4.69	12.13	14.48	8.65	3.34	R 6.19	R 6.19	—	R 6.19
1990	—	—	9.32	9.03	6.17	9.03	14.60	10.03	5.00	R 7.54	R 7.54	—	R 7.54
1991	—	—	8.71	8.35	5.50	9.29	16.80	8.99	2.96	R 6.69	R 6.69	—	R 6.69
1992	—	—	8.54	8.49	5.15	9.26	18.32	9.95	3.24	R 6.89	R 6.89	—	R 6.89
1993	—	—	8.24	8.43	4.96	9.21	18.96	9.98	2.88	R 6.85	R 6.85	—	R 6.85
1994	—	—	7.96	8.23	4.53	9.28	19.11	10.50	2.80	R 6.56	R 6.56	—	R 6.56
1995	—	—	8.36	8.62	4.54	9.51	19.41	10.88	2.83	R 6.83	R 6.83	—	R 6.83
1996	—	—	9.29	9.97	5.22	9.39	20.08	11.73	2.94	R 7.32	R 7.32	—	R 7.32
1997	—	R 3.81	9.39	10.11	4.97	9.16	17.98	12.00	R 2.76	R 7.11	R 7.11	—	R 7.11
1998	—	R 3.84	8.11	8.89	3.63	8.05	19.07	10.19	2.53	R 5.66	R 5.66	—	R 5.66
1999	—	R 3.84	8.81	8.19	4.49	10.17	16.75	10.06	R 2.67	R 6.01	R 6.01	—	R 6.01
2000	—	R 5.19	R 10.87	11.38	7.10	13.17	17.99	12.77	R 2.63	R 8.60	R 8.60	—	R 8.60
2001	—	3.99	11.01	11.43	5.97	14.56	19.00	13.09	2.65	7.93	7.93	—	7.93
	Expenditures in Million Nominal Dollars												
1970	(s)	—	5.1	8.5	27.5	(s)	1.8	37.9	0.9	81.7	81.8	—	81.8
1975	(s)	—	8.1	39.3	85.0	—	5.5	98.9	6.5	243.3	243.3	—	243.3
1980	—	—	22.7	112.1	335.7	0.1	8.2	177.1	—	655.9	655.9	—	655.9
1985	—	—	24.7	R 270.1	520.3	0.7	9.1	256.5	0.5	R 1,081.9	R 1,081.9	—	R 1,081.9
1986	—	—	26.2	R 173.3	379.8	0.3	7.9	199.9	1.7	R 789.1	R 789.1	—	R 789.1
1987	—	—	7.9	R 136.9	345.6	0.2	7.8	197.2	2.4	R 697.9	R 697.9	—	R 697.9
1988	—	—	15.2	R 168.5	394.0	0.3	8.1	222.5	4.1	R 812.7	R 812.7	—	R 812.7
1989	—	—	20.5	R 314.1	491.0	0.3	8.2	225.6	2.5	R 1,062.2	R 1,062.2	—	R 1,062.2
1990	—	—	23.1	R 317.7	604.3	0.2	8.5	302.7	R 4.3	R 1,261.0	R 1,261.0	—	R 1,261.0
1991	—	—	27.2	R 229.7	528.3	0.1	8.8	234.3	1.4	R 1,029.7	R 1,029.7	—	R 1,029.7
1992	—	—	19.8	R 263.4	426.9	0.1	9.8	301.3	6.4	R 1,027.7	R 1,027.7	—	R 1,027.7
1993	—	—	17.1	R 286.2	412.5	0.1	10.3	310.9	R 2.1	R 1,039.1	R 1,039.1	—	R 1,039.1
1994	—	—	6.9	R 224.3	413.3	0.1	10.8	355.7	1.8	R 1,012.9	R 1,012.9	—	R 1,012.9
1995	—	—	16.4	R 303.8	435.6	0.1	10.8	400.9	R 2.0	R 1,169.6	R 1,169.6	—	R 1,169.6
1996	—	—	6.6	R 252.1	552.3	0.1	10.9	390.2	0.1	R 1,212.3	R 1,212.3	—	R 1,212.3
1997	—	R (s)	19.3	R 294.6	594.6	0.1	10.3	387.0	(s)	R 1,305.9	R 1,305.9	—	R 1,305.9
1998	—	R (s)	6.2	R 239.8	450.4	(s)	11.4	347.3	0.1	R 1,055.4	R 1,055.4	—	R 1,055.4
1999	—	R (s)	23.5	R 233.7	602.0	(s)	10.1	330.9	R 3.9	R 1,204.1	R 1,204.2	—	R 1,204.2
2000	—	R (s)	R 28.6	R 351.9	1,041.0	(s)	10.7	391.5	R 1.9	R 1,825.7	R 1,825.7	—	R 1,825.7
2001	—	0.1	13.6	358.4	821.5	0.1	10.4	383.8	0.9	1,588.7	1,588.7	—	1,588.7

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Alaska (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.68	0.37	1.35	1.68	—	1.68	—	—	1.31	—	0.66
1975	0.96	0.51	2.86	3.10	—	3.10	—	—	—	—	0.95
1980	1.91	0.48	4.08	5.48	—	4.90	—	—	—	—	1.25
1985	1.80	0.92	5.18	7.06	—	6.12	—	—	—	—	1.71
1986	1.82	1.11	2.82	4.15	—	3.40	—	—	—	—	1.48
1987	2.00	1.13	3.68	9.50	—	6.94	—	—	—	—	1.87
1988	2.64	1.33	5.70	8.81	—	7.56	—	—	—	—	2.13
1989	1.95	1.32	4.19	6.31	—	5.61	—	0.67	—	—	1.83
1990	2.46	1.55	6.38	10.36	—	9.27	—	—	5.84	—	2.33
1991	1.94	1.16	3.73	7.31	—	6.14	—	—	4.60	—	1.81
1992	1.99	1.18	3.97	7.25	—	6.57	—	—	4.37	—	1.91
1993	2.11	1.25	3.48	6.22	—	5.18	—	—	4.01	—	1.89
1994	2.10	1.13	2.93	7.28	—	5.78	—	—	4.09	—	1.85
1995	2.05	1.29	2.81	7.28	—	5.85	—	—	4.04	—	1.96
1996	2.05	1.45	2.96	7.28	—	5.30	—	—	3.82	—	2.15
1997	2.18	1.74	2.80	8.00	—	5.06	—	—	3.77	—	2.36
1998	2.05	1.80	2.67	7.72	—	4.57	—	0.61	4.01	—	2.35
1999	2.11	1.59	2.58	7.04	—	4.41	—	—	4.92	—	2.21
2000	1.87	1.77	2.77	7.91	—	4.64	—	—	3.04	—	2.16
2001	1.92	2.36	2.96	9.86	—	5.05	—	—	3.29	—	2.79
	Expenditures in Million Nominal Dollars										
1970	2.9	3.1	(s)	3.9	—	3.9	—	—	(s)	—	9.9
1975	4.3	10.1	(s)	12.5	—	12.6	—	—	—	—	26.9
1980	8.2	13.8	9.1	17.2	—	26.3	—	—	—	—	48.3
1985	8.4	31.8	15.5	21.3	—	36.8	—	—	—	—	77.0
1986	7.8	38.5	9.4	10.6	—	19.9	—	—	—	—	66.3
1987	8.7	34.8	7.1	23.3	—	30.4	—	—	—	—	73.8
1988	11.5	41.3	9.4	21.7	—	31.2	—	—	—	—	84.0
1989	9.2	44.5	6.1	18.6	—	24.6	—	0.2	—	—	78.5
1990	11.3	54.6	6.9	29.4	—	36.2	—	—	(s)	—	102.2
1991	9.1	36.3	5.6	22.6	—	28.2	—	—	(s)	—	73.6
1992	8.7	34.1	3.7	25.7	—	29.3	—	—	(s)	—	72.2
1993	9.9	35.2	6.7	19.5	—	26.2	—	—	(s)	—	71.3
1994	9.0	32.8	5.2	24.3	—	29.5	—	—	(s)	—	71.3
1995	9.5	38.4	4.5	25.1	—	29.6	—	—	(s)	—	77.6
1996	7.4	45.1	9.6	27.8	—	37.4	—	—	(s)	—	90.0
1997	8.1	58.4	12.7	27.9	—	40.6	—	—	(s)	—	107.1
1998	16.6	51.9	13.8	24.1	—	37.9	—	(s)	(s)	—	106.5
1999	16.4	48.7	13.6	25.8	—	39.4	—	—	(s)	—	104.5
2000	15.5	63.2	11.7	19.1	—	30.8	—	—	(s)	—	109.4
2001	16.4	77.2	19.7	28.4	—	48.0	—	—	(s)	—	141.7

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Arizona

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.21	0.21	0.54	1.10	0.76	2.08	2.80	0.48	1.06	1.96	—	1.05	1.29	0.33	5.32	1.97
1975	—	0.23	0.23	1.01	2.49	2.12	4.06	4.62	2.08	2.83	3.45	—	1.44	2.25	0.84	9.65	3.87
1980	—	1.01	1.01	2.86	6.57	6.59	6.85	9.68	3.92	6.13	8.14	—	2.17	4.48	1.35	15.68	8.38
1985	—	1.36	1.36	4.92	6.90	6.20	R 10.23	9.06	3.79	7.03	8.17	0.65	2.48	4.61	1.61	21.15	R 10.03
1986	—	1.42	1.42	4.12	R 5.61	4.25	R 9.81	7.24	2.36	6.28	6.52	0.65	2.09	R 3.67	1.26	21.87	9.11
1987	—	1.33	1.33	4.10	R 6.58	4.36	R 10.03	7.77	2.33	5.23	R 6.98	0.82	1.86	3.79	1.22	21.31	R 9.74
1988	—	1.42	1.42	4.45	R 6.08	4.15	R 9.30	7.31	2.37	5.27	R 6.57	0.77	1.87	3.36	1.18	21.73	R 9.71
1989	—	1.38	1.38	3.92	R 6.73	4.80	R 11.78	8.19	2.76	5.21	R 7.34	0.85	R e 1.66	e 3.96	1.38	22.10	R e 10.34
1990	—	1.45	1.45	4.52	R 7.84	6.04	R 11.98	9.22	3.31	5.24	R 8.32	0.72	R 3.22	R 3.95	1.21	22.81	R 11.19
1991	—	1.43	1.43	4.58	7.48	5.03	R 12.46	8.57	2.65	6.24	7.76	0.70	R 3.10	3.64	1.14	23.09	R 10.91
1992	—	1.40	1.40	4.57	R 7.44	4.72	R 10.74	9.23	2.53	5.67	R 8.10	0.55	R 2.90	3.69	1.08	23.94	R 11.44
1993	—	1.38	1.38	4.86	R 8.22	4.69	R 10.63	9.58	2.43	6.27	R 8.53	0.58	R 3.06	3.99	1.12	24.05	R 11.68
1994	—	1.40	1.40	R 4.64	R 7.87	4.24	R 11.91	9.58	3.08	6.21	R 8.48	0.57	R 2.90	R 3.94	R 1.12	23.23	R 11.50
1995	—	1.42	1.42	R 4.63	R 7.82	4.34	R 11.42	9.64	2.82	6.01	R 8.49	0.49	R 2.67	4.02	R 1.01	22.32	R 11.27
1996	—	1.47	1.47	R 4.88	R 8.72	5.11	R 11.98	10.56	3.32	6.55	R 9.33	0.49	R 3.10	4.41	R 1.06	22.11	R 11.82
1997	—	1.45	1.45	R 4.93	R 8.35	4.90	R 13.49	10.59	2.87	6.09	R 9.19	0.49	R 3.08	R 4.29	R 1.07	21.63	R 11.68
1998	—	1.35	1.35	R 4.92	R 7.40	3.55	12.46	8.89	2.16	5.33	R 7.74	R 0.47	R 3.61	R 3.82	R 1.02	21.48	R 10.75
1999	—	1.35	1.35	R 4.95	R 8.10	4.44	R 12.22	9.66	R 3.02	5.19	R 8.42	R 0.45	R 3.70	R 4.12	R 1.06	21.20	R 11.15
2000	—	1.26	1.26	R 5.95	R 10.43	7.08	R 15.40	12.03	R 5.25	R 6.06	R 10.71	R 0.44	R 5.52	R 5.03	R 1.37	21.25	R 12.79
2001	—	1.27	1.27	6.19	9.58	5.93	17.41	11.54	5.32	6.45	10.24	0.46	4.82	5.04	1.52	21.30	12.68
	Expenditures in Million Nominal Dollars																
1970	—	1.8	1.8	96.8	31.3	27.5	10.2	316.9	0.3	31.4	417.7	—	0.7	R 516.9	R -23.3	250.1	743.7
1975	—	21.1	21.1	148.4	147.1	82.9	16.9	671.9	77.7	60.4	1,056.8	—	1.2	1,227.5	R -129.5	697.1	1,795.0
1980	—	247.0	247.0	434.0	412.0	289.7	40.0	1,555.4	33.0	118.0	2,448.1	—	7.1	R 3,135.6	R -398.2	1,431.6	4,169.0
1985	—	465.7	465.7	580.6	R 406.4	244.4	R 63.5	1,720.1	4.2	150.5	R 2,589.1	7.8	10.4	R 3,653.6	-580.3	2,381.4	R 5,454.7
1986	—	421.1	421.1	379.7	R 365.5	181.0	R 60.8	1,438.4	0.6	135.2	R 2,181.6	68.4	10.5	R 3,061.3	R -489.1	2,536.2	R 5,108.3
1987	—	376.1	376.1	426.6	R 392.6	202.5	R 71.3	1,603.2	1.8	113.0	R 2,384.2	114.8	8.1	R 3,309.8	R -535.4	2,664.5	R 5,438.8
1988	—	439.6	439.6	487.9	R 365.1	195.0	R 58.4	1,544.4	0.8	119.5	R 2,283.2	188.1	8.5	R 3,407.2	R -668.9	2,886.0	R 5,624.3
1989	—	R 488.3	R 488.3	R 510.3	R 438.8	217.4	R 62.8	1,748.2	2.6	108.8	R 2,578.6	70.8	R e 8.9	R e 3,656.9	R -657.5	3,030.3	R e 6,029.7
1990	—	R 498.2	R 498.2	R 464.0	R 518.8	285.9	R 59.0	1,903.9	0.5	108.0	R 2,876.0	156.7	R 20.2	R 4,015.1	R -694.2	3,181.1	R 6,502.0
1991	—	R 497.2	R 497.2	468.8	R 447.3	270.2	R 64.7	1,827.7	2.4	122.4	R 2,734.7	184.4	R 21.1	R 3,907.9	R -708.2	3,249.4	R 6,449.1
1992	—	R 516.3	R 516.3	R 493.1	R 494.9	219.1	R 65.1	2,014.1	1.2	140.3	R 2,934.8	146.7	R 20.5	R 4,111.4	R -711.1	3,516.4	R 6,916.7
1993	—	R 536.2	R 536.2	R 487.0	R 678.5	207.4	R 70.6	2,164.4	2.9	127.5	R 3,251.3	133.7	R 18.5	R 4,426.7	R -704.7	3,644.6	R 7,366.6
1994	—	R 562.8	R 562.8	R 529.0	R 634.7	177.7	R 80.8	2,264.4	3.9	137.4	R 3,299.0	138.1	R 18.3	R 4,547.1	R -733.9	3,747.3	R 7,560.5
1995	—	R 486.4	R 486.4	R 504.0	R 688.8	186.7	R 80.2	2,370.9	R 1.4	154.7	R 3,482.7	138.7	R 21.0	R 4,637.4	R -645.4	3,700.4	R 7,692.3
1996	—	R 502.3	R 502.3	R 525.9	R 883.3	229.6	R 70.3	2,721.0	R 2.2	181.9	R 4,088.4	148.4	R 21.8	R 5,286.7	R -696.1	3,929.6	R 8,520.2
1997	—	R 534.7	R 534.7	R 584.8	R 871.1	221.4	R 58.7	2,698.3	0.3	186.0	R 4,035.8	R 151.4	R 22.9	R 5,331.3	R -743.7	4,019.2	R 8,606.8
1998	—	R 523.9	R 523.9	R 694.5	R 804.3	174.4	R 60.6	2,439.6	0.3	210.9	R 3,690.0	R 149.1	R 16.5	R 5,074.1	R -751.4	4,091.9	R 8,414.6
1999	—	R 544.8	R 544.8	R 736.6	R 951.8	242.2	R 79.9	2,762.3	R 0.8	197.1	R 4,234.2	R 143.6	18.2	R 5,677.3	R -809.9	4,170.2	R 9,037.6
2000	—	546.1	546.1	R 1,114.4	R 1,210.7	418.9	R 92.2	3,536.2	R 2.3	R 215.4	R 5,475.7	R 139.7	R 28.0	R 7,304.3	R -1,141.3	4,431.2	R 10,594.2
2001	—	539.5	539.5	1,380.5	1,205.3	333.5	103.8	3,516.3	8.4	183.9	5,351.3	138.3	22.7	7,432.9	-1,286.7	4,525.6	10,671.8

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Arizona

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	—	1.13	1.27	2.88	2.65	2.48	0.72	1.28	6.99	2.95
1975	—	1.46	2.82	4.65	5.55	4.52	1.43	1.72	11.67	5.27
1980	—	3.88	7.27	—	8.46	8.46	3.66	4.19	18.28	11.09
1985	3.85	6.69	4.00	11.18	10.25	10.13	4.14	6.93	24.18	16.31
1986	—	6.06	4.74	4.99	9.97	9.84	3.32	6.34	25.37	17.33
1987	2.62	5.89	3.74	4.70	10.81	R 10.62	3.16	R 6.40	25.09	R 17.20
1988	2.63	6.76	4.98	5.09	9.52	9.44	R 3.20	6.92	25.65	R 18.20
1989	—	R 6.65	4.98	5.38	14.20	14.07	3.53	R 7.27	25.93	R 18.79
1990	3.02	6.64	7.57	7.44	13.79	R 13.67	4.75	7.00	26.49	R 18.35
1991	3.06	6.82	7.36	5.83	14.13	14.06	R 4.55	7.20	26.80	18.53
1992	2.80	7.02	6.97	5.23	11.46	R 11.39	R 4.16	7.13	28.08	19.75
1993	2.47	7.00	7.33	5.72	11.72	R 11.64	4.06	7.10	28.27	20.13
1994	2.28	R 7.33	6.88	5.00	13.43	R 13.33	3.94	7.51	27.25	19.86
1995	2.21	R 7.53	6.86	5.05	12.57	R 12.50	3.86	7.62	26.64	19.69
1996	2.20	7.44	7.56	5.27	13.93	R 13.76	4.43	7.63	26.22	19.88
1997	2.72	7.66	8.03	4.90	15.72	R 15.55	4.41	7.86	25.85	19.50
1998	2.87	8.36	6.92	6.57	13.33	R 13.25	3.82	8.40	25.43	19.05
1999	R 3.48	R 8.99	7.61	6.52	12.72	12.69	3.93	R 8.97	25.01	19.29
2000	2.62	9.33	7.20	9.66	15.93	R 15.88	5.90	9.69	24.73	19.61
2001	2.85	10.45	10.29	21.36	18.64	18.57	5.62	10.85	24.32	19.80
	Expenditures in Million Nominal Dollars									
1970	—	35.6	0.7	1.1	8.4	10.2	0.3	46.1	103.3	149.3
1975	—	58.2	3.6	2.0	11.2	16.8	0.6	75.5	284.3	359.8
1980	—	119.6	0.1	—	20.4	20.5	3.8	143.9	601.2	745.0
1985	(s)	200.5	0.3	0.2	35.3	35.8	6.4	242.7	1,010.5	1,253.2
1986	—	159.6	0.3	0.1	33.3	33.6	5.0	198.3	1,085.5	1,283.7
1987	(s)	173.7	0.4	0.1	43.6	R 44.0	2.7	R 220.3	1,183.1	1,403.5
1988	(s)	197.2	0.2	0.1	29.8	30.0	2.8	230.0	1,289.0	1,519.0
1989	—	188.0	0.2	(s)	43.0	43.2	3.2	234.4	1,349.0	1,583.4
1990	(s)	207.7	R 0.4	(s)	38.6	R 39.0	16.4	R 263.1	1,390.1	1,653.3
1991	(s)	219.2	0.2	(s)	44.5	44.8	R 16.6	280.5	1,430.3	R 1,710.8
1992	(s)	205.5	0.2	0.1	39.0	R 39.3	R 16.0	R 260.8	1,555.1	1,815.8
1993	(s)	202.8	R 0.3	(s)	34.9	R 35.3	14.8	R 252.8	1,611.4	R 1,864.2
1994	(s)	223.8	R 0.2	0.1	41.2	R 41.5	14.1	R 279.4	1,693.5	R 1,972.9
1995	(s)	210.3	0.2	0.1	44.2	44.5	15.3	R 270.2	1,639.5	R 1,909.7
1996	(s)	208.4	R 0.4	0.1	39.5	R 40.0	17.5	R 265.9	1,766.6	R 2,032.5
1997	(s)	243.2	0.3	0.1	40.9	R 41.3	18.0	R 302.5	1,824.0	R 2,126.5
1998	(s)	R 306.8	0.2	0.1	49.5	49.8	14.1	370.8	1,874.9	2,245.6
1999	R (s)	300.7	R 0.2	0.1	65.5	R 65.7	15.5	R 382.0	1,921.8	2,303.7
2000	(s)	327.6	R 0.2	0.1	71.8	R 72.1	24.4	424.0	2,096.1	2,520.1
2001	(s)	389.4	0.4	0.1	79.6	80.0	19.8	489.3	2,174.4	2,663.6

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Arizona

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	—	0.60	1.12	0.77	1.05	2.80	0.63	1.51	0.72	0.69	5.57	2.51
1975	—	1.10	2.62	2.35	2.67	4.62	2.08	2.95	1.43	1.33	10.03	4.68
1980	—	3.00	6.94	—	5.72	9.68	—	7.63	3.66	3.44	16.68	9.99
1985	1.80	5.33	5.94	11.18	10.11	9.06	4.13	R 7.15	4.14	R 5.56	22.33	R 15.25
1986	—	4.47	3.53	4.99	9.51	7.24	—	R 5.33	3.32	4.58	22.87	R 15.69
1987	1.95	4.38	4.16	4.70	8.94	7.77	—	R 6.08	3.16	4.64	21.20	R 14.40
1988	1.84	4.81	3.83	5.09	9.01	7.31	2.30	R 5.20	3.20	4.85	21.80	R 15.11
1989	—	R 4.56	4.79	5.38	8.49	8.19	—	R 6.04	3.53	R 4.71	22.05	R 15.42
1990	1.97	4.64	5.63	7.44	9.49	9.22	—	R 7.13	4.75	R 4.97	23.08	R 16.14
1991	2.01	4.95	5.24	5.83	9.75	8.57	2.53	7.27	4.55	5.25	23.60	16.65
1992	2.02	5.04	4.96	5.23	9.72	9.23	—	R 7.58	4.16	R 5.32	24.34	R 17.41
1993	2.03	4.92	5.19	5.72	9.67	9.58	—	R 7.46	4.06	5.15	24.47	R 17.58
1994	2.05	5.13	4.76	5.00	10.60	9.58	—	R 6.10	3.94	R 5.20	23.39	R 16.94
1995	2.03	5.06	5.06	5.05	10.74	9.64	—	R 6.58	3.86	R 5.17	22.58	R 16.67
1996	1.98	4.97	6.00	5.27	12.07	10.56	3.14	R 6.90	4.43	R 5.20	22.47	R 16.67
1997	1.99	5.20	5.39	4.90	12.28	10.59	—	R 6.31	4.41	5.33	21.79	R 16.23
1998	2.01	5.90	4.12	6.57	10.73	8.89	—	R 4.83	3.82	R 5.68	21.27	R 15.79
1999	R 2.07	6.07	5.39	6.52	11.04	9.66	—	R 6.29	3.74	R 6.08	20.93	R 15.96
2000	1.88	6.62	7.79	9.66	13.91	12.03	—	R 8.73	5.65	R 6.94	20.54	R 16.18
2001	1.90	7.81	6.87	21.36	15.18	11.54	—	8.25	5.15	7.84	20.82	16.85
	Expenditures in Million Nominal Dollars											
1970	—	14.3	1.4	0.1	0.6	2.2	0.1	4.3	(s)	18.7	89.1	107.8
1975	—	37.8	7.4	0.2	0.9	4.3	1.1	13.9	(s)	51.8	245.1	296.9
1980	—	86.2	11.3	—	2.4	9.1	—	22.9	0.1	109.2	519.3	628.5
1985	(s)	141.3	R 16.0	0.1	6.1	6.7	(s)	R 29.0	0.2	R 170.5	936.7	R 1,107.1
1986	—	111.6	R 7.9	0.5	5.6	6.3	—	R 20.4	0.2	R 132.1	1,021.0	R 1,153.2
1987	(s)	125.6	R 10.9	0.5	6.4	14.6	—	R 32.3	0.1	R 158.1	1,036.0	R 1,194.0
1988	(s)	140.6	R 10.1	(s)	5.0	5.3	(s)	R 20.4	0.1	R 161.1	1,110.0	R 1,271.1
1989	—	136.1	R 10.6	0.1	4.5	5.5	—	R 20.7	0.1	R 157.0	1,187.0	R 1,344.0
1990	(s)	136.0	R 14.9	0.1	4.7	12.4	—	R 32.2	1.0	R 169.3	1,264.5	R 1,433.8
1991	(s)	139.9	R 9.2	0.1	5.4	16.7	0.2	R 31.6	1.1	R 172.6	1,272.6	R 1,445.2
1992	0.1	140.9	R 7.4	(s)	5.8	14.9	—	R 28.2	1.0	R 170.2	1,359.0	R 1,529.2
1993	(s)	139.5	R 7.5	(s)	5.1	9.6	—	R 22.3	1.2	R 163.0	1,395.5	R 1,558.4
1994	(s)	153.8	R 10.9	(s)	5.7	1.7	—	R 18.3	1.2	R 173.3	1,417.8	R 1,591.2
1995	0.2	148.1	R 10.4	(s)	6.7	1.8	—	R 18.9	1.2	R 168.4	1,429.9	R 1,598.3
1996	(s)	145.5	R 20.7	0.1	6.0	1.9	0.1	R 28.8	1.4	R 175.8	1,499.1	R 1,674.9
1997	(s)	160.3	R 20.6	0.1	5.6	1.9	—	R 28.3	2.0	R 190.5	1,525.9	R 1,716.4
1998	(s)	190.7	R 26.9	0.1	7.0	1.7	—	R 35.7	1.7	R 228.1	1,574.0	R 1,802.0
1999	R (s)	193.1	R 29.7	0.2	10.0	1.8	—	R 41.7	1.9	R 236.8	1,620.0	R 1,856.8
2000	(s)	215.0	R 39.4	R 0.1	11.1	2.3	—	R 52.9	2.9	R 270.8	1,703.7	R 1,974.5
2001	(s)	244.6	30.6	0.4	11.4	2.4	—	44.9	2.2	291.7	1,754.7	2,046.3

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Arizona

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.63	0.63	0.41	0.60	0.72	0.77	1.05	5.08	2.80	0.36	—	0.86	1.46	0.58	3.56	1.00
1975	—	0.98	0.98	0.72	1.87	2.19	2.35	2.67	7.48	4.62	1.87	1.31	2.38	1.46	1.42	7.16	2.54
1980	—	1.58	1.58	2.57	3.63	5.15	5.45	5.72	14.36	9.68	3.95	4.04	5.19	1.47	3.54	11.39	5.27
1985	—	1.80	1.80	4.25	4.76	6.20	6.91	10.11	17.61	9.06	4.13	—	6.35	1.47	R 3.89	15.05	6.56
1986	—	1.74	1.74	3.77	4.33	3.85	4.81	9.51	15.59	7.24	2.29	—	R 4.95	1.54	R 3.21	15.07	R 5.88
1987	—	1.95	1.95	3.62	3.21	4.43	4.81	8.94	13.58	7.77	2.88	—	R 4.75	1.54	R 3.76	15.37	R 7.16
1988	—	1.84	1.84	3.66	3.28	4.08	4.98	9.01	14.62	7.31	2.30	—	R 4.66	1.54	3.73	15.41	R 7.15
1989	—	1.92	1.92	R 3.51	2.84	4.99	5.51	8.49	14.48	8.19	2.51	—	4.83	R d 1.27	R d 3.76	15.80	R d 7.22
1990	—	1.97	1.97	R 3.59	2.71	5.69	7.19	9.49	14.60	9.22	3.18	—	R 5.23	R 1.05	R 4.07	16.36	R 7.92
1991	—	2.01	2.01	3.43	3.34	5.38	6.07	9.75	16.80	8.57	2.53	12.63	R 5.42	R 1.17	R 4.07	16.35	R 8.02
1992	—	2.02	2.02	4.03	2.99	5.39	5.16	9.72	18.32	9.23	2.41	15.91	R 5.22	R 1.17	4.23	16.88	R 8.26
1993	—	2.03	2.03	3.91	2.95	5.63	5.13	9.67	18.96	9.58	2.33	13.75	5.62	R 1.20	R 4.36	17.01	R 8.56
1994	—	2.05	2.05	3.47	2.96	5.24	4.99	10.64	19.11	9.58	2.60	17.18	R 5.58	R 1.24	R 4.17	16.49	R 8.04
1995	—	2.03	2.03	3.67	3.29	5.38	5.26	10.09	19.41	9.64	2.78	17.23	R 5.50	R 1.27	R 4.30	15.42	R 7.66
1996	—	1.98	1.98	3.76	3.55	6.34	6.01	9.71	20.08	10.56	3.14	6.47	R 6.20	R 1.03	R 4.79	15.22	R 8.02
1997	—	1.99	1.99	3.52	3.57	5.73	6.01	9.31	17.98	10.59	2.83	5.93	R 5.70	R 1.03	R 4.45	14.80	R 7.65
1998	—	2.01	2.01	3.21	3.57	4.26	4.16	8.14	19.07	8.89	2.16	4.18	R 4.57	1.62	3.85	15.02	R 7.13
1999	—	2.07	2.07	R 3.37	3.20	5.27	4.34	8.69	16.75	9.66	2.76	5.47	R 4.90	1.62	R 4.11	14.79	R 7.24
2000	—	1.88	1.88	R 4.74	3.17	7.81	8.27	13.32	17.99	12.03	4.44	R 7.92	R 6.51	1.62	R 5.34	15.45	R 8.33
2001	—	1.90	1.90	6.19	3.46	6.96	6.92	13.45	19.00	11.54	3.78	6.69	6.68	1.62	5.79	15.37	8.61
	Expenditures in Million Nominal Dollars																
1970	—	0.1	0.1	25.2	14.6	5.8	0.4	1.0	3.6	6.7	0.1	—	32.1	0.4	57.8	57.8	115.6
1975	—	2.6	2.6	38.5	28.9	39.6	1.6	4.3	9.3	10.7	1.2	(s)	95.6	0.6	137.3	167.7	305.0
1980	—	20.6	20.6	101.5	49.6	107.1	2.3	15.5	23.0	15.7	3.8	0.1	217.1	3.2	342.5	311.1	653.7
1985	—	69.7	69.7	73.4	81.0	R 65.0	0.4	18.4	25.7	19.2	0.8	—	R 210.6	3.8	R 357.4	434.2	R 791.7
1986	—	80.6	80.6	33.2	72.7	R 63.4	0.9	18.7	22.2	15.9	0.5	—	R 194.4	5.4	R 313.7	429.7	R 743.4
1987	—	25.9	25.9	66.6	53.1	R 53.3	0.7	19.2	21.9	16.6	0.3	—	R 165.1	5.4	R 262.9	445.3	R 708.2
1988	—	22.7	22.7	91.4	58.4	R 44.9	1.5	21.3	22.7	15.5	0.5	—	R 164.8	5.6	R 284.5	487.0	R 771.5
1989	—	27.4	27.4	68.5	45.0	R 90.1	1.5	13.0	23.1	18.1	0.1	—	R 190.8	R d 5.6	R d 292.3	494.3	R d 786.6
1990	—	26.1	26.1	61.0	42.6	R 91.3	0.7	13.6	24.0	24.4	R 0.2	—	R 196.8	R 2.7	R 286.5	526.5	R 813.1
1991	—	27.6	27.6	61.6	48.3	R 81.0	1.2	12.5	24.7	16.6	1.9	7.6	R 193.7	R 3.4	R 286.4	546.5	R 832.9
1992	—	25.9	25.9	75.7	59.1	R 85.3	(s)	18.1	27.4	16.8	1.0	10.8	R 218.6	R 3.5	R 323.7	602.3	R 926.0
1993	—	27.3	27.3	85.1	45.5	R 83.0	(s)	28.3	28.9	17.0	R 2.5	9.7	R 215.0	R 2.5	R 329.9	637.7	R 967.7
1994	—	30.1	30.1	92.4	50.6	R 84.3	(s)	30.5	30.5	18.4	0.7	10.6	R 225.6	R 3.0	R 351.0	635.9	R 986.9
1995	—	26.6	26.6	105.4	68.5	R 112.6	(s)	27.2	30.4	20.6	1.2	9.9	R 270.5	R 4.6	R 407.0	630.9	R 1,037.9
1996	—	26.5	26.5	102.5	57.9	R 150.1	0.1	23.4	30.5	24.1	1.6	46.0	R 333.6	R 2.8	R 465.5	663.8	R 1,129.3
1997	—	27.3	27.3	100.3	64.1	R 141.2	0.1	11.1	28.9	25.2	0.3	47.7	R 318.6	R 3.0	R 449.2	669.3	R 1,118.5
1998	—	27.0	27.0	91.8	94.0	R 89.9	0.2	3.8	32.1	21.9	0.3	34.6	R 276.7	R 0.7	R 396.1	643.1	R 1,039.2
1999	—	27.3	27.3	92.4	80.9	R 127.6	0.1	3.7	28.5	16.8	R 0.5	43.1	R 301.1	0.7	R 421.5	628.4	R 1,049.9
2000	—	30.0	30.0	R 101.6	72.1	R 192.1	0.1	8.0	30.1	21.2	R 0.6	R 62.2	R 386.5	0.7	R 518.8	631.5	R 1,150.2
2001	—	28.0	28.0	132.3	58.9	175.8	0.1	12.1	29.1	54.9	0.6	46.5	378.0	0.7	538.9	596.6	1,135.5

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Arizona

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.63	—	2.17	1.26	0.76	1.05	5.08	2.80	—	2.20	2.20	—	2.20
1975	0.98	—	3.45	2.74	2.12	2.67	7.48	4.62	—	3.93	3.93	—	3.93
1980	—	—	9.02	7.34	6.59	5.72	14.36	9.68	—	8.79	8.79	—	8.79
1985	—	—	9.99	7.15	6.20	R 10.88	17.61	9.06	—	8.40	8.40	—	8.40
1986	—	—	8.41	6.42	4.25	R 10.51	15.59	7.24	—	6.73	6.73	—	6.73
1987	—	—	7.55	7.44	4.36	R 9.88	13.58	7.77	—	7.23	7.23	—	7.23
1988	—	—	7.41	6.74	4.15	R 9.98	14.62	7.31	—	6.79	6.79	—	6.79
1989	—	—	8.28	7.62	4.80	R 9.46	14.48	8.19	—	7.64	7.64	—	7.64
1990	—	—	9.32	8.79	6.04	R 10.59	14.60	9.22	—	8.69	8.69	—	8.69
1991	—	3.73	8.71	8.38	5.03	R 10.96	16.80	8.57	—	7.98	7.98	—	7.98
1992	—	3.52	8.54	8.23	4.72	R 10.93	18.32	9.23	—	8.46	8.46	—	8.46
1993	—	3.47	8.24	8.89	4.69	R 10.87	18.96	9.58	—	8.85	8.85	—	8.85
1994	—	3.82	7.96	8.69	4.24	R 10.95	19.11	9.58	—	8.82	8.82	—	8.82
1995	—	3.62	8.36	8.72	4.34	R 11.22	19.41	9.64	—	8.88	8.88	—	8.88
1996	—	3.42	9.29	9.65	5.11	R 11.08	20.08	10.56	—	9.78	9.77	—	9.77
1997	—	3.41	9.39	9.38	4.90	R 10.81	17.98	10.59	—	9.70	9.70	—	9.70
1998	—	4.39	8.11	8.51	3.55	R 9.50	19.07	8.89	—	8.22	R 8.21	—	R 8.21
1999	—	R 5.20	8.81	9.08	4.44	R 12.01	16.75	9.66	—	R 8.91	R 8.91	—	R 8.91
2000	—	5.77	R 10.87	R 11.40	7.08	R 15.54	17.99	12.03	—	R 11.27	R 11.26	—	R 11.26
2001	—	6.72	11.01	10.46	5.93	17.18	19.00	11.54	—	10.65	10.64	—	10.64
	Expenditures in Million Nominal Dollars												
1970	(s)	—	4.7	23.4	27.5	0.2	7.1	308.1	—	370.9	370.9	—	370.9
1975	(s)	—	6.2	75.8	81.7	0.5	12.1	656.9	—	833.4	833.4	—	833.4
1980	—	—	12.8	277.0	289.7	1.6	30.2	1,530.5	—	2,141.9	2,141.9	—	2,141.9
1985	—	—	9.3	R 317.5	244.4	R 3.6	33.7	1,694.3	—	R 2,302.8	R 2,302.8	—	R 2,302.8
1986	—	—	9.6	R 288.7	181.0	R 3.3	29.2	1,416.2	—	R 1,928.1	R 1,928.1	—	R 1,928.1
1987	—	—	7.9	R 319.7	202.5	R 2.2	28.7	1,572.1	—	R 2,133.1	R 2,133.1	—	R 2,133.1
1988	—	—	7.0	R 305.0	195.0	R 2.4	29.8	1,523.5	—	R 2,062.7	R 2,062.7	—	R 2,062.7
1989	—	—	8.8	R 332.4	217.4	R 2.2	30.3	1,724.6	—	R 2,315.7	R 2,315.7	—	R 2,315.7
1990	—	—	9.1	R 406.2	285.9	R 2.1	31.5	1,867.1	—	R 2,601.9	R 2,601.9	—	R 2,601.9
1991	—	0.1	8.3	R 352.6	270.2	R 2.2	32.4	1,794.3	—	R 2,460.1	R 2,460.2	—	R 2,460.2
1992	—	R 0.5	6.8	R 398.6	219.1	R 2.2	36.0	1,982.4	—	R 2,645.1	R 2,645.6	—	R 2,645.6
1993	—	R 0.6	5.3	R 584.9	207.4	R 2.3	37.9	2,137.8	—	R 2,975.6	R 2,976.3	—	R 2,976.3
1994	—	R 0.8	5.7	R 537.6	177.7	R 3.4	40.0	2,244.4	—	R 3,008.7	R 3,009.5	—	R 3,009.5
1995	—	R 1.0	5.9	R 562.4	186.7	R 2.1	39.9	2,348.5	—	R 3,145.4	R 3,146.4	—	R 3,146.4
1996	—	R 1.2	7.2	R 709.0	229.6	R 1.4	40.1	2,695.0	—	R 3,682.3	R 3,683.5	—	R 3,683.5
1997	—	R 1.3	7.1	R 705.6	221.4	R 1.0	37.9	2,671.1	—	R 3,644.2	R 3,645.4	—	R 3,645.4
1998	—	R 2.7	7.8	R 684.4	174.4	0.2	42.1	2,416.0	—	R 3,325.0	R 3,327.7	—	R 3,327.7
1999	—	R 3.8	7.0	R 792.3	242.2	R 0.8	37.3	2,743.7	—	R 3,823.3	R 3,827.2	—	R 3,827.2
2000	—	R 4.6	R 11.2	R 961.2	418.9	R 1.3	39.5	3,512.7	—	R 4,944.8	R 4,949.4	—	R 4,949.4
2001	—	6.3	10.6	977.9	333.5	0.7	38.2	3,459.1	—	4,820.1	4,826.4	—	4,826.4

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Arizona (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.21	0.35	0.60	0.68	—	0.61	—	—	—	0.99	0.33
1975	0.21	0.73	2.08	2.27	—	2.12	—	—	2.65	2.02	0.84
1980	0.98	2.41	3.92	6.48	—	4.57	—	—	—	3.59	1.35
1985	1.31	3.74	3.71	6.22	—	5.15	0.65	—	—	—	1.61
1986	1.36	2.35	3.51	3.64	—	3.64	0.65	—	—	4.80	1.26
1987	1.30	2.20	2.24	4.34	—	3.80	0.82	—	—	4.65	1.22
1988	1.41	2.24	2.47	4.27	—	4.07	0.77	—	—	4.58	1.18
1989	1.36	2.24	2.77	4.50	—	3.76	0.85	—	—	4.60	1.38
1990	1.43	2.37	3.48	5.11	—	5.03	0.72	—	—	5.66	1.21
1991	1.41	2.01	3.86	4.99	—	4.89	0.70	—	4.60	3.06	1.14
1992	1.37	2.21	3.23	4.67	—	4.53	0.55	—	—	3.19	1.08
1993	1.35	2.81	3.55	5.11	—	4.87	0.58	—	—	2.89	1.12
1994	1.37	2.18	3.22	4.28	—	3.53	0.57	—	4.09	2.27	1.12
1995	1.39	1.73	2.99	5.10	—	4.87	0.49	—	4.04	2.18	1.01
1996	1.44	2.98	3.97	5.39	—	5.11	0.49	—	—	2.31	1.06
1997	1.42	2.94	4.09	5.32	—	5.31	0.49	—	3.77	1.62	1.07
1998	1.33	2.39	—	4.29	—	4.29	0.47	—	4.01	—	1.02
1999	1.33	2.64	3.59	4.80	—	4.61	0.45	—	—	—	1.06
2000	1.24	4.78	5.66	8.60	—	8.24	0.44	—	3.04	—	1.37
2001	1.25	4.60	5.50	8.11	—	7.18	0.46	([b])	3.29	—	1.52
	Expenditures in Million Nominal Dollars										
1970	1.8	21.7	0.1	(s)	—	0.1	—	—	—	0.2	23.3
1975	18.5	13.9	75.4	21.8	—	97.2	—	—	0.2	0.2	129.5
1980	226.3	126.7	29.2	16.5	—	45.7	—	—	—	0.5	398.2
1985	396.0	165.5	3.4	7.7	—	11.0	7.8	—	—	—	580.3
1986	340.5	75.2	0.1	5.1	—	5.1	68.4	—	—	(s)	489.1
1987	350.2	60.7	1.5	8.3	—	9.8	114.8	—	—	(s)	535.4
1988	416.9	58.7	0.3	4.9	—	5.2	188.1	—	—	(s)	668.9
1989	460.9	117.7	2.6	5.6	—	8.2	70.8	—	—	(s)	657.5
1990	472.1	59.3	0.2	6.0	—	6.2	156.7	—	—	(s)	694.2
1991	469.6	47.9	0.3	4.2	—	4.5	184.4	—	1.7	(s)	708.2
1992	490.3	70.5	0.2	3.3	—	3.6	146.7	—	—	(s)	711.1
1993	508.8	59.0	0.4	2.8	—	3.2	133.7	—	—	(s)	704.7
1994	532.7	58.2	3.2	1.7	—	4.9	138.1	—	(s)	(s)	733.9
1995	459.6	39.2	0.2	3.2	—	3.4	138.7	—	4.6	(s)	645.4
1996	475.7	68.3	0.6	3.2	—	3.7	148.4	—	—	(s)	696.1
1997	507.4	79.7	(s)	3.4	—	3.4	151.4	—	2.1	0.3	743.7
1998	496.9	102.5	—	2.9	—	2.9	149.1	—	0.1	—	751.4
1999	517.5	146.4	0.3	2.1	—	2.4	143.6	—	—	—	809.9
2000	516.1	465.5	1.6	17.9	—	19.5	139.7	—	0.5	—	1,141.3
2001	511.5	607.9	7.8	20.5	—	28.3	138.3	([b])	0.6	—	1,286.7

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[b] Electric plants used landfill gas at no charge.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Arkansas

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	—	—	0.38	0.98	0.72	1.63	2.74	0.43	1.31	1.98	—	1.20	1.03	0.26	4.78	1.51
1975	—	1.22	1.22	0.79	2.39	2.01	3.12	4.60	1.72	2.71	3.32	0.24	1.43	2.10	0.72	7.80	2.96
1980	—	1.43	1.43	2.27	6.04	6.34	6.97	9.93	3.23	6.02	7.59	0.54	1.86	4.34	1.46	12.77	6.58
1985	—	1.60	1.60	3.83	R 6.37	5.96	R 8.72	8.80	4.01	8.24	R 7.87	0.77	1.71	R 4.13	1.37	18.24	R 8.02
1986	—	1.58	1.58	3.53	R 5.25	3.93	R 7.68	6.84	2.37	8.58	R 6.37	0.71	1.64	3.54	1.33	19.61	R 7.48
1987	—	1.57	1.57	3.34	R 5.96	4.07	R 7.43	7.28	2.74	7.79	R 6.81	0.75	1.66	R 3.60	1.28	19.00	R 7.95
1988	—	1.60	1.60	3.43	R 5.55	3.66	R 7.85	7.13	3.08	7.10	R 6.56	0.74	1.66	3.65	1.34	18.74	R 7.42
1989	—	1.64	1.64	3.39	R 6.19	4.27	R 7.31	7.69	2.95	8.47	R 7.13	0.75	R e 1.22	R e 3.71	1.39	19.04	R e 7.11
1990	—	1.62	1.62	3.27	R 7.37	5.90	R 10.34	8.86	2.55	9.33	R 8.41	0.73	R 1.06	R 3.97	1.32	19.78	R 8.14
1991	—	1.61	1.61	3.36	R 7.14	5.01	R 11.45	8.81	2.30	9.36	R 8.34	0.70	R 1.21	R 3.90	1.27	19.76	R 8.27
1992	—	1.66	1.66	3.44	R 6.90	4.52	R 10.37	8.69	2.00	8.01	R 8.09	0.64	R 1.19	R 3.92	1.32	19.81	R 8.07
1993	—	1.71	1.71	R 3.79	R 6.89	4.45	R 9.79	8.56	2.08	7.58	R 7.95	0.56	R 1.16	R 3.95	1.29	19.60	R 8.06
1994	—	1.61	1.61	R 3.69	R 6.84	4.30	R 7.97	8.62	2.37	8.73	R 7.87	0.48	R 1.17	R 3.86	1.20	18.86	R 7.89
1995	—	1.62	1.62	R 3.07	R 6.63	4.28	R 7.82	8.75	2.23	8.50	R 7.89	0.52	R 1.24	R 3.77	1.28	18.62	R 7.58
1996	—	1.51	1.51	3.78	R 7.67	5.13	R 9.47	9.42	2.43	7.32	R 8.51	0.51	R 1.00	R 4.06	1.26	18.19	R 8.05
1997	—	1.64	1.64	R 4.30	R 7.31	4.69	R 9.02	9.32	2.83	6.71	R 8.25	0.49	R 0.96	R 4.18	1.29	18.17	R 8.13
1998	—	1.48	1.48	R 3.95	R 6.26	3.50	R 7.64	7.99	R 2.16	5.70	R 7.03	0.50	R 1.27	R 3.72	1.24	17.07	R 7.55
1999	—	1.47	1.47	R 4.08	R 6.75	4.12	R 8.59	8.51	R 1.79	6.42	R 7.47	R 0.51	R 1.42	R 3.97	1.27	16.79	R 7.76
2000	—	1.43	1.43	5.45	R 9.36	6.61	R 11.30	11.20	3.98	R 8.31	R 9.99	R 0.52	R 1.49	R 5.22	1.42	17.04	R 9.33
2001	—	0.91	0.91	6.92	8.84	5.48	11.40	10.60	4.61	7.94	9.58	0.51	1.61	5.07	1.03	17.89	9.94
	Expenditures in Million Nominal Dollars																
1970	—	—	—	133.8	31.1	8.5	62.4	323.7	2.4	40.1	468.2	—	11.6	613.6	-29.3	217.4	801.8
1975	—	1.1	1.1	185.8	133.2	21.7	109.4	666.5	97.6	100.6	1,129.0	12.7	14.5	1,343.0	-82.2	480.4	1,741.3
1980	—	52.6	52.6	581.7	376.2	70.0	123.7	1,381.9	100.3	264.4	2,316.5	46.0	23.9	3,020.6	-286.3	1,149.8	3,884.1
1985	—	351.1	351.1	636.9	R 475.2	65.7	R 115.2	1,230.3	17.0	179.3	R 2,082.8	81.3	23.0	R 3,175.1	-449.9	1,440.1	R 4,165.3
1986	—	354.7	354.7	613.0	R 357.8	41.1	R 106.2	1,001.9	11.1	133.6	R 1,651.7	66.6	23.9	R 2,710.0	-453.0	1,490.5	R 3,747.4
1987	—	330.7	330.7	486.6	R 404.2	45.8	R 95.2	1,092.1	3.4	127.4	R 1,768.2	88.7	24.7	R 2,698.9	-456.3	1,521.8	R 3,764.4
1988	—	349.4	349.4	632.7	R 396.8	44.5	R 101.8	1,106.7	5.8	130.4	R 1,786.0	69.5	25.8	R 2,863.4	-445.0	1,570.6	R 3,989.0
1989	—	R 333.8	R 333.8	R 724.7	R 467.4	45.2	R 101.8	1,188.2	R 5.4	121.6	R 1,929.8	70.5	R e 78.3	R e 3,136.9	R -448.3	1,644.7	R e 4,333.3
1990	—	344.9	344.9	665.3	R 540.5	54.5	R 129.7	1,349.6	2.7	120.5	R 2,197.5	87.5	R 47.1	R 3,342.2	-475.4	1,789.8	R 4,656.6
1991	—	R 346.7	R 346.7	635.2	R 513.7	48.8	R 136.8	1,342.6	1.1	110.3	R 2,153.5	93.1	R 55.3	R 3,283.8	R -471.3	1,859.5	R 4,672.0
1992	—	366.3	366.3	675.5	R 548.1	28.0	R 113.1	1,342.3	0.2	129.7	R 2,161.5	76.2	R 59.0	R 3,338.4	-474.3	1,863.5	R 4,727.5
1993	—	342.5	342.5	R 756.8	R 577.6	25.2	R 122.7	1,370.4	2.0	137.2	R 2,235.0	80.1	R 66.9	R 3,481.4	-459.5	2,041.2	R 5,063.1
1994	—	R 357.7	R 357.7	R 781.9	R 635.2	39.0	R 97.8	1,391.4	R 3.8	138.6	R 2,305.9	70.5	R 65.4	R 3,581.3	R -463.2	2,003.1	R 5,121.3
1995	—	384.0	384.0	R 719.6	R 657.0	28.5	R 91.4	1,466.5	R 2.3	143.0	R 2,388.7	64.2	R 84.5	R 3,641.0	R -493.1	2,102.9	R 5,250.7
1996	—	R 393.4	R 393.4	R 901.2	R 752.7	44.6	R 106.6	1,575.8	R 2.5	269.4	R 2,751.5	72.0	R 69.5	R 4,187.7	R -539.7	2,174.7	R 5,822.6
1997	—	R 405.8	R 405.8	R 970.6	R 763.7	40.9	R 100.0	1,611.5	0.7	273.8	R 2,790.7	R 73.7	R 66.5	R 4,307.2	R -536.7	2,216.1	R 5,986.6
1998	—	R 376.4	R 376.4	R 910.6	R 681.7	30.3	R 64.1	1,384.4	1.4	232.9	R 2,394.8	R 69.4	R 85.7	R 3,837.0	R -531.7	2,226.1	R 5,531.3
1999	—	391.2	391.2	R 923.4	R 699.1	106.8	R 185.4	1,493.8	R 1.2	262.1	R 2,748.5	R 68.7	R 95.4	R 4,227.2	R -554.1	2,215.2	R 5,888.3
2000	—	R 383.1	R 383.1	R 1,243.1	R 1,024.8	182.4	R 265.7	1,942.5	7.6	R 334.2	R 3,757.1	R 62.7	R 102.8	R 5,548.8	R -592.9	2,348.6	R 7,304.5
2001	—	249.5	249.5	1,418.9	1,074.9	32.2	253.3	1,836.6	44.7	268.7	3,510.4	79.0	87.1	5,344.9	-468.9	2,463.5	7,339.5

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Arkansas

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	—	0.75	0.93	1.40	1.84	1.81	0.71	1.06	6.82	1.88
1975	—	1.12	2.40	2.80	3.51	3.44	1.39	1.80	9.35	3.82
1980	2.97	2.49	6.54	—	8.77	8.54	3.57	3.45	15.58	8.02
1985	3.19	4.35	10.33	7.18	8.46	8.43	R 4.04	4.97	21.91	11.40
1986	—	4.77	4.38	4.74	7.36	7.31	R 3.24	5.17	22.68	12.05
1987	2.88	4.57	5.30	5.10	7.42	7.38	3.08	4.93	22.46	11.97
1988	2.62	4.78	4.71	4.45	7.93	7.85	R 3.12	5.14	22.31	11.93
1989	2.64	4.83	4.95	4.45	6.97	6.91	3.44	5.09	22.78	12.08
1990	2.70	5.06	7.69	6.75	10.78	R 10.72	3.53	5.80	23.64	13.43
1991	2.81	4.90	7.11	6.38	12.15	12.07	R 3.38	5.73	23.75	13.50
1992	2.69	5.07	4.99	5.82	10.66	R 10.56	R 3.09	5.62	24.27	13.62
1993	2.73	5.31	5.68	5.75	9.91	9.87	3.02	5.76	24.24	13.62
1994	2.83	5.59	5.38	4.29	10.00	9.96	2.93	6.02	23.66	13.80
1995	—	R 5.05	5.20	3.97	10.26	10.16	2.87	5.51	23.40	13.53
1996	—	5.77	5.84	4.49	12.14	12.04	3.29	6.30	22.78	13.63
1997	2.72	6.58	5.56	6.18	11.29	11.20	3.27	7.06	22.86	14.50
1998	2.81	R 6.68	4.46	3.01	10.03	9.89	2.84	R 6.92	22.00	14.84
1999	R 1.01	7.09	4.89	3.02	10.51	10.37	2.92	7.76	21.76	14.69
2000	—	7.29	8.40	7.83	14.70	14.60	4.38	8.58	21.85	15.01
2001	—	9.90	7.15	6.17	15.59	15.46	4.17	10.98	22.61	16.95
	Expenditures in Million Nominal Dollars									
1970	—	45.1	0.4	1.2	45.6	47.2	2.3	94.5	100.5	195.1
1975	—	54.2	2.2	2.0	67.4	71.7	4.6	130.5	247.4	377.8
1980	0.1	115.9	5.8	—	69.0	74.8	8.7	199.5	543.7	743.2
1985	(s)	177.9	(s)	1.3	63.5	64.8	5.4	248.1	667.9	916.0
1986	—	186.2	(s)	0.7	61.6	R 62.2	4.2	252.7	716.2	968.9
1987	(s)	185.5	(s)	0.6	52.1	R 52.7	5.1	243.3	743.8	987.1
1988	(s)	206.2	(s)	0.6	54.3	55.0	5.3	266.5	757.0	1,023.5
1989	(s)	205.2	(s)	0.7	52.4	R 53.1	6.1	264.5	774.0	1,038.5
1990	(s)	199.9	(s)	0.8	72.3	73.1	6.8	R 279.7	851.7	1,131.4
1991	(s)	202.4	(s)	0.5	73.5	74.0	6.8	R 283.3	891.6	1,174.8
1992	(s)	201.3	R 0.3	0.2	57.9	R 58.4	6.6	R 266.3	864.6	R 1,130.9
1993	(s)	245.0	(s)	0.3	61.0	61.4	5.7	312.1	972.8	1,284.9
1994	(s)	237.1	(s)	0.2	60.6	60.8	5.4	303.4	939.9	1,243.3
1995	—	225.3	0.1	0.3	55.7	56.0	5.9	287.2	991.4	R 1,278.6
1996	—	274.0	(s)	0.3	65.3	65.7	R 6.7	R 346.4	1,005.3	1,351.7
1997	(s)	283.0	(s)	0.7	64.4	65.1	3.0	351.1	1,013.1	1,364.2
1998	(s)	261.6	(s)	0.3	42.4	42.6	2.4	306.6	1,076.4	1,383.0
1999	R (s)	261.7	(s)	0.6	115.1	115.7	2.6	380.0	1,042.9	1,422.9
2000	—	314.7	(s)	1.1	142.4	143.6	4.1	462.4	1,108.5	1,570.9
2001	—	373.1	(s)	0.8	159.1	159.9	3.3	536.4	1,165.4	1,701.8

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Arkansas

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	—	0.52	0.86	0.77	1.23	2.74	0.42	1.37	0.71	0.64	6.07	1.58
1975	—	0.90	2.29	2.32	2.64	4.60	1.75	2.23	1.39	1.25	8.60	3.08
1980	1.89	2.29	6.25	5.51	5.54	9.93	3.33	5.24	3.57	2.80	14.74	6.73
1985	2.12	4.06	6.13	7.18	9.00	8.80	—	R 6.95	4.04	R 4.67	19.06	R 9.95
1986	—	4.33	3.59	4.74	8.15	6.84	2.42	R 6.55	3.24	R 4.56	19.70	R 10.86
1987	2.02	4.21	4.04	5.10	7.41	7.28	—	R 6.01	3.08	R 4.41	19.06	R 10.65
1988	2.04	4.31	3.63	4.45	7.75	7.13	—	R 6.19	3.12	R 4.48	19.11	R 10.58
1989	1.98	4.36	4.15	4.45	7.70	7.69	—	R 5.96	3.44	R 4.55	19.64	R 10.85
1990	1.99	4.43	5.47	6.75	9.80	8.86	—	R 7.55	2.94	R 4.81	20.40	R 11.65
1991	1.86	4.28	4.79	6.38	10.67	8.81	—	R 7.46	2.89	R 4.59	20.34	R 11.58
1992	1.86	4.35	4.45	5.82	10.05	8.69	2.00	R 6.73	2.65	4.59	20.76	R 11.79
1993	1.88	4.37	4.32	5.75	9.63	8.56	2.08	R 6.25	2.63	4.55	20.60	R 11.46
1994	1.78	4.48	4.00	4.29	8.63	8.62	—	R 5.63	2.50	R 4.60	20.07	R 11.48
1995	—	3.77	4.09	3.97	9.04	8.75	—	R 5.97	2.28	R 3.95	19.96	R 11.11
1996	—	4.56	4.91	4.49	10.01	9.42	2.79	R 6.86	2.70	R 4.73	19.71	R 11.34
1997	1.80	5.16	4.68	6.18	10.24	9.32	—	R 6.97	2.57	R 5.30	19.84	R 12.01
1998	1.70	R 5.03	3.58	3.01	9.17	7.99	—	R 5.17	2.22	R 5.03	17.31	R 11.02
1999	R 1.76	R 5.29	4.24	3.02	9.48	8.51	—	R 7.20	1.88	R 5.48	17.16	R 11.20
2000	—	5.31	6.78	7.83	12.56	11.20	—	R 9.38	2.89	R 5.73	17.49	11.13
2001	—	7.70	6.00	6.17	13.45	10.60	—	8.59	2.24	7.80	18.30	12.73
	Expenditures in Million Nominal Dollars											
1970	—	20.6	0.2	0.4	5.4	2.6	0.1	8.7	(s)	29.3	57.8	87.1
1975	—	29.7	1.2	1.0	8.9	3.5	11.9	26.5	0.1	56.2	128.6	184.8
1980	0.2	69.9	4.1	4.1	7.7	8.5	9.2	33.5	0.2	103.8	267.8	371.6
1985	(s)	110.5	R 29.6	3.4	11.9	5.5	—	R 50.4	0.1	R 161.1	380.4	R 541.5
1986	—	109.5	R 2.9	0.2	12.0	4.2	0.1	R 19.3	0.1	R 129.0	397.5	R 526.5
1987	(s)	104.8	R 5.3	0.1	9.2	5.0	—	R 19.6	0.2	R 124.6	398.8	R 523.4
1988	(s)	119.2	R 3.4	0.2	9.4	4.6	—	R 17.7	0.2	R 137.0	417.0	R 554.0
1989	0.1	119.4	R 7.5	(s)	10.2	4.4	—	R 22.2	0.2	R 141.9	440.0	R 582.0
1990	(s)	112.1	R 9.5	0.1	11.6	6.6	—	R 27.8	0.5	R 140.3	465.1	R 605.5
1991	(s)	113.0	R 7.2	0.1	11.4	3.7	—	R 22.4	0.5	R 135.9	480.4	R 616.4
1992	0.1	110.9	R 7.4	0.2	9.6	3.2	0.1	R 20.5	0.5	R 131.9	478.8	R 610.7
1993	(s)	128.2	R 9.0	0.2	10.5	1.3	(s)	R 20.9	0.5	R 149.6	512.5	R 662.1
1994	(s)	125.5	R 8.9	0.1	9.2	1.3	—	R 19.5	0.5	R 145.6	510.2	R 655.7
1995	—	112.1	R 7.2	0.1	8.6	1.3	—	R 17.2	0.5	R 129.9	529.4	R 659.2
1996	—	145.1	R 8.3	0.1	9.5	1.4	(s)	R 19.4	0.6	R 165.1	542.4	R 707.4
1997	(s)	154.0	R 7.4	0.2	10.3	1.4	—	R 19.2	0.4	R 173.6	557.4	R 731.0
1998	(s)	144.8	R 7.5	0.1	6.8	1.2	—	R 15.6	0.3	R 160.7	526.2	R 687.0
1999	R (s)	150.1	R 6.4	0.1	18.3	1.3	—	R 26.1	0.4	R 176.5	530.7	R 707.3
2000	—	179.5	R 14.8	0.2	21.5	1.7	—	R 38.2	0.6	R 218.2	565.1	R 783.4
2001	—	249.8	20.7	0.3	24.2	1.7	—	46.9	0.5	297.2	617.8	915.0

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Arkansas

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	—	—	0.28	0.68	0.67	0.77	1.23	5.08	2.74	0.45	0.95	1.00	1.45	0.49	2.78	0.72
1975	—	1.22	1.22	0.68	1.81	2.09	2.32	2.64	7.48	4.60	1.63	2.40	2.19	1.45	1.29	5.18	1.63
1980	—	1.89	1.89	2.24	3.58	4.87	5.51	5.54	14.36	9.93	2.95	6.42	4.99	1.44	3.18	9.15	4.07
1985	—	2.12	2.12	3.65	4.21	6.09	6.36	9.00	17.61	8.80	4.01	7.98	R 6.61	1.44	R 4.41	13.74	R 5.81
1986	—	2.04	2.04	3.40	4.62	3.67	4.33	8.15	15.59	6.84	2.42	8.71	R 5.09	1.48	3.68	15.53	R 5.37
1987	—	2.02	2.02	3.10	3.33	4.29	4.55	7.41	13.58	7.28	2.74	9.13	R 5.60	1.48	R 3.73	14.56	R 5.88
1988	—	2.04	2.04	3.04	3.27	3.81	4.05	7.75	14.62	7.13	2.49	8.17	R 5.15	1.48	R 3.44	14.14	R 5.10
1989	—	1.98	1.98	3.08	2.90	4.51	5.04	7.70	14.48	7.69	2.68	9.53	R 5.95	R d 1.15	R d 2.94	14.34	R d 4.33
1990	—	1.99	1.99	2.86	3.01	5.78	5.71	9.80	14.60	8.86	2.54	8.99	R 7.10	R 0.94	R 3.11	14.94	R 4.83
1991	—	1.86	1.86	3.01	3.22	5.06	5.39	10.67	16.80	8.81	2.30	7.61	R 6.97	R 1.10	R 3.12	14.79	R 5.00
1992	—	1.86	1.86	3.11	2.23	4.81	5.04	10.05	18.32	8.69	2.00	9.17	R 6.03	R 1.10	R 3.16	14.71	R 4.92
1993	—	1.88	1.88	3.27	2.70	4.69	4.61	9.63	18.96	8.56	2.08	7.86	R 5.77	R 1.09	R 3.13	14.21	R 4.89
1994	—	1.78	1.78	3.21	2.72	4.43	4.03	5.05	19.11	8.62	2.31	8.74	R 5.37	R 1.10	R 3.02	13.48	R 4.68
1995	—	1.82	1.82	R 2.56	2.92	4.41	4.08	4.94	19.41	8.75	2.26	9.06	R 5.26	R 1.18	R 2.66	13.22	R 4.27
1996	—	1.80	1.80	3.20	3.11	5.31	5.20	6.32	20.08	9.42	2.79	6.35	R 6.10	R 0.92	R 3.24	13.09	R 4.77
1997	—	1.80	1.80	3.66	3.17	5.04	4.48	5.62	17.98	9.32	2.74	5.82	R 5.69	R 0.92	R 3.43	13.03	R 4.91
1998	—	1.70	1.70	3.40	3.25	3.92	3.23	4.18	19.07	7.99	1.92	4.14	R 4.57	R 1.25	R 3.10	12.20	R 4.59
1999	—	1.76	1.76	3.39	3.60	4.50	2.88	4.85	16.75	8.51	2.47	5.46	5.33	1.40	R 3.34	12.09	R 4.81
2000	—	1.71	1.71	5.13	3.68	7.05	7.70	8.25	17.99	11.20	3.65	R 7.87	R 7.65	1.45	R 4.78	12.32	R 6.06
2001	—	1.78	1.78	6.30	3.77	6.55	6.92	6.65	19.00	10.60	3.13	6.64	6.94	1.57	5.26	12.98	6.62
	Expenditures in Million Nominal Dollars																
1970	—	—	—	40.7	9.4	7.7	2.6	8.2	7.1	4.2	0.5	7.0	46.6	9.3	96.6	59.1	155.7
1975	—	1.1	1.1	82.3	27.4	34.5	6.3	26.4	14.0	4.1	36.7	31.5	180.9	9.8	274.0	104.4	378.4
1980	—	12.0	12.0	265.8	65.9	100.5	13.7	42.8	23.3	2.7	25.9	107.1	381.9	14.9	674.6	338.3	1,012.9
1985	—	17.0	17.0	314.5	35.3	R 151.5	1.5	34.7	26.0	29.1	16.8	65.5	R 360.4	17.5	R 709.4	391.8	R 1,101.2
1986	—	15.8	15.8	270.6	30.1	R 83.3	0.5	29.7	22.6	17.3	10.5	38.6	R 232.5	19.6	R 538.5	376.8	R 915.3
1987	—	13.6	13.6	146.0	22.5	R 72.7	0.5	31.7	22.2	18.0	3.4	42.2	R 213.1	19.5	R 392.3	379.1	R 771.4
1988	—	11.7	11.7	276.7	29.8	R 70.0	0.4	35.8	23.0	16.9	2.6	35.4	R 213.9	20.3	R 522.6	396.7	R 919.3
1989	—	11.8	11.8	350.3	15.0	R 67.2	0.4	37.1	23.4	14.5	2.7	39.9	R 200.2	R d 72.0	R d 634.3	430.7	R d 1,065.0
1990	—	11.6	11.6	303.0	9.9	R 81.5	0.5	42.6	24.3	19.4	R 2.4	39.9	R 220.5	R 39.8	R 575.0	472.9	R 1,048.0
1991	—	12.7	12.7	279.7	11.4	R 59.3	0.6	48.6	25.0	21.0	1.1	26.1	R 193.1	R 48.0	R 533.6	487.5	R 1,021.1
1992	—	13.2	13.2	320.8	17.4	R 92.6	0.3	43.1	27.8	20.0	R 0.1	32.5	R 233.9	R 51.9	R 619.8	520.1	R 1,139.9
1993	—	14.6	14.6	R 335.6	26.1	R 86.7	0.3	48.5	29.3	17.7	1.9	28.2	R 238.7	R 60.7	R 649.6	555.9	R 1,205.5
1994	—	15.3	15.3	R 372.5	19.2	R 81.3	0.4	23.7	30.9	19.2	3.0	31.8	R 209.4	R 59.5	R 656.7	553.1	R 1,209.8
1995	—	14.1	14.1	R 325.4	24.1	R 103.6	0.5	25.3	30.8	20.5	R 2.1	31.4	R 238.4	R 78.1	R 656.0	582.2	R 1,238.1
1996	—	15.1	15.1	R 396.1	20.1	R 104.8	0.3	30.1	30.9	22.3	1.5	162.0	R 372.0	R 62.2	R 845.3	627.0	R 1,472.4
1997	—	R 12.5	R 12.5	R 466.7	21.3	R 117.2	0.3	23.7	29.3	22.9	0.2	168.6	R 383.5	R 63.1	R 925.9	645.6	R 1,571.5
1998	—	11.9	11.9	R 411.1	18.5	R 86.7	0.3	13.8	32.5	27.0	(s)	123.8	R 302.7	R 83.0	R 808.8	623.4	R 1,432.2
1999	—	14.0	14.0	R 407.1	24.5	R 92.3	0.2	34.3	28.8	24.3	0.3	156.2	R 360.9	R 92.5	R 874.4	641.5	R 1,515.9
2000	—	16.4	16.4	R 593.8	24.8	R 164.8	R 0.2	97.1	30.5	32.1	0.2	R 223.1	R 572.7	R 98.2	R 1,281.2	674.9	R 1,956.1
2001	—	19.4	19.4	678.8	13.4	174.5	0.7	65.8	29.5	51.7	4.0	166.1	505.8	83.3	1,287.4	680.3	1,967.7

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Arkansas

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	—	—	2.17	1.16	0.72	1.23	5.08	2.74	0.40	2.38	2.38	—	2.38
1975	1.22	—	3.45	2.53	2.01	2.64	7.48	4.60	1.57	4.06	4.06	—	4.06
1980	—	—	9.02	6.70	6.34	5.54	14.36	9.93	—	9.11	9.11	—	9.11
1985	—	—	9.99	6.56	5.96	R 9.56	17.61	8.80	—	8.24	8.24	—	8.24
1986	—	—	8.41	6.09	3.93	R 8.74	15.59	6.84	—	6.63	6.63	—	6.63
1987	—	—	7.55	6.59	4.07	R 7.95	13.58	7.28	—	7.02	7.02	—	7.02
1988	—	—	7.41	6.21	3.66	R 8.31	14.62	7.13	—	6.81	6.81	—	6.81
1989	—	—	8.28	6.71	4.27	R 8.25	14.48	7.69	—	R 7.36	R 7.36	—	R 7.36
1990	—	—	9.32	7.87	5.90	R 10.50	14.60	8.86	—	R 8.55	R 8.55	—	R 8.55
1991	—	—	8.71	7.64	5.01	R 11.82	16.80	8.81	—	R 8.43	R 8.43	—	R 8.43
1992	—	—	8.54	7.69	4.52	R 11.20	18.32	8.69	—	R 8.42	R 8.42	—	R 8.42
1993	—	—	8.24	7.65	4.45	R 10.73	18.96	8.56	—	R 8.33	R 8.33	—	R 8.33
1994	—	4.20	7.96	7.58	4.30	R 9.37	19.11	8.62	—	R 8.26	R 8.26	—	R 8.26
1995	—	R 3.63	8.36	7.43	4.28	R 9.70	19.41	8.75	—	8.35	8.35	—	8.35
1996	—	3.76	9.29	8.37	5.13	R 10.32	20.08	9.42	—	9.06	9.06	—	9.06
1997	—	5.14	9.39	8.04	4.69	R 10.45	17.98	9.32	—	8.86	8.86	—	8.86
1998	—	5.22	8.11	6.98	3.50	R 9.44	19.07	7.99	—	7.64	7.64	—	7.64
1999	—	4.94	8.81	7.41	4.12	R 10.77	16.75	8.51	—	R 7.89	R 7.89	—	R 7.89
2000	—	R 6.01	R 10.87	10.09	6.61	R 13.80	17.99	11.20	—	R 10.50	R 10.50	—	R 10.50
2001	—	7.65	11.01	9.63	5.48	13.14	19.00	10.60	—	10.24	10.24	—	10.24
	Expenditures in Million Nominal Dollars												
1970	—	—	3.2	22.8	8.5	3.2	9.2	316.9	(s)	363.9	363.9	—	363.9
1975	(s)	—	4.4	94.4	21.7	6.7	14.0	658.9	0.1	800.2	800.2	—	800.2
1980	—	—	12.5	261.3	70.0	4.2	37.6	1,370.7	—	1,756.4	1,756.4	—	1,756.4
1985	—	—	4.4	R 293.7	65.7	R 5.1	42.0	1,195.7	—	R 1,606.5	R 1,606.5	—	R 1,606.5
1986	—	—	4.7	R 271.3	41.1	R 2.9	36.4	980.4	—	R 1,336.8	R 1,336.8	—	R 1,336.8
1987	—	—	3.5	R 326.0	45.8	R 2.2	35.8	1,069.2	—	R 1,482.5	R 1,482.5	—	R 1,482.5
1988	—	—	3.7	R 319.5	44.5	R 2.3	37.2	1,085.1	—	R 1,492.3	R 1,492.3	—	R 1,492.3
1989	—	—	4.3	R 389.0	45.2	R 2.2	37.8	1,169.4	—	R 1,647.8	R 1,647.8	—	R 1,647.8
1990	—	—	5.9	R 445.4	54.5	R 3.2	39.2	1,323.6	—	R 1,871.7	R 1,871.7	—	R 1,871.7
1991	—	—	6.3	R 443.0	48.8	R 3.4	40.3	1,317.9	—	R 1,859.7	R 1,859.7	—	R 1,859.7
1992	—	—	6.6	R 445.2	28.0	R 2.5	44.8	1,319.0	—	R 1,846.1	R 1,846.1	—	R 1,846.1
1993	—	—	5.6	R 478.5	25.2	R 2.7	47.2	1,351.4	—	R 1,910.6	R 1,910.6	—	R 1,910.6
1994	—	R 0.1	6.3	R 542.1	39.0	R 4.2	49.8	1,370.9	—	R 2,012.4	R 2,012.5	—	R 2,012.5
1995	—	R 0.1	6.0	R 543.9	28.5	R 1.8	49.7	1,444.7	—	R 2,074.6	R 2,074.8	—	R 2,074.8
1996	—	R 0.2	5.7	R 637.0	44.6	R 1.7	49.9	1,552.1	—	R 2,290.9	R 2,291.1	—	R 2,291.1
1997	—	R 0.3	6.4	R 636.3	40.9	R 1.6	47.2	1,587.2	—	R 2,319.6	R 2,319.9	—	R 2,319.9
1998	—	R 0.4	5.0	R 583.6	30.3	R 1.1	52.4	1,356.2	—	R 2,028.6	R 2,029.1	—	R 2,029.1
1999	—	R 0.5	5.2	R 597.1	106.8	R 17.8	46.5	1,468.3	—	R 2,241.7	R 2,242.2	—	R 2,242.2
2000	—	R 0.7	R 5.1	R 843.4	182.4	R 4.6	49.2	1,908.7	—	R 2,993.4	R 2,994.1	—	R 2,994.1
2001	—	1.0	10.1	876.6	32.2	4.2	47.6	1,783.3	—	2,754.1	2,755.0	—	2,755.0

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Arkansas (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	—	0.25	0.42	0.46	—	0.42	—	—	—	—	0.26
1975	—	0.61	1.78	2.22	—	1.79	0.24	—	—	—	0.72
1980	1.34	2.16	3.34	4.34	—	3.39	0.54	—	—	—	1.46
1985	1.58	2.82	3.84	5.86	—	4.99	0.77	—	—	—	1.37
1986	1.56	1.56	1.65	4.43	—	2.20	0.71	—	—	—	1.33
1987	1.55	1.52	2.76	3.86	—	3.86	0.75	—	—	—	1.28
1988	1.59	1.35	3.81	5.12	—	4.43	0.74	—	—	—	1.34
1989	1.63	1.65	3.26	4.36	—	3.81	0.75	—	—	—	1.39
1990	1.61	1.54	2.75	4.94	—	4.72	0.73	—	—	—	1.32
1991	1.60	1.41	2.72	5.64	—	5.61	0.70	—	—	—	1.27
1992	1.65	1.53	2.16	4.81	—	4.81	0.64	—	—	—	1.32
1993	1.70	2.21	2.07	4.58	—	4.47	0.56	—	—	—	1.29
1994	1.60	1.82	2.62	4.04	—	3.58	0.48	—	—	—	1.20
1995	1.61	1.70	1.90	4.18	—	3.83	0.52	—	—	—	1.28
1996	1.50	2.47	2.04	4.53	—	3.35	0.51	—	—	—	1.26
1997	1.64	2.62	2.87	4.70	—	4.29	0.49	—	—	—	1.29
1998	1.47	2.24	2.16	3.71	—	3.13	0.50	—	—	—	1.24
1999	1.46	2.53	1.67	3.29	—	2.69	0.51	—	—	—	1.27
2000	1.42	4.38	3.99	4.66	—	4.11	0.52	—	—	—	1.42
2001	0.87	4.29	4.83	6.26	—	4.91	0.51	—	—	—	1.03
	Expenditures in Million Nominal Dollars										
1970	—	27.4	1.8	(s)	—	1.9	—	—	—	—	29.3
1975	—	19.7	49.0	0.8	—	49.8	12.7	—	—	—	82.2
1980	40.3	130.1	65.3	4.5	—	69.8	46.0	—	—	—	286.3
1985	334.0	34.0	0.2	0.4	—	0.6	81.3	—	—	—	449.9
1986	338.9	46.7	0.5	0.3	—	0.8	66.6	—	—	—	453.0
1987	317.0	50.3	(s)	0.2	—	0.2	88.7	—	—	—	456.3
1988	337.7	30.7	3.2	3.9	—	7.1	69.5	—	—	—	445.0
1989	321.8	49.7	2.8	3.6	—	6.4	70.5	—	—	—	448.3
1990	333.3	50.3	0.3	4.0	—	4.3	87.5	—	—	—	475.4
1991	333.9	40.1	(s)	4.2	—	4.2	93.1	—	—	—	471.3
1992	353.0	42.4	(s)	2.7	—	2.7	76.2	—	—	—	474.3
1993	327.9	48.0	0.1	3.4	—	3.4	80.1	—	—	—	459.5
1994	342.3	46.6	0.9	2.9	—	3.8	70.5	—	—	—	463.2
1995	369.8	56.6	0.2	2.3	—	2.5	64.2	—	—	—	493.1
1996	378.3	85.8	1.0	2.6	—	3.6	72.0	—	—	—	539.7
1997	393.2	66.6	0.5	2.7	—	3.2	73.7	—	—	—	536.7
1998	364.5	92.6	1.4	3.9	—	5.2	69.4	—	—	—	531.7
1999	377.3	104.0	1.0	3.2	—	4.2	68.7	—	—	—	554.1
2000	366.6	154.4	7.4	1.8	—	9.2	62.7	—	—	—	592.9
2001	230.1	116.1	40.7	3.0	—	43.7	79.0	—	—	—	468.9

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, California

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	0.43	0.96	0.46	0.56	1.26	0.73	1.84	2.80	0.38	1.52	1.80	0.19	1.39	1.21	0.34	4.76	1.74
1975	1.38	0.92	1.32	1.25	2.97	2.04	3.08	4.84	2.38	2.82	3.55	0.21	1.55	2.61	1.82	8.71	3.46
1980	1.97	1.82	1.91	3.54	6.62	6.21	6.09	10.19	4.49	6.60	7.42	0.49	2.93	5.95	3.99	17.16	7.70
1985	—	2.26	2.26	5.01	6.67	6.01	9.67	8.68	4.75	7.98	7.45	0.96	3.21	6.19	R 3.75	22.90	8.89
1986	—	2.26	2.26	4.02	R 5.33	3.99	R 9.85	6.68	2.71	7.20	5.71	0.97	3.10	4.85	R 2.24	23.21	7.74
1987	—	2.09	2.09	3.77	R 5.96	4.04	9.86	6.95	2.61	7.23	R 5.90	0.99	3.12	R 4.81	R 2.14	22.70	R 7.63
1988	—	1.94	1.94	4.05	R 5.85	3.84	9.71	7.08	2.31	6.77	5.83	0.90	R 3.16	4.89	R 2.27	23.42	R 7.83
1989	—	R 1.88	R 1.88	R 4.01	R 6.55	4.50	9.13	7.66	2.68	R 6.02	R 6.32	0.85	R e 1.67	R e 5.06	R 2.26	24.91	R e 8.25
1990	—	R 1.89	R 1.89	R 4.20	R 7.50	5.76	10.51	8.57	3.66	R 6.05	R 7.24	0.72	R 1.25	R 5.59	R 2.21	25.98	R 9.00
1991	—	R 1.82	R 1.82	R 4.34	R 7.35	4.80	11.24	8.18	2.57	R 6.18	R 6.91	0.67	R 1.31	R 5.39	R 1.99	27.70	R 9.11
1992	—	R 1.67	R 1.67	R 3.97	R 7.58	4.53	11.01	9.19	1.86	R 6.39	R 7.56	0.55	R 1.18	R 5.52	R 1.89	28.39	R 9.59
1993	—	R 1.68	R 1.68	R 4.02	R 7.78	4.50	11.70	9.08	2.03	R 6.40	R 7.46	0.44	R 1.08	R 5.53	R 1.99	28.51	R 9.52
1994	—	R 1.70	R 1.70	R 4.13	R 7.59	4.03	11.47	9.11	2.03	R 6.33	R 7.25	0.47	R 2.47	R 5.47	R 1.91	28.78	R 9.57
1995	—	R 1.66	R 1.66	R 4.22	R 7.78	4.15	11.20	9.25	2.14	R 6.28	R 7.36	0.43	R 2.56	R 5.67	R 1.67	29.16	R 9.64
1996	—	R 1.66	R 1.66	R 4.32	R 8.62	4.96	11.46	10.02	2.10	R 6.50	R 8.06	0.44	R 2.15	R 6.10	R 1.76	27.86	R 9.94
1997	—	R 1.70	R 1.70	R 4.69	R 8.40	4.71	11.59	10.26	R 3.34	R 6.35	R 8.41	0.45	R 1.45	R 6.37	R 2.04	28.06	R 10.32
1998	—	R 1.67	R 1.67	R 4.40	R 7.21	3.38	11.03	8.99	2.11	R 6.03	R 7.25	0.45	R 1.45	R 5.58	R 1.81	26.55	R 9.23
1999	—	R 1.63	R 1.63	R 4.25	R 8.28	4.26	11.06	10.50	R 4.25	R 5.50	R 8.43	R 0.42	R 1.34	R 6.20	R 1.88	25.73	R 9.89
2000	—	R 1.57	R 1.57	R 6.54	R 10.48	6.91	14.24	12.63	R 6.24	R 5.95	R 10.48	R 0.45	R 2.12	R 8.17	R 4.03	27.82	R 12.04
2001	—	1.46	1.46	8.78	9.54	5.83	15.68	12.23	5.30	6.34	10.06	0.43	2.13	8.79	6.57	34.60	13.04
	Expenditures in Million Nominal Dollars																
1970	25.6	2.7	28.2	1,126.7	283.0	242.7	99.5	3,149.1	161.1	258.6	4,194.0	6.7	55.8	5,411.4	-282.1	1,886.6	7,015.9
1975	67.7	6.9	74.6	2,148.2	719.4	716.0	169.8	6,137.9	1,628.1	521.8	9,892.9	14.4	67.6	12,197.6	-1,553.7	4,328.7	14,972.6
1980	79.8	46.8	126.6	6,063.2	2,390.8	2,199.3	365.8	13,579.1	4,131.7	1,582.3	24,248.9	26.1	123.5	R 30,589.8	R -4,019.9	9,559.9	36,129.8
1985	—	102.4	102.4	9,251.8	R 2,775.8	2,257.8	R 606.1	12,195.2	1,953.0	1,510.3	R 21,298.1	200.4	R 156.8	R 31,098.2	R -3,583.7	14,143.0	R 41,657.5
1986	—	96.1	96.1	6,011.6	R 2,297.7	1,685.3	R 569.5	9,816.2	957.7	1,315.2	R 16,641.6	268.1	R 117.1	R 23,216.4	R -1,770.4	14,219.7	R 35,665.7
1987	—	94.0	94.0	7,109.8	R 2,358.6	1,811.7	R 674.8	10,690.6	1,064.4	1,402.9	R 18,002.8	312.6	R 149.5	R 25,830.6	R -2,212.0	14,332.6	R 37,951.2
1988	—	98.7	98.7	7,145.3	R 2,778.9	1,784.5	R 656.6	11,285.6	984.3	1,232.7	R 18,722.6	293.1	R 156.9	R 26,566.8	R -2,277.4	15,572.7	R 39,862.1
1989	—	R 124.9	R 124.9	R 7,827.5	R 3,067.6	2,286.8	R 676.9	12,510.1	R 1,115.8	R 1,117.0	R 20,774.2	292.0	R e 214.6	R e 29,323.2	R -2,669.3	17,083.4	R e 43,737.3
1990	—	R 159.2	R 159.2	R 8,368.0	R 3,368.4	3,081.3	R 633.8	13,778.7	R 1,461.5	R 1,171.5	R 23,495.3	249.6	R 175.7	R 32,540.1	R -2,544.3	18,417.6	R 48,413.4
1991	—	R 163.1	R 163.1	R 8,774.0	R 3,202.8	2,438.9	588.5	12,833.9	R 723.1	R 1,087.6	R 20,874.8	221.5	R 178.7	R 30,259.9	R -2,189.1	19,410.4	R 47,481.3
1992	—	R 153.3	R 153.3	R 8,459.5	R 3,049.2	2,219.3	575.3	15,245.6	R 394.4	R 1,137.3	R 22,621.1	203.7	R 172.5	R 31,641.2	R -2,430.6	20,375.6	R 49,586.2
1993	—	R 142.4	R 142.4	R 8,261.0	R 2,938.6	2,273.1	491.5	14,726.7	R 467.8	R 1,093.7	R 21,991.4	145.3	R 144.7	R 30,711.8	R -2,321.3	20,161.9	R 48,552.3
1994	—	R 143.6	R 143.6	R 9,077.3	R 3,194.4	2,257.2	555.7	14,652.9	R 530.0	R 1,153.3	R 22,343.6	164.1	R 338.7	R 32,096.6	R -2,550.6	20,657.9	R 50,203.9
1995	—	R 140.2	R 140.2	R 8,335.6	R 3,302.9	2,241.5	472.3	15,127.1	R 617.7	R 1,158.2	R 22,919.7	135.1	R 313.9	R 31,870.0	R -1,755.8	20,827.4	R 50,941.6
1996	—	R 133.3	R 133.3	R 8,060.4	R 3,693.5	2,915.8	386.2	16,641.7	R 529.2	R 1,165.0	R 25,331.4	157.3	R 255.7	R 33,955.6	R -1,771.9	20,484.6	R 52,668.2
1997	—	R 140.9	R 140.9	R 9,472.4	R 3,887.4	2,755.2	344.9	17,266.0	R 449.1	R 1,125.0	R 25,827.7	R 145.2	R 163.0	R 35,768.8	R -2,099.5	21,567.9	R 55,237.2
1998	—	R 110.6	R 110.6	R 9,919.1	R 3,290.1	2,018.3	411.8	15,465.1	R 227.8	R 1,270.7	R 22,683.8	R 164.8	R 156.6	R 33,033.0	R -2,052.0	20,256.6	R 51,237.6
1999	—	R 113.4	R 113.4	R 9,459.0	R 3,985.1	2,383.0	454.9	18,485.9	R 627.3	R 1,353.0	R 27,289.2	R 146.2	R 157.8	R 37,172.1	R -2,261.1	20,359.7	R 55,270.6
2000	—	R 109.9	R 109.9	15046.1	R 5,695.6	4,036.2	R 583.4	22,567.0	R 1,321.2	R 1,346.8	R 35,550.3	R 164.9	R 259.7	R 51,162.3	R -5,669.5	22,914.6	R 68,407.4
2001	—	98.8	98.8	20,824.3	5,398.6	3,213.4	534.5	22,426.1	838.3	1,339.7	33,750.5	150.3	254.3	55,111.9	-9,670.7	27,482.6	72,923.7

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, California

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.31	0.93	1.27	2.57	2.67	2.49	0.82	0.99	6.53	1.91
1975	—	1.49	2.80	5.08	4.45	4.17	1.62	1.55	10.68	3.19
1980	5.13	3.37	6.92	13.04	8.15	8.14	4.15	3.55	17.18	6.69
1985	4.54	5.51	5.25	11.15	8.66	8.57	R 4.69	5.58	22.80	9.85
1986	—	4.95	7.58	4.97	10.95	10.32	R 3.76	5.08	23.26	10.03
1987	3.76	5.13	6.05	4.69	12.37	R 11.78	3.58	5.28	23.55	10.11
1988	3.37	5.48	5.84	5.07	11.39	R 10.93	R 3.62	5.58	25.02	11.00
1989	3.66	R 5.38	7.63	5.37	11.65	11.27	R 3.99	R 5.54	27.69	R 11.49
1990	3.77	5.60	5.70	7.44	12.45	R 11.98	4.75	5.81	29.26	12.41
1991	5.21	6.11	5.60	5.88	12.75	12.33	R 4.55	6.32	31.61	13.42
1992	3.76	R 5.82	7.04	5.28	13.39	R 12.87	R 4.16	5.97	32.46	13.93
1993	3.77	6.00	7.40	5.78	14.24	R 13.61	4.06	6.18	33.13	R 13.96
1994	3.74	R 6.27	6.95	5.05	12.90	R 12.34	3.94	R 6.38	33.49	R 14.23
1995	3.77	R 6.35	6.92	5.10	12.50	R 12.02	3.86	R 6.42	34.02	R 14.90
1996	4.03	6.23	7.64	5.32	13.16	R 12.58	4.43	6.33	33.20	R 14.75
1997	3.71	6.69	8.10	4.95	13.73	R 12.93	4.41	6.80	33.71	15.54
1998	3.66	R 6.55	6.99	6.63	12.49	R 11.95	3.82	R 6.70	31.07	R 13.81
1999	3.69	R 6.52	7.68	6.58	12.77	R 12.26	3.93	R 6.67	31.18	R 13.89
2000	3.72	R 8.58	10.77	9.87	16.28	R 15.48	5.90	R 8.79	31.92	R 16.58
2001	—	10.27	10.09	21.72	18.35	17.91	5.62	10.39	37.07	19.02
	Expenditures in Million Nominal Dollars									
1970	1.8	544.3	3.7	2.4	52.1	58.2	6.2	610.4	797.6	1,408.0
1975	—	993.8	8.0	6.1	44.7	58.9	13.9	1,066.6	1,612.8	2,679.3
1980	0.1	1,861.6	3.8	1.3	147.2	152.4	91.9	2,105.9	3,049.5	5,155.4
1985	R 1.2	3,016.1	R 4.4	4.6	167.0	R 176.0	R 119.5	R 3,312.9	4,472.8	R 7,785.7
1986	—	2,384.7	R 10.7	5.2	164.0	R 179.9	R 93.2	R 2,657.8	4,565.8	R 7,223.6
1987	(s)	2,648.3	R 8.5	2.2	237.7	R 248.4	R 124.2	R 3,020.9	4,850.8	R 7,871.8
1988	0.1	2,803.9	R 7.2	2.9	241.2	R 251.4	R 130.4	R 3,185.7	5,518.0	R 8,703.7
1989	0.2	2,874.8	R 10.8	3.3	268.9	R 283.0	R 149.3	R 3,307.3	6,080.0	9,387.3
1990	0.4	R 2,973.9	R 6.7	3.7	259.4	R 269.8	126.9	R 3,371.0	6,646.5	R 10,017.5
1991	R 1.0	3,189.5	6.5	2.7	320.4	R 329.5	R 128.1	R 3,648.1	7,120.4	R 10,768.5
1992	(s)	2,862.8	R 9.4	1.0	233.1	R 243.4	R 123.2	R 3,229.5	7,543.7	R 10,773.2
1993	R 2.2	3,121.0	R 9.9	2.2	258.5	R 270.6	101.9	R 3,495.8	7,613.1	R 11,108.8
1994	2.2	3,328.9	R 9.3	1.9	232.2	R 243.4	R 97.1	R 3,671.6	7,868.9	R 11,540.5
1995	1.5	3,065.5	R 7.1	2.3	221.1	R 230.5	105.6	R 3,403.2	7,983.3	R 11,386.5
1996	2.0	3,048.1	R 6.6	3.1	194.0	R 203.7	R 120.8	R 3,374.5	8,088.0	R 11,462.6
1997	1.0	3,261.3	R 7.5	3.8	182.9	R 194.2	R 69.8	R 3,526.4	8,405.4	R 11,931.8
1998	1.1	3,805.5	R 6.9	8.9	275.0	R 290.8	R 54.8	R 4,152.2	7,929.9	R 12,082.1
1999	0.3	3,763.4	R 7.7	7.0	263.7	R 278.3	60.3	R 4,102.4	8,011.8	R 12,114.1
2000	0.2	4,242.4	R 15.1	R 15.7	313.0	R 343.8	R 94.7	R 4,681.1	8,629.0	R 13,310.1
2001	—	5,347.4	17.3	43.1	242.6	302.9	77.1	5,727.4	9,776.2	15,503.6

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, California

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.63	0.69	1.12	0.78	1.37	2.80	0.40	0.76	0.82	0.71	5.02	2.09
1975	—	1.22	2.60	2.50	2.77	4.84	2.45	2.93	1.62	1.48	8.73	4.36
1980	1.82	3.82	6.60	6.38	5.21	10.19	4.90	6.02	4.15	4.30	17.99	9.57
1985	2.25	6.39	5.93	11.15	10.11	8.68	3.93	R 7.36	4.69	6.50	23.61	R 15.08
1986	—	5.65	3.52	4.97	9.45	6.68	2.16	R 4.24	3.76	5.34	24.19	R 15.01
1987	2.09	5.28	4.15	4.69	8.87	6.95	2.60	R 4.92	3.58	R 5.20	23.47	R 14.14
1988	1.94	4.55	3.82	5.07	8.94	7.08	2.09	R 4.60	3.62	4.55	24.15	R 13.78
1989	1.93	R 4.69	4.78	5.37	7.99	7.66	2.30	5.41	3.99	R 4.79	25.33	R 14.55
1990	2.00	4.96	5.63	7.44	9.49	8.57	3.00	R 6.31	4.57	5.13	26.32	R 15.09
1991	1.97	5.36	5.29	5.88	9.84	8.18	2.24	5.99	4.40	R 5.43	28.12	R 15.92
1992	1.83	R 5.02	5.01	5.28	9.82	9.19	2.25	R 6.91	4.03	R 5.16	29.06	R 16.74
1993	1.85	5.81	5.24	5.78	9.77	9.08	2.14	R 6.29	3.85	R 5.79	29.27	R 17.77
1994	1.87	R 6.99	4.81	5.05	10.70	9.11	2.41	R 6.12	3.51	R 6.85	30.37	R 18.56
1995	1.76	R 6.14	5.11	5.10	10.84	9.25	2.70	R 6.11	2.74	R 6.06	30.08	R 17.73
1996	1.70	R 5.76	6.05	5.32	12.19	10.02	2.95	R 7.11	3.36	R 5.77	28.22	R 17.65
1997	1.74	6.32	5.44	4.95	12.40	10.26	2.78	R 6.65	3.15	R 6.27	28.57	R 18.05
1998	1.78	R 6.03	4.16	6.63	10.83	8.99	2.00	R 5.67	2.79	R 5.95	27.35	R 16.48
1999	1.73	R 6.08	5.44	6.58	11.14	10.50	—	R 6.73	2.54	R 6.08	26.15	R 17.01
2000	1.66	R 7.88	7.96	9.87	14.21	12.63	4.31	R 9.15	3.44	R 7.92	28.91	19.77
2001	—	9.19	6.98	21.72	15.43	12.23	3.51	8.49	3.08	9.06	35.26	24.27
	Expenditures in Million Nominal Dollars											
1970	0.7	152.9	4.3	2.3	4.7	21.8	21.8	54.8	0.1	208.5	696.1	904.6
1975	—	309.6	9.8	9.2	4.9	41.2	67.4	132.6	0.3	442.4	1,723.0	2,165.4
1980	0.1	1,027.9	124.0	8.0	16.6	96.1	209.9	454.6	2.2	1,484.9	3,894.7	5,379.6
1985	2.2	1,359.7	R 118.0	22.3	34.4	80.2	0.9	R 255.8	3.2	R 1,620.8	5,928.2	R 7,549.0
1986	—	1,070.4	R 117.6	3.2	25.0	61.6	13.0	R 220.4	2.9	R 1,293.7	6,167.8	R 7,461.4
1987	(s)	1,153.9	R 140.8	4.5	30.1	92.0	15.5	R 282.9	4.2	R 1,441.1	6,228.1	R 7,669.2
1988	0.2	1,162.5	R 130.8	2.5	33.4	65.9	10.8	R 243.5	4.7	R 1,410.9	6,653.8	R 8,064.7
1989	0.4	1,264.5	R 130.0	1.3	32.6	71.7	R 10.7	R 246.3	5.5	R 1,516.7	7,252.9	R 8,769.6
1990	R 0.9	1,459.7	R 134.1	0.8	34.9	86.8	R 16.7	R 273.3	8.2	R 1,742.0	7,929.5	R 9,671.5
1991	1.7	1,581.8	R 136.4	0.8	43.6	70.8	10.7	R 262.3	8.2	R 1,854.0	8,261.4	R 10,115.4
1992	(s)	1,467.8	R 66.3	0.6	30.1	71.7	0.6	R 169.4	8.1	R 1,645.3	8,710.5	R 10,355.8
1993	5.0	1,509.2	R 72.0	0.6	31.3	12.5	0.2	R 116.6	8.3	R 1,639.1	8,643.2	R 10,282.3
1994	6.1	1,865.4	R 65.2	0.4	34.0	10.8	0.1	R 110.5	8.5	R 1,990.4	8,758.6	R 10,749.0
1995	4.8	1,731.1	R 94.1	0.8	33.8	11.4	0.1	R 140.2	9.3	R 1,885.3	8,828.9	R 10,714.2
1996	6.2	1,401.0	R 90.2	2.1	31.7	12.1	0.2	R 136.3	11.0	R 1,554.5	8,532.1	R 10,086.6
1997	3.9	1,632.7	R 78.8	1.2	29.2	12.5	(s)	R 121.7	8.8	R 1,767.0	8,997.5	R 10,764.5
1998	R 4.3	1,797.3	R 64.4	2.4	42.1	11.7	R 0.7	R 121.3	7.6	R 1,930.5	8,606.9	R 10,537.4
1999	1.0	1,509.8	R 87.0	1.1	40.6	12.9	—	R 141.6	8.5	R 1,660.9	8,545.5	R 10,206.4
2000	0.8	R 1,858.2	R 143.9	R 2.9	48.2	15.6	(s)	R 210.6	12.9	R 2,082.5	9,852.7	R 11,935.3
2001	—	2,293.3	115.4	7.8	36.0	15.6	0.6	175.4	9.8	2,478.5	13,353.1	15,831.6

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, California

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	0.43	0.63	0.43	0.38	0.49	0.68	0.78	1.37	5.08	2.80	0.35	1.37	0.96	1.54	0.61	2.90	0.90
1975	1.38	0.92	1.32	1.05	1.62	2.21	2.50	2.77	7.48	4.84	1.66	2.77	2.35	1.54	1.52	6.70	2.25
1980	1.97	1.82	1.91	3.64	3.78	5.49	6.38	5.21	14.36	10.19	3.16	8.10	5.46	1.51	4.36	16.04	6.24
1985	—	2.25	2.25	4.54	4.78	6.19	6.90	10.11	17.61	8.68	3.93	8.26	6.32	1.51	5.22	22.00	R 7.93
1986	—	2.26	2.26	3.46	5.08	3.84	4.80	9.45	15.59	6.68	2.16	7.05	R 5.20	1.77	4.20	21.63	R 7.12
1987	—	2.09	2.09	3.39	5.36	4.42	4.80	8.87	13.58	6.95	2.60	7.74	R 5.58	1.77	4.24	20.38	R 6.58
1988	—	1.94	1.94	3.65	4.53	4.07	4.97	8.94	14.62	7.08	2.09	6.76	R 5.32	1.77	4.22	20.15	R 6.88
1989	—	1.93	R 1.93	R 3.61	3.10	4.98	5.50	7.99	14.48	7.66	2.30	R 6.55	R 5.46	R d 1.19	R d 4.03	20.89	R d 6.80
1990	—	2.00	R 2.00	3.79	3.13	5.69	7.19	9.49	14.60	8.57	3.00	R 6.70	R 5.90	R 0.99	R 4.26	21.35	R 6.98
1991	—	1.97	R 1.97	3.86	3.18	5.43	6.13	9.84	16.80	8.18	2.24	R 6.72	R 5.74	R 1.15	R 4.18	22.22	R 7.11
1992	—	1.83	R 1.83	R 3.58	2.74	5.44	5.03	9.82	18.32	9.19	2.25	R 7.20	R 6.02	R 1.15	R 4.08	22.25	R 7.09
1993	—	1.85	R 1.85	2.72	2.60	5.68	5.07	9.77	18.96	9.08	2.14	R 6.47	R 5.85	R 1.16	R 3.49	21.49	R 6.45
1994	—	1.87	R 1.87	R 3.19	2.95	5.29	4.92	10.74	19.11	9.11	2.41	R 5.55	R 5.90	R 1.18	R 3.85	20.79	R 6.78
1995	—	1.76	R 1.76	R 3.66	3.09	5.43	4.99	10.19	19.41	9.25	2.70	R 5.50	R 5.89	R 1.26	R 4.08	21.59	R 6.97
1996	—	1.70	R 1.70	3.65	3.41	6.40	5.55	9.80	20.08	10.02	2.95	R 5.72	R 6.34	R 1.08	R 4.16	20.41	R 6.93
1997	—	1.74	R 1.74	4.11	3.51	5.79	5.40	9.40	17.98	10.26	2.78	R 5.38	R 6.09	R 1.05	4.35	20.38	R 7.03
1998	—	1.78	R 1.78	R 3.55	3.68	4.30	4.06	8.22	19.07	8.99	2.00	R 4.85	R 5.33	R 1.33	R 3.88	19.30	R 6.26
1999	—	1.73	R 1.73	3.28	3.60	5.32	3.13	8.77	16.75	10.50	2.68	R 5.08	R 5.35	R 1.44	R 3.78	18.36	R 6.17
2000	—	1.66	R 1.66	R 5.53	3.44	7.98	7.09	11.96	17.99	12.63	4.31	R 7.42	R 6.77	R 1.48	R 5.60	20.94	R 8.15
2001	—	1.61	1.61	6.50	3.91	7.07	7.03	13.67	19.00	12.23	3.51	6.58	6.98	1.59	6.25	28.75	9.13
	Expenditures in Million Nominal Dollars																
1970	25.6	0.2	25.8	209.3	39.0	31.2	1.5	41.1	46.6	28.6	21.3	67.2	276.4	49.2	560.6	392.2	952.9
1975	67.7	6.9	74.6	539.6	141.0	126.2	16.5	116.1	56.6	34.0	62.4	155.6	708.3	53.2	1,375.7	988.9	2,364.7
1980	79.8	46.5	126.4	1,248.7	462.2	489.1	67.9	191.9	183.1	90.9	204.4	602.5	2,292.1	29.1	3,696.3	2,607.7	6,304.1
1985	—	99.0	99.0	1,745.8	439.0	R 636.7	19.2	359.5	204.4	139.8	428.9	480.0	R 2,707.5	34.1	R 4,586.4	3,725.4	R 8,311.8
1986	—	96.1	96.1	1,252.1	517.9	R 326.5	5.3	348.1	176.9	111.5	179.2	314.0	R 1,979.3	20.9	R 3,348.4	3,469.7	R 6,818.1
1987	—	94.0	94.0	1,637.5	585.1	R 387.3	11.8	379.4	174.2	118.9	208.4	351.4	R 2,216.6	20.8	R 3,968.9	3,241.7	R 7,210.6
1988	—	98.3	98.3	1,557.2	461.6	R 369.9	1.0	352.2	180.8	110.7	99.2	293.5	R 1,869.0	21.7	R 3,546.2	3,387.0	R 6,933.2
1989	—	111.1	R 111.1	1,712.8	308.2	R 474.9	1.3	349.0	183.8	130.1	R 25.2	R 319.7	R 1,792.2	R d 59.7	d 3,675.7	3,738.1	R d 7,413.9
1990	—	129.7	R 129.7	1,967.7	308.8	R 562.9	1.6	307.5	190.7	142.4	R 23.6	R 355.8	R 1,893.3	R 40.6	R 4,031.3	3,827.3	R 7,858.6
1991	—	124.1	R 124.1	2,147.0	301.0	R 448.0	1.3	197.5	196.2	140.6	R 16.6	R 270.2	R 1,571.3	R 42.4	R 3,884.8	4,011.2	R 7,896.1
1992	—	118.6	R 118.6	1,981.9	246.7	R 398.4	0.6	289.0	218.2	159.2	R 18.1	R 327.0	R 1,657.1	R 41.2	R 3,798.9	4,100.0	R 7,898.8
1993	—	99.1	R 99.1	R 1,572.0	214.7	R 426.5	1.3	178.6	229.9	127.1	R 13.3	R 298.2	R 1,489.6	R 34.4	R 3,195.1	3,885.0	R 7,080.1
1994	—	101.2	R 101.2	R 1,805.9	239.3	R 427.1	1.1	253.6	242.3	131.4	R 13.1	R 305.3	R 1,613.1	R 32.9	R 3,553.1	4,009.2	R 7,562.2
1995	—	102.2	R 102.2	R 2,156.6	250.3	R 365.1	1.6	196.8	241.9	137.5	R 19.1	R 293.9	R 1,506.1	R 37.0	R 3,801.9	3,986.7	R 7,788.6
1996	—	R 95.4	R 95.4	R 2,162.8	280.9	R 437.3	3.8	143.2	242.8	143.3	R 2.4	R 261.3	R 1,515.2	R 28.4	R 3,801.8	3,836.8	R 7,638.7
1997	—	R 108.3	R 108.3	R 2,734.9	268.1	R 467.7	5.6	120.6	229.6	155.6	0.8	R 260.1	R 1,508.0	R 34.0	R 4,385.2	4,129.2	R 8,514.4
1998	—	R 77.3	R 77.3	R 2,525.3	379.9	R 318.3	4.0	74.0	255.0	152.9	(s)	R 243.8	R 1,428.0	R 35.0	R 4,065.7	3,693.5	R 7,759.2
1999	—	81.0	R 81.0	R 2,162.3	486.3	R 452.8	1.3	135.6	226.3	105.2	R 4.2	R 281.7	R 1,693.4	R 42.2	R 3,978.9	3,780.0	R 7,758.9
2000	—	78.8	R 78.8	R 3,635.9	464.2	R 861.1	R 1.5	205.0	239.4	129.7	R 1.0	R 255.5	R 2,157.6	R 49.1	R 5,921.4	4,403.2	R 10,324.7
2001	—	75.4	75.4	3,888.4	491.2	886.1	1.7	234.1	231.7	288.8	0.2	215.3	2,349.2	60.8	6,373.8	4,301.9	10,675.7

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, California

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.63	—	2.17	1.42	0.73	1.37	5.08	2.80	0.36	2.07	2.07	2.88	2.07
1975	0.92	—	3.45	3.22	2.04	2.77	7.48	4.84	2.12	4.02	4.02	4.34	4.02
1980	—	—	9.02	7.07	6.21	5.21	14.36	10.19	4.14	8.22	8.22	11.39	8.22
1985	—	—	9.99	6.90	6.01	R 10.23	17.61	8.68	5.02	7.67	7.67	18.29	7.68
1986	—	—	8.41	5.93	3.99	R 9.56	15.59	6.68	2.86	5.82	5.82	18.21	5.83
1987	—	—	7.55	6.70	4.04	R 8.98	13.58	6.95	2.60	5.95	5.95	13.47	5.95
1988	—	—	7.41	6.51	3.84	R 9.05	14.62	7.08	2.26	5.97	5.97	14.99	5.98
1989	—	—	8.28	7.14	4.50	R 8.09	14.48	7.66	2.57	R 6.51	R 6.51	13.15	6.51
1990	—	4.69	9.32	8.21	5.76	R 9.58	14.60	8.57	3.59	7.43	7.43	13.26	7.43
1991	—	5.62	8.71	8.02	4.80	9.84	16.80	8.18	2.58	7.01	7.01	14.80	7.02
1992	—	6.26	8.54	8.19	4.53	9.82	18.32	9.19	1.84	R 7.72	R 7.72	16.23	7.72
1993	—	R 4.58	8.24	8.46	4.50	9.77	18.96	9.08	2.00	7.64	7.64	14.79	R 7.65
1994	—	4.99	7.96	8.29	4.03	9.83	19.11	9.11	2.02	R 7.42	R 7.42	14.64	R 7.42
1995	—	R 5.48	8.36	8.40	4.15	10.08	19.41	9.25	2.13	R 7.52	R 7.52	19.72	R 7.52
1996	—	R 4.59	9.29	9.19	4.96	9.96	20.08	10.02	2.09	R 8.25	R 8.25	18.90	R 8.25
1997	—	4.42	9.39	9.11	4.71	9.71	17.98	10.26	R 3.35	R 8.65	R 8.65	21.99	R 8.66
1998	—	R 4.00	8.11	7.95	3.38	8.54	19.07	8.99	2.11	R 7.45	R 7.45	14.83	R 7.46
1999	—	R 4.37	8.81	9.10	4.26	10.79	16.75	10.50	R 4.27	R 8.81	R 8.81	12.15	R 8.81
2000	—	R 6.19	R 10.87	11.30	6.91	R 13.96	17.99	12.63	R 6.24	R 10.92	R 10.92	14.33	R 10.92
2001	—	6.41	11.01	10.44	5.83	15.44	19.00	12.23	5.29	10.46	10.45	22.81	10.46
	Expenditures in Million Nominal Dollars												
1970	0.1	—	23.9	243.7	242.7	1.6	75.7	3,098.8	63.3	3,749.7	3,749.8	0.6	3,750.4
1975	(s)	—	28.5	573.4	714.6	4.0	108.3	6,062.6	267.8	7,759.2	7,759.2	3.9	7,763.2
1980	—	—	13.0	1,720.6	2,166.4	10.0	244.2	13,392.0	1,736.6	19,282.8	19,282.8	7.9	19,290.7
1985	—	—	68.3	R 2,006.4	2,257.8	R 45.2	272.5	11,975.2	1,369.0	R 17,994.4	R 17,994.4	16.6	R 18,011.0
1986	—	—	56.8	R 1,833.2	1,685.3	R 32.4	235.9	9,643.1	659.5	R 14,146.2	R 14,146.2	16.5	R 14,162.7
1987	—	—	41.3	R 1,813.5	1,811.7	R 27.6	232.3	10,479.7	781.5	R 15,187.6	R 15,187.6	12.0	R 15,199.6
1988	—	—	49.1	R 2,267.1	1,784.5	R 29.8	241.1	11,109.0	665.9	R 16,146.5	R 16,146.5	13.9	R 16,160.4
1989	—	—	54.4	R 2,444.7	2,286.8	R 26.4	245.1	12,308.3	R 788.4	R 18,154.1	R 18,154.1	12.3	R 18,166.5
1990	—	(s)	52.0	R 2,657.7	3,081.3	R 32.0	254.2	13,549.5	R 1,224.8	R 20,851.5	R 20,851.5	14.3	R 20,865.8
1991	—	0.1	48.0	R 2,607.9	2,438.9	27.0	261.6	12,622.5	R 677.8	R 18,683.8	R 18,683.9	17.4	R 18,701.3
1992	—	R 2.9	45.7	R 2,571.4	2,219.3	23.1	290.9	15,014.6	R 369.1	R 20,534.1	R 20,536.9	21.4	R 20,558.3
1993	—	R 2.6	34.1	R 2,426.3	2,273.1	23.2	306.6	14,587.1	R 407.4	R 20,057.9	R 20,060.5	20.6	R 20,081.1
1994	—	R 3.0	31.9	R 2,691.0	2,257.2	36.0	323.0	14,510.8	R 478.1	R 20,327.9	R 20,330.9	21.2	R 20,352.2
1995	—	4.7	34.1	R 2,833.7	2,241.5	20.6	322.5	14,978.3	R 588.6	R 21,019.1	R 21,023.8	28.5	R 21,052.3
1996	—	R 5.3	36.0	R 3,155.1	2,915.8	17.3	323.8	16,486.2	R 513.2	R 23,447.5	R 23,452.7	27.7	R 23,480.4
1997	—	R 6.9	39.6	R 3,325.3	2,755.2	12.3	306.2	17,097.9	R 447.4	R 23,983.8	R 23,990.7	35.9	R 24,026.5
1998	—	R 7.2	23.5	R 2,895.8	2,018.3	20.7	340.0	15,300.4	R 226.7	R 20,825.4	R 20,832.6	26.4	R 20,858.9
1999	—	R 9.3	36.7	R 3,432.4	2,383.0	15.0	301.7	18,367.9	R 623.0	R 25,159.5	R 25,168.8	22.4	R 25,191.2
2000	—	R 13.9	R 39.7	R 4,643.0	4,036.2	R 17.2	319.2	22,421.6	R 1,316.8	R 32,793.8	R 32,807.7	29.6	R 32,837.4
2001	—	17.7	29.8	4,329.3	3,213.4	21.8	308.9	22,121.6	819.0	30,843.8	30,861.5	51.4	30,912.8

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, California (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	—	0.33	0.40	0.36	—	0.40	0.19	0.65	—	0.99	0.34
1975	—	1.05	2.50	2.43	—	2.50	0.21	0.92	—	—	1.82
1980	—	3.53	5.03	5.84	—	5.06	0.49	1.74	4.72	3.59	3.99
1985	—	4.47	5.31	5.69	—	5.33	0.96	0.79	6.36	4.84	3.75
1986	—	2.81	3.16	4.79	—	3.26	0.97	0.32	6.31	4.80	2.24
1987	—	2.50	2.82	4.10	—	2.93	0.99	0.95	6.11	4.65	2.14
1988	—	2.83	2.66	4.03	—	2.67	0.90	0.87	6.02	4.58	2.27
1989	1.56	2.92	3.08	3.64	—	3.09	0.85	([b])	6.05	4.60	2.26
1990	1.49	3.03	4.36	4.57	0.80	4.02	0.72	([b])	5.84	5.66	2.21
1991	1.43	2.87	3.06	4.90	0.78	1.95	0.67	([b])	4.60	3.06	1.99
1992	1.30	2.72	2.18	4.57	0.75	1.33	0.55	([b])	4.37	3.19	1.89
1993	1.30	2.96	2.31	5.39	0.67	1.89	0.44	([b])	4.01	2.89	1.99
1994	1.28	2.48	2.16	2.68	0.69	1.60	0.47	2.44	4.09	2.27	1.91
1995	1.36	2.22	2.16	4.62	0.69	1.13	0.43	2.59	4.04	2.18	1.67
1996	1.49	2.68	2.16	5.09	0.64	1.18	0.44	1.54	3.82	2.31	1.76
1997	1.54	3.02	3.48	4.94	0.66	1.09	0.45	0.82	3.77	1.62	2.04
1998	1.38	2.69	6.16	2.75	0.64	0.82	0.45	0.92	4.01	3.02	1.81
1999	1.41	2.73	3.39	3.27	0.60	0.82	0.42	0.67	4.92	4.16	1.88
2000	1.36	5.81	6.16	6.19	0.43	1.72	0.45	1.48	3.04	3.52	4.03
2001	1.11	9.28	5.95	6.32	0.53	2.61	0.43	1.66	3.29	3.82	6.57
	Expenditures in Million Nominal Dollars										
1970	—	220.1	54.7	0.2	—	54.9	6.7	0.3	—	(s)	282.1
1975	—	305.2	1,230.5	3.4	—	1,234.0	14.4	0.2	—	—	1,553.7
1980	—	1,925.0	1,980.8	86.2	—	2,067.0	26.1	0.4	1.6	0.2	4,019.9
1985	—	3,130.1	154.2	10.2	—	164.4	200.4	(s)	91.1	2.4	3,583.7
1986	—	1,304.4	106.1	9.7	—	115.8	268.1	0.1	83.8	1.9	1,770.4
1987	—	1,670.1	58.9	8.4	—	67.3	312.6	0.2	163.2	1.4	2,212.0
1988	—	1,621.7	208.3	3.9	—	212.2	293.1	0.1	152.6	2.3	2,277.4
1989	13.2	1,975.4	291.5	7.1	—	298.6	292.0	([b])	98.8	8.8	2,669.3
1990	28.1	1,966.8	196.4	7.0	3.9	207.4	249.6	([b])	102.4	10.1	2,544.3
1991	36.4	1,855.6	18.0	4.0	5.9	27.9	221.5	([b])	49.5	1.8	2,189.1
1992	34.6	2,144.2	6.6	3.8	6.7	17.1	203.7	([b])	31.3	0.3	2,430.6
1993	36.1	2,056.1	46.8	3.9	6.1	56.7	145.3	([b])	27.5	0.5	2,321.3
1994	34.1	2,074.1	38.7	1.8	8.1	48.7	164.1	200.2	30.1	0.8	2,550.6
1995	31.8	1,377.8	10.0	2.9	10.9	23.7	135.1	162.0	27.1	1.7	1,755.8
1996	29.7	1,443.1	13.3	4.3	11.2	28.8	157.3	95.5	19.7	2.2	1,771.9
1997	27.8	1,836.6	1.0	8.2	10.9	20.0	145.2	50.4	21.5	1.9	2,099.5
1998	27.8	1,783.7	0.4	4.7	13.2	18.3	164.8	59.2	18.5	20.3	2,052.0
1999	31.1	2,014.2	(s)	5.3	11.0	16.3	146.2	46.8	24.4	17.9	2,261.1
2000	30.1	5,295.7	3.3	32.4	8.6	44.4	164.9	103.0	57.1	25.5	5,669.5
2001	23.4	9,277.6	18.4	50.5	10.3	79.1	150.3	106.6	38.4	4.8	9,670.7

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[b] Electric plants used waste gases at no charge.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Colorado

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	0.43	0.30	0.34	0.48	1.04	0.76	1.60	2.72	0.44	1.12	1.88	—	1.55	1.03	0.25	6.09	1.52
1975	1.38	0.53	0.68	0.98	2.30	2.12	3.02	4.67	1.59	2.85	3.55	—	1.67	2.02	0.60	7.95	2.92
1980	1.97	0.89	1.00	2.98	6.45	6.59	5.88	9.36	3.88	6.13	7.94	0.21	2.91	4.32	1.12	12.94	6.48
1985	—	1.17	1.17	4.71	R 6.56	5.94	R 6.48	9.28	3.80	6.84	R 8.08	—	3.31	4.74	1.21	17.88	R 8.22
1986	—	1.18	1.18	4.54	R 5.78	3.92	R 6.28	6.76	2.34	6.09	R 6.13	0.27	2.68	R 3.94	1.21	17.69	R 7.25
1987	—	1.13	1.13	4.26	R 6.20	4.05	R 4.86	7.59	2.63	4.92	R 6.56	0.28	2.45	4.03	1.15	17.12	R 7.38
1988	—	1.08	1.08	3.95	R 5.87	3.78	R 3.35	7.34	2.80	4.92	R 6.34	0.29	2.46	3.79	1.09	17.32	R 7.17
1989	—	1.08	1.08	R 3.82	R 6.84	4.30	R 6.09	8.13	1.96	4.88	7.17	0.28	R e 2.87	R e 3.98	R 1.11	17.48	R e 7.60
1990	—	R 1.07	R 1.07	R 3.86	R 7.94	5.59	R 6.65	9.29	R 2.94	4.70	8.16	—	R 4.12	R 4.35	R 1.11	17.31	R 8.11
1991	—	R 1.10	R 1.10	R 3.69	R 7.41	4.87	R 8.06	9.23	3.86	5.57	R 8.05	—	R 3.31	R 4.31	R 1.13	17.49	R 7.94
1992	—	R 1.11	R 1.11	R 3.64	R 7.28	4.47	R 8.18	9.56	3.22	5.60	R 8.11	—	R 3.72	R 4.33	R 1.14	17.69	R 8.05
1993	—	1.11	1.11	R 3.72	R 7.57	4.25	R 7.08	9.61	2.04	5.48	R 8.05	—	R 3.64	R 4.39	R 1.15	17.78	R 7.94
1994	—	R 1.07	R 1.07	R 3.96	R 7.43	3.99	R 8.47	9.88	R 2.89	5.10	R 8.21	—	R 3.61	R 4.49	R 1.12	17.86	R 8.31
1995	—	1.06	1.06	R 3.87	R 7.61	4.04	R 8.31	9.78	2.99	5.63	R 8.33	—	R 3.52	R 4.58	R 1.10	18.00	R 8.39
1996	—	1.03	1.03	R 3.57	R 8.39	4.87	R 10.20	10.47	3.97	5.94	R 9.06	—	R 4.05	R 4.78	R 1.11	17.80	R 8.65
1997	—	1.02	1.02	R 4.05	R 8.05	4.64	R 9.27	10.53	R 3.54	6.75	R 9.15	—	R 4.09	R 4.82	R 1.17	17.50	R 8.76
1998	—	0.99	0.99	R 4.02	R 6.91	3.52	R 7.91	8.93	1.98	R 5.64	R 7.65	—	R 3.60	R 4.35	R 1.17	17.51	R 8.11
1999	—	0.99	0.99	R 4.22	R 7.47	4.06	R 9.15	9.72	R 2.86	R 6.73	R 8.46	—	R 3.59	R 4.74	R 1.16	17.49	R 8.70
2000	—	0.93	0.93	R 5.22	R 10.01	6.67	R 13.19	12.34	5.66	R 5.64	R 10.84	—	R 5.33	R 5.91	R 1.41	17.27	R 10.23
2001	—	0.93	0.93	6.35	9.65	5.93	13.41	12.17	4.87	6.81	10.78	—	4.54	6.20	1.48	17.70	10.85
	Expenditures in Million Nominal Dollars																
1970	12.0	26.8	38.8	128.2	30.9	32.0	27.5	372.5	3.9	36.3	503.1	—	4.0	674.1	-30.6	222.3	865.8
1975	39.5	69.0	108.4	262.9	118.1	85.7	55.7	782.3	32.7	62.9	1,137.4	—	4.4	1,513.1	-105.4	426.0	1,833.7
1980	50.2	197.5	247.8	706.8	422.1	175.9	83.3	1,685.6	43.6	166.1	2,576.6	1.5	5.0	3,537.6	-272.5	918.2	4,183.3
1985	—	R 349.1	R 349.1	931.2	R 349.5	264.1	R 52.0	1,742.8	3.7	188.2	R 2,600.4	—	7.8	R 3,888.5	-342.6	1,608.3	R 5,154.1
1986	—	R 349.1	R 349.1	810.9	R 324.4	178.8	R 47.9	1,297.1	1.1	156.5	R 2,005.7	0.2	8.4	R 3,174.3	-340.8	1,621.9	R 4,455.4
1987	—	336.3	336.3	793.7	R 339.7	192.0	R 40.0	1,442.6	(s)	129.6	R 2,144.0	0.5	5.7	R 3,280.3	-332.3	1,622.8	R 4,570.8
1988	—	R 337.1	R 337.1	817.3	R 365.6	138.0	R 31.1	1,403.0	0.5	143.2	R 2,081.4	2.0	6.0	R 3,243.8	-337.2	1,716.9	R 4,623.4
1989	—	R 348.5	R 348.5	R 849.4	R 389.1	129.8	R 80.3	1,513.4	0.1	126.5	R 2,239.3	1.6	R e 4.5	R e 3,443.3	R -362.8	1,775.2	R e 4,855.6
1990	—	R 361.8	R 361.8	R 838.2	R 467.8	193.0	R 71.5	1,735.8	(s)	127.5	R 2,595.5	—	R 16.7	R 3,812.2	R -371.2	1,800.4	R 5,241.4
1991	—	R 364.7	R 364.7	R 870.9	R 451.8	179.5	R 97.8	1,730.6	1.1	144.1	R 2,605.0	—	R 17.7	R 3,858.3	R -373.1	1,858.1	R 5,343.3
1992	—	R 377.8	R 377.8	R 841.6	R 466.9	186.0	R 90.4	1,797.8	0.7	148.3	R 2,690.2	—	R 16.1	R 3,925.6	R -384.3	1,903.2	R 5,444.5
1993	—	R 384.0	R 384.0	R 948.2	R 523.6	215.6	R 86.8	1,913.6	(s)	153.6	R 2,893.2	—	R 15.0	R 4,240.4	R -393.7	1,978.9	R 5,825.5
1994	—	R 385.1	R 385.1	R 950.8	R 514.5	178.8	R 103.1	2,034.6	(s)	169.4	R 3,000.5	—	R 14.4	R 4,350.8	R -403.7	2,075.6	R 6,022.6
1995	—	R 363.3	R 363.3	R 981.4	R 539.8	169.9	R 118.0	2,108.7	0.1	168.6	R 3,105.1	—	R 15.6	R 4,465.4	R -386.3	2,142.0	R 6,221.1
1996	—	R 360.3	R 360.3	R 987.5	R 610.2	214.5	R 143.3	2,349.3	0.4	191.3	R 3,509.0	—	R 17.8	R 4,874.6	R -414.0	2,224.3	R 6,685.0
1997	—	R 368.7	R 368.7	R 1,089.2	R 556.2	188.6	R 64.5	2,401.7	(s)	159.9	R 3,370.8	—	R 18.2	R 4,847.5	R -439.2	2,244.2	R 6,652.5
1998	—	R 361.3	R 361.3	R 1,152.1	R 584.2	135.5	R 38.4	2,086.7	(s)	R 217.8	R 3,062.6	—	R 14.5	R 4,590.5	R -457.9	2,336.7	R 6,469.3
1999	—	R 360.7	R 360.7	R 1,187.6	R 654.1	179.5	R 97.9	2,384.1	(s)	R 145.7	R 3,461.5	—	R 16.1	R 5,025.9	R -460.6	2,395.0	R 6,960.3
2000	—	R 361.3	R 361.3	R 1,651.5	R 907.8	286.6	R 306.9	3,049.5	0.3	R 183.9	R 4,734.9	—	R 24.4	R 6,772.2	R -626.3	2,508.0	R 8,653.9
2001	—	373.7	373.7	2,092.0	979.6	259.3	314.2	3,147.9	(s)	163.1	4,864.1	—	20.1	7,350.3	-709.2	2,638.4	9,279.4

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Colorado

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	0.90	0.74	1.28	1.51	1.79	1.74	0.72	0.88	7.73	1.70
1975	1.58	1.29	2.84	2.96	3.33	3.26	1.43	1.53	9.94	2.76
1980	2.54	3.26	6.96	7.98	7.32	7.31	3.66	3.54	15.00	5.71
1985	2.83	5.11	6.91	8.54	6.55	6.68	4.14	5.17	20.28	R 8.72
1986	2.78	4.99	4.32	4.62	6.81	R 6.59	3.32	5.05	20.60	9.00
1987	2.40	4.74	3.49	4.62	5.19	R 5.08	3.16	4.74	20.01	8.59
1988	2.12	4.39	3.47	4.31	2.51	2.62	R 3.20	4.27	20.31	8.20
1989	2.43	R 4.58	5.09	4.51	6.11	6.01	3.53	R 4.66	20.56	R 8.58
1990	2.41	R 4.56	6.19	5.87	7.02	6.98	4.75	R 4.71	20.57	R 8.62
1991	2.36	4.46	5.90	7.18	7.32	R 7.30	R 4.55	4.64	20.72	8.45
1992	2.43	R 4.47	4.82	6.75	7.66	7.58	R 4.16	R 4.65	21.11	R 8.71
1993	2.16	R 4.48	4.75	6.84	6.13	R 6.12	4.06	R 4.56	21.22	R 8.50
1994	2.25	R 4.92	2.93	5.84	9.21	R 8.98	3.94	R 5.14	21.56	R 9.32
1995	2.24	R 4.73	3.94	6.04	8.97	R 8.80	3.86	R 4.99	21.75	R 9.13
1996	2.14	R 4.32	4.46	6.79	11.04	R 10.76	4.43	R 4.74	21.95	R 8.98
1997	2.14	R 4.77	6.96	7.10	10.82	R 9.84	4.41	R 4.82	21.74	R 9.14
1998	2.10	R 5.19	5.76	R 6.15	9.16	R 8.25	3.82	R 5.17	21.83	R 9.70
1999	2.05	R 5.38	5.99	R 7.25	9.22	R 9.17	3.93	R 5.56	21.63	R 9.85
2000	2.13	R 6.15	9.27	R 8.95	12.59	R 12.42	5.90	R 6.65	21.41	R 10.61
2001	2.25	8.33	9.54	8.84	13.82	13.63	5.62	8.63	21.88	12.12
	Expenditures in Million Nominal Dollars									
1970	2.6	59.4	1.3	1.0	20.9	23.1	0.3	85.4	101.8	187.2
1975	0.2	115.6	4.7	0.6	35.4	40.7	0.8	157.3	174.4	331.7
1980	1.1	290.6	3.2	1.0	44.9	49.1	4.0	344.8	342.5	687.3
1985	R 2.1	459.9	R 3.8	2.4	32.8	R 39.0	6.5	R 507.5	613.3	R 1,120.8
1986	R 1.4	406.6	R 1.5	0.8	33.6	R 35.8	5.1	R 449.0	623.0	R 1,072.0
1987	R 1.0	408.9	R 1.1	0.7	27.9	R 29.7	2.5	442.0	629.5	1,071.5
1988	R 1.0	410.6	R 1.0	0.8	12.9	R 14.6	2.6	428.8	662.0	1,090.7
1989	R 0.7	424.0	1.2	1.1	35.9	38.2	3.0	465.8	673.0	1,138.8
1990	R 0.6	420.1	1.0	0.7	43.2	44.9	14.6	R 480.2	687.1	R 1,167.3
1991	R 0.6	447.2	R 0.7	1.0	50.3	R 52.0	R 14.8	R 514.6	713.8	R 1,228.4
1992	0.5	431.4	R 0.5	1.4	47.0	R 48.9	14.2	495.1	735.8	R 1,230.8
1993	0.3	480.0	R 0.8	1.3	39.1	R 41.2	12.9	R 534.5	771.5	1,306.0
1994	0.2	489.6	0.4	1.3	58.8	R 60.5	12.3	562.6	804.6	R 1,367.2
1995	0.1	500.6	R 0.8	0.7	71.1	R 72.6	13.4	R 586.7	839.0	R 1,425.6
1996	0.1	487.0	R 1.2	0.8	83.7	R 85.7	15.3	R 588.1	889.2	R 1,477.2
1997	0.3	556.0	R 2.1	0.8	12.9	R 15.7	15.5	R 587.5	909.6	R 1,497.1
1998	0.1	578.6	R 0.6	R 0.8	5.7	R 7.1	12.2	R 598.0	942.4	R 1,540.4
1999	0.6	601.2	R 0.3	R 0.7	67.1	R 68.1	13.4	R 683.3	968.9	R 1,652.2
2000	0.4	714.5	R 3.3	R 1.5	128.2	R 133.0	21.0	R 868.9	1,024.8	R 1,893.7
2001	1.6	1,033.5	3.1	0.9	131.8	135.8	17.1	1,188.1	1,080.2	2,268.3

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

— No consumption.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Colorado

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.39	0.59	1.06	0.89	1.18	2.72	0.38	1.28	0.72	0.63	5.97	1.67
1975	0.81	1.10	2.49	2.11	2.59	4.67	1.93	2.73	1.43	1.20	7.95	2.73
1980	1.20	3.03	6.48	5.65	4.79	9.36	4.35	7.08	3.66	3.25	14.37	6.07
1985	1.31	4.61	5.93	8.54	6.30	9.28	4.07	R 6.60	4.14	4.64	18.34	R 9.48
1986	1.24	4.41	3.69	4.62	5.25	6.76	2.34	R 4.54	3.32	4.34	17.73	R 9.48
1987	1.37	4.15	4.13	4.62	4.21	7.59	—	R 4.64	3.16	4.14	17.05	R 8.94
1988	1.36	3.83	3.82	4.31	4.34	7.34	—	R 4.33	3.20	3.83	17.03	R 8.73
1989	1.34	R 4.01	4.55	4.51	6.04	8.13	1.80	R 5.32	3.53	R 4.07	17.17	R 9.19
1990	1.28	R 3.98	5.70	5.87	6.11	9.29	—	6.77	3.85	R 4.14	16.89	R 9.28
1991	1.39	3.92	5.03	7.18	8.94	9.23	—	R 7.14	3.79	4.13	17.07	R 9.17
1992	1.51	R 3.92	4.87	6.75	8.75	9.56	1.75	R 6.25	3.47	R 4.08	17.21	R 9.35
1993	1.37	4.00	4.88	6.84	8.05	9.61	2.04	R 5.74	3.49	4.10	17.36	R 9.39
1994	1.35	R 4.37	4.57	5.84	8.52	9.88	—	R 5.37	3.23	R 4.45	17.89	R 9.70
1995	1.21	R 4.17	4.70	6.04	8.26	9.78	—	R 5.83	2.82	R 4.28	18.13	R 9.77
1996	1.08	R 3.62	5.56	6.79	10.19	10.47	—	R 7.42	3.37	3.95	17.72	R 9.47
1997	1.17	R 4.02	5.46	7.10	10.68	10.53	—	R 5.83	3.77	R 4.11	17.28	R 9.48
1998	1.12	R 4.31	4.26	R 6.15	9.49	8.93	1.95	R 4.54	3.19	R 4.31	16.98	R 10.04
1999	1.13	R 4.55	4.67	R 7.25	9.21	9.72	1.90	R 6.16	2.65	R 4.59	16.83	R 10.34
2000	R 1.11	R 5.38	7.11	R 8.95	12.39	12.34	—	R 9.28	5.21	R 5.62	16.62	R 10.96
2001	1.21	7.69	6.59	8.84	13.54	12.17	—	8.90	3.43	7.25	17.00	11.68
	Expenditures in Million Nominal Dollars											
1970	0.9	33.7	0.9	0.7	2.4	1.8	0.1	5.9	(s)	40.5	93.5	134.0
1975	0.2	75.5	3.4	0.6	4.9	2.7	0.9	12.4	(s)	88.2	170.3	258.5
1980	2.0	201.9	12.8	0.2	5.2	15.4	0.1	33.6	0.1	237.6	356.8	594.4
1985	R 3.4	317.8	R 21.1	0.8	5.6	8.6	(s)	R 36.0	0.2	R 357.3	772.2	R 1,129.6
1986	2.2	272.8	R 8.1	0.4	4.6	6.8	1.1	R 20.9	0.2	R 296.0	753.0	R 1,049.1
1987	R 1.8	267.1	R 20.6	0.7	4.0	7.6	—	R 32.9	0.1	R 301.9	735.1	R 1,036.9
1988	2.2	264.5	R 20.6	0.3	3.9	6.8	—	R 31.7	0.1	R 298.4	784.0	R 1,082.4
1989	R 1.4	273.3	R 13.4	4.0	6.3	7.0	0.1	R 30.8	0.1	R 305.6	827.0	R 1,132.6
1990	1.3	264.5	R 14.7	0.3	6.6	12.9	—	R 34.6	1.0	R 301.3	831.2	R 1,132.5
1991	1.6	278.5	R 13.9	0.4	10.8	16.3	—	R 41.5	1.0	R 322.6	851.0	R 1,173.6
1992	1.5	265.7	R 19.6	0.3	9.5	8.1	(s)	R 37.4	1.0	R 305.6	866.7	R 1,172.3
1993	0.9	289.5	R 18.9	0.3	9.1	1.8	(s)	R 30.1	1.1	R 321.5	905.1	R 1,226.6
1994	0.6	287.9	R 27.3	0.1	9.6	2.7	—	R 39.8	1.1	R 329.3	851.0	R 1,180.3
1995	0.5	281.9	R 19.2	0.2	11.6	3.0	—	R 33.9	1.2	R 317.4	884.5	R 1,201.9
1996	0.3	252.9	R 23.7	0.2	13.6	14.5	—	R 52.1	1.4	R 306.6	922.0	R 1,228.6
1997	1.3	280.4	R 28.4	0.2	2.2	2.0	—	R 32.8	1.8	R 316.3	914.2	R 1,230.5
1998	0.4	274.0	R 21.5	R 0.3	1.0	1.8	(s)	R 24.7	1.6	R 300.6	980.3	R 1,280.9
1999	2.3	270.0	R 22.1	R 0.4	11.8	8.4	(s)	R 42.7	1.9	R 316.9	1,028.6	R 1,345.5
2000	1.7	326.9	R 25.1	R 0.4	22.3	8.2	—	R 56.0	2.6	R 387.1	1,078.8	R 1,466.0
2001	7.1	501.2	24.3	0.5	22.8	2.6	—	50.1	2.1	560.5	1,092.7	1,653.2

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Colorado

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	0.43	0.39	0.42	0.29	0.58	0.83	0.89	1.18	5.08	2.72	0.47	1.30	0.98	1.73	0.55	3.50	0.67
1975	1.38	0.81	1.17	0.72	2.01	1.96	2.11	2.59	7.48	4.67	1.43	2.61	2.21	1.73	1.41	5.55	1.74
1980	1.97	1.20	1.66	2.65	3.40	5.33	5.65	4.79	14.36	9.36	3.82	7.58	5.18	1.53	3.43	9.40	4.19
1985	—	1.31	1.31	4.01	4.73	6.33	7.01	6.30	17.61	9.28	4.07	8.01	6.20	1.53	R 4.46	12.67	R 5.77
1986	—	1.24	1.24	3.82	4.30	4.03	5.23	5.25	15.59	6.76	2.34	10.73	R 4.77	2.09	3.80	12.95	R 5.33
1987	—	1.37	1.37	3.60	3.03	4.34	5.24	4.21	13.58	7.59	2.68	10.73	4.32	2.09	R 3.51	12.78	R 5.27
1988	—	1.36	1.36	3.43	3.19	4.14	4.14	4.34	14.62	7.34	1.82	10.84	4.21	2.09	R 3.50	13.22	R 5.12
1989	—	1.34	1.34	2.50	2.73	4.93	4.91	6.04	14.48	8.13	1.80	10.00	R 4.67	d 2.06	R d 3.27	13.32	R d 4.89
1990	—	1.28	R 1.28	2.77	2.59	6.19	6.44	6.11	14.60	9.29	2.46	9.71	4.90	R 1.66	R 3.45	13.16	R 5.09
1991	—	1.39	R 1.39	2.27	3.24	5.40	5.91	8.94	16.80	9.23	2.26	13.59	5.39	R 1.66	R 3.41	13.37	R 5.03
1992	—	1.51	R 1.51	R 2.16	2.89	5.30	5.55	8.75	18.32	9.56	1.75	18.11	5.28	R 1.66	R 3.40	13.45	R 4.99
1993	—	1.37	R 1.37	R 2.33	2.87	5.34	5.65	8.05	18.96	9.61	2.04	15.12	R 5.21	R 1.66	R 3.32	13.25	R 4.81
1994	—	1.35	1.35	R 2.38	2.73	5.22	4.80	7.24	19.11	9.88	2.20	19.33	R 4.89	R 2.13	R 3.28	13.42	R 5.30
1995	—	1.21	R 1.21	R 2.82	3.09	5.37	5.06	7.17	19.41	9.78	2.26	19.21	R 5.23	R 2.10	R 3.60	13.23	R 5.58
1996	—	1.08	R 1.08	R 2.87	3.39	6.24	6.00	8.89	20.08	10.47	3.25	12.49	R 5.93	R 2.22	R 4.07	12.74	R 5.82
1997	—	1.17	R 1.17	R 2.99	3.51	6.00	5.80	8.87	17.98	10.53	2.17	12.06	R 6.37	R 2.18	R 4.10	12.55	R 5.97
1998	—	1.12	R 1.12	R 2.53	3.58	4.62	4.33	7.66	19.07	8.93	1.95	9.80	R 5.04	R 2.20	R 3.51	12.71	R 5.17
1999	—	1.13	R 1.13	R 3.08	3.14	4.80	5.70	8.62	16.75	9.72	1.90	10.22	R 5.48	R 2.19	R 3.77	12.83	R 5.66
2000	—	R 1.11	R 1.11	R 4.69	3.10	6.96	7.93	13.85	17.99	12.34	—	11.31	R 7.24	R 2.16	R 5.55	12.47	R 6.82
2001	—	1.21	1.21	4.39	3.40	6.71	6.69	13.01	19.00	12.17	2.82	10.78	8.03	2.17	6.02	13.12	7.70
	Expenditures in Million Nominal Dollars																
1970	12.0	5.4	17.4	23.1	12.3	10.1	2.8	3.6	4.2	14.8	3.0	2.7	53.6	3.6	97.8	26.9	124.7
1975	39.5	14.0	53.4	40.9	29.8	38.6	2.3	13.6	7.1	21.1	19.8	4.2	136.4	3.6	234.3	81.3	315.6
1980	50.2	21.1	71.3	131.6	51.6	123.7	12.3	32.4	20.8	34.2	38.8	33.1	346.9	0.9	550.8	218.8	769.6
1985	—	22.3	22.3	136.3	97.5	R 75.7	1.1	12.0	23.2	28.3	(s)	17.0	R 254.7	1.1	R 414.4	222.7	R 637.2
1986	—	20.6	20.6	117.6	88.2	R 75.1	0.6	8.4	20.1	19.7	(s)	5.2	R 217.2	3.2	R 358.6	245.8	R 604.4
1987	—	21.5	21.5	100.0	62.6	R 60.0	0.9	7.4	19.8	21.2	(s)	5.8	R 177.7	3.2	R 302.4	258.3	R 560.7
1988	—	19.6	19.6	123.2	75.2	R 80.8	0.9	13.3	20.5	18.4	(s)	4.6	R 213.7	3.3	R 359.8	270.9	R 630.7
1989	—	17.9	17.9	121.1	53.1	R 76.4	0.8	36.6	20.8	21.6	(s)	4.0	R 213.3	R d 1.4	R d 353.7	275.1	R d 628.8
1990	—	19.6	R 19.6	124.4	55.9	R 97.7	0.7	19.8	21.6	19.9	(s)	3.9	R 219.6	R 0.9	R 364.5	282.1	R 646.7
1991	—	21.6	R 21.6	116.1	66.8	R 89.5	0.6	33.7	22.2	24.4	(s)	8.7	R 245.9	R 0.9	R 384.6	293.3	R 677.8
1992	—	22.3	R 22.3	115.3	61.1	R 111.1	0.2	31.4	24.7	24.8	(s)	12.9	R 266.3	R 0.9	R 404.9	300.7	R 705.6
1993	—	22.3	R 22.3	146.0	65.1	R 99.1	0.4	35.8	26.1	25.4	(s)	11.2	R 263.1	R 0.9	R 432.3	302.3	R 734.6
1994	—	24.9	R 24.9	R 129.6	75.8	R 80.1	0.1	30.0	27.5	30.1	(s)	13.1	R 256.8	R 0.9	R 412.1	419.9	R 832.0
1995	—	19.1	R 19.1	R 157.0	76.2	R 86.0	0.1	33.2	27.4	27.6	(s)	12.5	R 262.9	R 0.9	R 439.9	418.3	R 858.2
1996	—	8.6	R 8.6	R 186.1	87.9	R 111.1	0.2	43.3	27.5	34.5	(s)	22.4	R 326.9	R 1.0	R 522.5	412.9	R 935.4
1997	—	R 18.3	R 18.3	R 163.3	60.0	R 106.9	0.2	48.3	26.0	37.4	(s)	22.0	R 300.7	R 0.8	R 483.2	420.1	R 903.3
1998	—	R 9.3	R 9.3	R 194.4	112.7	R 90.6	0.3	30.9	28.9	29.1	(s)	20.1	R 312.5	R 0.8	R 517.0	413.6	R 930.6
1999	—	10.3	R 10.3	R 204.6	44.5	R 89.0	0.2	16.3	25.7	28.6	(s)	22.3	R 226.6	R 0.8	R 442.3	397.2	R 839.5
2000	—	R 10.3	R 10.3	R 338.9	79.5	R 132.7	0.2	153.6	27.1	35.1	—	20.7	R 449.0	R 0.7	R 798.8	403.6	R 1,202.4
2001	—	8.5	8.5	216.9	58.0	131.7	0.2	156.0	26.3	74.3	(s)	17.8	464.3	0.7	690.4	464.5	1,154.9

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Colorado

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.39	—	2.17	1.20	0.76	1.18	5.08	2.72	0.38	2.17	2.17	—	2.17
1975	0.81	—	3.45	2.49	2.12	2.59	7.48	4.67	1.86	3.99	3.99	—	3.99
1980	—	—	9.02	7.13	6.59	4.79	14.36	9.36	—	8.75	8.75	—	8.75
1985	—	—	9.99	6.70	5.94	R 6.92	17.61	9.28	3.79	8.43	8.43	—	8.43
1986	—	—	8.41	6.91	3.92	R 5.95	15.59	6.76	2.01	6.38	6.38	—	6.38
1987	—	—	7.55	7.28	4.05	R 4.92	13.58	7.59	—	6.99	6.99	—	6.99
1988	—	—	7.41	7.13	3.78	R 5.07	14.62	7.34	—	6.88	6.88	—	6.88
1989	—	—	8.28	7.85	4.30	R 7.06	14.48	8.13	—	7.70	7.70	—	7.70
1990	—	R 3.47	9.32	8.80	5.59	R 7.00	14.60	9.29	—	8.77	8.77	—	8.77
1991	—	3.34	8.71	8.39	4.87	R 10.24	16.80	9.23	—	8.56	8.56	—	8.56
1992	—	R 3.38	8.54	8.62	4.47	R 10.24	18.32	9.56	—	8.71	R 8.71	—	R 8.71
1993	—	R 2.68	8.24	8.70	4.25	R 9.42	18.96	9.61	—	8.62	8.62	—	8.62
1994	—	R 3.55	7.96	8.53	3.99	R 9.11	19.11	9.88	3.06	R 8.85	R 8.85	21.77	R 8.85
1995	—	R 1.49	8.36	8.58	4.04	R 8.90	19.41	9.78	—	8.87	R 8.87	23.07	8.87
1996	—	R 2.09	9.29	9.43	4.87	R 10.39	20.08	10.47	3.82	R 9.60	9.59	22.54	9.59
1997	—	R 2.43	9.39	9.17	4.64	R 9.78	17.98	10.53	—	9.62	9.62	23.45	9.62
1998	—	R 2.08	8.11	7.92	3.52	R 8.72	19.07	8.93	—	R 8.20	8.19	23.21	8.19
1999	—	R 2.09	8.81	8.48	4.06	R 10.81	16.75	9.72	—	R 8.84	8.83	24.12	8.83
2000	—	R 3.96	R 10.87	11.10	6.67	R 14.48	17.99	12.34	—	11.46	R 11.45	22.77	R 11.45
2001	—	4.25	11.01	10.62	5.93	16.34	19.00	12.17	—	11.17	11.16	24.51	11.16
	Expenditures in Million Nominal Dollars												
1970	(s)	—	3.7	18.6	32.0	0.6	8.8	356.0	0.2	419.8	419.9	—	419.9
1975	(s)	—	4.6	62.3	85.7	1.8	13.7	758.5	1.2	927.9	927.9	—	927.9
1980	—	—	12.1	272.1	175.9	0.8	35.1	1,636.1	—	2,131.9	2,131.9	—	2,131.9
1985	—	—	7.1	R 245.0	264.1	R 1.7	39.1	1,706.0	3.5	R 2,266.6	R 2,266.6	—	R 2,266.6
1986	—	—	7.5	R 237.9	178.8	R 1.3	33.9	1,270.6	(s)	R 1,729.9	R 1,729.9	—	R 1,729.9
1987	—	—	5.8	R 256.1	192.0	R 0.7	33.3	1,413.8	—	R 1,901.7	R 1,901.7	—	R 1,901.7
1988	—	—	6.2	R 262.0	138.0	R 1.0	34.6	1,377.8	—	R 1,819.6	R 1,819.6	—	R 1,819.6
1989	—	—	7.6	R 296.4	129.8	R 1.5	35.2	1,484.9	—	R 1,955.4	R 1,955.4	—	R 1,955.4
1990	—	(s)	7.8	R 352.8	193.0	R 1.9	36.5	1,703.0	—	R 2,294.9	R 2,295.0	—	R 2,295.0
1991	—	0.1	6.8	R 346.5	179.5	R 3.1	37.6	1,689.9	—	R 2,263.4	R 2,263.5	—	R 2,263.5
1992	—	R 0.3	5.9	R 334.4	186.0	R 2.5	41.8	1,764.9	—	R 2,335.5	R 2,335.8	—	R 2,335.8
1993	—	R 0.3	5.1	R 404.0	215.6	R 2.8	44.0	1,886.4	—	R 2,558.0	R 2,558.3	—	R 2,558.3
1994	—	R 0.5	5.1	R 405.8	178.8	R 4.6	46.4	2,001.9	(s)	R 2,642.6	R 2,643.0	0.1	R 2,643.1
1995	—	R 0.3	5.2	R 433.0	169.9	R 2.2	46.3	2,078.1	—	R 2,734.8	R 2,735.0	0.3	R 2,735.4
1996	—	R 0.5	5.8	R 473.1	214.5	R 2.6	46.5	2,300.4	(s)	R 3,042.9	R 3,043.4	0.3	R 3,043.7
1997	—	R 0.9	6.8	R 417.6	188.6	R 1.1	43.9	2,362.3	—	R 3,020.4	R 3,021.2	0.4	R 3,021.6
1998	—	R 0.8	5.9	R 469.4	135.5	R 0.8	48.8	2,055.9	—	R 2,716.2	R 2,717.0	0.4	R 2,717.4
1999	—	R 1.0	8.7	R 540.4	179.5	R 2.7	43.3	2,347.1	—	R 3,121.8	R 3,122.8	0.4	R 3,123.2
2000	—	R 2.0	R 8.6	R 739.0	286.6	R 2.9	45.8	3,006.1	—	R 4,089.1	R 4,091.1	0.7	R 4,091.8
2001	—	2.5	15.0	806.3	259.3	3.5	44.3	3,071.1	—	4,199.6	4,202.1	1.0	4,203.0

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Colorado (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.26	0.24	0.36	0.45	—	0.37	—	—	—	—	0.25
1975	0.48	0.59	1.94	2.56	—	2.18	—	—	—	—	0.60
1980	0.86	2.64	4.38	6.50	—	5.65	0.21	—	—	—	1.12
1985	1.15	3.53	4.00	5.92	—	5.79	—	0.79	—	—	1.21
1986	1.18	3.00	—	3.37	—	3.37	0.27	0.32	—	—	1.21
1987	1.12	2.29	2.35	3.86	—	3.86	0.28	0.95	—	—	1.15
1988	1.07	2.29	2.80	3.88	—	3.52	0.29	0.87	—	—	1.09
1989	1.06	2.28	2.74	4.10	—	4.07	0.28	0.80	—	—	1.11
1990	1.06	2.17	3.09	5.35	—	5.34	—	0.80	—	—	1.11
1991	1.09	2.15	3.86	5.13	—	4.39	—	0.80	—	—	1.13
1992	1.09	2.14	3.23	4.79	—	4.09	—	0.51	—	—	1.14
1993	1.09	2.50	—	4.81	—	4.81	—	0.55	—	—	1.15
1994	1.06	2.13	3.22	4.58	—	4.58	—	0.56	—	—	1.12
1995	1.05	1.73	2.99	4.77	—	4.36	—	0.70	—	—	1.10
1996	1.03	2.10	3.97	5.52	—	5.01	—	0.59	—	—	1.11
1997	1.01	3.17	4.09	5.33	—	5.33	—	0.50	3.77	—	1.17
1998	0.99	3.00	2.94	4.24	—	4.24	—	—	4.01	—	1.17
1999	0.98	2.57	3.59	5.44	—	5.40	—	—	4.92	—	1.16
2000	0.93	4.03	5.66	6.94	—	6.89	—	0.67	3.04	—	1.41
2001	0.92	3.75	5.50	7.21	—	7.21	—	0.47	3.29	—	1.48
	Expenditures in Million Nominal Dollars										
1970	18.0	12.0	0.6	0.1	—	0.6	—	—	—	—	30.6
1975	54.5	30.9	10.8	9.2	—	20.0	—	—	—	—	105.4
1980	173.3	82.7	4.7	10.3	—	15.1	1.5	—	—	—	272.5
1985	321.3	17.2	0.2	3.9	—	4.1	—	(s)	—	—	342.6
1986	324.9	13.9	—	1.9	—	1.9	0.2	(s)	—	—	340.8
1987	312.0	17.7	(s)	2.0	—	2.0	0.5	(s)	—	—	332.3
1988	314.3	19.1	0.5	1.3	—	1.8	2.0	(s)	—	—	337.2
1989	328.5	31.1	(s)	1.7	—	1.7	1.6	(s)	—	—	362.8
1990	340.3	29.2	(s)	1.6	—	1.6	—	0.1	—	—	371.2
1991	340.9	28.9	1.1	1.1	—	2.2	—	1.0	—	—	373.1
1992	353.4	28.8	0.7	1.3	—	2.1	—	0.1	—	—	384.3
1993	360.4	32.4	—	0.8	—	0.8	—	(s)	—	—	393.7
1994	359.5	43.4	(s)	0.9	—	0.9	—	0.1	—	—	403.7
1995	343.7	41.7	0.1	0.8	—	0.9	—	0.1	—	—	386.3
1996	351.4	61.0	0.4	1.1	—	1.5	—	(s)	—	—	414.0
1997	348.8	88.7	(s)	1.2	—	1.2	—	(s)	0.6	—	439.2
1998	351.5	104.3	(s)	2.1	—	2.1	—	—	(s)	—	457.9
1999	347.5	110.8	(s)	2.2	—	2.3	—	—	(s)	—	460.6
2000	348.8	269.2	0.3	7.7	—	7.9	—	0.1	0.1	—	626.3
2001	356.5	337.9	(s)	14.2	—	14.2	—	0.2	0.4	—	709.2

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Connecticut

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.48	0.48	1.57	1.29	0.75	1.98	2.96	0.40	1.23	1.37	0.13	0.86	1.26	0.35	6.27	2.08
1975	—	2.02	2.02	2.86	2.73	2.11	3.63	4.61	2.04	3.08	3.06	0.29	1.22	2.68	1.35	13.15	4.51
1980	—	2.26	2.26	4.97	6.82	6.50	6.85	10.10	4.66	7.72	7.09	0.38	2.43	5.61	2.60	19.10	8.95
1985	—	2.37	2.37	7.20	R 8.20	6.29	R 11.40	9.37	4.32	7.45	R 7.45	0.91	2.57	R 5.94	2.39	26.62	R 10.97
1986	—	2.30	2.30	6.86	R 6.55	4.50	R 11.09	7.45	2.56	6.11	R 5.67	0.91	R 2.21	R 4.47	R 1.57	24.65	R 9.47
1987	—	2.44	2.44	5.94	R 6.26	4.34	R 10.44	7.93	2.97	5.55	6.00	0.92	2.05	R 4.51	R 1.65	24.27	R 9.44
1988	—	2.30	2.30	6.04	R 6.45	4.00	R 11.22	8.91	2.42	5.38	6.13	0.86	1.76	R 4.53	R 1.45	24.55	R 9.77
1989	—	2.15	2.15	R 6.21	R 7.11	4.67	R 11.49	9.30	2.88	5.53	6.60	0.89	R e 0.78	R e 4.94	R 1.62	25.68	R e 10.35
1990	—	R 2.14	R 2.14	R 6.12	R 8.42	5.91	R 12.74	10.06	3.04	6.20	R 7.64	0.84	R 0.81	R 5.26	1.54	26.83	R 11.38
1991	—	R 2.17	R 2.17	R 6.08	R 8.01	5.10	R 14.29	10.04	2.49	5.62	7.48	0.80	R 0.77	R 5.60	R 1.52	28.14	R 11.51
1992	—	R 1.97	R 1.97	R 6.46	R 7.21	4.68	R 11.80	10.19	R 2.42	5.99	R 7.57	0.71	R 0.63	R 5.36	R 1.25	29.42	R 11.33
1993	—	R 1.72	R 1.72	R 6.70	R 7.09	4.41	R 11.51	10.09	2.44	6.18	R 7.67	0.60	R 0.65	R 5.05	R 1.06	30.07	R 11.48
1994	—	R 1.79	R 1.79	R 6.62	R 6.85	4.15	R 12.95	10.38	R 2.68	6.41	R 7.85	0.56	R 0.62	R 5.17	R 1.01	29.83	R 11.69
1995	—	R 1.89	R 1.89	R 6.23	R 6.73	4.09	R 12.40	11.13	2.77	6.39	R 8.13	0.56	R 0.54	R 5.21	R 1.07	30.78	R 12.14
1996	—	R 1.91	R 1.91	R 6.84	R 7.70	4.99	R 14.26	11.77	3.33	6.61	8.58	0.56	R 0.72	R 6.68	R 1.75	30.81	R 12.41
1997	—	R 1.91	R 1.91	R 6.51	7.51	4.73	R 14.75	11.93	R 2.93	6.39	8.20	—	R 0.57	R 7.03	R 2.30	30.83	R 12.50
1998	—	R 1.81	R 1.81	R 6.40	R 6.49	3.59	R 13.12	10.08	2.19	5.58	6.98	R 0.44	R 0.48	R 5.96	R 1.66	30.19	R 11.79
1999	—	R 1.70	R 1.70	R 6.11	R 6.71	4.15	R 13.53	10.87	R 2.24	6.34	R 7.53	R 0.53	R 0.49	R 5.68	R 1.38	29.19	R 11.77
2000	—	R 1.53	R 1.53	R 7.11	R 9.81	6.90	R 16.14	R 13.48	R 3.32	R 8.56	R 10.15	R 0.47	R 0.55	R 6.83	R 1.55	27.91	R 13.39
2001	—	1.67	1.67	7.68	9.26	6.04	16.82	12.45	3.42	7.84	9.81	0.44	0.51	6.80	1.37	28.19	13.30
	Expenditures in Million Nominal Dollars																
1970	—	23.5	23.5	96.4	181.0	12.3	13.9	445.2	89.3	60.7	802.3	5.3	3.4	930.9	-76.1	345.0	1,199.8
1975	—	2.6	2.6	183.6	343.5	25.4	29.8	770.2	417.5	55.0	1,641.3	26.4	5.1	1,858.9	-311.5	829.8	2,377.1
1980	—	0.8	0.8	368.3	885.8	72.5	37.8	1,602.8	859.2	154.7	3,612.9	49.1	22.9	4,054.1	-688.1	1,381.4	4,747.4
1985	—	R 50.5	R 50.5	577.0	R 987.6	38.5	R 52.7	1,525.9	571.4	217.4	R 3,393.4	123.3	22.9	R 4,168.1	R -633.6	2,132.6	R 5,667.1
1986	—	R 48.9	R 48.9	553.0	R 855.5	31.9	R 45.8	1,247.1	358.2	156.9	R 2,695.3	179.0	R 18.7	R 3,504.1	R -526.6	2,062.9	R 5,040.4
1987	—	52.2	52.2	556.8	R 861.6	43.7	R 59.5	1,351.1	353.4	144.6	R 2,813.9	196.7	R 14.4	R 3,645.9	R -567.5	2,130.0	R 5,208.5
1988	—	53.1	53.1	546.3	R 960.4	48.8	R 62.2	1,537.8	332.8	134.0	R 3,076.0	202.5	17.2	R 3,909.1	R -552.6	2,255.1	R 5,611.5
1989	—	R 51.0	R 51.0	R 629.6	R 1,145.1	59.2	R 67.1	1,576.4	R 401.2	133.5	R 3,382.5	183.7	R e 14.1	R e 4,265.6	R -602.2	2,398.0	R e 6,061.4
1990	—	R 82.2	R 82.2	R 664.1	R 1,140.6	78.4	R 73.5	1,645.5	R 316.6	134.3	R 3,389.0	175.9	R 18.2	R 4,330.1	R -564.9	2,489.1	R 6,254.2
1991	—	R 83.9	R 83.9	R 700.9	R 1,039.4	64.7	R 76.7	1,681.2	R 227.3	139.5	R 3,228.8	103.0	R 18.4	R 4,143.2	R -431.1	2,609.0	R 6,321.1
1992	—	R 77.0	R 77.0	R 811.0	R 1,052.2	60.7	R 80.6	1,744.1	R 165.6	133.7	R 3,236.9	123.9	R 17.7	R 4,279.9	R -384.7	2,722.6	R 6,617.9
1993	—	R 64.3	R 64.3	R 839.7	R 955.1	57.8	R 69.9	1,754.3	R 135.3	135.3	R 3,107.6	137.6	R 18.0	R 4,182.0	R -366.2	2,795.1	R 6,610.8
1994	—	R 69.0	R 69.0	R 885.5	R 879.3	57.6	R 70.0	1,772.7	R 127.7	145.4	R 3,052.7	119.0	R 17.7	R 4,160.4	R -331.4	2,852.7	R 6,681.7
1995	—	R 77.1	R 77.1	R 894.9	R 835.8	57.7	R 63.3	1,776.3	R 118.3	151.9	R 3,003.3	110.0	R 19.2	R 4,122.1	R -357.9	2,937.7	R 6,702.0
1996	—	R 78.6	R 78.6	R 941.7	R 994.1	76.8	R 78.2	2,005.7	R 217.7	210.6	R 3,583.0	36.7	R 25.1	R 4,682.4	R -367.1	2,987.4	R 7,302.7
1997	—	R 85.8	R 85.8	R 951.5	R 969.7	63.5	92.4	2,048.9	R 270.7	206.3	R 3,651.6	—	R 18.0	R 4,728.7	R -427.4	2,990.6	R 7,291.9
1998	—	R 59.1	R 59.1	R 857.8	R 751.3	45.0	106.4	1,764.8	R 206.5	162.6	R 3,036.5	R 15.1	R 15.0	R 4,002.6	R -343.8	2,983.2	R 6,641.9
1999	—	R 25.9	R 25.9	R 934.4	R 875.2	57.8	81.9	2,055.7	R 203.6	182.9	R 3,457.0	R 70.5	R 16.1	R 4,529.4	R -411.6	2,968.1	R 7,085.8
2000	—	R 55.5	R 55.5	R 1,142.3	R 1,347.4	101.6	124.0	R 2,453.1	R 247.3	R 253.6	R 4,527.0	R 80.4	R 20.4	R 5,841.9	R -542.5	2,852.3	R 8,151.7
2001	—	67.0	67.0	1,124.5	1,338.3	80.7	147.2	2,298.0	194.5	214.1	4,272.9	70.7	16.7	5,556.3	-431.1	2,936.9	8,062.1

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Connecticut

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.30	1.88	1.48	1.70	2.70	1.53	0.56	1.60	7.21	2.44
1975	2.62	3.28	2.84	3.16	5.01	2.93	1.11	2.98	14.49	5.06
1980	4.47	5.72	7.07	8.15	9.21	7.14	2.85	6.52	20.27	9.10
1985	4.39	8.88	8.37	7.66	10.41	R 8.40	3.22	R 8.28	29.24	R 12.75
1986	4.19	8.57	6.90	5.22	10.52	R 6.94	2.58	R 7.23	27.20	R 11.29
1987	3.85	7.96	6.46	6.00	9.13	R 6.55	2.46	R 6.84	26.82	R 11.04
1988	4.24	7.63	6.61	5.66	10.96	R 6.72	R 2.49	R 6.86	27.03	R 10.96
1989	4.21	7.98	7.23	5.33	12.74	R 7.38	2.75	R 7.41	28.09	R 11.55
1990	4.37	R 8.30	8.55	6.75	13.60	R 8.71	2.83	R 8.32	29.33	R 12.87
1991	4.08	8.48	8.27	6.00	14.99	R 8.53	R 2.71	8.22	30.81	R 13.24
1992	4.17	8.72	7.24	4.96	12.43	R 7.45	R 2.48	R 7.60	32.45	R 12.48
1993	3.96	9.18	7.02	5.00	11.98	R 7.20	2.42	R 7.58	33.40	R 12.86
1994	4.07	R 9.83	6.80	5.41	15.15	R 7.12	2.35	R 7.75	33.62	R 13.33
1995	4.01	9.71	6.60	4.70	14.73	R 6.92	2.30	R 7.58	35.04	R 13.77
1996	4.30	9.80	7.54	5.65	16.09	7.92	2.64	R 8.27	35.32	R 14.17
1997	4.12	10.05	7.36	5.76	15.96	R 7.81	2.62	R 8.35	35.56	R 14.49
1998	4.04	R 10.33	6.35	4.73	14.86	R 7.00	R 2.27	R 7.90	35.01	R 14.71
1999	4.02	10.29	6.51	6.77	15.14	6.97	2.34	7.85	33.59	R 14.07
2000	4.12	R 11.11	9.87	10.34	18.69	R 10.35	3.51	R 10.35	31.82	R 15.21
2001	4.05	11.93	9.47	9.72	19.56	10.07	3.35	10.45	31.98	15.57
	Expenditures in Million Nominal Dollars									
1970	0.7	59.6	122.7	5.1	8.2	136.0	1.4	197.7	157.3	355.0
1975	0.4	105.8	214.5	5.2	14.3	234.0	3.0	343.2	368.2	711.4
1980	0.3	187.4	554.3	10.8	20.1	585.3	18.7	791.7	568.4	1,360.1
1985	R 0.8	299.8	R 531.3	26.3	24.0	R 581.5	18.0	R 900.1	861.9	R 1,762.1
1986	R 0.9	309.8	R 518.7	12.5	21.5	R 552.7	14.0	R 877.4	842.6	R 1,720.0
1987	R 0.6	296.7	R 499.5	13.8	26.5	R 539.9	9.8	R 846.9	884.9	R 1,731.8
1988	R 0.3	310.7	R 579.2	12.9	29.7	R 621.8	10.3	R 943.2	950.0	R 1,893.2
1989	R 0.3	335.7	R 666.5	8.7	39.4	R 714.6	11.8	R 1,062.3	1,005.0	R 2,067.4
1990	R 0.3	321.3	R 676.2	7.5	42.2	R 725.9	16.5	R 1,064.0	1,038.5	R 2,102.5
1991	0.2	325.0	R 626.5	5.9	51.5	R 683.9	16.7	R 1,025.8	1,097.4	R 2,123.3
1992	0.4	379.9	R 658.6	5.5	55.0	R 719.0	R 16.1	R 1,115.3	1,162.3	R 2,277.6
1993	0.2	398.1	R 602.7	6.0	45.4	R 654.1	16.1	R 1,068.5	1,207.4	R 2,275.9
1994	0.2	421.8	R 553.8	5.0	51.8	R 610.6	15.4	R 1,047.9	1,250.3	R 2,298.3
1995	0.3	408.2	R 481.9	3.3	46.7	R 531.8	16.7	R 957.1	1,286.2	R 2,243.3
1996	0.1	441.1	R 579.5	4.0	61.7	R 645.2	19.1	R 1,105.6	1,318.6	R 2,424.2
1997	0.1	419.0	R 555.2	4.7	69.7	R 629.5	12.4	R 1,061.0	1,317.5	R 2,378.5
1998	0.1	374.5	R 409.2	3.4	82.2	R 494.7	9.7	R 879.0	1,306.3	R 2,185.3
1999	0.1	404.4	R 489.5	6.8	64.7	R 561.0	10.7	R 976.1	1,331.6	R 2,307.7
2000	(s)	474.7	R 811.7	R 11.7	90.0	R 913.3	16.8	R 1,404.9	1,264.5	R 2,669.4
2001	(s)	495.3	750.3	8.8	98.1	857.3	13.7	1,366.3	1,305.3	2,671.6

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Connecticut

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.79	1.45	1.09	0.79	1.42	2.96	0.42	1.00	0.56	1.13	7.15	2.59
1975	2.00	2.64	2.44	2.67	2.89	4.61	1.97	2.47	1.11	2.52	13.70	5.92
1980	1.67	4.67	6.37	6.29	5.31	10.10	4.59	6.06	2.85	5.41	19.84	10.28
1985	2.39	6.59	7.07	7.66	12.34	9.37	4.68	R 6.47	3.22	R 6.47	27.30	R 13.28
1986	2.58	6.24	4.97	5.22	11.61	7.45	2.79	R 4.46	2.58	R 5.18	25.26	R 12.05
1987	2.74	5.59	4.88	6.00	11.77	7.93	3.12	R 4.65	2.46	R 5.07	24.53	R 12.02
1988	2.55	5.45	4.65	5.66	11.42	8.91	2.57	R 4.31	2.49	R 4.84	24.74	R 12.27
1989	2.61	5.88	5.51	5.33	10.03	9.30	3.04	R 4.99	2.75	5.40	25.99	R 12.68
1990	2.58	6.10	6.80	6.75	11.67	10.06	3.25	R 6.21	2.83	R 6.12	27.09	R 14.08
1991	2.69	6.69	6.09	6.00	12.90	10.04	2.69	R 6.32	2.71	R 6.46	28.21	R 15.07
1992	2.64	R 7.01	5.45	4.96	10.56	10.19	2.53	R 6.22	2.48	R 6.54	29.31	R 14.70
1993	2.33	6.84	5.22	5.00	10.62	10.09	2.66	R 6.58	2.42	R 6.66	29.82	R 15.52
1994	2.20	7.17	5.01	5.41	10.42	10.38	3.16	R 5.96	2.35	R 6.64	29.67	R 14.97
1995	2.26	7.35	4.94	4.70	10.69	11.13	3.38	5.25	2.30	R 6.51	30.67	R 15.73
1996	2.30	7.20	5.77	5.65	11.84	11.77	3.90	R 6.73	1.36	R 6.76	30.54	R 15.35
1997	2.53	7.03	5.54	5.76	11.66	11.93	3.15	R 6.82	1.35	R 6.73	30.53	R 15.17
1998	2.29	6.73	4.48	4.73	10.41	10.08	2.46	R 5.62	1.21	R 6.12	29.53	R 14.94
1999	R 2.31	6.39	4.86	6.77	10.44	10.87	2.55	R 6.06	0.92	R 5.98	28.56	R 14.11
2000	R 2.00	R 6.44	7.73	10.34	13.37	R 13.48	4.36	R 8.82	3.51	R 7.19	27.27	R 14.46
2001	2.06	7.51	7.32	9.72	13.82	12.45	4.04	7.86	3.35	7.60	27.22	15.17
	Expenditures in Million Nominal Dollars											
1970	0.3	21.3	29.5	0.1	0.8	1.5	2.6	34.4	(s)	56.2	113.5	169.6
1975	0.7	42.3	59.7	0.2	1.5	5.8	8.1	75.2	0.1	118.3	280.4	398.7
1980	0.5	96.1	107.8	0.2	2.0	14.6	33.8	158.4	0.4	255.5	476.4	731.9
1985	1.6	166.9	R 163.1	2.8	5.0	7.0	49.4	R 227.3	0.5	R 396.3	813.3	R 1,209.6
1986	R 1.8	158.9	R 113.7	2.0	4.2	5.7	28.2	R 153.8	0.4	R 314.9	798.8	R 1,113.7
1987	1.4	158.9	R 101.9	3.8	6.0	7.2	25.6	R 144.5	0.3	R 305.1	820.1	R 1,125.2
1988	0.6	154.0	R 93.8	2.1	5.5	7.7	22.0	R 131.1	0.4	R 286.1	871.0	R 1,157.2
1989	0.6	187.1	R 122.4	4.4	5.5	9.3	R 29.3	R 170.8	0.4	R 359.0	944.0	R 1,303.0
1990	0.6	185.3	R 137.8	2.0	6.4	10.8	R 21.1	R 178.1	1.1	R 365.0	990.0	R 1,355.1
1991	0.7	185.2	R 122.5	5.7	7.8	34.6	R 8.9	R 179.5	1.1	R 366.5	1,050.0	R 1,416.5
1992	1.1	214.8	R 108.6	1.3	8.2	84.3	R 14.0	R 216.5	1.0	R 433.4	1,085.2	R 1,518.7
1993	0.6	220.6	R 83.1	1.3	7.1	84.2	R 6.8	R 182.5	1.3	R 405.0	1,123.6	R 1,528.6
1994	0.6	288.8	R 80.2	1.6	6.3	56.5	R 12.8	R 157.4	1.3	R 448.0	1,135.0	R 1,583.0
1995	1.2	286.7	R 86.8	0.7	6.0	14.5	R 9.5	R 117.5	1.3	R 406.7	1,182.1	R 1,588.9
1996	0.3	294.8	R 99.4	2.3	8.0	50.6	R 11.2	R 171.5	4.2	R 470.8	1,203.1	R 1,673.8
1997	0.4	308.2	R 94.7	3.4	9.0	61.2	R 6.4	R 174.6	3.7	R 486.9	1,213.9	R 1,700.8
1998	R 0.4	292.1	R 68.6	4.7	10.2	38.1	R 2.5	R 124.1	3.7	R 420.2	1,227.5	R 1,647.6
1999	0.3	311.0	R 75.0	3.1	7.9	44.1	R 3.4	R 133.5	3.8	R 448.5	1,203.3	R 1,651.8
2000	0.2	320.9	R 134.4	R 6.9	11.4	R 57.9	R 6.0	R 216.6	2.0	R 539.7	1,162.8	R 1,702.5
2001	0.2	341.0	145.2	12.7	12.2	18.8	4.2	193.1	1.5	535.7	1,206.8	1,742.5

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Connecticut

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.79	0.79	1.03	0.68	0.73	0.79	1.42	5.08	2.96	0.43	0.91	0.69	1.40	0.73	4.27	1.06
1975	—	2.00	2.00	2.24	1.91	2.41	2.67	2.89	7.48	4.61	2.12	2.97	2.30	1.40	2.28	10.51	3.43
1980	—	—	—	4.08	3.67	5.75	6.29	5.31	14.36	10.10	4.55	7.68	5.40	1.40	5.03	16.60	6.92
1985	—	2.39	2.39	5.38	5.20	6.75	7.29	12.34	17.61	9.37	4.68	7.94	R 6.45	1.40	R 5.92	21.93	R 9.58
1986	—	2.58	2.58	4.53	4.86	4.43	5.00	11.61	15.59	7.45	2.79	5.46	4.79	1.47	4.57	20.00	R 8.27
1987	—	2.74	2.74	4.08	3.58	4.88	4.66	11.77	13.58	7.93	3.12	6.30	R 4.83	1.47	R 4.48	19.93	R 8.02
1988	—	2.55	2.55	3.92	3.39	4.67	4.66	11.42	14.62	8.91	2.57	5.31	R 4.53	1.47	R 4.21	20.17	R 7.98
1989	—	2.61	2.61	4.36	3.20	5.54	5.46	10.03	14.48	9.30	3.04	6.14	R 4.96	R d 1.47	R d 4.70	21.11	R d 8.74
1990	—	2.58	R 2.58	4.65	3.38	6.77	6.51	11.67	14.60	10.06	3.25	6.78	R 5.64	R 1.71	R 5.21	22.13	R 9.35
1991	—	2.69	2.69	4.69	3.05	5.93	5.93	12.90	16.80	10.04	2.69	6.23	R 5.13	R 1.71	R 4.90	23.23	R 8.89
1992	—	2.64	R 2.64	4.79	2.80	5.11	5.07	10.56	18.32	10.19	2.53	6.67	R 4.99	R 1.71	R 4.86	24.09	R 8.90
1993	—	2.33	R 2.33	4.64	3.30	5.06	4.95	10.62	18.96	10.09	2.66	5.91	R 4.95	R 1.71	R 4.76	24.30	R 8.75
1994	—	2.20	R 2.20	R 4.35	3.66	4.78	5.10	8.49	19.11	10.38	3.16	6.00	5.10	R 1.94	R 4.70	23.15	R 8.92
1995	—	—	R —	4.26	3.79	4.77	4.55	7.58	19.41	11.13	3.38	6.38	5.37	R 1.94	R 4.79	23.26	R 9.06
1996	—	—	R —	4.67	3.82	5.91	5.77	8.59	20.08	11.77	3.90	6.30	5.88	R 1.93	R 5.30	23.03	R 9.02
1997	—	—	R —	4.60	4.01	5.49	4.75	12.46	17.98	11.93	3.15	5.78	5.97	R 1.92	R 5.28	22.74	R 8.96
1998	—	—	R —	4.23	3.68	4.52	3.88	9.05	19.07	10.08	2.46	4.06	R 4.90	R 1.92	R 4.54	22.56	R 8.61
1999	—	—	R —	4.05	3.65	4.86	4.55	9.13	16.75	10.87	2.55	5.37	R 5.57	R 1.92	R 4.80	21.76	R 8.62
2000	—	—	R —	R 5.78	4.82	7.71	8.32	11.18	17.99	R 13.48	4.36	R 7.84	R 7.97	R 1.92	R 6.87	21.44	R 10.07
2001	—	—	—	6.62	4.96	6.69	6.96	12.90	19.00	12.45	4.04	6.60	7.40	1.92	7.01	22.34	10.45
	Expenditures in Million Nominal Dollars																
1970	—	2.7	2.7	15.3	4.6	8.3	1.0	4.8	10.2	4.2	37.0	31.0	101.1	2.0	121.1	74.3	195.4
1975	—	1.4	1.4	34.9	16.0	27.2	4.3	13.8	9.1	0.9	121.7	9.7	202.7	2.1	241.1	181.2	422.3
1980	—	—	—	84.7	15.3	108.4	9.0	15.3	18.1	3.5	191.1	75.8	436.4	3.8	525.0	336.6	861.6
1985	—	0.2	0.2	105.0	72.2	R 47.1	1.8	22.2	20.2	11.1	64.8	66.5	R 305.9	4.4	R 415.6	457.4	R 872.9
1986	—	0.5	0.5	82.6	68.6	R 30.3	2.0	19.1	17.5	9.3	40.8	30.4	R 218.0	4.2	R 305.4	421.5	R 726.9
1987	—	0.2	0.2	83.4	50.9	R 55.0	1.6	25.9	17.2	9.8	38.9	34.6	R 234.0	4.2	R 321.8	424.9	R 746.7
1988	—	1.0	1.0	78.7	41.7	R 41.5	6.7	25.6	17.9	12.5	33.9	29.5	R 209.3	4.4	R 293.4	434.0	R 727.4
1989	—	0.1	R 0.1	89.0	38.2	R 52.1	7.4	20.9	18.2	13.5	R 32.1	33.4	R 215.8	R d 1.9	R d 306.7	449.0	R d 755.7
1990	—	0.1	R 0.1	122.2	35.6	R 47.7	2.5	23.2	18.9	13.9	R 28.9	41.1	R 211.6	R 0.6	R 334.4	460.6	R 795.1
1991	—	0.2	R 0.2	158.1	40.0	R 43.1	1.3	15.2	19.4	12.6	R 16.7	42.9	R 191.2	R 0.6	R 350.1	461.5	R 811.6
1992	—	0.8	R 0.8	179.0	31.2	R 32.2	0.2	16.0	21.6	12.9	R 19.3	47.0	R 180.4	R 0.6	R 360.7	475.1	R 835.8
1993	—	1.7	R 1.7	175.7	34.5	R 25.8	0.7	15.9	22.7	10.4	R 23.8	41.8	R 175.6	R 0.6	R 353.7	464.0	R 817.7
1994	—	1.6	R 1.6	137.6	40.7	R 23.6	1.3	10.2	24.0	10.6	R 25.7	43.2	R 179.2	R 1.1	R 319.5	467.4	R 786.9
1995	—	—	R —	R 141.2	48.0	R 23.7	2.4	9.7	23.9	11.3	R 16.1	43.4	R 178.6	R 1.2	R 321.0	469.4	R 790.4
1996	—	—	R —	155.8	39.8	R 27.9	0.8	7.7	24.0	13.7	R 23.6	109.4	R 246.9	R 1.8	R 404.4	465.7	R 870.2
1997	—	—	R —	163.4	32.4	R 27.1	1.0	13.3	22.7	14.4	R 7.7	113.9	R 232.6	R 1.9	R 397.9	459.3	R 857.1
1998	—	—	R —	141.0	13.5	R 20.6	1.2	12.8	25.2	7.2	R 4.8	82.5	R 167.7	R 1.6	R 310.3	449.4	R 759.7
1999	—	—	R —	133.0	16.1	R 22.2	2.5	8.2	22.4	11.9	R 6.5	103.9	R 193.7	R 1.6	R 328.3	433.2	R 761.4
2000	—	—	R —	R 191.4	21.5	R 38.6	R 9.0	21.2	23.7	R 16.4	R 10.4	R 151.0	R 291.8	R 1.5	R 484.7	425.1	R 909.8
2001	—	—	—	176.1	23.1	40.0	2.8	32.5	22.9	34.7	15.2	112.2	283.4	1.5	461.1	424.8	885.9

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Connecticut

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.79	—	2.17	1.39	0.75	1.42	5.08	2.96	0.38	2.63	2.63	—	2.63
1975	2.00	—	3.45	2.90	2.09	2.89	7.48	4.61	1.72	4.30	4.30	—	4.30
1980	—	—	9.02	7.40	6.51	5.31	14.36	10.10	3.88	9.69	9.69	—	9.69
1985	—	—	9.99	9.19	6.29	R 13.26	17.61	9.37	4.06	9.29	9.29	—	9.29
1986	—	—	8.41	7.60	4.50	R 12.58	15.59	7.45	2.32	7.42	7.42	—	7.42
1987	—	—	7.55	7.35	4.34	R 12.92	13.58	7.93	2.73	7.71	7.71	—	7.71
1988	—	—	7.41	7.78	4.00	R 12.70	14.62	8.91	2.20	8.49	8.49	—	8.49
1989	—	—	8.28	8.33	4.67	R 11.14	14.48	9.30	2.63	8.89	8.89	—	8.89
1990	—	—	9.32	9.74	5.91	R 13.07	14.60	10.06	2.74	9.76	9.76	—	9.76
1991	—	—	8.71	9.42	5.10	R 14.69	16.80	10.04	2.29	9.68	9.68	—	9.68
1992	—	12.11	8.54	8.90	4.68	R 12.55	18.32	10.19	2.21	R 9.71	R 9.71	—	R 9.71
1993	—	8.73	8.24	8.85	4.41	R 12.60	18.96	10.09	2.28	9.62	9.62	—	9.62
1994	—	7.51	7.96	8.70	4.15	R 9.33	19.11	10.38	2.40	9.80	9.80	—	9.80
1995	—	5.90	8.36	8.65	4.09	R 9.64	19.41	11.13	2.54	R 10.35	R 10.35	—	R 10.35
1996	—	6.47	9.29	9.59	4.99	R 10.08	20.08	11.77	3.14	R 11.02	R 11.02	—	R 11.02
1997	—	R 5.53	9.39	9.33	4.73	R 7.56	17.98	11.93	R 2.83	R 11.13	R 11.13	—	R 11.13
1998	—	5.08	8.11	8.12	3.59	R 6.66	19.07	10.08	2.10	R 9.48	R 9.48	—	R 9.48
1999	—	4.99	8.81	8.51	4.15	R 8.53	16.75	10.87	2.15	R 10.17	R 10.17	—	R 10.17
2000	—	R 7.30	R 10.87	11.20	6.90	R 11.78	17.99	R 13.48	R 3.19	R 12.75	R 12.74	—	R 12.74
2001	—	8.64	11.01	10.26	6.04	13.18	19.00	12.45	3.22	11.76	11.75	—	11.75
	Expenditures in Million Nominal Dollars												
1970	(s)	—	1.4	18.3	12.3	0.1	7.3	439.6	0.9	479.8	479.8	—	479.8
1975	(s)	—	1.6	40.5	23.8	0.3	8.9	763.5	6.3	844.8	844.8	—	844.8
1980	—	—	4.1	111.2	70.7	0.3	21.5	1,584.7	1.3	1,793.8	1,793.8	—	1,793.8
1985	—	—	3.6	R 243.2	38.5	R 1.5	24.0	1,507.8	3.9	R 1,822.6	R 1,822.6	—	R 1,822.6
1986	—	—	3.1	R 190.4	31.9	R 1.0	20.8	1,232.1	0.5	R 1,479.8	R 1,479.8	—	R 1,479.8
1987	—	—	2.1	R 202.0	43.7	R 1.0	20.5	1,334.1	1.2	R 1,604.6	R 1,604.6	—	R 1,604.6
1988	—	—	1.8	R 241.1	48.8	R 1.4	21.3	1,517.6	1.8	R 1,833.8	R 1,833.8	—	R 1,833.8
1989	—	—	1.7	R 296.8	59.2	R 1.3	21.6	1,553.6	1.1	R 1,935.3	R 1,935.3	—	R 1,935.3
1990	—	—	4.4	R 272.4	78.4	R 1.7	22.4	1,620.9	1.5	R 2,001.6	R 2,001.6	—	R 2,001.6
1991	—	—	1.2	R 243.2	64.7	R 2.1	23.1	1,634.1	1.3	R 1,969.7	R 1,969.7	—	R 1,969.7
1992	—	R 0.3	1.2	R 248.9	60.7	R 1.5	25.7	1,646.9	0.6	R 1,985.5	R 1,985.8	—	R 1,985.8
1993	—	R 0.3	1.2	R 240.6	57.8	R 1.5	27.1	1,659.7	R 0.4	R 1,988.3	R 1,988.6	—	R 1,988.6
1994	—	R 0.3	1.1	R 218.3	57.6	R 1.7	28.5	1,705.7	0.3	R 2,013.3	R 2,013.6	—	R 2,013.6
1995	—	R 0.3	1.7	R 239.7	57.7	R 0.9	28.5	1,750.4	0.2	R 2,079.1	R 2,079.4	—	R 2,079.4
1996	—	R 0.4	1.7	R 284.1	76.8	R 0.8	28.6	1,941.4	0.7	R 2,334.1	R 2,334.5	—	R 2,334.5
1997	—	R 0.5	1.1	R 289.2	63.5	R 0.4	27.0	1,973.3	0.4	R 2,355.0	R 2,355.5	—	R 2,355.5
1998	—	R 0.5	2.1	R 250.8	45.0	R 1.2	30.0	1,719.5	0.2	R 2,048.8	R 2,049.3	—	R 2,049.3
1999	—	R 0.6	1.4	R 277.5	57.8	R 1.0	26.6	1,999.7	0.2	R 2,364.2	R 2,364.8	—	R 2,364.8
2000	—	R 1.0	1.6	R 357.0	101.6	R 1.4	28.2	R 2,378.8	R 0.4	R 2,869.1	R 2,870.1	—	R 2,870.1
2001	—	1.3	4.3	399.4	80.7	4.4	27.3	2,244.5	0.2	2,760.8	2,762.1	—	2,762.1

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Connecticut (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.45	0.34	0.38	0.37	—	0.38	0.13	—	—	—	0.35
1975	1.24	1.36	2.02	2.36	—	2.02	0.29	—	—	—	1.35
1980	—	—	4.70	6.13	—	4.71	0.38	—	—	—	2.60
1985	2.35	3.39	4.24	5.88	—	4.25	0.91	—	6.36	—	2.39
1986	2.27	2.09	2.51	3.59	—	2.51	0.91	—	6.31	—	1.57
1987	2.42	2.37	2.93	4.01	—	2.94	0.92	—	6.11	—	1.65
1988	2.29	2.17	2.40	3.64	—	2.41	0.86	0.87	6.02	—	1.45
1989	2.14	2.51	2.85	4.26	—	2.87	0.89	([b])	6.05	—	1.62
1990	2.13	2.70	3.01	5.67	—	3.04	0.84	([b])	5.84	—	1.54
1991	2.17	2.09	2.47	4.92	—	2.49	0.80	([b])	4.60	—	1.52
1992	1.95	2.66	2.40	4.82	—	2.44	0.71	([b])	4.37	—	1.25
1993	1.70	3.78	2.39	4.12	—	2.41	0.60	([b])	4.01	—	1.06
1994	1.77	1.96	2.52	3.82	—	2.55	0.56	([b])	4.09	—	1.01
1995	1.88	1.98	2.63	3.82	—	2.67	0.56	([b])	4.04	—	1.07
1996	1.91	2.71	3.24	4.76	—	3.25	0.56	([b])	3.82	—	1.75
1997	1.90	2.42	2.92	4.88	—	2.94	—	([b])	3.77	—	2.30
1998	1.81	2.37	2.18	3.28	—	2.19	0.44	([b])	4.01	—	1.66
1999	1.69	2.67	2.23	4.03	—	2.29	0.53	([b])	4.92	—	1.38
2000	1.53	4.43	3.27	6.81	—	3.31	0.47	([b])	3.04	—	1.55
2001	1.67	3.40	3.37	5.79	—	3.40	0.44	([b])	3.29	—	1.37
	Expenditures in Million Nominal Dollars										
1970	19.7	0.1	48.8	2.2	—	51.0	5.3	—	—	—	76.1
1975	0.1	0.5	281.4	3.1	—	284.6	26.4	—	—	—	311.5
1980	—	—	633.0	6.0	—	639.0	49.1	—	—	—	688.1
1985	47.8	5.4	453.2	2.9	—	456.1	123.3	—	0.9	—	633.6
1986	45.7	1.6	288.7	2.4	—	291.1	179.0	—	9.3	—	526.6
1987	50.0	17.9	287.7	3.2	—	290.9	196.7	—	12.0	—	567.5
1988	51.3	2.8	275.1	4.9	—	280.0	202.5	2.2	13.9	—	552.6
1989	50.0	17.9	338.7	7.3	—	346.0	183.7	([b])	4.7	—	602.2
1990	81.3	35.3	265.2	6.6	—	271.7	175.9	([b])	0.7	—	564.9
1991	82.7	32.6	200.3	4.1	—	204.4	103.0	([b])	8.4	—	431.1
1992	74.7	37.0	131.7	3.9	—	135.6	123.9	([b])	13.5	—	384.7
1993	61.8	45.0	104.3	2.8	—	107.1	137.6	([b])	14.7	—	366.2
1994	66.6	37.0	88.9	3.4	—	92.3	119.0	([b])	16.5	—	331.4
1995	75.6	58.4	92.5	3.8	—	96.3	110.0	([b])	17.6	—	357.9
1996	78.3	49.6	182.2	3.1	—	185.3	36.7	([b])	17.3	—	367.1
1997	85.3	60.4	256.3	3.6	—	259.8	—	([b])	21.9	—	427.4
1998	58.7	49.6	199.1	2.2	—	201.3	15.1	([b])	19.2	—	343.8
1999	25.5	85.5	193.6	11.1	—	204.7	70.5	([b])	25.5	—	411.6
2000	55.3	154.4	230.5	5.6	—	236.1	80.4	([b])	16.2	—	542.5
2001	66.7	110.7	174.9	3.4	—	178.4	70.7	([b])	4.6	—	431.1

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[b] Electric plants used municipal waste at no charge.
— No consumption.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Delaware

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.39	0.39	0.91	1.16	0.73	1.25	2.86	0.45	0.77	1.29	—	0.16	1.06	0.39	4.94	1.70
1975	—	1.16	1.16	1.80	2.53	2.03	3.60	4.54	1.92	2.27	2.78	—	0.32	2.48	1.63	11.69	3.90
1980	—	1.57	1.57	3.37	6.77	6.46	5.20	9.60	4.23	6.92	6.07	—	3.70	5.17	3.35	18.84	7.37
1985	—	1.87	1.87	4.87	R 7.51	6.63	10.65	9.39	4.16	6.34	7.37	—	R 4.19	R 5.16	2.48	21.42	R 9.10
1986	—	1.87	1.87	4.43	R 5.85	4.87	R 10.82	6.97	2.32	4.58	5.22	—	R 3.36	R 4.06	2.01	19.09	R 7.61
1987	—	1.77	1.77	3.93	R 5.67	4.03	R 10.37	7.61	2.73	4.42	R 5.54	—	3.20	R 4.10	2.05	18.79	R 7.46
1988	—	1.76	1.76	4.04	R 5.60	4.16	R 10.15	8.07	2.24	4.41	R 5.35	—	3.23	R 4.09	1.96	19.54	R 7.86
1989	—	1.75	1.75	R 4.05	R 6.24	4.80	R 11.50	8.88	2.68	4.57	6.06	—	e 3.57	e 4.55	2.12	18.47	R e 8.32
1990	—	1.75	1.75	R 3.83	R 7.44	6.33	R 12.15	10.26	2.71	R 2.65	R 6.52	—	R 3.44	R 4.77	R 1.98	18.97	R 8.65
1991	—	1.74	1.74	R 3.45	R 6.92	5.51	R 13.07	9.51	2.25	3.75	6.28	—	R 3.30	R 4.60	1.92	19.71	8.79
1992	—	1.70	1.70	3.82	R 6.66	5.14	R 12.07	9.16	2.28	R 2.50	R 5.66	—	R 3.03	R 4.48	1.85	19.69	R 8.28
1993	—	1.66	1.66	4.04	R 6.64	4.88	R 11.59	8.98	2.24	R 3.29	R 5.74	—	R 2.96	R 4.34	1.93	20.52	R 8.27
1994	—	1.59	1.59	3.95	R 6.57	4.72	R 10.51	9.54	2.44	R 3.25	R 6.07	—	R 2.86	R 4.51	1.96	19.94	R 8.48
1995	—	1.58	1.58	3.30	R 6.60	4.74	R 11.26	10.13	2.58	R 3.41	R 6.87	—	R 2.81	R 4.64	1.95	20.30	R 8.90
1996	—	1.57	1.57	4.35	R 7.42	5.26	11.93	10.54	3.07	R 3.95	R 7.04	—	R 3.16	R 5.19	2.26	20.23	R 9.22
1997	—	1.55	1.55	4.90	7.41	4.94	R 13.09	10.42	R 2.73	R 3.86	R 7.10	—	R 3.09	R 5.32	2.09	20.56	R 9.55
1998	—	1.54	1.54	4.94	R 6.40	3.89	11.79	8.90	2.06	R 3.57	R 6.20	—	R 2.73	R 4.89	1.92	20.23	R 9.08
1999	—	1.56	1.56	4.57	R 6.54	4.34	12.41	9.81	2.42	R 4.02	R 6.66	—	2.80	R 5.23	2.21	20.86	R 9.30
2000	—	R 1.50	R 1.50	R 5.69	R 9.61	7.47	R 15.74	12.68	R 4.12	R 6.68	R 9.51	—	R 3.38	R 6.76	R 2.37	17.86	R 10.36
2001	—	2.08	2.08	6.68	8.63	5.87	15.87	11.68	3.66	6.11	8.68	—	3.88	6.96	3.08	20.60	11.11
	Expenditures in Million Nominal Dollars																
1970	—	14.5	14.5	24.4	29.1	8.1	10.6	93.8	18.6	11.5	171.7	—	0.2	210.8	-23.1	75.7	263.4
1975	—	26.5	26.5	34.0	62.2	18.0	34.9	168.4	123.3	24.8	431.7	—	0.5	492.7	-106.3	202.1	588.5
1980	—	44.0	44.0	102.9	146.5	54.6	56.7	333.5	335.5	125.1	1,052.0	—	1.9	1,200.8	-239.3	368.7	1,330.2
1985	—	133.2	133.2	188.6	R 161.4	56.0	37.9	372.6	92.7	106.6	R 827.2	—	3.3	R 1,152.3	-229.9	457.9	R 1,380.3
1986	—	124.0	124.0	145.4	R 119.7	35.2	R 34.4	282.7	72.6	59.1	R 603.6	—	2.6	R 875.7	-179.4	440.0	R 1,136.3
1987	—	R 124.8	R 124.8	144.1	R 137.8	27.9	R 38.0	315.3	79.3	54.7	R 653.0	—	2.0	R 923.9	-186.2	446.3	R 1,183.9
1988	—	R 121.7	R 121.7	118.9	R 136.7	30.5	37.0	346.8	87.1	48.7	R 686.9	—	2.1	R 929.6	-185.6	499.4	R 1,243.4
1989	—	R 107.0	R 107.0	R 143.0	R 159.8	32.4	R 39.4	380.5	R 94.1	52.0	R 758.2	—	e 2.5	R e 1,010.7	R -192.0	504.3	R e 1,323.0
1990	—	104.3	104.3	R 151.4	R 152.3	44.4	44.7	431.8	R 62.9	R 73.2	R 809.3	—	2.4	R 1,067.3	R -171.4	532.6	R 1,428.6
1991	—	98.9	98.9	R 147.1	R 150.6	70.9	51.3	389.4	R 66.9	63.5	R 792.6	—	2.4	R 1,041.0	R -177.1	568.2	R 1,432.1
1992	—	78.4	78.4	R 153.3	R 135.9	40.1	40.2	392.4	R 66.9	R 70.4	R 745.9	—	R 2.3	R 979.9	R -144.9	567.6	R 1,402.5
1993	—	R 105.4	R 105.4	170.6	R 141.4	37.8	42.1	392.3	R 83.8	R 60.0	R 757.4	—	2.5	R 1,035.8	-170.3	632.5	R 1,498.0
1994	—	91.4	91.4	196.0	R 141.9	14.4	47.4	414.3	R 81.2	R 64.8	R 764.1	—	2.5	R 1,053.9	-170.9	626.8	R 1,509.8
1995	—	82.9	82.9	R 204.6	R 129.8	2.0	54.8	447.6	R 58.7	R 60.7	R 753.5	—	R 2.7	R 1,043.6	-164.8	657.5	R 1,536.3
1996	—	79.6	79.6	240.1	R 162.0	1.9	72.8	464.7	R 97.7	R 84.5	R 883.6	—	3.1	R 1,206.5	R -187.3	660.0	R 1,679.1
1997	—	R 75.1	R 75.1	232.1	R 143.8	2.0	R 57.6	466.4	R 70.7	R 79.9	R 820.3	—	R 2.2	R 1,129.7	-145.4	704.3	R 1,688.7
1998	—	70.4	70.4	204.6	R 117.7	1.5	60.5	421.4	R 53.0	R 72.5	R 726.6	—	R 1.8	R 1,003.4	-125.2	711.4	R 1,589.6
1999	—	55.9	55.9	R 259.7	R 126.4	2.6	R 50.2	473.3	R 67.6	R 81.0	R 801.1	—	R 2.0	R 1,118.7	R -142.5	744.7	R 1,720.8
2000	—	R 75.1	R 75.1	R 275.1	R 241.0	4.4	56.9	594.5	R 95.9	R 111.5	R 1,104.2	—	R 3.1	R 1,457.5	R -144.8	681.8	R 1,994.4
2001	—	79.8	79.8	337.5	175.7	4.3	77.1	565.9	99.3	97.9	1,020.3	—	2.4	1,440.0	-198.5	743.5	1,985.0

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Delaware

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.13	1.55	1.42	1.34	2.40	1.51	0.73	1.51	7.53	2.37
1975	2.73	2.39	2.71	3.37	4.73	2.99	1.45	2.76	13.93	5.10
1980	3.38	4.16	6.88	8.55	8.53	7.34	3.70	5.99	21.76	10.07
1985	3.76	6.91	7.54	8.27	10.37	R 8.15	R 4.19	7.64	27.29	R 12.21
1986	3.75	6.97	6.13	6.91	11.18	R 7.01	R 3.36	R 6.84	24.88	R 12.02
1987	3.50	6.26	5.72	5.87	10.86	R 6.47	3.20	R 6.27	24.21	R 11.26
1988	3.65	5.90	5.78	6.01	10.04	R 6.46	3.23	R 6.15	24.65	R 11.46
1989	3.51	R 6.30	6.36	6.51	13.10	R 7.50	3.57	R 6.90	23.91	R 12.05
1990	3.75	R 6.07	7.63	7.64	13.54	R 8.91	3.53	R 7.51	24.60	R 13.30
1991	3.60	R 5.82	7.19	5.73	14.48	R 8.70	R 3.38	R 7.33	25.25	R 13.57
1992	3.74	R 5.91	6.66	5.33	13.31	R 8.03	R 3.09	R 6.92	25.38	R 13.01
1993	3.65	6.47	6.48	5.17	12.71	R 7.90	3.02	R 7.04	26.42	R 13.75
1994	3.52	7.18	6.45	4.99	11.82	R 7.65	2.93	R 7.25	26.11	R 13.69
1995	3.34	6.37	6.27	4.70	12.60	R 8.09	2.87	R 7.11	26.63	R 13.98
1996	3.33	6.87	7.09	5.58	14.17	R 9.14	3.29	7.85	26.29	R 14.13
1997	3.37	R 8.07	7.09	5.56	13.67	R 9.44	3.27	R 8.60	27.03	R 15.32
1998	3.33	8.38	6.19	4.06	12.68	R 8.58	2.84	R 8.32	26.76	R 15.44
1999	3.54	R 8.08	6.37	4.96	12.93	R 8.62	2.92	8.20	26.87	15.35
2000	3.47	R 8.00	9.16	8.21	16.49	R 11.02	4.38	R 9.38	25.03	R 15.23
2001	5.04	8.77	8.90	7.50	17.23	11.66	4.17	10.10	25.22	16.01
	Expenditures in Million Nominal Dollars									
1970	0.1	12.4	16.8	2.8	3.8	23.4	0.2	36.1	30.0	66.2
1975	0.1	16.9	29.4	4.1	6.9	40.4	0.5	58.0	77.9	135.9
1980	0.1	29.7	52.7	13.3	11.7	77.8	1.9	109.4	138.6	248.0
1985	0.1	43.9	R 65.3	30.4	22.1	R 117.9	3.2	R 165.1	179.1	R 344.2
1986	0.2	48.6	R 42.0	12.5	16.8	R 71.4	2.5	R 122.7	180.1	R 302.8
1987	R 0.8	44.7	R 51.0	11.2	19.5	R 81.8	2.0	R 129.3	192.4	R 321.7
1988	R 0.4	45.5	R 53.7	10.3	20.0	R 84.0	2.1	R 131.9	213.0	R 344.9
1989	R 0.4	48.8	R 54.4	9.9	26.4	R 90.7	2.4	R 142.2	214.0	R 356.2
1990	0.4	44.6	R 51.1	6.3	28.1	R 85.4	2.2	R 132.6	222.5	R 355.1
1991	0.3	42.1	R 49.3	5.4	33.0	R 87.7	2.2	R 132.3	243.3	R 375.7
1992	(s)	50.2	R 47.0	4.3	29.8	R 81.1	2.1	R 133.5	241.3	R 374.8
1993	R 0.8	55.6	R 45.7	3.1	30.8	R 79.6	2.2	R 138.2	274.4	R 412.6
1994	0.4	63.6	R 49.3	2.7	30.1	R 82.1	2.1	R 148.2	276.8	R 424.9
1995	(s)	56.1	R 40.7	3.2	39.2	R 83.1	2.3	R 141.6	287.8	R 429.4
1996	(s)	69.7	R 45.1	5.7	46.8	R 97.6	2.7	R 170.0	293.4	R 463.4
1997	0.1	75.0	R 37.4	3.8	48.6	R 89.8	1.8	R 166.7	300.4	R 467.1
1998	0.1	69.0	R 29.0	3.8	47.7	R 80.5	1.4	R 151.0	304.8	R 455.8
1999	(s)	76.5	R 33.8	3.5	43.5	R 80.9	1.6	R 159.0	323.8	R 482.7
2000	(s)	78.9	R 60.7	R 6.1	43.7	R 110.5	2.5	R 191.9	305.3	R 497.1
2001	(s)	83.1	52.0	4.8	58.3	115.1	2.0	200.2	321.4	521.6

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Delaware

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.28	1.22	1.12	0.85	0.99	2.86	0.46	0.68	0.73	0.76	6.56	1.55
1975	1.20	1.87	2.39	2.36	3.40	4.54	1.95	2.17	1.45	2.11	12.76	4.53
1980	1.20	3.92	6.30	6.36	4.72	9.60	4.24	4.54	3.70	4.47	20.78	6.59
1985	1.33	6.30	6.27	8.27	11.06	9.39	4.35	R 6.89	4.19	6.51	22.97	R 13.90
1986	1.33	6.26	4.58	6.91	10.37	6.97	2.68	4.70	3.36	R 5.42	20.37	R 12.59
1987	1.30	5.12	4.36	5.87	9.88	7.61	2.87	R 4.61	3.20	4.54	19.77	R 11.24
1988	1.33	4.84	4.26	6.01	10.26	8.07	2.31	R 4.49	3.23	R 4.52	20.53	R 11.76
1989	1.28	R 5.29	4.75	6.51	9.19	8.88	2.81	R 4.66	3.57	R 4.81	19.78	R 11.90
1990	1.15	R 5.07	5.62	7.64	10.33	10.26	3.13	R 5.60	3.53	R 5.11	20.47	R 12.53
1991	1.34	R 4.78	4.95	5.73	11.09	9.51	2.38	R 5.59	3.38	R 4.98	20.85	R 12.80
1992	1.30	R 4.76	4.67	5.33	9.50	9.16	2.43	R 5.09	3.09	R 4.89	20.79	R 12.76
1993	1.27	5.27	4.38	5.17	9.32	8.98	2.35	R 4.28	3.02	R 4.51	21.54	R 12.47
1994	1.27	5.96	4.23	4.99	10.46	9.54	2.46	R 4.63	2.93	R 5.19	20.78	R 12.92
1995	1.26	5.10	4.06	4.70	10.21	10.13	2.62	4.86	2.87	4.99	21.03	R 13.35
1996	1.29	5.62	5.06	5.58	11.40	10.54	3.08	R 5.34	3.29	R 5.46	20.82	R 12.69
1997	1.29	6.47	5.01	5.56	10.95	10.42	2.80	R 5.34	3.27	R 5.98	21.35	R 13.55
1998	1.29	6.64	3.93	4.06	9.72	8.90	2.04	R 4.75	2.84	R 5.87	21.01	R 14.09
1999	1.27	6.56	4.17	4.96	9.90	9.81	2.43	R 5.06	2.92	R 6.00	21.93	R 14.52
2000	1.26	R 6.71	6.40	8.21	12.70	12.68	3.90	R 6.67	4.38	R 6.67	17.55	R 13.08
2001	1.42	9.94	6.32	7.50	13.43	11.68	3.58	6.81	4.17	8.53	20.80	15.22
	Expenditures in Million Nominal Dollars											
1970	(s)	3.5	5.1	0.2	0.3	0.4	5.0	11.0	(s)	14.5	19.9	34.4
1975	0.1	5.6	10.0	0.4	0.9	0.8	14.7	26.8	(s)	32.5	58.0	90.5
1980	0.1	13.1	23.3	0.3	1.1	2.3	113.8	140.8	(s)	154.1	107.3	261.4
1985	R 0.1	22.0	R 13.6	2.4	4.2	1.9	1.9	R 24.0	0.1	R 46.2	133.0	R 179.3
1986	0.2	22.4	R 7.3	0.7	2.8	1.4	2.6	R 14.8	0.1	R 37.4	129.6	R 167.0
1987	1.0	19.3	R 10.5	0.6	3.1	1.7	3.0	R 18.8	0.1	R 39.2	133.9	R 173.2
1988	0.5	19.9	R 11.1	0.9	3.6	1.7	2.6	R 19.9	0.1	R 40.3	151.0	R 191.4
1989	0.5	22.6	R 9.2	0.2	3.3	1.8	4.1	R 18.6	0.1	R 41.7	154.0	R 195.7
1990	0.5	20.7	R 13.1	0.4	3.8	1.9	R 3.5	R 22.7	0.1	R 44.1	164.9	R 209.0
1991	0.6	20.5	R 14.7	0.4	4.5	1.7	0.8	R 22.0	0.1	R 43.2	175.7	R 218.9
1992	(s)	24.5	R 11.0	(s)	3.8	1.7	R 1.3	R 17.9	0.1	R 42.5	177.2	R 219.8
1993	1.2	28.4	R 9.0	0.2	4.0	0.4	R 3.2	R 16.9	0.2	R 46.7	195.5	R 242.2
1994	0.8	33.7	R 7.1	0.2	4.7	0.4	2.5	R 14.9	0.2	R 49.5	194.6	R 244.1
1995	(s)	30.3	R 6.7	0.1	5.6	0.4	2.2	R 14.9	0.2	R 45.4	208.1	R 253.6
1996	0.1	39.0	R 11.3	0.2	6.6	0.4	R 4.3	R 22.8	0.2	R 62.2	211.0	R 273.2
1997	0.2	44.3	R 9.9	0.5	6.9	0.4	R 3.4	R 21.1	0.2	R 65.7	227.6	R 293.3
1998	0.2	39.4	R 6.6	0.3	6.5	0.5	R 1.6	R 15.5	0.2	R 55.3	235.1	R 290.3
1999	(s)	42.8	7.9	1.5	5.9	1.0	R 1.5	R 17.7	0.2	R 60.8	254.9	R 315.7
2000	(s)	35.8	R 10.2	R 6.3	5.9	0.8	R 5.5	R 28.8	0.3	R 65.0	245.5	R 310.4
2001	(s)	58.3	11.2	5.4	8.0	1.8	4.8	31.3	0.2	89.9	262.3	352.1

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Delaware

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.28	0.28	0.57	0.66	0.78	0.85	0.99	5.08	2.86	0.46	0.43	0.70	—	0.64	3.10	1.02
1975	—	1.20	1.20	1.37	1.76	2.19	2.36	3.40	7.48	4.54	1.87	2.50	2.39	—	2.13	9.25	3.16
1980	—	1.20	1.20	2.72	3.58	5.71	6.36	4.72	14.36	9.60	4.19	7.53	5.52	—	4.50	15.28	5.89
1985	—	1.33	1.33	4.38	4.97	6.12	5.75	11.06	17.61	9.39	4.35	6.71	6.15	—	R 4.73	16.15	6.65
1986	—	1.33	1.33	3.41	4.16	4.15	4.13	10.37	15.59	6.97	2.68	3.95	R 4.62	—	R 3.62	13.80	5.52
1987	—	1.30	1.30	3.27	3.17	4.21	4.24	9.88	13.58	7.61	2.87	4.85	R 4.53	—	R 3.55	13.27	R 5.32
1988	—	1.33	1.33	3.16	3.13	3.84	4.14	10.26	14.62	8.07	2.31	4.00	4.07	—	R 3.28	14.17	R 5.47
1989	—	1.28	1.28	R 3.38	2.90	4.44	5.35	9.19	14.48	8.88	2.81	4.86	R 4.38	d —	d 3.54	12.89	R d 5.63
1990	—	1.15	1.15	R 3.41	2.90	5.71	6.39	10.33	14.60	10.26	3.13	R 2.39	R 3.63	1.69	R 3.28	13.23	R 5.14
1991	—	1.34	1.34	R 3.07	3.06	5.10	5.55	11.09	16.80	9.51	2.38	5.56	5.26	1.69	R 3.79	13.85	R 6.06
1992	—	1.30	1.30	R 3.13	2.24	4.84	4.82	9.50	18.32	9.16	2.43	R 2.64	R 3.28	1.69	R 3.08	13.80	R 5.06
1993	—	1.27	1.27	3.28	3.02	4.67	4.55	9.32	18.96	8.98	2.35	R 2.33	R 3.07	1.69	R 3.00	14.32	R 5.02
1994	—	1.27	1.27	3.31	2.83	4.59	6.16	8.31	19.11	9.54	2.46	R 2.17	R 3.16	R 2.04	R 3.04	13.55	R 4.90
1995	—	1.26	1.26	2.84	3.21	4.91	4.22	8.24	19.41	10.13	2.62	R 2.38	R 3.30	R 2.02	R 2.93	13.82	R 4.96
1996	—	1.29	1.29	4.17	3.34	5.77	5.24	8.74	20.08	10.54	3.08	R 3.06	R 4.05	R 2.03	R 3.86	13.72	R 5.68
1997	—	1.29	1.29	4.25	3.53	5.50	4.82	9.65	17.98	10.42	2.80	R 3.03	R 3.61	R 2.01	R 3.59	14.13	R 5.79
1998	—	1.29	1.29	3.89	3.33	4.52	3.47	8.98	19.07	8.90	2.04	R 2.68	R 3.37	R 2.02	R 3.35	13.63	R 5.53
1999	—	1.27	1.27	R 3.81	3.22	4.90	4.93	9.16	16.75	9.81	2.43	R 3.33	R 3.68	R 2.02	R 3.56	13.80	R 5.49
2000	—	1.26	R 1.26	R 4.83	4.03	7.12	9.46	14.58	17.99	12.68	3.90	R 6.33	R 5.97	R 2.01	R 5.03	10.93	R 6.11
2001	—	1.42	1.42	6.63	3.79	6.34	6.27	12.27	19.00	11.68	3.58	5.84	5.70	2.01	5.67	14.89	7.39
	Expenditures in Million Nominal Dollars																
1970	—	0.2	0.2	7.0	2.3	3.6	0.1	6.5	1.3	1.4	7.3	0.4	22.8	—	30.1	25.7	55.8
1975	—	0.8	0.8	9.5	7.6	12.7	0.4	26.7	1.4	1.5	21.7	7.6	79.7	—	90.0	66.1	156.0
1980	—	5.4	5.4	34.8	8.3	20.5	0.6	43.6	6.6	1.8	45.1	77.7	204.1	—	244.3	122.9	367.1
1985	—	7.0	7.0	93.5	27.3	R 16.6	0.1	11.4	7.3	2.7	16.1	29.4	R 110.9	—	R 211.3	145.7	R 357.0
1986	—	6.7	6.7	69.7	16.8	R 11.1	0.1	13.0	6.3	2.2	9.6	13.7	R 72.7	—	R 149.1	130.3	R 279.4
1987	—	7.1	7.1	57.7	12.1	R 11.8	0.3	15.2	6.2	2.4	14.3	16.1	R 78.3	—	R 143.1	119.9	R 263.1
1988	—	8.1	8.1	46.2	8.5	R 11.4	0.3	13.1	6.5	2.4	13.6	14.1	R 69.8	—	R 124.1	135.4	R 259.4
1989	—	6.5	6.5	50.2	10.0	R 12.9	0.3	9.5	6.6	3.0	R 14.1	16.8	R 73.3	d —	R d 130.0	136.3	R d 266.4
1990	—	6.1	6.1	56.4	10.3	R 17.1	0.2	12.6	6.8	2.6	R 12.3	R 32.1	R 94.0	0.1	R 156.6	145.2	R 301.8
1991	—	6.9	6.9	47.5	2.9	R 15.2	0.3	13.5	7.0	2.5	10.3	34.2	R 85.8	0.1	R 140.4	149.1	R 289.5
1992	—	4.6	4.6	56.1	1.2	R 11.2	0.1	6.5	7.8	2.5	R 14.7	R 41.6	R 85.5	0.1	R 146.3	149.0	R 295.3
1993	—	5.5	5.5	63.3	2.2	R 10.5	0.8	7.1	8.2	3.0	R 19.5	R 36.3	R 87.8	0.1	R 156.6	162.6	R 319.2
1994	—	6.0	6.0	56.5	3.1	R 10.1	5.2	12.4	8.7	3.2	R 21.8	R 35.3	R 99.7	R 0.1	R 162.3	155.4	R 317.7
1995	—	6.1	6.1	54.7	3.7	R 9.4	0.1	9.8	8.7	3.4	R 18.3	R 35.4	R 88.9	R 0.1	R 149.9	161.5	R 311.4
1996	—	5.3	5.3	58.3	6.6	R 16.7	1.5	19.3	8.7	3.9	R 21.2	R 52.0	R 129.8	0.2	R 193.6	155.5	R 349.1
1997	—	5.6	5.6	R 62.0	3.3	R 14.3	0.2	1.9	8.2	3.8	R 16.6	R 53.8	R 102.2	0.2	R 170.1	176.4	R 346.4
1998	—	5.6	5.6	R 63.9	3.7	R 11.2	(s)	6.2	9.1	4.0	R 7.7	R 45.6	R 87.7	R 0.2	R 157.4	171.5	R 328.9
1999	—	4.7	4.7	R 81.2	3.8	13.5	0.1	0.7	8.1	3.9	R 11.5	R 56.5	R 98.1	0.2	R 184.2	166.0	R 350.1
2000	—	5.9	R 5.9	R 118.7	13.8	R 19.9	R 0.4	7.2	8.6	3.8	R 23.7	R 68.0	R 145.3	0.2	R 270.0	131.0	R 401.1
2001	—	6.4	6.4	128.9	18.9	21.5	0.2	10.8	8.3	6.0	14.4	49.8	130.0	0.2	265.4	159.9	425.3

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Delaware

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.28	—	2.17	1.24	0.73	0.99	5.08	2.86	0.42	2.13	2.13	—	2.13
1975	1.20	—	3.45	2.81	2.03	3.40	7.48	4.54	1.72	3.74	3.74	—	3.74
1980	—	—	9.02	7.72	6.46	4.72	14.36	9.60	3.93	8.41	8.41	—	8.41
1985	—	—	9.99	8.52	6.63	R 12.28	17.61	9.39	3.99	8.78	8.78	—	8.78
1986	—	—	8.41	6.56	4.87	R 11.57	15.59	6.97	2.12	R 6.43	R 6.43	—	R 6.43
1987	—	—	7.55	6.53	4.03	R 11.27	13.58	7.61	2.57	6.53	6.53	—	6.53
1988	—	—	7.41	6.66	4.16	R 11.90	14.62	8.07	2.00	6.96	6.96	—	6.96
1989	—	—	8.28	7.27	4.80	R 10.66	14.48	8.88	2.35	7.68	7.68	—	7.68
1990	—	—	9.32	8.71	6.33	R 11.98	14.60	10.26	2.33	R 8.94	R 8.94	—	R 8.94
1991	—	—	8.71	8.26	5.51	R 13.19	16.80	9.51	2.04	7.79	7.79	—	7.79
1992	—	—	8.54	7.97	5.14	R 11.30	18.32	9.16	2.06	R 7.88	R 7.88	—	R 7.88
1993	—	—	8.24	7.92	4.88	R 11.10	18.96	8.98	2.02	R 7.70	R 7.70	—	R 7.70
1994	—	3.63	7.96	8.04	4.72	R 10.13	19.11	9.54	2.37	R 8.27	R 8.26	—	R 8.26
1995	—	2.90	8.36	8.00	4.74	R 9.97	19.41	10.13	2.61	R 9.02	R 9.02	—	R 9.02
1996	—	2.93	9.29	9.08	5.26	R 10.48	20.08	10.54	3.09	R 8.95	R 8.95	—	R 8.95
1997	—	2.75	9.39	8.92	4.94	R 10.46	17.98	10.42	R 2.70	R 8.97	R 8.97	—	R 8.97
1998	—	2.45	8.11	7.76	3.89	R 9.75	19.07	8.90	2.02	R 7.87	R 7.87	—	R 7.87
1999	—	2.73	8.81	8.15	4.34	R 11.72	16.75	9.81	R 2.48	R 8.42	R 8.42	—	R 8.42
2000	—	R 3.08	R 10.87	11.18	7.47	R 15.85	17.99	12.68	R 4.16	R 11.16	11.15	—	11.15
2001	—	3.99	11.01	10.50	5.87	16.08	19.00	11.68	3.47	10.48	10.48	—	10.48
	Expenditures in Million Nominal Dollars												
1970	(s)	—	0.2	2.8	8.1	0.1	2.1	92.1	1.8	107.0	107.0	—	107.0
1975	(s)	—	0.3	8.4	18.0	0.5	2.3	166.2	10.4	206.0	206.0	—	206.0
1980	—	—	0.5	43.3	54.6	0.2	5.5	329.4	20.1	453.7	453.7	—	453.7
1985	—	—	0.8	R 62.7	56.0	0.2	6.2	368.0	5.8	R 499.8	R 499.8	—	R 499.8
1986	—	—	0.8	R 57.0	35.2	R 1.9	5.4	279.0	7.8	R 387.1	R 387.1	—	R 387.1
1987	—	—	0.6	R 61.4	27.9	0.1	5.3	311.3	19.4	R 426.0	R 426.0	—	R 426.0
1988	—	—	0.7	R 57.0	30.5	R 0.3	5.5	342.8	11.0	R 447.7	R 447.7	—	R 447.7
1989	—	—	0.7	R 77.0	32.4	R 0.3	5.6	375.7	R 13.0	R 504.7	R 504.7	—	R 504.7
1990	—	—	3.6	R 68.1	44.4	0.2	5.8	427.3	R 13.2	R 562.7	R 562.7	—	R 562.7
1991	—	—	0.8	R 68.2	70.9	0.3	5.9	385.1	R 16.8	R 548.1	R 548.1	—	R 548.1
1992	—	—	0.8	R 63.5	40.1	0.2	6.6	388.3	R 13.3	R 512.7	R 512.7	—	R 512.7
1993	—	—	2.1	R 73.8	37.8	0.2	7.0	388.8	R 14.3	R 524.0	R 524.0	—	R 524.0
1994	—	(s)	2.3	R 69.4	14.4	R 0.3	7.3	410.7	R 18.6	R 523.0	R 523.1	—	R 523.1
1995	—	(s)	2.2	R 69.5	2.0	R 0.2	7.3	443.7	R 16.9	R 541.8	R 541.9	—	R 541.9
1996	—	R 0.1	2.4	R 82.3	1.9	R 0.2	7.3	460.4	R 38.8	R 593.4	R 593.4	—	R 593.4
1997	—	R 0.1	3.0	R 79.1	2.0	0.2	6.9	462.2	R 28.3	R 581.8	R 581.9	—	R 581.9
1998	—	R 0.1	2.2	R 68.6	1.5	0.1	7.7	416.9	R 17.4	R 514.5	R 514.6	—	R 514.6
1999	—	R 0.1	0.7	R 66.4	2.6	0.1	6.8	468.4	R 27.2	R 572.1	R 572.2	—	R 572.2
2000	—	R 0.1	1.1	R 140.1	4.4	0.1	7.2	589.9	R 42.8	R 785.7	R 785.8	—	R 785.8
2001	—	0.2	3.4	84.6	4.3	(s)	7.0	558.0	28.5	685.9	686.1	—	686.1

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Delaware (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.39	0.37	0.46	0.47	0.29	0.40	—	—	—	—	0.39
1975	1.15	1.02	1.97	2.18	0.49	1.92	—	—	—	—	1.63
1980	1.64	3.47	4.27	6.21	4.32	4.33	—	—	—	—	3.35
1985	1.91	3.88	4.13	5.51	1.27	3.86	—	—	—	—	2.48
1986	1.91	2.53	2.29	3.50	1.09	2.20	—	—	—	—	2.01
1987	1.81	2.75	2.75	3.99	1.05	2.59	—	—	—	—	2.05
1988	1.81	2.42	2.28	3.51	1.02	2.23	—	—	—	—	1.96
1989	1.79	2.54	2.72	3.90	0.94	2.66	—	—	—	—	2.12
1990	1.82	2.58	2.71	4.58	0.90	2.05	—	—	—	—	1.98
1991	1.78	2.37	2.31	4.62	0.84	1.92	—	—	—	—	1.92
1992	1.73	2.60	2.32	4.44	0.78	1.80	—	—	—	—	1.85
1993	1.69	2.61	2.26	3.96	—	2.30	—	—	—	—	1.93
1994	1.62	2.34	2.46	4.19	—	2.61	—	—	—	—	1.96
1995	1.62	2.27	2.53	3.73	—	2.65	—	—	—	—	1.95
1996	1.59	3.03	3.04	5.13	—	3.26	—	—	—	—	2.26
1997	1.57	3.05	2.70	4.41	—	2.84	—	—	—	—	2.09
1998	1.56	2.98	2.10	3.16	—	2.16	—	—	—	—	1.92
1999	1.59	3.03	2.36	3.92	—	2.51	—	—	—	—	2.21
2000	1.52	4.88	4.35	6.65	—	4.85	—	0.67	—	—	2.37
2001	2.17	4.27	3.80	4.99	—	3.90	—	—	—	—	3.08
	Expenditures in Million Nominal Dollars										
1970	14.2	1.4	4.5	0.8	2.2	7.5	—	—	—	—	23.1
1975	25.6	1.9	76.4	1.7	0.7	78.8	—	—	—	—	106.3
1980	38.5	25.3	156.5	6.8	12.2	175.6	—	—	—	—	239.3
1985	125.9	29.3	68.8	3.2	2.7	74.7	—	—	—	—	229.9
1986	116.9	4.8	52.6	2.3	2.8	57.7	—	—	—	—	179.4
1987	115.9	22.3	42.6	3.1	2.4	48.0	—	—	—	—	186.2
1988	112.8	7.3	60.0	3.5	2.0	65.5	—	—	—	—	185.6
1989	99.6	21.5	62.8	6.3	1.8	70.9	—	—	—	—	192.0
1990	97.3	29.7	33.9	2.9	7.6	44.4	—	—	—	—	171.4
1991	91.1	37.0	39.1	3.2	6.7	49.0	—	—	—	—	177.1
1992	73.7	22.4	37.6	3.3	7.9	48.8	—	—	—	—	144.9
1993	97.9	23.4	46.7	2.4	—	49.1	—	—	—	—	170.3
1994	84.2	42.3	38.4	6.0	—	44.4	—	—	—	—	170.9
1995	76.8	63.3	21.3	3.5	—	24.7	—	—	—	—	164.8
1996	74.2	73.1	33.4	6.6	—	40.1	—	—	—	—	187.3
1997	69.2	50.7	22.3	3.1	—	25.4	—	—	—	—	145.4
1998	64.5	32.2	26.3	2.2	—	28.5	—	—	—	—	125.2
1999	51.1	59.1	27.4	4.9	—	32.3	—	—	—	—	142.5
2000	69.2	41.6	23.8	10.1	—	33.9	—	0.1	—	—	144.8
2001	73.4	67.0	51.6	6.4	—	58.0	—	—	—	—	198.5

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, District of Columbia

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.30	0.30	1.27	1.09	0.73	1.49	2.86	0.50	3.04	1.19	—	0.73	1.06	0.43	5.39	1.72
1975	—	1.32	1.32	2.13	2.61	—	3.37	4.85	1.97	4.18	3.30	—	1.45	2.85	1.92	10.74	4.33
1980	—	1.54	1.54	4.36	7.18	6.46	6.00	9.97	4.46	9.33	7.86	—	3.70	6.34	4.59	14.91	8.71
1985	—	R 1.76	R 1.76	7.30	R 7.87	5.80	R 12.16	10.28	4.36	11.16	R 8.75	—	R 4.19	R 7.78	4.24	20.88	R 11.57
1986	—	R 1.76	R 1.76	6.77	R 6.11	4.01	R 11.71	8.23	2.95	10.57	R 6.33	—	R 3.36	R 6.38	2.28	20.13	R 10.28
1987	—	R 1.72	R 1.72	6.06	R 6.21	4.01	R 11.34	8.05	3.27	9.41	R 6.63	—	3.20	6.26	3.04	18.83	R 10.08
1988	—	R 1.71	R 1.71	6.00	R 6.00	3.75	R 11.63	8.63	2.41	9.67	R 6.85	—	3.23	R 6.40	2.40	17.99	R 10.30
1989	—	R 1.69	R 1.69	6.36	R 6.35	—	R 10.79	9.50	2.79	8.59	R 7.26	—	e 3.57	R e 6.74	2.89	17.21	R e 10.45
1990	—	R 1.59	R 1.59	6.40	R 8.02	5.47	R 11.52	10.24	R 3.21	10.17	R 8.48	—	3.53	7.40	3.12	17.39	R 11.09
1991	—	R 1.66	R 1.66	6.08	R 7.02	—	R 12.40	9.85	2.61	12.07	R 8.26	—	R 3.38	R 7.07	2.46	18.32	R 11.10
1992	—	R 1.63	R 1.63	6.46	R 6.67	—	R 10.81	10.33	2.79	13.02	R 8.68	—	R 3.09	R 7.44	2.81	18.97	R 11.38
1993	—	R 1.63	R 1.63	7.01	R 6.33	4.16	R 10.95	10.36	2.42	12.59	R 8.36	—	3.02	R 7.57	2.31	19.86	R 11.88
1994	—	1.56	1.56	7.19	R 6.14	—	R 10.42	10.48	2.41	12.95	R 8.23	—	2.93	R 7.61	2.50	20.85	R 12.38
1995	—	1.49	1.49	6.95	R 5.90	3.89	R 10.65	10.79	2.65	8.76	R 8.56	—	2.87	7.74	2.67	20.87	R 12.36
1996	—	1.52	1.52	8.23	R 7.03	—	R 11.53	11.33	2.92	10.06	R 9.35	—	3.29	R 8.68	3.11	21.52	R 13.08
1997	—	1.51	1.51	R 8.14	R 7.05	4.47	R 11.63	11.12	R 2.83	8.11	R 9.41	—	3.27	8.63	3.24	21.65	R 13.04
1998	—	1.49	1.49	R 7.82	R 6.15	3.34	R 12.46	9.98	2.05	6.74	R 7.82	—	2.84	7.77	2.22	21.71	R 12.86
1999	—	1.47	1.47	R 7.79	R 6.25	—	R 12.07	10.35	2.43	7.45	R 8.55	—	2.92	8.12	2.69	21.85	13.23
2000	—	1.45	1.45	R 9.90	R 9.14	—	R 15.04	13.67	4.25	R 10.06	R 11.80	—	4.38	R 10.78	R 5.10	22.04	R 14.86
2001	—	1.75	1.75	11.97	8.54	—	14.78	13.57	3.56	9.82	11.39	—	4.17	11.50	3.92	23.05	15.57
	Expenditures in Million Nominal Dollars																
1970	—	8.5	8.5	33.5	31.4	(s)	(s)	85.4	35.1	2.2	154.1	—	(s)	196.1	-18.0	99.2	277.4
1975	—	13.4	13.4	55.7	48.1	—	0.1	146.4	51.6	4.7	250.8	—	0.1	320.0	-31.7	212.3	500.5
1980	—	5.0	5.0	121.8	95.6	12.1	0.1	203.3	45.2	18.6	374.9	—	2.2	503.9	-45.1	356.4	815.2
1985	—	R 6.1	R 6.1	211.5	R 109.8	0.2	0.2	205.2	20.3	10.1	R 345.8	—	3.7	R 567.0	-8.3	585.2	R 1,143.9
1986	—	R 2.4	R 2.4	200.6	R 91.9	11.4	R 0.2	167.6	27.5	6.5	R 305.1	—	2.9	R 510.9	-6.7	590.0	R 1,094.2
1987	—	R 3.0	R 3.0	188.7	R 77.2	(s)	0.2	179.6	27.9	6.1	R 291.0	—	2.1	R 484.8	-11.7	578.7	R 1,051.8
1988	—	1.3	1.3	197.1	R 70.6	0.1	0.2	197.6	17.7	6.4	R 292.6	—	2.2	R 493.2	-16.4	575.9	R 1,052.7
1989	—	2.5	2.5	213.1	R 70.1	—	0.2	209.6	R 25.3	7.6	R 312.8	—	e 2.5	R e 530.9	-26.8	566.9	R e 1,071.0
1990	—	2.7	2.7	184.5	R 77.1	0.2	0.2	217.4	R 20.6	6.5	R 322.1	—	2.2	R 511.6	-17.0	584.5	R 1,079.1
1991	—	2.7	2.7	188.5	R 69.4	—	0.2	208.2	10.9	6.4	R 295.1	—	2.3	R 488.6	-7.6	637.4	R 1,118.4
1992	—	2.0	2.0	212.5	R 66.1	—	0.3	218.4	R 8.2	6.9	R 299.9	—	2.2	R 516.6	-4.4	650.1	R 1,162.3
1993	—	2.1	2.1	231.7	R 62.2	2.4	0.2	227.9	R 9.8	7.6	R 310.1	—	2.2	R 546.0	-6.9	702.9	R 1,242.0
1994	—	1.8	1.8	222.3	R 70.8	—	0.2	224.7	R 11.1	7.9	R 314.8	—	2.1	R 541.0	-10.3	732.4	R 1,263.1
1995	—	0.2	0.2	228.9	R 63.2	(s)	0.2	233.0	8.9	11.5	R 316.9	—	2.3	R 548.3	-7.9	734.4	R 1,274.8
1996	—	0.9	0.9	R 279.5	R 82.0	—	0.2	228.2	6.2	11.1	R 327.8	—	2.6	R 610.8	-5.6	744.3	R 1,349.4
1997	—	1.5	1.5	R 281.5	R 60.6	6.4	0.3	235.7	2.9	14.5	R 320.4	—	1.7	R 605.0	-3.9	746.6	R 1,347.8
1998	—	0.2	0.2	R 242.3	R 46.0	10.6	0.1	209.7	5.8	15.4	R 287.6	—	1.3	R 531.5	-7.8	761.5	R 1,285.2
1999	—	0.2	0.2	R 254.9	R 50.2	—	0.1	214.7	6.8	14.1	R 286.0	—	1.5	R 542.5	-9.1	776.5	R 1,309.9
2000	—	R 0.3	R 0.3	R 337.9	R 91.0	—	R 0.5	289.9	5.6	R 19.9	R 406.9	—	2.3	R 747.3	R -11.7	798.3	R 1,533.9
2001	—	1.3	1.3	363.0	82.6	—	0.3	275.1	6.4	16.8	381.1	—	1.8	747.3	-8.2	740.1	1,479.3

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, District of Columbia

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.05	1.43	1.42	1.50	2.57	1.42	0.73	1.42	7.02	2.00
1975	1.75	2.30	2.71	3.37	4.61	2.71	1.45	2.44	12.65	3.79
1980	3.18	4.56	7.40	8.55	9.81	7.41	3.70	5.14	17.32	7.10
1985	3.28	7.80	8.74	8.50	13.53	8.74	R 4.19	R 7.64	20.31	R 9.69
1986	3.22	7.42	7.12	6.44	13.81	7.11	R 3.36	R 7.16	19.97	R 9.41
1987	3.10	6.99	7.02	5.93	13.84	7.00	3.20	R 6.80	19.15	R 9.12
1988	3.07	6.88	7.00	5.55	14.13	R 6.98	3.23	6.74	18.41	R 9.03
1989	3.25	7.37	7.54	5.16	14.13	R 7.42	3.57	R 7.17	17.59	R 9.29
1990	3.36	7.12	8.24	6.49	12.58	8.22	3.53	6.99	17.88	R 9.46
1991	3.09	7.03	8.58	6.08	13.46	8.54	R 3.38	R 6.93	19.29	R 9.85
1992	3.10	7.56	8.08	5.65	13.03	R 8.06	R 3.09	R 7.38	19.38	R 9.93
1993	3.23	8.28	7.99	5.48	13.36	R 7.95	3.02	8.01	21.04	R 11.01
1994	3.23	8.20	7.66	5.31	13.75	7.63	2.93	7.93	21.88	R 11.16
1995	3.11	7.98	7.70	4.97	14.19	7.67	2.87	7.74	22.35	R 11.12
1996	3.19	9.11	8.98	5.90	15.54	8.95	3.29	8.86	22.77	11.86
1997	3.23	9.20	8.95	5.88	15.15	R 8.91	3.27	8.99	23.07	R 12.16
1998	3.06	8.68	7.79	4.29	14.04	7.74	2.84	8.43	23.45	12.34
1999	2.89	8.52	7.71	5.24	14.08	7.68	2.92	R 8.30	23.44	R 12.20
2000	2.94	10.53	10.39	8.68	18.05	10.39	4.38	R 10.34	23.53	R 13.50
2001	3.84	12.33	10.91	7.94	19.22	10.95	4.17	11.96	22.95	15.00
	Expenditures in Million Nominal Dollars									
1970	0.6	20.2	13.4	0.2	(s)	13.6	(s)	34.4	19.9	54.2
1975	0.2	30.7	18.3	0.1	(s)	18.5	0.1	49.4	39.2	88.7
1980	1.8	62.8	32.3	0.2	(s)	32.6	2.1	99.3	64.1	163.4
1985	R 2.5	131.4	R 28.2	0.5	(s)	R 28.7	3.6	R 166.2	85.4	R 251.6
1986	R 1.0	130.0	R 18.4	0.4	(s)	R 18.9	2.8	R 152.6	90.7	R 243.4
1987	R 1.2	118.6	R 19.1	0.4	(s)	R 19.5	2.0	R 141.4	92.1	R 233.5
1988	0.5	121.6	R 13.8	0.3	(s)	R 14.1	2.1	R 138.4	92.0	R 230.4
1989	R 1.0	129.7	R 7.1	0.3	0.1	R 7.5	2.4	R 140.6	88.0	R 228.6
1990	R 1.2	108.7	R 8.5	0.1	(s)	R 8.7	2.1	R 120.6	90.3	R 211.0
1991	R 0.9	108.1	R 9.5	0.1	0.1	R 9.7	2.1	R 120.9	104.0	R 224.8
1992	0.7	126.2	R 9.3	0.1	0.1	R 9.5	2.0	R 138.4	98.4	R 236.8
1993	0.7	138.4	R 8.2	0.2	0.1	R 8.4	2.0	R 149.5	117.3	R 266.8
1994	0.6	131.5	R 6.6	0.1	0.1	R 6.8	1.9	R 140.8	117.3	R 258.2
1995	0.1	126.0	R 12.8	0.2	0.1	R 13.0	2.1	R 141.2	122.6	R 263.8
1996	0.2	158.9	R 15.8	0.2	0.1	R 16.1	2.4	R 177.6	125.4	R 303.0
1997	0.3	148.4	R 13.5	0.2	0.1	R 13.8	1.5	R 164.1	122.3	R 286.3
1998	0.1	118.0	R 10.7	0.1	0.1	R 10.9	1.2	R 130.2	127.7	R 257.9
1999	0.1	123.1	9.4	0.2	0.1	R 9.6	1.3	R 134.0	131.4	R 265.4
2000	0.1	166.9	R 13.2	R 0.1	0.1	R 13.4	2.0	R 182.4	130.4	R 312.8
2001	0.3	163.8	12.7	(s)	0.1	12.8	1.7	178.5	131.3	309.8

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, District of Columbia

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.11	1.09	1.12	1.33	1.03	2.86	0.46	0.61	0.73	0.72	6.86	1.41
1975	1.25	1.96	2.39	2.70	2.75	4.85	2.02	2.28	1.45	2.11	12.49	4.63
1980	1.19	4.21	6.55	8.50	5.13	9.97	4.43	6.60	3.70	4.39	18.41	8.51
1985	1.33	6.62	6.53	8.50	11.53	10.28	5.16	R 6.34	4.19	R 5.87	22.82	R 12.67
1986	1.33	5.84	4.76	6.44	11.00	8.23	3.34	R 4.14	3.36	4.81	21.78	R 11.11
1987	1.31	4.94	4.82	5.93	10.48	8.05	3.50	R 4.15	3.20	R 4.44	20.19	R 10.61
1988	1.33	4.98	4.43	5.55	10.87	8.63	3.23	R 4.21	3.23	4.68	19.29	R 11.20
1989	1.28	5.25	5.11	5.16	9.74	9.50	3.70	R 4.98	3.57	4.97	18.37	R 10.94
1990	1.14	5.59	6.64	6.49	10.95	10.24	3.91	R 6.18	3.53	R 5.43	18.55	R 11.59
1991	1.34	5.14	5.62	6.08	11.75	9.85	3.38	R 5.20	3.38	R 4.92	19.41	R 11.44
1992	1.30	5.32	5.04	5.65	10.07	10.33	3.11	R 4.61	3.09	4.96	20.16	R 11.76
1993	1.27	5.71	4.93	5.48	9.88	10.36	2.92	R 4.67	3.02	5.23	20.88	R 12.19
1994	1.27	6.09	4.80	5.31	11.11	10.48	2.92	R 4.81	2.93	R 5.47	20.91	R 13.94
1995	1.25	6.00	4.60	4.97	10.80	10.79	3.16	R 4.94	2.87	5.67	20.88	R 13.86
1996	1.29	7.30	5.47	5.90	12.06	11.33	3.11	5.39	3.29	R 6.62	21.60	R 14.65
1997	1.30	7.23	5.50	5.88	11.58	11.12	3.38	R 5.81	3.27	6.73	21.71	R 14.78
1998	1.29	7.17	4.29	4.29	10.27	9.98	2.30	R 5.42	2.84	R 6.77	21.70	R 15.17
1999	1.28	7.23	4.54	5.24	10.47	10.35	2.71	5.00	2.92	6.84	21.84	15.34
2000	1.26	9.38	7.27	8.68	13.43	13.67	4.49	R 8.03	4.38	R 9.02	22.07	R 16.27
2001	1.49	11.72	6.57	7.94	14.21	13.57	4.00	8.48	4.17	10.63	23.32	17.17
	Expenditures in Million Nominal Dollars											
1970	(s)	12.9	8.5	0.1	(s)	1.0	14.8	24.3	(s)	37.3	45.3	82.6
1975	0.3	24.4	13.0	0.1	(s)	2.0	13.4	28.4	(s)	53.1	100.4	153.5
1980	2.5	58.0	24.7	(s)	(s)	2.1	1.0	27.9	0.1	88.5	154.3	242.8
1985	R 3.6	80.1	R 31.8	2.6	(s)	1.5	9.3	R 45.2	0.1	R 129.0	336.2	R 465.2
1986	1.4	70.6	R 30.5	(s)	(s)	2.1	21.0	R 53.6	0.1	R 125.7	335.6	R 461.3
1987	1.8	70.1	R 20.8	(s)	(s)	0.9	18.1	R 39.8	0.1	R 111.8	327.3	R 439.1
1988	0.8	75.5	R 16.2	0.1	(s)	1.0	4.5	R 21.8	0.1	R 98.2	326.7	R 425.0
1989	1.5	83.4	R 17.9	1.4	(s)	1.1	3.0	R 23.3	0.1	R 108.4	320.9	R 429.2
1990	1.6	75.9	R 23.0	0.3	(s)	3.8	5.4	R 32.5	0.1	R 110.1	332.3	R 442.3
1991	R 1.8	80.4	R 22.2	0.1	(s)	1.8	4.7	R 28.9	0.1	R 111.2	358.8	R 470.0
1992	R 1.3	86.3	R 18.8	0.1	(s)	1.6	R 5.2	R 25.7	0.1	R 113.5	372.6	R 486.1
1993	R 1.3	93.3	R 24.5	0.1	(s)	1.8	3.8	R 30.2	0.2	R 125.0	399.2	R 524.2
1994	1.3	90.8	R 28.3	0.2	(s)	3.6	3.1	R 35.2	0.2	R 127.4	591.6	R 719.0
1995	0.2	102.9	R 22.2	3.6	(s)	5.7	2.6	R 34.1	0.2	R 137.3	589.6	R 726.9
1996	0.7	120.5	R 30.6	3.4	(s)	1.2	1.9	R 37.1	0.2	R 158.4	597.5	R 755.9
1997	1.1	132.9	R 16.2	6.7	(s)	2.8	0.7	R 26.5	0.2	R 160.8	602.4	R 763.1
1998	0.2	124.1	R 7.9	7.1	(s)	8.9	0.1	R 24.0	0.1	R 148.4	611.7	R 760.2
1999	0.2	131.6	8.9	6.7	(s)	1.2	(s)	16.9	0.2	R 148.8	622.4	R 771.2
2000	0.2	170.7	R 23.8	R 12.0	(s)	3.8	(s)	R 39.6	0.2	R 210.8	643.1	R 853.9
2001	1.0	198.9	20.7	9.3	(s)	17.9	(s)	48.0	0.2	248.0	578.4	826.4

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, District of Columbia

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.11	0.11	0.67	0.67	1.22	1.33	1.03	5.08	—	0.59	—	0.66	—	0.49	3.80	1.19
1975	—	1.25	1.25	1.36	1.80	2.50	2.70	2.75	7.48	—	1.82	—	2.08	—	1.63	8.42	4.29
1980	—	1.20	1.20	2.45	3.58	7.63	8.50	5.13	14.36	—	3.97	—	7.60	—	6.16	11.65	10.20
1985	—	—	—	—	4.95	7.51	7.04	11.53	17.61	10.28	5.16	—	R 8.52	—	R 8.52	17.86	R 17.08
1986	—	—	—	—	4.18	4.62	4.79	11.00	15.59	8.23	—	—	R 6.06	—	R 6.06	17.34	R 16.09
1987	—	—	—	—	3.22	5.29	4.64	10.48	13.58	8.05	—	—	R 6.77	—	R 6.77	16.37	R 15.63
1988	—	—	—	—	3.16	5.16	4.34	10.87	14.62	8.63	—	—	R 6.99	—	R 6.99	15.55	15.02
1989	—	—	—	—	2.88	5.05	—	9.74	14.48	9.50	3.70	—	R 7.84	[d] —	R [d] 7.84	15.00	[d] 14.57
1990	—	—	—	—	2.94	5.64	—	10.95	14.60	10.24	3.91	—	8.42	—	8.42	15.14	14.68
1991	—	—	—	—	3.10	7.88	5.76	11.75	16.80	9.85	3.38	—	8.35	—	8.35	15.93	15.56
1992	—	—	—	—	2.35	5.35	—	10.07	18.32	10.33	3.11	—	R 8.14	—	R 8.14	16.64	R 16.17
1993	—	—	—	—	2.87	4.54	—	9.88	18.96	10.36	—	—	R 7.31	—	R 7.31	17.33	R 16.84
1994	—	—	—	—	2.85	5.05	—	8.83	19.11	10.48	2.92	—	R 8.33	—	R 8.33	13.58	R 11.34
1995	—	—	—	—	3.23	5.05	—	8.72	19.41	10.79	3.16	—	R 8.09	—	R 8.09	12.78	R 11.01
1996	—	—	—	—	3.31	4.92	5.55	9.24	20.08	11.33	3.11	—	R 8.35	—	R 8.35	12.77	11.13
1997	—	—	—	—	3.54	5.58	5.10	10.21	17.98	11.12	—	—	R 8.10	—	R 8.10	12.97	R 10.84
1998	—	—	—	—	3.24	4.42	—	9.50	19.07	9.98	—	—	R 7.04	—	R 7.04	12.85	R 10.82
1999	—	—	—	—	3.15	4.94	4.22	9.69	16.75	10.35	—	—	5.61	—	5.61	13.45	R 8.97
2000	—	—	—	—	4.03	7.62	—	14.34	17.99	13.67	4.49	—	R 8.79	—	R 8.79	13.89	R 11.95
2001	—	—	—	—	3.78	6.70	—	12.97	19.00	13.57	—	—	10.91	—	10.91	14.10	12.39
	Expenditures in Million Nominal Dollars																
1970	—	1.1	1.1	0.3	0.1	2.7	0.1	(s)	0.1	—	12.2	—	15.2	—	16.6	34.1	50.6
1975	—	8.7	8.7	0.6	0.2	2.2	1.5	(s)	0.6	—	7.9	—	12.4	—	21.7	72.7	94.4
1980	—	0.7	0.7	0.9	0.4	8.5	12.6	0.1	0.6	—	1.3	—	23.6	—	25.2	133.4	158.6
1985	—	—	—	—	0.9	R 1.8	0.1	0.1	0.7	3.2	(s)	—	R 6.8	—	R 6.8	154.4	R 161.2
1986	—	—	—	—	0.9	R 2.4	(s)	0.1	0.6	2.8	—	—	R 6.7	—	R 6.7	154.2	R 160.9
1987	—	—	—	—	0.7	0.4	0.1	0.1	0.6	3.4	—	—	5.2	—	5.2	151.2	156.4
1988	—	—	—	—	0.7	0.1	(s)	0.1	0.6	2.8	—	—	4.4	—	4.4	149.0	153.4
1989	—	—	—	—	0.5	0.1	—	0.1	0.6	3.7	(s)	—	5.1	[d] —	[d] 5.1	150.0	[d] 155.1
1990	—	—	—	—	0.6	0.1	—	0.1	0.7	4.8	(s)	—	6.3	—	6.3	153.7	160.0
1991	—	—	—	—	0.5	0.1	(s)	0.1	0.7	3.0	(s)	—	4.4	—	4.4	165.9	170.3
1992	—	—	—	—	0.3	R 0.5	—	0.2	0.7	3.2	(s)	—	4.9	—	4.9	169.6	174.5
1993	—	—	—	—	0.5	0.4	—	0.1	0.8	2.0	—	—	3.8	—	3.8	176.0	R 179.9
1994	—	—	—	—	0.5	0.4	—	0.1	0.8	3.8	(s)	—	R 5.7	—	R 5.7	12.4	18.0
1995	—	—	—	—	0.5	R 0.5	—	0.1	0.8	2.5	(s)	—	4.4	—	4.4	11.4	15.8
1996	—	—	—	—	0.5	0.5	(s)	0.1	0.8	2.3	(s)	—	4.2	—	4.2	11.0	15.2
1997	—	—	—	—	0.8	0.7	(s)	0.1	0.8	3.2	—	—	5.6	—	5.6	11.6	17.2
1998	—	—	—	—	0.6	R 0.4	—	(s)	0.9	1.4	—	—	3.4	—	3.4	11.5	R 14.8
1999	—	—	—	—	0.6	R 4.0	(s)	(s)	0.8	1.0	—	—	6.4	—	6.4	11.4	17.8
2000	—	—	—	—	0.8	R 1.5	—	0.3	0.8	1.7	(s)	—	5.0	—	5.0	12.9	R 18.0
2001	—	—	—	—	0.7	1.4	—	0.2	0.8	8.9	—	—	11.9	—	11.9	13.5	25.4

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, District of Columbia

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.11	—	—	1.32	0.73	1.03	5.08	2.86	0.45	2.74	2.74	—	2.74
1975	1.25	—	—	2.81	—	2.75	7.48	4.85	1.81	4.43	4.43	—	4.43
1980	—	—	—	7.70	6.46	5.13	14.36	9.97	4.20	9.40	9.40	12.62	9.44
1985	—	—	—	8.78	5.80	R 12.56	17.61	10.28	3.75	9.74	9.74	20.73	R 9.92
1986	—	—	—	7.67	4.01	R 11.98	15.59	8.23	2.05	7.68	7.68	20.40	7.88
1987	—	—	—	7.25	4.01	R 11.41	13.58	8.05	—	7.98	7.98	17.14	R 8.13
1988	—	—	—	7.19	3.75	R 11.85	14.62	8.63	2.12	R 8.41	R 8.41	16.91	R 8.55
1989	—	—	—	7.49	—	R 10.73	14.48	9.50	2.57	R 9.11	R 9.11	16.91	R 9.24
1990	—	—	—	9.33	5.47	R 12.19	14.60	10.24	2.88	10.12	10.12	16.95	10.24
1991	—	—	—	8.05	—	R 13.08	16.80	9.85	—	R 9.62	R 9.62	17.80	R 9.77
1992	—	—	—	7.83	—	R 11.26	18.32	10.33	2.27	R 9.96	R 9.96	18.26	R 10.13
1993	—	—	8.24	8.00	4.16	R 11.19	18.96	10.36	—	R 10.01	R 10.01	18.95	10.19
1994	—	—	7.96	8.03	—	R 10.29	19.11	10.48	—	10.19	10.19	19.70	10.40
1995	—	2.05	8.36	7.08	3.89	R 9.81	19.41	10.79	—	R 10.34	R 10.33	18.55	R 10.52
1996	—	4.90	9.29	8.61	—	R 10.31	20.08	11.33	—	R 11.00	R 10.99	18.78	11.16
1997	—	2.95	9.39	7.90	4.47	R 10.29	17.98	11.12	—	R 10.39	10.38	19.16	10.56
1998	—	2.53	8.11	7.16	3.34	R 9.59	19.07	9.98	—	R 8.95	8.94	19.21	9.15
1999	—	2.74	8.81	7.46	—	R 11.53	16.75	10.35	—	R 10.04	10.02	19.20	R 10.24
2000	—	3.89	R 10.87	R 10.95	—	R 15.59	17.99	13.67	—	R 13.27	R 13.25	19.54	R 13.40
2001	—	5.01	11.01	9.48	—	15.81	19.00	13.57	3.41	12.80	12.77	26.86	13.14
	Expenditures in Million Nominal Dollars												
1970	(s)	—	—	3.8	(s)	(s)	1.6	84.4	(s)	89.9	89.9	—	89.9
1975	(s)	—	—	13.4	—	(s)	2.1	144.4	4.0	164.0	164.0	—	164.0
1980	—	—	—	26.3	12.1	(s)	4.7	201.2	1.6	245.8	245.8	4.6	250.3
1985	—	—	—	R 46.0	0.2	(s)	5.2	200.6	4.8	R 256.8	R 256.8	9.2	R 266.0
1986	—	—	—	R 39.5	11.4	(s)	4.5	162.8	1.0	R 219.2	R 219.2	9.4	R 228.6
1987	—	—	—	R 35.0	(s)	(s)	4.5	175.3	—	R 214.8	R 214.8	8.0	R 222.7
1988	—	—	—	R 37.2	0.1	(s)	4.6	193.8	0.1	R 235.9	R 235.9	8.1	R 244.0
1989	—	—	—	R 39.9	—	(s)	4.7	204.8	0.6	R 250.1	R 250.1	8.0	R 258.1
1990	—	—	—	R 43.7	0.2	(s)	4.9	208.8	0.1	R 257.6	R 257.6	8.2	R 265.8
1991	—	—	—	R 36.1	—	(s)	5.0	203.4	—	R 244.5	R 244.5	8.8	R 253.3
1992	—	—	—	R 36.1	—	(s)	5.6	213.6	0.1	R 255.4	R 255.4	9.5	R 264.9
1993	—	—	0.1	R 28.3	2.4	R 0.1	5.9	224.1	—	R 260.8	R 260.8	10.3	R 271.1
1994	—	—	0.1	33.3	—	(s)	6.2	217.2	—	256.8	256.8	11.1	267.9
1995	—	(s)	0.2	R 26.2	(s)	(s)	6.2	224.9	—	R 257.4	R 257.5	10.8	R 268.3
1996	—	R 0.2	(s)	R 33.8	—	(s)	6.2	224.7	—	R 264.8	R 264.9	10.4	R 275.3
1997	—	R 0.1	0.1	R 28.5	6.4	(s)	5.9	229.7	—	R 270.6	R 270.7	10.4	R 281.1
1998	—	R 0.1	0.1	R 24.9	10.6	(s)	6.5	199.4	—	R 241.6	R 241.7	10.6	R 252.3
1999	—	R 0.2	0.1	R 25.6	—	(s)	5.8	212.5	—	R 244.0	R 244.1	11.3	R 255.4
2000	—	R 0.3	0.1	R 46.4	—	(s)	6.1	284.4	—	R 337.1	R 337.3	11.9	R 349.3
2001	—	0.4	0.1	45.9	—	(s)	5.9	248.3	(s)	300.3	300.7	17.0	317.6

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, District of Columbia (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.39	—	0.47	0.46	—	0.47	—	—	—	—	0.43
1975	1.50	—	2.01	2.11	—	2.01	—	—	—	—	1.92
1980	—	—	4.49	5.95	—	4.59	—	—	—	—	4.59
1985	—	—	3.94	5.43	—	4.24	—	—	—	—	4.24
1986	—	—	2.16	2.98	—	2.28	—	—	—	—	2.28
1987	—	—	2.93	3.83	—	3.04	—	—	—	—	3.04
1988	—	—	2.22	3.47	—	2.40	—	—	—	—	2.40
1989	—	—	2.71	4.08	—	2.89	—	—	—	—	2.89
1990	—	—	3.02	4.29	—	3.12	—	—	—	—	3.12
1991	—	—	2.22	4.56	—	2.46	—	—	—	—	2.46
1992	—	—	2.38	4.45	—	2.81	—	—	—	—	2.81
1993	—	—	2.19	3.98	—	2.31	—	—	—	—	2.31
1994	—	—	2.26	4.01	—	2.50	—	—	—	—	2.50
1995	—	—	2.48	3.77	—	2.67	—	—	—	—	2.67
1996	—	—	2.85	4.49	—	3.11	—	—	—	—	3.11
1997	—	—	2.68	4.29	—	3.24	—	—	—	—	3.24
1998	—	—	2.04	2.95	—	2.22	—	—	—	—	2.22
1999	—	—	2.43	3.84	—	2.69	—	—	—	—	2.69
2000	—	—	4.25	6.23	—	5.10	—	—	—	—	5.10
2001	—	—	3.56	6.07	—	3.92	—	—	—	—	3.92
	Expenditures in Million Nominal Dollars										
1970	6.8	—	8.1	3.1	—	11.2	—	—	—	—	18.0
1975	4.2	—	26.4	1.1	—	27.5	—	—	—	—	31.7
1980	—	—	41.3	3.8	—	45.1	—	—	—	—	45.1
1985	—	—	6.2	2.1	—	8.3	—	—	—	—	8.3
1986	—	—	5.5	1.2	—	6.7	—	—	—	—	6.7
1987	—	—	9.8	1.9	—	11.7	—	—	—	—	11.7
1988	—	—	13.1	3.3	—	16.4	—	—	—	—	16.4
1989	—	—	21.7	5.1	—	26.8	—	—	—	—	26.8
1990	—	—	15.2	1.8	—	17.0	—	—	—	—	17.0
1991	—	—	6.2	1.4	—	7.6	—	—	—	—	7.6
1992	—	—	2.9	1.5	—	4.4	—	—	—	—	4.4
1993	—	—	6.1	0.8	—	6.9	—	—	—	—	6.9
1994	—	—	8.1	2.3	—	10.3	—	—	—	—	10.3
1995	—	—	6.3	1.6	—	7.9	—	—	—	—	7.9
1996	—	—	4.3	1.3	—	5.6	—	—	—	—	5.6
1997	—	—	2.1	1.8	—	3.9	—	—	—	—	3.9
1998	—	—	5.8	2.0	—	7.8	—	—	—	—	7.8
1999	—	—	6.7	2.4	—	9.1	—	—	—	—	9.1
2000	—	—	5.6	6.1	—	11.7	—	—	—	—	11.7
2001	—	—	6.3	1.8	—	8.2	—	—	—	—	8.2

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Florida

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.31	0.31	0.49	1.08	0.73	2.61	2.81	0.33	1.58	1.53	—	1.87	1.21	0.33	5.67	2.34
1975	—	1.01	1.01	1.00	2.53	2.03	5.14	4.39	1.84	3.16	3.02	0.17	1.98	2.43	1.35	10.46	4.59
1980	—	1.80	1.80	2.19	6.91	6.46	7.48	9.80	3.61	6.94	6.66	0.35	2.97	5.11	2.40	16.24	8.78
1985	—	2.12	2.12	3.73	R 6.92	5.90	R 11.15	9.03	3.90	7.32	7.48	0.65	3.41	5.18	2.22	22.59	R 10.73
1986	—	1.93	1.93	2.76	R 5.59	4.19	10.47	6.70	2.15	5.62	5.28	0.73	2.84	3.93	1.76	21.37	R 9.17
1987	—	1.82	1.82	3.21	R 5.91	4.07	11.15	7.11	2.90	5.24	R 5.80	0.69	2.70	4.18	1.97	20.55	R 9.23
1988	—	1.78	1.78	2.80	R 5.66	3.82	R 11.42	7.12	2.17	5.26	5.48	0.94	2.72	3.91	1.73	20.70	R 9.12
1989	—	1.79	1.79	R 3.03	R 6.09	4.43	R 10.36	7.68	2.64	5.49	5.96	0.66	R e 1.32	R e 4.10	R 1.87	20.45	R e 9.27
1990	—	1.85	1.85	3.21	R 7.50	5.64	11.91	8.85	2.92	5.53	R 6.92	0.64	R 0.89	R 4.66	R 1.94	20.62	R 10.18
1991	—	1.86	1.86	2.84	R 7.04	4.93	12.41	8.48	2.20	5.50	6.40	0.66	R 0.95	R 4.30	R 1.77	20.99	R 10.22
1992	—	1.83	1.83	R 2.99	R 7.16	4.56	R 14.37	8.29	2.36	5.34	6.38	0.62	R 0.92	R 4.23	R 1.74	20.50	R 9.91
1993	—	1.78	1.78	R 3.36	R 6.85	4.23	R 15.13	8.42	2.16	5.30	6.17	0.63	R 0.93	R 4.17	R 1.70	21.09	R 10.12
1994	—	R 1.78	R 1.78	R 3.03	R 7.41	3.93	R 12.51	8.33	2.25	5.55	6.22	0.62	R 0.93	R 4.15	R 1.69	20.40	R 9.88
1995	—	R 1.79	R 1.79	R 2.83	R 7.24	3.91	R 11.84	8.52	2.51	6.15	R 6.72	0.53	R 1.04	R 4.20	R 1.72	20.55	R 10.04
1996	—	R 1.74	R 1.74	R 3.72	R 8.17	4.73	R 13.36	9.17	2.85	6.15	7.34	0.51	R 0.86	R 4.64	R 1.94	21.05	R 10.63
1997	—	R 1.73	R 1.73	R 3.78	R 8.03	4.49	R 14.75	9.14	R 2.69	5.40	7.16	R 0.50	R 0.80	R 4.63	R 1.92	21.08	R 10.73
1998	—	R 1.65	R 1.65	R 3.49	R 6.84	3.34	R 14.07	7.68	2.04	4.25	5.73	0.48	R 1.00	R 3.90	R 1.69	20.53	R 10.05
1999	—	R 1.59	R 1.59	R 3.63	R 7.32	3.89	R 13.34	8.50	2.47	4.68	R 6.48	0.43	R 0.77	R 4.29	R 1.77	20.06	R 10.33
2000	—	R 1.57	R 1.57	R 5.01	R 9.93	6.49	R 16.86	11.17	R 4.26	R 6.47	R 8.88	R 0.44	R 0.82	R 5.76	R 2.38	20.24	R 12.04
2001	—	1.72	1.72	5.70	9.26	5.73	17.17	10.37	3.54	5.30	8.09	0.41	1.24	5.57	2.42	22.57	12.48
	Expenditures in Million Nominal Dollars																
1970	—	35.8	35.8	170.1	98.0	96.6	77.1	1,125.2	112.8	122.4	1,632.1	—	19.5	1,857.5	-196.0	971.7	2,633.2
1975	—	135.0	135.0	283.6	343.6	275.6	142.5	2,319.6	915.2	172.4	4,168.9	15.8	20.9	4,624.1	-1,114.2	2,532.9	6,042.8
1980	—	405.3	405.3	693.8	1,183.7	1,302.3	294.6	5,627.4	2,193.5	449.8	11,051.3	63.8	51.9	12,266.1	-2,439.2	5,029.8	14,856.6
1985	—	999.4	999.4	1,081.0	R 1,282.3	762.5	R 396.7	5,948.9	911.5	618.5	R 9,920.4	162.2	R 84.8	R 12,247.8	-2,241.8	8,548.0	R 18,554.0
1986	—	R 887.3	R 887.3	787.7	R 1,067.2	587.3	R 401.5	4,613.9	767.6	513.4	R 7,950.9	169.4	R 70.3	R 9,865.6	-1,976.8	8,480.2	R 16,369.0
1987	—	1,066.3	1,066.3	964.7	R 1,201.8	604.7	R 358.8	5,144.2	831.7	444.6	R 8,585.9	134.3	R 61.0	R 10,812.2	-2,252.6	8,586.9	R 17,146.4
1988	—	1,088.2	1,088.2	825.1	R 1,189.5	685.3	R 334.6	5,303.8	735.4	460.5	R 8,709.1	261.6	R 63.9	R 10,947.8	-2,196.7	9,197.0	R 17,948.1
1989	—	R 1,139.7	R 1,139.7	R 977.9	R 1,264.4	835.0	R 306.0	5,734.3	R 886.3	420.2	R 9,446.2	146.6	R e 177.6	R e 11,888.0	R -2,463.3	9,661.0	R e 19,085.6
1990	—	R 1,172.4	R 1,172.4	R 1,082.4	R 1,542.6	1,013.5	R 334.3	6,619.5	R 998.1	425.1	R 10,933.0	147.8	R 89.7	R 13,425.3	R -2,547.8	10,097.9	R 20,975.4
1991	—	R 1,208.5	R 1,208.5	R 1,004.4	R 1,346.4	693.5	R 356.8	6,302.8	R 825.2	414.6	R 9,939.3	142.7	R 108.1	R 12,403.0	R -2,456.5	10,479.4	R 20,425.9
1992	—	R 1,185.8	R 1,185.8	R 1,080.4	R 1,506.1	626.4	R 416.1	6,235.9	R 885.4	391.6	R 10,061.5	162.8	R 117.4	R 12,607.8	R -2,475.4	10,281.2	R 20,413.6
1993	—	R 1,162.3	R 1,162.3	R 1,215.7	R 962.5	635.8	R 440.4	6,644.8	R 948.6	436.2	R 10,068.3	171.9	R 127.2	R 12,745.4	R -2,509.2	10,994.1	R 21,230.2
1994	—	R 1,182.6	R 1,182.6	R 1,244.1	R 1,477.6	636.6	R 337.9	6,634.9	R 944.1	418.5	R 10,449.7	172.0	R 127.8	R 13,176.2	R -2,558.9	11,102.8	R 21,720.1
1995	—	R 1,229.2	R 1,229.2	R 1,616.7	R 1,674.5	621.8	R 334.4	7,005.7	R 746.8	435.9	R 10,819.1	160.3	R 167.2	R 13,992.5	R -2,776.6	11,745.5	R 22,961.3
1996	—	R 1,299.6	R 1,299.6	R 2,053.0	R 1,823.4	787.5	R 390.2	7,607.6	R 849.7	595.7	R 12,054.1	136.9	R 152.0	R 15,695.6	R -3,154.2	12,343.5	R 24,884.9
1997	—	R 1,298.6	R 1,298.6	R 2,036.0	R 1,946.2	776.5	R 311.5	7,711.6	R 842.0	567.7	R 12,155.5	R 120.1	R 135.5	R 15,745.7	R -3,165.1	12,588.1	R 25,168.8
1998	—	R 1,239.6	R 1,239.6	R 1,825.0	R 1,738.1	539.5	R 318.7	6,772.4	R 906.2	496.2	R 10,771.1	R 157.2	R 147.1	R 14,140.1	R -3,156.9	13,126.6	R 24,109.9
1999	—	R 1,141.4	R 1,141.4	R 2,081.6	R 1,963.1	638.9	R 345.9	7,689.7	R 993.0	534.2	R 12,164.8	R 143.1	R 113.0	R 15,643.9	R -3,271.5	12,819.4	R 25,191.8
2000	—	R 1,196.8	R 1,196.8	R 2,825.3	R 2,759.0	1,292.6	R 449.3	10,373.8	R 1,747.2	R 691.6	R 17,313.5	R 147.7	R 116.0	R 21,599.3	R -4,464.7	13,525.9	R 30,660.5
2001	—	1,250.1	1,250.1	3,194.7	2,655.4	996.6	444.9	9,779.6	1,538.1	621.7	16,036.4	133.9	162.0	20,777.0	-4,548.1	15,376.4	31,605.3

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Florida

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	—	2.42	1.25	1.63	3.11	2.35	0.73	2.31	6.10	4.54
1975	—	2.54	2.62	3.27	6.32	5.10	1.45	4.03	10.92	8.91
1980	3.12	4.49	6.92	8.92	10.34	9.24	3.70	6.81	16.74	14.16
1985	3.31	6.72	6.73	7.25	10.70	R 9.66	R 4.19	7.50	24.73	R 20.44
1986	3.00	6.70	7.67	4.95	10.35	R 9.50	R 3.36	7.21	23.36	R 19.59
1987	2.96	6.83	6.75	6.49	12.01	R 10.43	3.20	R 7.77	22.73	R 19.46
1988	2.95	6.94	7.17	9.61	12.01	R 10.98	3.23	7.88	22.91	R 19.91
1989	3.05	R 7.45	6.56	9.54	10.81	R 10.24	3.57	7.62	22.67	19.99
1990	3.10	R 7.81	9.59	8.50	12.55	R 12.15	3.53	R 9.78	22.78	R 21.02
1991	2.94	8.18	8.95	9.11	13.05	R 12.54	R 3.38	10.13	23.18	R 21.41
1992	2.92	R 8.26	11.11	8.42	16.37	R 15.32	R 3.09	11.57	22.71	R 21.10
1993	3.10	9.12	7.05	6.81	18.07	R 16.40	3.02	R 12.33	23.41	21.92
1994	3.10	R 8.85	12.02	5.48	14.91	R 14.31	2.93	R 10.94	22.80	21.34
1995	3.00	R 9.21	7.12	9.19	15.13	R 14.07	2.87	10.68	22.93	21.57
1996	2.94	R 9.62	13.25	9.04	17.04	R 16.08	3.29	R 11.73	23.43	R 22.06
1997	—	R 11.26	7.19	7.87	16.98	R 15.84	3.27	R 12.94	23.68	22.62
1998	2.99	R 10.71	6.37	6.15	16.01	R 15.14	2.84	R 12.44	23.13	22.10
1999	2.96	R 11.07	6.84	6.11	15.85	15.04	2.92	R 12.52	22.65	21.67
2000	2.99	R 11.66	9.91	9.03	19.27	R 18.55	4.38	R 14.38	22.78	R 21.97
2001	3.31	14.78	9.17	10.93	20.97	20.03	4.17	16.31	25.19	24.41
	Expenditures in Million Nominal Dollars									
1970	—	37.0	7.4	22.3	66.9	96.6	1.6	135.2	512.1	647.2
1975	—	41.7	16.7	13.4	121.0	151.1	4.1	196.9	1,295.3	1,492.2
1980	0.2	72.7	49.0	39.1	168.4	256.5	35.2	364.6	2,555.0	2,919.6
1985	R 2.0	100.9	R 24.9	35.5	231.1	R 291.5	R 64.6	R 459.0	4,566.8	R 5,025.7
1986	R 1.6	99.9	R 23.1	15.6	241.8	R 280.4	R 50.4	R 432.3	4,596.6	R 5,028.9
1987	R 0.9	109.0	R 32.3	23.2	240.9	R 296.4	R 41.3	R 447.5	4,683.9	R 5,131.4
1988	(s)	111.5	R 25.0	35.7	213.6	R 274.2	R 43.3	R 429.1	5,001.0	R 5,430.1
1989	(s)	105.5	R 15.4	20.6	192.8	R 228.9	49.6	R 384.0	5,273.0	R 5,656.9
1990	0.1	109.9	R 15.5	7.4	227.0	R 249.9	11.8	R 371.7	5,527.2	R 5,898.9
1991	(s)	115.9	R 14.3	10.1	243.5	R 267.9	11.9	R 395.7	5,759.4	R 6,155.1
1992	0.2	130.6	R 23.3	13.1	307.7	R 344.1	R 11.5	R 486.3	5,671.2	R 6,157.5
1993	0.2	139.7	R 14.0	8.4	329.3	R 351.7	12.1	R 503.7	6,137.0	R 6,640.7
1994	0.2	138.3	R 19.4	3.9	251.1	R 274.4	11.5	R 424.4	6,270.5	R 6,695.0
1995	(s)	143.2	R 9.4	11.0	216.1	R 236.6	12.5	R 392.3	6,711.3	R 7,103.6
1996	(s)	175.0	R 16.4	13.5	248.1	R 278.1	14.3	R 467.4	7,059.9	R 7,527.3
1997	—	156.1	R 6.1	9.0	245.1	R 260.2	8.2	R 424.5	7,097.3	R 7,521.7
1998	(s)	159.2	R 4.0	5.8	257.8	R 267.7	6.4	R 433.4	7,557.1	R 7,990.4
1999	0.1	159.9	4.0	5.6	254.0	263.6	7.1	430.6	7,253.3	R 7,683.9
2000	0.1	195.7	R 6.9	R 5.1	304.9	R 316.8	11.1	R 523.7	7,696.3	R 8,220.0
2001	0.6	244.6	6.5	5.7	277.5	289.7	9.0	543.8	8,712.9	9,256.7

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Florida

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	—	0.89	0.98	0.61	1.27	2.81	0.33	1.23	0.73	1.07	6.24	3.53
1975	—	1.58	2.26	2.38	2.51	4.39	1.85	2.52	1.45	2.03	11.44	7.13
1980	1.77	3.21	6.30	6.41	5.46	9.80	3.71	6.24	3.70	4.67	17.38	12.25
1985	2.04	4.80	6.22	7.25	11.80	9.03	4.08	R 6.56	4.19	R 5.78	22.03	R 15.66
1986	1.98	4.11	3.86	4.95	10.66	6.70	2.27	R 4.33	3.36	4.20	20.45	R 14.07
1987	1.86	4.28	4.19	6.49	9.74	7.11	2.98	R 4.79	3.20	R 4.53	19.57	R 13.97
1988	1.84	4.20	3.83	9.61	10.53	7.12	2.29	R 4.60	3.23	R 4.41	19.75	R 14.48
1989	1.86	R 4.48	4.44	9.54	9.69	7.68	2.75	R 5.08	3.20	4.78	19.40	R 14.91
1990	1.89	R 4.65	5.57	8.50	10.76	8.85	3.09	R 5.70	2.78	R 5.22	19.57	R 15.02
1991	1.89	4.48	5.02	9.11	11.22	8.48	2.37	5.08	2.87	R 4.77	19.86	R 15.25
1992	1.93	4.53	4.81	8.42	10.64	8.29	2.49	R 5.03	2.47	4.74	19.33	R 14.88
1993	1.94	5.32	4.59	6.81	10.17	8.42	2.30	R 5.36	2.59	R 5.30	19.66	R 15.98
1994	1.87	R 4.91	4.36	5.48	9.41	8.33	2.34	R 5.19	2.43	R 4.96	18.70	R 15.49
1995	1.86	4.98	4.36	9.19	9.67	8.52	2.71	R 5.13	2.34	R 5.01	18.80	R 15.67
1996	1.82	R 5.78	5.24	9.04	10.93	9.17	3.07	R 6.29	2.73	R 5.89	19.47	R 16.48
1997	—	R 6.48	5.07	7.87	11.17	9.14	2.92	R 6.36	2.64	R 6.42	19.43	R 16.99
1998	1.78	R 6.08	3.97	6.15	10.42	7.68	2.19	R 5.85	2.15	R 5.98	18.76	R 16.52
1999	1.70	R 6.22	4.49	6.11	10.16	8.50	2.75	5.93	2.03	R 6.09	18.33	R 16.20
2000	1.68	R 6.95	7.38	9.03	13.19	11.17	4.43	R 8.49	3.07	R 7.33	18.48	R 16.06
2001	1.79	9.86	6.52	10.93	14.12	10.37	3.72	7.59	2.48	9.02	20.87	18.28
	Expenditures in Million Nominal Dollars											
1970	—	24.9	11.7	0.5	4.8	20.4	3.1	40.4	(s)	65.4	345.9	411.3
1975	—	53.9	29.3	0.5	8.5	23.9	18.0	80.3	0.1	134.3	894.1	1,028.4
1980	0.3	103.6	70.7	1.0	15.7	69.0	34.4	190.9	0.8	295.7	1,626.2	1,921.9
1985	R 4.4	163.4	R 147.8	43.0	45.0	64.9	55.7	R 356.5	1.7	R 525.9	3,103.2	R 3,629.1
1986	R 3.6	158.6	R 85.7	23.8	44.0	50.2	39.9	R 243.5	1.6	R 407.3	3,069.1	R 3,476.4
1987	R 1.9	175.8	R 107.5	17.2	34.5	51.2	38.0	R 248.3	1.4	R 427.5	3,109.8	R 3,537.3
1988	0.1	171.8	R 84.6	22.8	33.1	48.7	30.3	R 219.4	1.6	R 392.8	3,360.4	R 3,753.3
1989	(s)	170.3	R 79.9	19.3	30.5	49.2	R 34.1	R 212.9	1.9	R 385.1	3,522.0	R 3,907.1
1990	0.2	183.0	R 125.0	6.0	34.3	65.7	R 45.9	R 277.0	0.9	R 461.0	3,723.4	R 4,184.4
1991	(s)	193.2	R 101.6	1.5	36.9	41.3	R 31.8	R 213.2	0.8	R 407.2	3,861.1	R 4,268.3
1992	0.6	207.8	R 97.8	1.4	35.3	35.6	R 27.9	R 198.0	0.9	R 407.2	3,778.5	R 4,185.7
1993	0.6	240.3	R 87.8	2.1	32.7	4.2	R 2.0	R 128.9	1.1	R 370.9	3,996.3	R 4,367.2
1994	0.8	221.2	R 61.8	2.4	28.0	4.2	2.0	R 98.4	1.1	R 321.5	3,981.4	R 4,302.9
1995	0.1	215.2	R 74.7	5.0	24.4	4.4	R 2.3	R 110.8	1.1	R 327.2	4,181.4	R 4,508.6
1996	(s)	269.7	R 64.7	5.4	28.1	4.8	1.9	R 104.9	1.3	R 375.9	4,401.2	R 4,777.1
1997	—	251.4	R 52.7	2.4	28.4	11.5	2.3	R 97.3	1.0	R 349.7	4,567.4	R 4,917.1
1998	0.2	241.4	R 32.2	2.3	29.6	9.9	0.1	R 74.2	0.9	R 316.7	4,679.1	R 4,995.8
1999	R 0.3	236.1	R 47.1	2.1	28.7	11.1	R 0.2	R 89.3	1.0	R 326.7	4,676.7	R 5,003.4
2000	0.4	369.3	R 113.4	R 1.4	36.8	17.6	R 0.4	R 169.8	1.5	R 541.0	4,912.4	R 5,453.3
2001	2.5	517.5	115.3	1.5	33.0	13.1	0.3	163.3	1.2	684.4	5,656.4	6,340.9

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Florida

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	—	—	0.37	0.67	0.56	0.61	1.27	5.08	2.81	0.37	1.35	0.69	2.18	0.61	3.56	0.97
1975	—	0.53	0.53	0.95	1.78	2.20	2.38	2.51	7.48	4.39	1.75	3.11	2.18	2.18	1.66	7.57	2.70
1980	—	1.77	1.77	2.61	3.57	5.75	6.41	5.46	14.36	9.80	3.44	7.97	4.71	2.05	3.84	13.38	5.42
1985	—	2.04	2.04	3.71	4.99	6.49	6.91	11.80	17.61	9.03	4.08	8.30	6.29	2.05	R 5.00	16.63	7.03
1986	—	1.98	1.98	2.85	4.16	4.43	5.23	10.66	15.59	6.70	2.27	5.32	R 4.88	1.98	R 3.98	16.29	R 6.17
1987	—	1.86	1.86	3.01	3.20	4.52	4.57	9.74	13.58	7.11	2.98	6.18	R 4.75	1.98	R 3.82	14.99	R 5.91
1988	—	1.84	1.84	2.63	3.13	4.18	4.37	10.53	14.62	7.12	2.29	5.21	R 4.27	1.98	R 3.41	14.93	R 5.47
1989	—	1.86	R 1.86	R 2.89	2.87	4.97	5.50	9.69	14.48	7.68	2.75	5.86	R 4.71	R d 1.16	R d 2.96	14.84	R d 4.78
1990	—	1.89	1.89	R 3.30	2.91	5.94	7.15	10.76	14.60	8.85	3.09	6.62	R 5.08	R 0.94	R 3.36	14.90	R 5.14
1991	—	1.89	R 1.89	2.83	3.06	5.36	5.94	11.22	16.80	8.48	2.37	6.50	R 4.89	R 1.10	R 3.14	15.21	R 5.03
1992	—	1.93	1.93	2.93	2.25	5.08	5.13	10.64	18.32	8.29	2.49	6.97	R 4.50	R 1.10	R 3.03	14.72	R 4.77
1993	—	1.94	R 1.94	3.53	2.86	4.91	4.88	10.17	18.96	8.42	2.30	6.24	R 4.39	R 1.09	R 3.21	15.42	R 4.82
1994	—	1.87	R 1.87	3.12	2.82	4.73	4.72	8.04	19.11	8.33	2.34	6.30	R 4.38	R 1.09	R 3.04	15.04	R 4.61
1995	—	1.86	R 1.86	R 3.07	3.21	4.59	4.59	8.15	19.41	8.52	2.71	6.64	4.75	R 1.17	R 3.12	15.11	R 4.57
1996	—	1.82	R 1.82	R 3.77	3.27	5.50	5.57	9.43	20.08	9.17	3.07	6.07	R 5.47	R 0.95	R 3.63	14.97	R 4.97
1997	—	1.80	R 1.80	R 4.17	3.53	5.24	5.15	9.21	17.98	9.14	2.92	5.57	R 5.32	R 0.95	R 3.61	14.76	R 5.11
1998	—	1.78	R 1.78	R 3.77	3.23	4.17	3.92	8.38	19.07	7.68	2.19	3.93	R 4.29	R 1.27	R 3.31	14.09	R 4.80
1999	—	1.70	R 1.70	R 3.94	3.14	4.75	4.41	8.74	16.75	8.50	2.75	5.27	R 5.02	R 1.38	R 3.68	13.97	R 5.11
2000	—	1.68	R 1.68	R 5.35	4.03	7.68	8.02	13.28	17.99	11.17	4.43	R 7.73	R 7.25	R 1.44	R 5.04	14.18	R 6.40
2001	—	1.79	1.79	6.56	3.78	6.93	7.08	12.66	19.00	10.37	3.72	6.48	6.62	1.54	5.19	15.62	6.76
	Expenditures in Million Nominal Dollars																
1970	—	—	—	35.8	18.0	14.7	3.9	4.4	12.9	3.0	19.1	9.8	85.8	17.8	139.5	113.7	253.2
1975	—	0.3	0.3	85.1	43.3	60.0	1.6	11.5	25.7	2.1	81.0	26.1	251.2	16.7	353.3	343.4	696.7
1980	—	30.2	30.2	259.6	106.4	236.8	5.5	107.2	52.6	4.5	294.2	114.0	921.3	15.8	1,226.9	848.6	2,075.6
1985	—	45.4	45.4	272.5	220.8	R 192.4	24.3	103.3	58.7	48.5	146.6	115.5	R 910.1	18.5	R 1,246.5	876.6	R 2,123.1
1986	—	38.0	38.0	174.5	227.3	R 144.6	1.1	99.0	50.8	36.1	44.3	83.7	R 686.8	18.4	R 917.6	811.6	R 1,729.3
1987	—	46.4	46.4	199.3	160.8	R 152.0	1.1	76.6	50.1	37.3	33.5	95.9	R 607.2	18.3	R 871.2	789.9	R 1,661.1
1988	—	49.2	49.2	214.5	164.6	R 116.9	2.0	79.7	52.0	35.2	57.5	81.4	R 589.2	19.0	R 871.8	833.0	R 1,704.8
1989	—	53.2	R 53.2	236.3	123.5	R 119.0	3.6	75.2	52.8	41.6	R 49.5	89.3	R 554.5	R d 107.8	R d 951.8	863.0	R d 1,814.8
1990	—	57.0	R 57.0	304.1	131.3	R 143.5	2.0	64.8	54.8	49.7	R 62.5	112.6	R 621.2	R 62.7	R 1,045.0	844.1	R 1,889.1
1991	—	53.7	R 53.7	259.4	148.5	R 111.4	0.4	69.2	56.4	43.0	R 38.7	91.2	R 559.0	R 74.1	R 946.2	855.6	R 1,801.8
1992	—	64.4	R 64.4	273.1	103.7	R 124.6	0.3	66.3	62.7	42.6	R 63.8	101.4	R 565.3	R 78.5	R 981.4	828.4	R 1,809.8
1993	—	63.1	R 63.1	389.4	158.2	R 126.9	0.4	72.0	66.1	42.9	R 75.1	91.2	R 632.5	R 84.5	R 1,169.5	857.5	R 2,027.0
1994	—	60.7	R 60.7	R 420.7	136.5	R 115.8	0.2	49.6	69.6	44.9	R 67.2	92.0	R 575.8	R 83.2	R 1,140.5	847.6	R 1,988.1
1995	—	61.8	R 61.8	R 420.4	141.1	R 154.7	0.2	88.8	69.5	51.0	R 84.7	91.4	R 681.3	R 110.1	R 1,273.5	849.5	R 2,123.1
1996	—	58.0	R 58.0	R 551.4	128.4	R 181.1	1.0	109.7	69.8	54.5	R 75.4	258.7	R 878.6	R 92.8	R 1,580.7	879.0	R 2,459.7
1997	—	60.8	R 60.8	R 551.9	82.4	R 175.1	1.5	34.6	66.0	54.5	R 63.1	270.4	R 747.5	R 90.5	R 1,450.7	920.0	R 2,370.6
1998	—	57.1	R 57.1	R 485.2	82.0	R 134.1	3.6	28.3	73.3	76.0	R 56.9	197.2	R 651.4	R 100.4	R 1,294.0	887.1	R 2,181.1
1999	—	50.7	R 50.7	R 552.9	76.5	R 175.9	2.7	57.6	65.0	47.4	R 55.0	253.0	R 733.0	R 104.9	R 1,441.5	885.8	R 2,327.3
2000	—	53.9	R 53.9	R 620.8	107.5	R 278.8	R 4.4	99.9	68.8	66.3	R 97.3	R 368.1	R 1,091.0	R 103.5	R 1,869.1	913.5	R 2,782.6
2001	—	54.1	54.1	661.1	134.3	275.4	4.9	116.5	66.6	128.1	65.7	271.5	1,062.9	111.3	1,889.3	1,002.1	2,891.4

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Florida

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	—	—	2.17	1.44	0.73	1.27	5.08	2.81	0.29	2.19	2.19	—	2.19
1975	0.53	—	3.45	2.89	2.03	2.51	7.48	4.39	1.60	3.79	3.79	—	3.79
1980	—	—	9.02	7.72	6.46	5.46	14.36	9.80	3.14	8.39	8.39	—	8.39
1985	—	—	9.99	7.24	5.90	R 12.33	17.61	9.03	3.76	8.19	8.19	22.04	8.19
1986	—	—	8.41	6.24	4.19	R 10.56	15.59	6.70	2.00	6.12	6.12	19.81	6.12
1987	—	—	7.55	6.66	4.07	R 9.65	13.58	7.11	2.82	6.43	6.43	19.74	6.43
1988	—	—	7.41	6.25	3.82	R 10.33	14.62	7.12	1.94	6.28	6.28	19.83	6.28
1989	—	—	8.28	6.64	4.43	R 9.51	14.48	7.68	2.33	6.79	6.79	19.67	R 6.80
1990	—	R 2.51	9.32	8.21	5.64	R 10.56	14.60	8.85	2.56	7.94	7.94	20.02	7.94
1991	—	4.31	8.71	7.75	4.93	R 11.12	16.80	8.48	1.95	7.64	7.64	20.08	7.64
1992	—	4.04	8.54	7.91	4.56	R 11.15	18.32	8.29	2.12	R 7.46	R 7.46	19.97	R 7.46
1993	—	4.05	8.24	8.20	4.23	R 10.86	18.96	8.42	1.96	R 7.45	7.44	20.39	R 7.45
1994	—	R 3.87	7.96	8.28	3.93	R 9.09	19.11	8.33	2.18	R 7.43	R 7.43	19.71	7.43
1995	—	3.61	8.36	8.27	3.91	R 9.45	19.41	8.52	2.54	7.66	7.66	19.62	7.66
1996	—	R 4.36	9.29	9.07	4.73	R 9.85	20.08	9.17	2.85	R 8.33	R 8.33	19.94	8.33
1997	—	R 4.80	9.39	8.88	4.49	R 8.90	17.98	9.14	R 2.69	8.22	8.22	19.93	8.22
1998	—	R 4.48	8.11	7.77	3.34	R 8.72	19.07	7.68	1.96	R 6.98	R 6.98	19.47	R 6.98
1999	—	R 4.36	8.81	8.26	3.89	R 11.59	16.75	8.50	R 2.57	R 7.71	R 7.71	19.38	R 7.71
2000	—	R 5.70	R 10.87	10.86	6.49	R 15.26	17.99	11.17	R 4.13	R 10.16	R 10.16	20.40	R 10.16
2001	—	8.13	11.01	10.20	5.73	15.80	19.00	10.37	3.25	9.52	9.52	22.28	9.52
	Expenditures in Million Nominal Dollars												
1970	—	—	34.4	63.0	96.6	0.9	20.6	1,101.8	4.2	1,321.5	1,321.5	—	1,321.5
1975	(s)	—	33.4	171.1	275.3	1.6	28.2	2,293.5	22.3	2,825.4	2,825.4	—	2,825.4
1980	—	—	61.0	719.9	1,302.3	3.2	70.1	5,553.9	229.2	7,939.6	7,939.6	—	7,939.6
1985	—	—	42.4	R 875.8	762.5	R 17.3	78.2	5,835.5	162.9	R 7,774.7	R 7,774.7	1.4	R 7,776.1
1986	—	—	43.4	R 793.5	587.3	R 16.8	67.7	4,527.6	95.1	R 6,131.6	R 6,131.6	2.8	R 6,134.4
1987	—	—	29.6	R 886.1	604.7	R 6.9	66.7	5,055.8	163.6	R 6,813.4	R 6,813.4	3.3	R 6,816.7
1988	—	—	33.0	R 941.7	685.3	R 8.2	69.2	5,219.8	100.1	R 7,057.4	R 7,057.4	2.6	R 7,059.9
1989	—	—	40.8	R 989.2	835.0	R 7.5	70.4	5,643.5	R 117.5	R 7,703.8	R 7,703.8	3.1	R 7,706.8
1990	—	(s)	38.0	R 1,202.9	1,013.5	R 8.1	73.0	6,504.1	R 160.2	R 8,999.9	R 8,999.9	3.2	R 9,003.0
1991	—	(s)	31.3	R 1,070.2	693.5	7.2	75.1	6,218.5	R 101.6	R 8,197.4	R 8,197.5	3.2	R 8,200.7
1992	—	R 0.3	25.6	R 1,220.4	626.4	R 6.7	83.5	6,157.6	R 136.9	R 8,257.2	R 8,257.5	3.1	R 8,260.6
1993	—	R 0.4	21.9	R 698.4	635.8	R 6.4	88.0	6,597.7	R 143.4	R 8,191.7	R 8,192.1	3.2	R 8,195.4
1994	—	R 0.4	21.1	R 1,247.1	636.6	R 9.2	92.7	6,585.8	R 137.9	R 8,730.5	R 8,730.9	3.3	R 8,734.2
1995	—	R 0.5	25.3	R 1,392.6	621.8	R 5.1	92.6	6,950.2	R 134.7	R 9,222.2	R 9,222.8	3.3	R 9,226.1
1996	—	R 0.9	24.3	R 1,513.5	787.5	R 4.3	92.9	7,548.3	R 145.7	R 10,116.5	R 10,117.4	3.4	R 10,120.8
1997	—	R 1.3	26.8	R 1,671.2	776.5	R 3.3	87.9	7,645.6	R 143.3	R 10,354.6	R 10,355.8	3.4	R 10,359.3
1998	—	R 1.2	17.6	R 1,499.2	539.5	R 2.9	97.6	6,686.5	R 94.5	R 8,937.9	R 8,939.2	3.4	R 8,942.6
1999	—	R 1.5	26.3	R 1,660.3	638.9	R 5.6	86.6	7,631.2	R 123.1	R 10,172.1	R 10,173.6	3.6	R 10,177.2
2000	—	R 2.7	R 33.5	R 2,223.7	1,292.6	R 7.6	91.6	10,289.9	R 259.2	R 14,198.2	R 14,200.8	3.7	R 14,204.6
2001	—	4.1	26.8	2,165.3	996.6	17.9	88.7	9,638.4	173.4	13,107.2	13,111.3	5.0	13,116.3

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Florida (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.31	0.35	0.33	0.36	—	0.33	—	—	—	—	0.33
1975	1.01	0.72	1.85	2.21	—	1.88	0.17	—	—	—	1.35
1980	1.80	1.53	3.72	5.76	—	3.80	0.35	—	—	—	2.40
1985	2.12	3.25	3.87	5.71	—	3.96	0.65	—	—	—	2.22
1986	1.93	2.08	2.15	3.41	—	2.18	0.73	—	—	—	1.76
1987	1.82	2.71	2.91	3.93	—	2.94	0.69	—	—	—	1.97
1988	1.78	2.10	2.20	3.54	—	2.23	0.94	—	—	—	1.73
1989	1.79	2.46	2.69	4.27	—	2.77	0.66	0.67	—	—	1.87
1990	1.85	2.53	2.99	5.09	—	3.08	0.64	0.46	—	—	1.94
1991	1.86	2.14	2.23	4.63	—	2.31	0.66	0.50	—	—	1.77
1992	1.82	2.28	2.40	4.46	—	2.47	0.62	0.51	—	—	1.74
1993	1.77	2.34	2.19	4.18	—	2.24	0.63	0.55	—	—	1.70
1994	1.78	2.16	2.25	3.94	—	2.29	0.62	0.56	—	—	1.69
1995	1.79	2.24	2.48	3.98	—	2.55	0.53	0.70	—	—	1.72
1996	1.74	3.10	2.83	4.82	0.92	2.89	0.51	0.59	—	—	1.94
1997	1.73	3.04	2.68	4.44	1.06	2.62	0.50	0.50	—	—	1.92
1998	1.65	2.76	2.04	3.38	0.60	2.01	0.48	0.61	—	—	1.69
1999	1.59	2.97	2.44	3.99	0.59	2.38	0.43	([b])	—	—	1.77
2000	1.57	4.34	4.27	6.57	0.58	4.21	0.44	([b])	—	—	2.38
2001	1.72	4.53	3.57	5.65	0.78	3.47	0.41	0.72	—	—	2.42
	Expenditures in Million Nominal Dollars										
1970	35.8	72.4	86.5	1.3	—	87.8	—	—	—	—	196.0
1975	134.7	102.9	794.0	66.8	—	860.8	15.8	—	—	—	1,114.2
1980	374.6	257.9	1,635.7	107.3	—	1,743.0	63.8	—	—	—	2,439.2
1985	947.7	544.2	546.2	41.5	—	587.7	162.2	—	—	—	2,241.8
1986	844.1	354.8	588.3	20.3	—	608.6	169.4	—	—	—	1,976.8
1987	1,017.1	480.6	596.7	23.9	—	620.6	134.3	—	—	—	2,252.6
1988	1,038.9	327.3	547.5	21.4	—	568.9	261.6	—	—	—	2,196.7
1989	1,086.5	465.9	685.2	60.9	—	746.1	146.6	18.3	—	—	2,463.3
1990	1,115.1	485.4	729.4	55.7	—	785.1	147.8	14.3	—	—	2,547.8
1991	1,154.7	435.9	653.0	48.9	—	701.9	142.7	21.3	—	—	2,456.5
1992	1,120.5	468.5	656.9	40.1	—	697.0	162.8	26.6	—	—	2,475.4
1993	1,098.4	445.9	728.1	35.4	—	763.5	171.9	29.6	—	—	2,509.2
1994	1,120.8	463.5	737.0	33.6	—	770.6	172.0	32.0	—	—	2,558.9
1995	1,167.4	837.3	525.1	43.0	—	568.1	160.3	43.5	—	—	2,776.6
1996	1,241.5	1,056.0	626.7	47.7	1.7	676.2	136.9	43.6	—	—	3,154.2
1997	1,237.8	1,075.4	633.4	41.2	21.3	695.8	120.1	35.9	—	—	3,165.1
1998	1,182.3	938.0	754.6	68.6	16.8	839.9	157.2	39.4	—	—	3,156.9
1999	1,090.4	1,131.2	814.7	75.8	16.4	906.8	143.1	([b])	—	—	3,271.5
2000	1,142.5	1,636.8	1,390.3	136.3	11.1	1,537.7	147.7	([b])	—	—	4,464.7
2001	1,193.0	1,767.5	1,298.7	92.9	21.7	1,413.3	133.9	40.5	—	—	4,548.1

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[b] Electric plants used wood chips at no charge.
— No consumption.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Georgia

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.39	0.39	0.58	1.06	0.73	2.01	2.80	0.38	1.70	1.94	—	1.29	1.24	0.35	4.58	1.85
1975	—	0.95	0.95	1.02	2.71	2.03	3.58	4.73	1.70	2.97	3.65	0.13	1.46	2.26	0.91	8.93	3.64
1980	—	1.50	1.50	3.06	7.00	6.46	6.40	9.91	3.27	6.89	8.02	0.45	1.95	4.52	1.38	12.75	7.26
1985	—	1.88	1.88	5.25	R 6.63	5.66	R 9.62	8.76	4.13	7.97	7.55	0.72	2.22	4.60	1.73	17.09	R 8.35
1986	—	1.81	1.81	4.95	R 5.49	3.51	R 8.94	6.29	2.23	6.14	R 5.73	0.84	1.95	3.87	1.71	16.91	R 7.33
1987	—	1.79	1.79	4.78	R 5.74	3.77	8.87	6.66	2.90	5.65	5.97	0.94	1.86	3.85	1.63	17.44	R 7.47
1988	—	1.75	1.75	4.72	R 5.39	3.54	R 8.49	6.51	2.29	5.38	R 5.75	1.01	1.86	3.79	1.61	18.29	R 7.46
1989	—	1.75	1.75	4.77	R 5.88	4.12	9.23	7.12	2.61	5.89	6.39	1.00	R e 1.26	R e 3.78	1.53	18.70	R e 7.55
1990	—	1.79	1.79	4.80	R 7.22	5.45	R 10.34	8.24	2.52	R 5.57	R 7.35	0.87	R 1.06	R 4.12	1.53	19.25	R 8.26
1991	—	1.80	1.80	4.65	R 6.83	4.61	R 10.78	7.95	2.11	R 5.69	R 7.13	0.73	R 1.21	R 4.04	1.47	19.29	R 8.15
1992	—	1.80	1.80	4.69	R 6.52	4.39	R 9.11	7.66	2.55	R 5.50	R 6.75	0.59	R 1.21	R 3.91	1.40	19.60	R 8.03
1993	—	1.78	1.78	5.18	R 6.41	4.13	R 8.93	7.55	2.16	R 5.24	R 6.63	0.54	R 1.19	R 3.99	1.40	19.71	R 8.12
1994	—	1.70	1.70	5.22	R 6.41	3.80	R 10.16	7.58	2.38	R 5.32	R 6.66	0.58	R 1.19	R 3.93	1.34	19.31	R 8.06
1995	—	1.68	1.68	R 4.51	R 6.36	3.80	10.19	7.84	2.50	R 5.52	R 6.82	0.55	R 1.25	R 3.84	R 1.33	19.44	R 7.97
1996	—	1.59	1.59	R 5.29	R 7.12	4.58	R 11.46	8.35	2.98	R 5.99	R 7.45	0.51	R 1.05	R 4.22	1.26	18.89	R 8.38
1997	—	1.60	1.60	R 5.53	R 6.83	4.33	R 11.30	8.15	R 2.94	R 5.77	R 7.29	R 0.49	R 1.01	R 4.08	R 1.28	18.72	R 8.35
1998	—	1.56	1.56	R 4.92	R 5.79	3.21	R 10.50	6.92	2.12	R 5.22	R 6.22	R 0.47	R 1.31	R 3.62	R 1.28	18.81	R 7.97
1999	—	1.56	1.56	R 3.59	R 6.32	3.67	R 10.75	7.79	R 2.57	R 5.27	R 6.88	0.46	R 1.45	R 3.74	R 1.27	18.32	R 8.06
2000	—	1.55	1.55	R 6.24	R 8.93	6.38	R 14.37	10.38	R 4.40	R 6.42	R 9.47	0.45	R 1.56	R 5.06	R 1.36	18.25	R 9.87
2001	—	1.68	1.68	7.56	8.24	5.63	15.01	9.63	3.45	6.07	8.85	0.44	1.67	5.08	1.34	18.77	10.08
	Expenditures in Million Nominal Dollars																
1970	—	76.0	76.0	195.4	79.1	42.8	56.5	795.3	24.5	72.4	1,070.5	—	23.5	1,365.5	-88.1	491.7	1,769.1
1975	—	295.7	295.7	336.1	254.0	147.4	108.2	1,628.9	115.5	142.2	2,396.2	4.3	29.0	3,061.4	-372.6	1,265.9	3,954.7
1980	—	784.2	784.2	970.9	792.6	598.1	175.0	3,409.4	185.0	478.0	5,638.0	41.7	37.7	7,472.5	-837.7	2,227.3	8,862.0
1985	—	1,359.8	1,359.8	1,467.5	R 949.1	518.0	R 234.8	3,356.9	285.0	479.5	R 5,823.4	78.0	54.3	R 8,783.0	-1,378.5	3,690.1	R 11,094.6
1986	—	1,249.3	1,249.3	1,370.2	R 796.1	351.4	R 205.7	2,543.7	46.8	420.7	R 4,364.4	64.6	51.2	R 7,099.7	-1,255.2	3,916.6	R 9,761.1
1987	—	R 1,268.4	R 1,268.4	1,437.2	R 901.0	419.2	R 205.0	2,803.0	53.7	399.5	R 4,781.6	149.8	46.8	R 7,683.8	-1,342.3	4,236.8	R 10,578.3
1988	—	1,220.6	1,220.6	1,508.1	R 904.3	405.8	R 205.3	2,855.4	40.8	385.4	R 4,796.9	162.4	48.9	R 7,736.9	-1,303.1	4,608.9	R 11,042.7
1989	—	R 1,164.7	R 1,164.7	1,489.8	R 961.3	405.7	R 245.9	3,123.9	R 38.5	376.4	R 5,151.8	264.0	R e 164.0	R e 8,234.2	R -1,351.1	4,885.2	R e 11,768.3
1990	—	R 1,274.9	R 1,274.9	1,466.3	R 1,216.0	567.9	R 220.1	3,601.0	R 50.6	R 424.4	R 6,080.1	227.9	R 124.8	R 9,174.1	R -1,416.4	5,254.2	R 13,011.9
1991	—	R 1,155.8	R 1,155.8	1,471.1	R 1,102.9	375.5	R 259.6	3,494.9	R 32.5	R 454.1	R 5,719.6	200.3	R 144.5	R 8,691.3	R -1,270.3	5,318.1	R 12,739.1
1992	—	R 1,103.4	R 1,103.4	1,575.5	R 1,045.2	307.3	R 235.4	3,376.0	R 97.2	R 448.6	R 5,509.9	173.1	R 143.9	R 8,505.8	R -1,204.8	5,528.7	R 12,829.7
1993	—	R 1,167.7	R 1,167.7	R 1,788.6	R 1,152.4	354.0	R 242.4	3,691.6	R 65.5	R 451.9	R 5,957.9	154.2	R 154.6	R 9,223.0	R -1,264.5	5,947.5	R 13,906.1
1994	—	R 1,165.3	R 1,165.3	R 1,759.3	R 1,160.4	364.4	R 274.1	3,706.8	R 61.8	R 458.2	R 6,025.7	176.3	R 156.9	R 9,283.5	R -1,265.0	5,872.8	R 13,891.4
1995	—	R 1,211.9	R 1,211.9	R 1,660.2	R 1,265.6	397.5	R 264.5	3,991.4	R 52.5	R 475.2	R 6,446.8	176.0	R 211.7	R 9,706.5	R -1,340.6	6,328.7	R 14,694.6
1996	—	R 1,149.1	R 1,149.1	R 1,991.0	R 1,674.9	448.8	R 307.0	4,401.7	R 73.4	R 470.7	R 7,376.5	159.3	R 178.4	R 10,854.3	R -1,255.1	6,481.6	R 16,080.8
1997	—	R 1,227.1	R 1,227.1	R 2,019.7	R 1,436.5	374.3	R 317.0	4,314.2	R 66.1	R 456.1	R 6,964.1	R 156.6	R 183.6	R 10,551.1	R -1,352.2	6,483.9	R 15,682.8
1998	—	R 1,197.1	R 1,197.1	R 1,783.1	R 1,262.3	275.2	R 232.4	3,855.3	R 25.4	R 447.4	R 6,098.0	R 154.7	R 224.5	R 9,457.4	R -1,401.6	7,051.0	R 15,106.8
1999	—	R 1,220.0	R 1,220.0	R 1,181.5	R 1,494.6	318.4	R 266.8	4,464.3	R 29.5	R 520.6	R 7,094.2	R 152.8	R 248.6	R 9,897.2	R -1,398.9	6,988.9	R 15,487.2
2000	—	R 1,269.3	R 1,269.3	R 2,521.9	R 2,211.8	471.8	R 467.6	6,011.1	R 63.1	R 541.5	R 9,766.9	R 154.0	R 257.0	R 13,969.0	R -1,573.3	7,368.4	R 19,764.1
2001	—	1,293.6	1,293.6	2,615.6	2,178.9	316.1	358.4	5,699.1	26.9	492.7	9,072.2	155.8	232.9	13,370.0	-1,492.8	7,484.0	19,361.3

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Georgia

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.00	1.02	1.24	1.48	2.35	2.22	0.73	1.19	5.18	2.28
1975	3.23	1.46	2.61	3.35	4.40	4.20	1.45	1.87	9.01	4.27
1980	3.12	3.57	6.92	8.77	7.64	7.53	3.70	4.16	13.85	7.78
1985	3.31	6.42	7.51	6.84	9.23	R 8.81	R 4.19	6.67	18.91	R 11.79
1986	3.00	6.46	5.43	6.73	9.26	R 8.53	R 3.36	R 6.57	19.67	R 12.26
1987	2.96	6.18	5.45	8.10	9.23	R 8.66	3.20	6.37	19.80	R 12.05
1988	2.95	6.07	5.54	8.77	8.36	R 8.09	3.23	6.19	20.58	R 12.15
1989	3.05	6.09	5.34	8.20	10.21	R 9.62	3.57	6.46	21.18	R 12.73
1990	3.10	6.64	6.70	8.66	10.17	R 9.69	3.53	6.88	21.87	R 13.99
1991	2.94	6.52	6.25	9.25	10.57	R 10.17	R 3.38	6.82	21.98	R 13.81
1992	2.92	6.28	6.01	9.14	8.07	R 7.96	R 3.09	6.33	22.66	R 13.48
1993	3.10	6.62	6.07	6.93	8.09	R 7.86	3.02	6.60	22.84	13.86
1994	3.10	7.11	3.84	8.81	11.62	R 11.20	2.93	R 7.40	22.62	R 14.38
1995	3.00	6.02	4.36	8.28	11.63	R 11.06	2.87	6.43	23.01	14.11
1996	2.94	6.54	7.16	9.06	13.01	R 12.50	3.29	7.02	22.44	14.05
1997	2.95	7.21	7.06	8.47	12.72	R 12.38	3.27	7.69	22.69	R 14.78
1998	2.99	6.60	3.50	7.48	11.57	11.01	2.84	6.97	22.48	15.05
1999	2.96	4.26	6.71	7.77	11.90	11.46	2.92	R 5.16	22.17	14.28
2000	2.99	R 8.23	9.73	8.40	16.13	15.51	4.38	R 8.90	22.27	R 15.27
2001	3.31	10.23	9.00	10.01	17.30	16.51	4.17	10.61	22.64	16.82
	Expenditures in Million Nominal Dollars									
1970	1.7	91.6	1.8	1.0	36.9	39.7	3.2	136.1	220.7	356.8
1975	1.2	130.5	4.5	0.7	63.7	68.9	6.5	207.0	505.9	712.9
1980	0.4	332.0	23.3	4.5	99.7	127.6	15.9	475.8	946.6	1,422.5
1985	R 0.7	555.0	R 17.3	10.0	131.3	R 158.6	R 28.5	R 742.8	1,516.4	R 2,259.1
1986	0.1	591.3	R 12.8	7.7	119.6	R 140.2	22.2	R 753.8	1,732.3	R 2,486.1
1987	0.6	638.0	R 12.4	6.0	124.9	R 143.3	18.0	R 800.0	1,823.2	R 2,623.2
1988	0.4	672.5	R 9.5	10.2	113.6	R 133.4	18.9	R 825.3	1,939.0	R 2,764.3
1989	0.2	648.0	R 9.2	8.2	153.9	R 171.4	R 21.6	R 841.3	2,049.0	R 2,890.3
1990	0.3	615.6	R 11.6	5.5	125.3	R 142.3	19.9	R 778.2	2,233.3	R 3,011.5
1991	0.1	647.6	R 7.5	5.9	139.5	R 152.9	20.1	R 820.8	2,264.0	R 3,084.8
1992	0.5	696.9	R 7.2	5.6	117.5	R 130.4	R 19.4	R 847.1	2,360.6	R 3,207.7
1993	0.3	786.5	R 8.9	5.4	122.3	R 136.6	20.6	R 943.9	2,639.6	R 3,583.5
1994	0.3	771.8	R 2.8	4.0	178.1	R 184.9	19.6	R 976.6	2,527.0	R 3,503.6
1995	0.6	708.7	R 4.2	5.9	168.6	R 178.7	21.3	R 909.3	2,811.1	R 3,720.4
1996	(s)	850.0	R 6.3	7.4	191.4	R 205.1	24.4	R 1,079.6	2,891.7	R 3,971.3
1997	0.1	847.6	R 3.2	6.5	201.8	R 211.5	17.6	R 1,076.8	2,851.7	R 3,928.5
1998	0.1	728.2	1.9	7.3	157.6	166.8	13.8	908.8	3,185.2	R 4,094.0
1999	0.2	431.7	2.1	10.6	176.6	189.4	15.2	R 636.3	3,158.8	3,795.2
2000	0.1	1,180.2	R 4.1	R 9.4	271.8	285.3	23.8	1,489.4	3,386.3	R 4,875.6
2001	0.1	1,269.3	3.2	10.3	205.3	218.8	19.4	1,507.5	3,427.7	4,935.2

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Georgia

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.50	0.72	0.97	0.63	1.58	2.80	0.32	1.44	0.73	0.85	5.85	2.62
1975	1.31	1.07	2.25	2.22	2.83	4.73	1.73	2.85	1.45	1.36	10.79	4.97
1980	1.60	3.12	6.31	6.06	5.27	9.91	3.44	7.00	3.70	3.47	14.64	7.68
1985	1.82	5.57	6.10	6.84	10.13	8.76	4.20	R 6.62	4.19	R 5.79	19.94	R 12.14
1986	1.76	5.46	3.79	6.73	8.51	6.29	2.46	R 4.25	3.36	R 5.14	18.17	R 11.29
1987	1.75	5.26	4.11	8.10	8.36	6.66	2.90	R 4.61	3.20	R 5.07	19.81	R 12.00
1988	1.75	5.32	3.72	8.77	8.65	6.51	2.37	R 4.43	3.23	R 5.08	20.90	R 12.70
1989	1.73	5.33	4.36	8.20	7.95	7.12	2.72	R 5.45	3.57	5.34	21.33	R 13.77
1990	1.79	5.61	5.47	8.66	10.56	8.24	3.04	R 6.76	3.53	R 5.82	21.57	R 14.49
1991	1.79	5.52	4.93	9.25	11.01	7.95	2.26	R 6.90	3.38	R 5.72	21.68	R 14.74
1992	1.80	5.41	4.72	9.14	10.44	7.66	2.40	R 6.54	3.09	R 5.56	22.10	R 14.67
1993	1.80	5.68	4.51	6.93	9.98	7.55	2.47	R 6.08	3.02	R 5.69	21.93	R 14.76
1994	1.82	6.00	4.27	8.81	9.23	7.58	2.54	R 6.07	2.93	R 5.95	21.64	R 15.00
1995	1.77	5.07	4.27	8.28	9.49	7.84	2.76	R 5.58	2.87	R 5.07	21.60	R 14.64
1996	1.76	5.76	5.14	9.06	10.72	8.35	3.15	R 6.76	3.29	5.87	21.21	R 14.84
1997	1.79	6.26	4.97	8.47	10.96	8.15	3.04	R 7.41	3.27	6.39	21.05	15.19
1998	1.78	5.84	3.90	7.48	10.23	6.92	2.34	R 6.31	2.84	5.85	20.76	15.39
1999	1.76	3.77	4.41	7.77	9.97	7.79	2.66	6.08	2.92	4.18	19.75	R 14.81
2000	1.65	6.90	7.24	8.40	12.95	10.38	4.76	R 9.03	4.38	7.21	19.28	R 14.99
2001	1.89	8.88	6.40	10.01	13.85	9.63	3.72	7.88	4.17	8.63	19.60	16.01
	Expenditures in Million Nominal Dollars											
1970	0.7	28.6	4.0	0.1	4.4	5.1	0.2	13.9	0.1	43.3	163.1	206.4
1975	1.1	54.2	11.2	0.1	7.2	9.2	0.9	28.6	0.1	84.0	413.2	497.2
1980	0.7	189.1	11.6	0.4	12.1	18.9	0.2	43.2	0.4	233.4	597.5	830.9
1985	R 1.3	295.1	R 61.3	1.8	25.5	14.2	12.4	R 115.1	0.8	R 412.4	1,157.1	R 1,569.5
1986	0.3	282.6	R 24.4	2.8	19.4	11.9	16.1	R 74.6	0.7	R 358.1	1,131.4	R 1,489.5
1987	R 1.2	294.8	R 27.4	1.6	20.0	14.3	18.2	R 81.4	0.6	R 378.1	1,311.3	R 1,689.4
1988	R 0.9	305.0	R 29.8	1.1	20.8	15.5	11.4	R 78.6	0.7	R 385.2	1,475.0	R 1,860.2
1989	0.4	290.4	R 27.5	3.4	21.1	15.1	4.4	R 71.5	0.8	R 363.1	1,619.3	R 1,982.5
1990	0.8	285.0	R 48.1	3.1	23.0	22.5	1.3	R 97.9	1.3	R 385.1	1,745.6	R 2,130.7
1991	0.3	289.4	R 28.6	2.8	25.6	13.8	0.3	R 71.2	1.3	R 362.1	1,781.9	R 2,144.1
1992	1.4	298.9	R 33.2	1.9	26.8	16.7	0.1	R 78.7	1.3	R 380.3	1,854.8	R 2,235.0
1993	0.8	335.4	R 31.7	2.5	26.7	2.6	0.1	R 63.6	1.7	R 401.4	1,958.1	R 2,359.6
1994	1.1	334.0	R 28.7	7.4	25.0	6.8	0.1	R 68.0	1.6	R 404.8	2,004.8	R 2,409.6
1995	2.3	294.0	R 36.2	1.7	24.3	2.5	0.2	R 64.8	1.6	R 362.7	2,121.8	R 2,484.5
1996	0.1	361.5	R 34.6	1.6	27.8	2.7	0.2	R 67.0	2.0	R 430.6	2,190.9	R 2,621.5
1997	0.7	367.9	R 25.2	1.3	30.7	26.8	0.1	R 84.1	1.9	R 454.6	2,251.6	R 2,706.2
1998	0.4	332.5	R 16.3	1.2	24.6	5.6	(s)	R 47.6	1.7	R 382.2	2,409.9	R 2,792.2
1999	0.7	168.7	R 31.1	1.6	26.1	5.8	(s)	R 64.6	1.9	R 235.8	2,394.6	R 2,630.4
2000	0.3	R 413.3	R 52.2	2.0	38.5	12.1	R 0.1	R 104.8	2.9	R 521.3	2,528.4	R 3,049.7
2001	0.5	465.4	60.0	3.5	29.0	3.9	(s)	96.4	2.1	564.4	2,633.1	3,197.6

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Georgia

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.50	0.50	0.40	0.76	0.58	0.63	1.58	5.08	2.80	0.40	2.53	0.81	1.46	0.63	2.91	0.88
1975	—	1.31	1.31	0.82	1.74	2.05	2.22	2.83	7.48	4.73	1.69	3.33	2.23	1.46	1.43	7.33	2.26
1980	—	1.60	1.60	2.75	3.72	5.44	6.06	5.27	14.36	9.91	3.44	8.56	5.36	1.43	3.70	10.43	4.83
1985	—	1.82	1.82	4.41	4.97	6.36	6.55	10.13	17.61	8.76	4.20	9.22	6.14	1.43	R 4.72	13.09	6.26
1986	—	1.76	1.76	3.80	4.19	4.34	4.74	8.51	15.59	6.29	2.46	6.42	R 5.29	1.45	3.89	12.95	R 5.82
1987	—	1.75	1.75	3.57	3.21	4.43	4.47	8.36	13.58	6.66	2.90	7.16	R 5.10	1.45	R 3.69	13.01	R 5.64
1988	—	1.75	1.75	3.52	3.15	4.06	4.18	8.65	14.62	6.51	2.37	6.11	R 4.79	1.45	3.54	13.68	R 5.64
1989	—	1.73	1.73	3.64	2.85	4.87	5.16	7.95	14.48	7.12	2.72	7.32	R 5.27	R d 1.14	R d 3.11	13.72	R d 4.90
1990	—	1.79	1.79	3.50	2.86	5.83	6.64	10.56	14.60	8.24	3.04	R 7.16	R 5.48	R 0.93	R 3.19	14.16	R 5.01
1991	—	1.79	1.79	3.25	3.18	5.26	5.73	11.01	16.80	7.95	2.26	R 5.77	R 5.49	R 1.09	R 3.13	14.02	R 4.96
1992	—	1.80	1.80	3.41	2.38	4.99	4.92	10.44	18.32	7.66	2.40	R 5.63	R 5.05	R 1.09	R 3.14	13.94	R 4.99
1993	—	1.80	1.80	3.99	2.63	4.81	4.65	9.98	18.96	7.55	2.47	R 4.97	R 4.86	R 1.08	R 3.26	13.89	R 5.11
1994	—	1.82	1.82	3.79	2.68	4.64	4.69	7.89	19.11	7.58	2.54	R 4.88	R 4.68	R 1.09	R 3.12	13.39	R 4.91
1995	—	1.77	1.77	3.46	3.04	4.50	4.38	8.00	19.41	7.84	2.76	R 5.12	R 4.88	R 1.17	R 2.96	13.24	R 4.67
1996	—	1.76	1.76	4.30	3.13	5.40	5.45	9.25	20.08	8.35	3.15	R 5.86	R 5.40	R 0.94	R 3.31	12.57	R 4.92
1997	—	1.79	1.79	R 4.43	3.13	5.14	5.08	9.03	17.98	8.15	3.04	R 5.43	R 5.23	R 0.94	R 3.22	12.10	R 4.79
1998	—	1.78	1.78	3.82	3.28	4.09	3.70	8.22	19.07	6.92	2.34	R 4.11	R 4.58	R 1.26	R 2.96	12.39	R 4.74
1999	—	1.76	1.76	3.32	3.43	4.66	4.03	8.57	16.75	7.79	2.66	R 5.08	R 4.93	R 1.40	R 3.01	12.16	R 4.72
2000	—	1.65	1.65	R 4.74	3.64	7.54	8.10	12.30	17.99	10.38	4.76	R 6.62	R 6.96	R 1.45	R 4.01	12.03	R 5.55
2001	—	1.89	1.89	5.69	3.70	6.80	7.51	12.42	19.00	9.63	3.72	5.82	6.59	1.58	4.37	12.55	5.97
	Expenditures in Million Nominal Dollars																
1970	—	6.0	6.0	58.0	19.7	13.5	1.1	14.5	14.6	1.8	21.0	12.4	98.6	20.3	182.8	107.9	290.8
1975	—	13.3	13.3	122.1	48.4	42.2	2.5	36.2	27.7	1.5	66.2	32.4	257.1	22.4	414.9	346.8	761.7
1980	—	26.5	26.5	440.0	118.2	126.4	15.4	61.7	55.0	1.4	115.4	212.9	706.5	21.4	1,194.4	682.6	1,877.0
1985	—	70.1	70.1	613.4	151.2	R 148.6	2.4	70.0	61.4	57.5	249.9	182.0	R 923.0	25.1	R 1,631.6	1,013.9	R 2,645.6
1986	—	77.7	77.7	484.3	156.7	R 110.5	1.7	60.6	53.2	38.3	19.5	135.9	R 576.3	28.3	R 1,166.7	1,049.8	R 2,216.5
1987	—	84.7	84.7	501.3	127.4	R 105.3	1.4	56.0	52.4	42.7	22.7	151.4	R 559.2	28.2	R 1,173.4	1,097.7	R 2,271.1
1988	—	91.6	91.6	526.1	126.4	R 91.9	2.6	66.4	54.3	39.4	21.4	129.2	R 531.6	29.3	R 1,178.7	1,189.8	R 2,368.6
1989	—	88.0	88.0	549.2	93.9	R 124.7	1.9	67.3	55.2	48.6	R 24.0	151.1	R 566.6	R d 141.5	R d 1,345.3	1,211.1	R d 2,556.4
1990	—	99.6	99.6	559.8	121.2	R 163.2	0.9	67.7	57.3	55.8	R 32.6	R 171.2	R 669.8	R 103.6	R 1,432.8	1,269.2	R 2,702.0
1991	—	93.4	93.4	531.8	109.6	R 120.6	0.9	89.9	59.0	49.0	R 17.9	R 210.3	R 657.1	R 123.1	R 1,405.3	1,265.8	R 2,671.2
1992	—	79.8	79.8	576.4	77.3	R 93.4	0.3	86.8	65.6	49.2	R 40.1	R 226.7	R 639.4	R 123.3	R 1,418.9	1,307.0	R 2,725.9
1993	—	76.9	76.9	656.4	93.0	R 114.1	0.6	89.0	69.1	28.2	R 32.8	R 206.9	R 633.7	R 132.4	R 1,499.4	1,343.5	R 2,842.9
1994	—	87.4	87.4	648.6	93.3	R 103.7	0.4	63.5	72.8	30.8	R 35.4	R 202.7	R 602.6	R 135.5	R 1,474.1	1,333.5	R 2,807.6
1995	—	86.0	86.0	625.9	111.5	R 127.0	0.9	67.2	72.7	33.9	R 32.0	R 204.9	R 650.1	R 188.5	R 1,550.5	1,387.8	R 2,938.3
1996	—	86.7	86.7	R 762.0	112.8	R 170.4	1.1	83.8	73.0	39.5	R 51.1	R 195.6	R 727.3	R 151.9	R 1,727.9	1,390.4	R 3,118.3
1997	—	90.7	90.7	R 757.2	101.7	R 144.0	0.7	80.4	69.0	37.8	R 45.5	R 202.1	R 681.1	R 163.3	R 1,692.3	1,370.7	R 3,063.0
1998	—	R 87.8	R 87.8	R 612.9	119.5	R 123.7	1.0	49.0	76.6	34.4	R 11.0	R 161.3	R 576.5	R 208.9	R 1,486.2	1,447.0	R 2,933.2
1999	—	86.6	86.6	R 496.5	169.2	R 167.8	0.8	59.4	68.0	39.9	R 11.4	R 197.2	R 713.7	R 231.4	R 1,528.1	1,427.2	R 2,955.3
2000	—	84.1	84.1	R 747.7	136.1	R 280.9	R 1.9	151.3	72.0	53.1	R 26.2	R 244.0	R 965.4	R 230.2	R 2,027.4	1,445.5	R 3,472.9
2001	—	96.6	96.6	761.7	145.9	306.0	1.0	117.8	69.6	117.3	10.3	189.3	957.2	211.3	2,026.7	1,414.1	3,440.9

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Georgia

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.50	—	2.17	1.32	0.73	1.58	5.08	2.80	0.28	2.33	2.33	—	2.33
1975	1.31	—	3.45	3.02	2.03	2.83	7.48	4.73	1.52	4.11	4.11	—	4.11
1980	—	—	9.02	7.48	6.46	5.27	14.36	9.91	2.91	8.73	8.73	10.06	8.73
1985	—	—	9.99	6.74	5.66	R 10.58	17.61	8.76	3.38	7.90	7.90	12.92	7.90
1986	—	—	8.41	5.88	3.51	R 8.88	15.59	6.29	1.67	5.79	5.79	13.59	R 5.80
1987	—	—	7.55	6.09	3.77	R 8.72	13.58	6.66	2.81	6.09	6.09	21.39	6.09
1988	—	—	7.41	5.74	3.54	R 9.03	14.62	6.51	1.95	5.89	5.89	21.42	5.90
1989	—	—	8.28	6.18	4.12	R 8.21	14.48	7.12	2.34	R 6.51	R 6.51	22.70	6.51
1990	—	—	9.32	7.67	5.45	R 10.91	14.60	8.24	1.85	7.66	7.66	23.76	7.67
1991	—	—	8.71	7.21	4.61	R 11.38	16.80	7.95	1.94	7.37	7.37	25.03	7.38
1992	—	—	8.54	6.85	4.39	R 10.79	18.32	7.66	2.65	7.05	7.05	25.50	7.06
1993	—	3.45	8.24	6.80	4.13	R 10.32	18.96	7.55	1.90	6.94	6.94	24.91	R 6.95
1994	—	3.95	7.96	6.81	3.80	R 8.46	19.11	7.58	2.19	R 6.92	R 6.92	25.54	6.92
1995	—	3.76	8.36	6.85	3.80	R 8.79	19.41	7.84	2.17	R 7.09	R 7.09	25.20	7.09
1996	—	3.77	9.29	7.52	4.58	R 9.15	20.08	8.35	2.65	R 7.71	7.70	26.26	7.71
1997	—	4.03	9.39	7.19	4.33	R 8.27	17.98	8.15	R 2.74	7.52	7.52	26.52	7.53
1998	—	3.99	8.11	6.25	3.21	R 8.08	19.07	6.92	1.96	R 6.42	6.41	26.36	6.42
1999	—	3.88	8.81	6.79	3.67	R 10.74	16.75	7.79	R 2.57	R 7.17	R 7.17	24.81	R 7.17
2000	—	5.01	R 10.87	9.31	6.38	R 14.14	17.99	10.38	R 4.11	9.79	R 9.79	24.95	9.79
2001	—	6.32	11.01	8.66	5.63	14.64	19.00	9.63	3.23	9.15	9.14	25.08	9.15
	Expenditures in Million Nominal Dollars												
1970	(s)	—	6.6	59.6	42.8	0.6	16.9	788.3	0.3	915.2	915.2	—	915.2
1975	(s)	—	6.9	181.7	147.4	1.1	23.4	1,618.2	4.1	1,982.8	1,982.9	—	1,982.9
1980	—	—	17.6	616.2	598.1	1.5	53.8	3,389.1	54.8	4,731.1	4,731.1	0.6	4,731.6
1985	—	—	10.7	R 714.2	518.0	R 8.1	60.0	3,285.2	21.5	R 4,617.7	R 4,617.7	2.7	R 4,620.4
1986	—	—	10.8	R 644.9	351.4	R 6.1	52.0	2,493.5	7.1	R 3,565.8	R 3,565.8	3.1	R 3,568.9
1987	—	—	8.3	R 752.4	419.2	R 4.2	51.2	2,746.1	8.8	R 3,990.1	R 3,990.1	4.5	R 3,994.6
1988	—	—	8.5	R 766.8	405.8	R 4.5	53.1	2,800.4	5.5	R 4,044.6	R 4,044.6	5.0	R 4,049.7
1989	—	—	8.8	R 791.5	405.7	R 3.5	54.0	3,060.2	R 9.7	R 4,333.5	R 4,333.5	5.7	R 4,339.2
1990	—	—	9.2	R 986.3	567.9	R 4.2	56.0	3,522.8	R 15.2	R 5,161.6	R 5,161.6	6.1	R 5,167.7
1991	—	—	8.0	R 940.8	375.5	R 4.6	57.6	3,432.1	R 14.1	R 4,832.7	R 4,832.7	6.3	R 4,839.0
1992	—	—	7.2	R 906.0	307.3	R 4.3	64.1	3,310.1	R 55.7	R 4,654.7	R 4,654.7	6.3	R 4,661.0
1993	—	R 0.4	7.0	R 989.4	354.0	R 4.4	67.5	3,660.8	R 30.3	R 5,113.4	R 5,113.8	6.2	R 5,120.1
1994	—	R 0.5	6.4	R 1,018.4	364.4	R 7.7	71.2	3,669.2	R 25.4	R 5,162.6	R 5,163.1	7.6	R 5,170.6
1995	—	R 0.6	6.6	R 1,089.3	397.5	R 4.4	71.0	3,955.0	R 18.9	R 5,542.8	R 5,543.4	8.1	R 5,551.5
1996	—	R 0.9	7.9	R 1,448.2	448.8	R 4.0	71.3	4,359.5	R 20.6	R 6,360.3	R 6,361.1	8.6	R 6,369.7
1997	—	R 1.3	7.4	R 1,252.0	374.3	R 4.1	67.4	4,249.6	R 19.1	R 5,973.8	R 5,975.1	9.9	R 5,985.0
1998	—	R 1.4	5.6	R 1,093.7	275.2	1.2	74.9	3,815.3	R 11.2	R 5,277.2	R 5,278.6	8.8	R 5,287.4
1999	—	R 1.7	6.6	R 1,269.4	318.4	R 4.7	66.5	4,418.6	R 12.2	R 6,096.3	R 6,098.0	8.3	R 6,106.3
2000	—	R 2.3	R 5.8	R 1,834.1	471.8	R 6.0	70.3	5,946.0	R 21.3	R 8,355.3	R 8,357.6	8.2	R 8,365.8
2001	—	3.4	5.1	1,788.6	316.1	6.3	68.0	5,577.9	13.2	7,775.2	7,778.6	9.0	7,787.6

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Georgia (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.38	0.29	0.31	0.39	—	0.31	—	—	—	—	0.35
1975	0.93	0.71	1.74	2.30	—	1.85	0.13	—	—	—	0.91
1980	1.50	2.56	3.47	6.22	—	4.48	0.45	—	—	—	1.38
1985	1.88	4.31	3.59	5.65	—	5.22	0.72	—	—	—	1.73
1986	1.81	2.00	1.82	3.46	—	2.32	0.84	—	—	—	1.71
1987	1.79	3.72	3.09	3.90	—	3.42	0.94	—	—	—	1.63
1988	1.75	2.73	2.24	3.39	—	2.95	1.01	—	—	—	1.61
1989	1.75	3.16	2.77	4.52	—	4.37	1.00	—	—	—	1.53
1990	1.79	2.97	2.18	5.44	—	4.26	0.87	—	—	—	1.53
1991	1.80	2.76	2.22	4.74	—	4.49	0.73	—	—	—	1.47
1992	1.80	2.82	3.05	4.66	—	4.22	0.59	—	—	—	1.40
1993	1.78	3.24	2.15	4.24	—	3.50	0.54	0.55	—	—	1.40
1994	1.69	3.21	2.26	3.96	—	3.65	0.58	0.56	—	—	1.34
1995	1.67	2.72	2.15	3.98	—	3.56	0.55	0.70	—	—	1.33
1996	1.58	2.81	2.67	4.75	—	4.46	0.51	0.59	—	—	1.26
1997	1.59	2.65	2.79	4.54	—	4.26	0.49	0.50	—	—	1.28
1998	1.55	3.16	2.04	3.28	—	3.08	0.47	0.61	—	—	1.28
1999	1.55	2.49	2.43	3.90	—	3.48	0.46	0.67	—	—	1.27
2000	1.54	4.18	4.25	6.91	—	5.89	0.45	0.67	—	—	1.36
2001	1.66	3.28	3.56	6.68	—	5.95	0.44	0.47	—	—	1.34
	Expenditures in Million Nominal Dollars										
1970	67.7	17.3	3.0	0.1	—	3.1	—	—	—	—	88.1
1975	280.1	29.3	44.3	14.4	—	58.7	4.3	—	—	—	372.6
1980	756.7	9.7	14.6	15.1	—	29.7	41.7	—	—	—	837.7
1985	1,287.7	3.9	1.3	7.7	—	9.0	78.0	—	—	—	1,378.5
1986	1,171.2	11.9	4.1	3.4	—	7.5	64.6	—	—	—	1,255.2
1987	1,181.8	3.1	4.0	3.5	—	7.5	149.8	—	—	—	1,342.3
1988	1,127.6	4.4	2.5	6.2	—	8.7	162.4	—	—	—	1,303.1
1989	1,076.1	2.2	0.5	8.4	—	8.9	264.0	—	—	—	1,351.1
1990	1,174.2	5.9	1.6	6.9	—	8.5	227.9	—	—	—	1,416.4
1991	1,062.0	2.4	0.3	5.3	—	5.6	200.3	—	—	—	1,270.3
1992	1,021.6	3.4	1.3	5.4	—	6.7	173.1	—	—	—	1,204.8
1993	1,089.6	10.0	2.3	8.3	—	10.6	154.2	(s)	—	—	1,264.5
1994	1,076.5	4.4	0.9	6.9	—	7.7	176.3	0.1	—	—	1,265.0
1995	1,123.0	31.0	1.5	9.0	—	10.4	176.0	0.2	—	—	1,340.6
1996	1,062.2	16.6	1.4	15.5	—	16.9	159.3	0.1	—	—	1,255.1
1997	1,135.6	45.7	1.4	12.1	—	13.6	156.6	0.8	—	—	1,352.2
1998	1,108.8	108.1	3.1	26.7	—	29.9	154.7	0.1	—	—	1,401.6
1999	1,132.7	83.1	6.0	24.2	—	30.1	152.8	0.2	—	—	1,398.9
2000	1,184.8	178.4	15.6	40.6	—	56.2	154.0	0.1	—	—	1,573.3
2001	1,196.5	115.8	3.4	21.1	—	24.6	155.8	0.1	—	—	1,492.8

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Hawaii

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	—	—	—	1.04	0.73	2.53	3.32	0.40	1.26	1.09	—	1.07	1.09	0.41	6.98	1.74
1975	—	—	—	—	2.30	2.04	3.77	5.44	1.59	2.85	2.53	—	1.54	2.53	1.58	12.80	3.97
1980	—	—	—	13.06	6.58	6.21	6.32	10.81	3.80	6.75	6.19	—	4.06	6.25	3.97	22.01	8.70
1985	—	2.30	2.30	14.20	7.86	6.21	R 13.89	11.14	4.81	7.50	R 6.79	—	3.79	6.82	4.94	29.81	10.22
1986	—	2.36	2.36	11.96	6.29	4.36	R 13.09	9.63	2.83	7.48	5.05	—	4.06	5.12	2.98	23.66	8.46
1987	—	1.95	1.95	11.89	R 6.04	4.30	R 12.86	9.47	3.41	6.36	R 5.21	—	4.06	R 5.26	3.54	24.49	R 8.65
1988	—	1.80	1.80	11.52	R 6.11	4.04	R 12.70	9.55	2.80	6.46	R 4.82	—	4.06	R 4.88	2.95	22.53	R 7.83
1989	—	1.76	1.76	11.41	R 6.77	4.59	R 15.03	10.42	3.20	6.65	5.38	—	R e 1.37	e 5.37	R 3.31	23.76	R e 8.48
1990	—	R 1.81	R 1.81	12.24	R 7.86	5.99	R 15.68	11.71	R 4.03	6.53	R 6.39	—	R 0.42	R 6.20	R 4.01	26.56	R 9.91
1991	—	R 1.75	R 1.75	14.16	7.87	5.17	R 15.57	10.40	3.21	6.64	R 5.92	—	R 0.77	R 5.77	R 3.18	27.14	R 9.81
1992	—	R 1.36	R 1.36	13.33	R 7.22	4.90	R 14.85	10.95	R 2.83	6.34	R 5.55	—	R 0.75	R 5.34	R 2.94	27.79	R 9.64
1993	—	R 1.35	R 1.35	13.05	R 7.53	4.79	R 10.87	11.09	R 3.00	6.22	R 5.95	—	R 0.75	R 5.52	R 2.92	31.37	R 10.94
1994	—	R 1.37	R 1.37	12.68	R 7.41	4.31	R 11.57	11.32	2.68	6.64	R 5.74	—	R 0.77	R 5.38	R 2.58	31.44	R 10.71
1995	—	R 1.48	R 1.48	13.30	R 7.31	4.44	11.40	11.48	2.98	6.64	R 5.90	—	R 0.89	R 5.45	R 2.78	33.24	R 11.14
1996	—	R 1.55	R 1.55	14.66	R 7.74	5.24	11.27	12.15	3.53	7.11	R 6.65	—	R 0.95	R 6.13	R 3.32	35.65	R 12.98
1997	—	R 1.59	R 1.59	15.88	R 6.44	5.03	25.32	12.26	R 3.64	6.87	R 6.50	—	R 0.82	R 5.99	R 3.23	36.71	R 13.29
1998	—	R 1.46	R 1.46	R 13.71	R 5.82	3.67	23.27	11.98	2.60	7.39	R 5.70	—	R 0.87	R 5.31	R 2.52	33.99	R 11.95
1999	—	R 1.46	R 1.46	R 13.54	R 7.05	4.79	25.51	11.32	3.21	6.72	R 6.09	—	R 0.82	R 5.64	R 3.11	35.21	R 12.49
2000	—	R 1.49	R 1.49	R 16.18	R 9.37	4.34	26.21	13.71	R 4.99	R 5.74	R 7.53	—	R 0.85	R 6.98	R 4.74	41.24	R 14.55
2001	—	1.25	1.25	16.85	9.14	5.87	26.99	14.91	4.79	7.23	8.23	—	0.78	7.57	4.44	41.34	15.41
	Expenditures in Million Nominal Dollars																
1970	—	—	—	—	9.9	58.4	8.5	99.2	24.7	5.9	206.5	—	0.3	206.9	-17.4	87.4	276.9
1975	—	—	—	—	25.6	170.3	10.3	193.5	108.5	12.6	520.8	—	0.5	521.3	-92.4	225.3	654.2
1980	—	—	—	39.4	228.7	492.4	31.1	410.7	308.6	25.4	1,496.8	—	10.0	1,546.2	-275.8	456.9	1,727.3
1985	—	2.6	2.6	38.1	R 207.1	462.1	6.6	444.4	395.4	27.1	R 1,542.6	—	11.9	R 1,595.2	-342.5	654.7	R 1,907.4
1986	—	0.9	0.9	32.0	R 168.7	248.5	5.9	398.5	250.6	28.0	R 1,100.2	—	5.6	R 1,138.8	-215.9	538.6	R 1,461.5
1987	—	3.1	3.1	33.1	R 129.0	277.1	7.3	407.0	287.8	28.5	R 1,136.7	—	5.6	R 1,178.5	-269.6	570.6	R 1,479.6
1988	—	2.2	2.2	32.4	R 199.9	271.7	8.1	425.3	293.7	27.8	R 1,226.6	—	5.8	R 1,267.1	-240.5	565.5	R 1,592.1
1989	—	1.4	1.4	33.2	R 226.4	341.8	10.1	479.0	R 338.9	26.5	R 1,422.7	—	R e 6.0	R e 1,463.2	R -283.6	629.6	R e 1,809.2
1990	—	1.3	1.3	36.5	R 297.0	425.3	9.9	533.4	R 468.5	29.3	R 1,763.3	—	R 4.9	R 1,806.0	R -422.5	732.9	R 2,116.4
1991	—	R 1.9	R 1.9	41.2	R 330.2	323.4	10.9	490.1	R 303.1	29.5	R 1,487.3	—	R 8.8	R 1,539.1	R -279.9	768.9	R 2,028.2
1992	—	R 9.2	R 9.2	38.5	R 261.2	276.6	R 31.9	510.0	R 310.4	29.6	R 1,419.8	—	R 8.3	R 1,475.8	R -290.9	802.4	R 1,987.4
1993	—	R 21.0	R 21.0	37.2	R 259.8	241.2	19.6	527.7	R 254.6	28.3	R 1,331.2	—	R 8.2	R 1,397.6	R -284.7	903.5	R 2,016.5
1994	—	R 21.6	R 21.6	37.0	R 272.8	231.5	41.4	553.3	R 248.1	29.1	R 1,376.3	—	R 7.4	R 1,442.2	R -256.9	937.3	R 2,122.6
1995	—	R 29.4	R 29.4	38.7	R 246.0	250.5	35.8	563.9	R 266.8	30.7	R 1,393.8	—	R 9.4	R 1,471.3	R -285.3	1,017.7	R 2,203.7
1996	—	R 31.5	R 31.5	41.4	R 222.9	299.9	R 40.1	594.1	R 269.1	29.2	R 1,455.3	—	R 8.5	R 1,536.8	R -346.4	1,119.5	R 2,309.9
1997	—	R 32.6	R 32.6	42.2	R 173.7	291.4	22.0	597.9	R 268.3	26.6	R 1,379.8	—	R 7.2	R 1,461.8	R -336.0	1,152.3	R 2,278.1
1998	—	R 26.6	R 26.6	38.0	R 150.6	207.7	68.0	583.5	R 211.9	24.7	R 1,246.3	—	R 7.4	R 1,318.3	R -258.7	1,053.5	R 2,113.0
1999	—	R 25.8	R 25.8	R 38.4	R 218.0	257.1	34.6	527.9	R 257.1	22.1	R 1,316.9	—	R 7.8	R 1,388.9	R -323.2	1,106.5	R 2,172.3
2000	—	R 26.3	R 26.3	R 47.2	R 277.8	232.3	52.2	663.7	R 415.5	R 28.0	R 1,669.4	—	R 7.3	R 1,750.1	R -499.2	1,341.2	R 2,592.1
2001	—	21.9	21.9	48.2	321.2	295.9	55.2	754.4	400.1	22.5	1,849.4	—	7.2	1,926.6	-463.7	1,348.7	2,811.5

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Hawaii

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	—	—	1.27	—	4.12	4.11	—	4.11	8.22	7.07
1975	—	—	2.80	—	6.20	6.19	—	6.19	14.59	13.13
1980	—	13.50	6.92	—	11.63	11.61	—	12.48	23.64	20.08
1985	—	16.74	7.57	—	15.04	15.01	—	16.13	33.29	30.90
1986	—	14.82	5.86	—	14.16	14.06	—	14.55	27.17	25.56
1987	—	14.89	5.83	—	14.02	R 13.95	—	R 14.50	27.63	25.90
1988	—	14.55	5.77	—	13.84	R 13.68	—	14.16	25.89	24.35
1989	—	14.50	6.49	—	17.07	17.02	—	15.65	27.19	25.71
1990	—	15.37	7.69	—	17.94	17.90	—	16.47	30.07	28.45
1991	—	21.23	7.48	5.77	18.36	18.31	—	19.93	30.83	29.57
1992	—	16.80	6.91	5.18	17.06	17.05	—	16.98	31.95	28.95
1993	—	16.49	7.26	5.67	16.87	R 16.54	—	R 16.51	35.99	R 34.08
1994	—	16.01	6.82	4.95	21.85	R 21.39	—	R 17.93	36.49	R 34.68
1995	—	16.75	6.79	5.00	24.02	R 23.45	—	R 19.09	39.05	R 37.17
1996	—	18.74	7.49	5.22	24.42	R 24.36	—	21.02	41.79	R 39.81
1997	—	21.11	7.95	4.85	28.19	R 28.12	—	R 25.13	43.37	41.17
1998	—	18.23	6.85	6.51	29.45	29.43	—	27.00	40.50	37.48
1999	—	17.98	7.54	6.46	28.09	R 28.06	—	24.80	41.90	R 39.21
2000	—	20.89	10.45	R 9.57	29.62	R 29.60	—	R 27.31	48.09	44.26
2001	—	21.77	9.81	21.11	30.52	30.50	—	28.24	47.88	44.26
	Expenditures in Million Nominal Dollars									
1970	—	—	(s)	—	7.0	7.0	—	7.0	36.0	43.0
1975	—	—	(s)	—	7.4	7.4	—	7.4	82.8	90.1
1980	—	18.4	(s)	—	18.4	18.4	—	36.8	148.5	185.3
1985	—	11.3	(s)	—	5.5	5.5	—	16.8	213.4	230.2
1986	—	9.3	(s)	—	4.9	4.9	—	14.3	181.9	196.1
1987	—	9.4	(s)	—	6.1	6.2	—	R 15.5	195.4	211.0
1988	—	8.8	0.1	—	6.8	6.8	—	15.7	190.0	205.7
1989	—	8.8	(s)	—	8.8	8.8	—	17.6	208.0	225.6
1990	—	9.3	(s)	—	8.3	8.3	—	17.6	238.4	256.0
1991	—	12.5	(s)	(s)	8.7	8.7	—	21.2	252.0	273.2
1992	—	9.9	(s)	(s)	25.5	25.5	—	35.5	265.8	301.3
1993	—	9.8	0.1	(s)	5.3	5.4	—	15.2	303.2	318.3
1994	—	9.7	R 0.1	(s)	7.1	7.2	—	16.9	318.4	335.3
1995	—	10.1	0.1	(s)	7.5	7.6	—	17.6	347.3	364.9
1996	—	10.7	(s)	(s)	9.4	9.5	—	20.2	381.5	401.7
1997	—	11.2	(s)	(s)	20.2	20.2	—	31.4	394.9	426.3
1998	—	10.3	(s)	(s)	59.9	59.9	—	70.2	364.9	435.2
1999	—	9.9	(s)	(s)	32.4	32.4	—	42.4	384.4	426.8
2000	—	11.7	(s)	R (s)	46.6	46.6	—	58.3	453.6	512.0
2001	—	12.1	(s)	(s)	48.8	48.8	—	60.9	457.8	518.7

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Hawaii

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	—	—	1.12	0.85	0.91	3.32	0.42	1.55	—	1.55	9.92	5.65
1975	—	—	2.60	2.50	1.91	5.44	1.59	3.37	—	3.37	16.50	12.66
1980	—	12.70	6.60	—	3.81	10.81	3.86	6.60	—	8.75	26.40	17.85
1985	—	13.34	5.89	11.07	10.02	11.14	4.60	R 7.07	—	R 10.97	34.41	R 25.74
1986	—	11.08	3.49	4.94	9.42	9.63	2.81	R 4.37	—	R 7.93	27.29	R 19.90
1987	—	11.01	4.12	4.65	8.86	9.47	3.33	R 4.56	—	R 7.24	27.52	R 18.61
1988	—	10.69	3.79	5.04	8.92	9.55	2.71	R 3.12	—	R 4.11	25.60	R 10.44
1989	—	10.59	4.75	5.33	8.41	10.42	3.09	R 3.68	—	R 4.76	26.97	R 12.14
1990	—	11.45	5.57	7.37	9.40	11.71	3.83	R 4.74	—	R 6.25	29.77	R 16.14
1991	—	12.37	5.19	5.77	9.66	10.40	3.11	R 5.56	—	8.05	30.23	R 20.46
1992	—	12.43	4.91	5.18	9.63	10.95	2.84	R 3.81	—	5.42	30.81	R 15.61
1993	—	12.15	5.14	5.67	9.58	11.09	2.92	R 5.18	—	R 8.32	34.21	R 24.44
1994	—	11.80	4.72	4.95	10.50	11.32	2.66	R 3.76	—	R 6.27	34.19	R 21.48
1995	—	12.40	5.01	5.00	10.63	11.48	2.93	R 4.96	—	R 8.53	35.65	R 26.52
1996	—	13.62	5.94	5.22	11.96	12.15	3.51	R 6.32	—	R 10.70	38.05	R 30.36
1997	—	15.31	5.34	4.85	12.16	12.26	3.54	R 5.79	—	R 9.74	38.86	R 29.84
1998	—	13.40	4.08	6.51	10.62	11.98	2.58	R 3.00	—	R 4.36	36.08	R 17.21
1999	—	13.58	5.34	6.46	10.93	11.32	3.04	R 6.11	—	R 9.88	37.33	R 30.00
2000	—	16.51	7.72	9.57	13.78	13.71	4.95	R 8.86	—	R 12.89	43.41	R 35.78
2001	—	17.00	6.79	21.11	15.00	14.91	4.52	9.12	—	13.91	43.57	37.18
	Expenditures in Million Nominal Dollars											
1970	—	—	1.1	0.4	0.3	2.3	0.1	4.2	—	4.2	26.1	30.3
1975	—	—	1.3	0.6	0.4	2.8	0.2	5.3	—	5.3	62.5	67.7
1980	—	21.0	15.3	—	1.1	3.1	0.6	20.0	—	41.0	131.7	172.7
1985	—	26.8	R 4.5	0.1	0.6	2.8	0.6	R 8.6	—	R 35.4	189.3	R 224.7
1986	—	22.7	3.7	0.1	0.6	2.3	1.2	R 7.9	—	R 30.6	170.5	201.0
1987	—	23.7	R 9.8	(s)	0.7	2.2	1.1	R 13.9	—	R 37.6	182.4	R 220.0
1988	—	23.6	R 12.4	(s)	0.8	2.7	30.0	R 45.9	—	R 69.5	181.0	R 250.5
1989	—	24.4	R 13.9	(s)	0.8	2.8	R 28.3	R 45.8	—	R 70.1	198.0	R 268.1
1990	—	27.2	R 14.7	(s)	0.8	3.6	R 19.9	R 39.0	—	R 66.2	228.8	R 295.0
1991	—	28.7	R 18.4	(s)	0.8	2.7	0.4	R 22.3	—	R 51.0	243.0	R 293.9
1992	—	28.6	R 14.3	(s)	2.5	2.6	R 18.8	R 38.1	—	R 66.8	254.1	R 320.8
1993	—	27.4	R 12.4	(s)	0.5	0.6	0.6	R 14.2	—	R 41.6	282.4	R 324.0
1994	—	27.3	R 10.7	(s)	0.6	0.6	R 7.2	R 19.2	—	R 46.5	303.4	R 349.8
1995	—	28.6	R 10.0	(s)	0.6	0.7	R 1.1	R 12.4	—	R 41.0	337.9	R 379.0
1996	—	30.7	R 7.7	(s)	0.8	0.7	0.3	R 9.5	—	R 40.2	366.0	R 406.2
1997	—	27.6	R 12.2	(s)	1.5	0.7	0.2	R 14.7	—	R 42.3	376.3	R 418.6
1998	—	24.7	R 5.0	(s)	3.8	0.7	R 27.6	R 37.1	—	R 61.8	348.8	R 410.6
1999	—	25.1	R 8.1	(s)	2.2	0.7	0.1	R 11.1	—	R 36.1	375.0	R 411.2
2000	—	30.6	R 9.8	(s)	3.8	0.8	0.3	R 14.7	—	R 45.3	458.0	R 503.4
2001	—	30.8	5.4	(s)	4.2	0.9	0.2	10.7	—	41.5	473.4	514.9

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Hawaii

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	—	—	—	0.56	0.74	0.85	0.91	5.08	3.32	0.42	0.43	0.61	4.06	0.62	4.59	1.60
1975	—	—	—	—	1.77	2.22	2.50	1.91	7.48	5.44	1.92	1.31	2.10	4.06	2.11	9.84	4.94
1980	—	—	—	—	3.61	5.49	6.38	3.81	14.36	10.81	3.82	4.04	4.58	4.06	4.52	18.63	8.58
1985	—	2.30	2.30	—	4.47	6.14	6.85	10.02	17.61	11.14	4.60	3.39	R 5.24	4.06	4.86	25.08	R 12.24
1986	—	2.36	2.36	—	4.49	3.82	4.77	9.42	15.59	9.63	2.81	—	3.50	4.06	3.52	18.96	R 8.95
1987	—	1.95	1.95	—	4.24	4.39	4.77	8.86	13.58	9.47	3.33	—	R 4.11	4.06	R 3.91	20.08	R 9.67
1988	—	1.80	1.80	—	3.95	4.04	4.93	8.92	14.62	9.55	2.71	—	R 3.54	4.06	R 3.47	18.20	R 8.70
1989	—	1.76	1.76	—	3.18	4.94	5.46	8.41	14.48	10.42	3.09	—	4.14	R d 1.49	R d 3.39	19.42	R d 10.00
1990	—	1.82	R 1.82	—	3.15	5.64	7.12	9.40	14.60	11.71	3.83	—	R 4.69	R 1.23	R 3.90	22.19	R 10.81
1991	—	1.80	R 1.80	—	3.29	5.32	6.02	9.66	16.80	10.40	3.11	16.33	R 4.29	R 1.32	R 3.61	22.60	R 10.82
1992	—	1.69	R 1.69	—	2.81	5.34	5.12	9.63	18.32	10.95	2.84	24.75	R 4.35	R 1.20	R 3.55	22.96	R 11.21
1993	—	1.73	R 1.73	—	2.94	5.57	5.08	9.58	18.96	11.09	2.92	19.10	R 5.26	R 1.20	R 4.21	26.22	R 12.73
1994	—	2.02	R 2.02	—	3.11	5.19	4.95	10.54	19.11	11.32	2.66	24.75	R 5.82	R 1.23	R 4.79	25.84	R 12.75
1995	—	1.91	R 1.91	—	3.20	5.33	5.21	9.99	19.41	11.48	2.93	23.89	5.68	R 1.19	R 4.24	27.17	R 12.12
1996	—	1.84	R 1.84	—	3.39	6.28	5.95	9.61	20.08	12.15	3.51	22.95	6.76	R 1.40	R 4.81	29.39	R 14.26
1997	—	1.78	R 1.78	10.48	3.46	5.68	5.95	9.22	17.98	12.26	3.54	24.62	R 5.71	R 1.39	R 4.15	30.25	R 15.20
1998	—	1.78	R 1.78	8.18	3.59	4.22	4.12	8.06	19.07	11.98	2.58	20.11	R 6.09	R 1.34	R 4.12	27.59	R 14.94
1999	—	1.73	R 1.73	7.78	3.55	5.22	4.30	8.61	16.75	11.32	3.04	20.54	R 5.41	R 1.01	R 3.47	28.44	R 15.08
2000	—	2.40	R 2.40	9.71	3.45	7.74	8.19	12.53	17.99	13.71	4.95	21.33	R 6.34	R 1.13	R 4.72	34.25	R 18.26
2001	—	2.42	2.42	10.72	3.72	6.88	6.83	13.29	19.00	14.91	4.52	19.26	7.04	1.12	4.46	34.22	19.05
	Expenditures in Million Nominal Dollars																
1970	—	—	—	—	1.4	2.8	0.3	1.2	0.1	0.9	3.5	0.1	10.2	0.1	10.4	25.3	35.7
1975	—	—	—	—	4.4	7.3	0.4	2.4	1.3	1.5	11.7	0.3	29.4	0.3	29.7	80.1	109.8
1980	—	—	—	—	6.8	43.0	0.3	11.3	1.7	2.8	29.4	1.0	96.3	10.0	106.3	176.7	283.0
1985	—	2.6	2.6	—	9.1	R 16.3	(s)	0.2	1.9	6.1	36.0	0.8	R 70.5	11.7	R 84.8	252.0	R 336.7
1986	—	0.9	0.9	—	8.1	R 11.7	(s)	0.2	1.7	5.1	30.3	—	R 57.1	5.6	R 63.7	186.3	R 250.0
1987	—	3.1	3.1	—	11.2	R 16.3	(s)	0.3	1.6	5.4	24.4	—	R 59.1	5.6	R 67.8	192.9	R 260.7
1988	—	2.2	2.2	—	9.2	R 16.5	(s)	0.3	1.7	5.5	25.9	—	R 59.1	5.8	R 67.2	194.5	R 261.6
1989	—	1.4	1.4	—	6.3	R 14.9	(s)	0.3	1.7	7.0	R 18.0	—	R 48.2	R d 6.0	R d 55.5	223.6	R d 279.1
1990	—	1.3	1.3	—	8.0	R 23.7	(s)	0.4	1.8	8.2	R 28.5	—	R 70.6	R 4.9	R 76.7	265.7	R 342.4
1991	—	1.7	R 1.7	—	8.4	R 21.2	(s)	0.9	1.8	8.2	R 23.6	0.8	R 65.0	R 4.9	R 71.6	274.0	R 345.5
1992	—	2.0	R 2.0	—	8.0	R 21.2	(s)	2.5	2.0	8.7	R 16.5	1.3	R 60.4	R 4.6	R 66.9	282.5	R 349.4
1993	—	3.1	R 3.1	—	8.7	R 21.5	(s)	13.4	2.2	14.0	R 12.7	1.1	R 73.5	R 4.1	R 80.7	317.9	R 398.7
1994	—	3.7	R 3.7	—	8.4	R 16.2	(s)	33.1	2.3	14.5	R 12.8	1.4	R 88.7	R 3.7	R 96.2	315.5	R 411.7
1995	—	7.9	R 7.9	—	9.3	R 16.8	(s)	27.5	2.3	14.7	R 14.5	1.4	R 86.5	R 4.8	R 99.1	332.5	R 431.7
1996	—	6.7	R 6.7	—	9.0	R 17.2	(s)	29.7	2.3	16.4	R 9.1	1.6	R 85.2	R 5.6	R 97.6	372.0	R 469.5
1997	—	R 6.7	R 6.7	3.4	9.1	R 20.4	(s)	0.2	2.2	15.5	R 8.1	1.5	R 56.9	R 4.4	R 71.3	381.2	R 452.4
1998	—	R 6.0	R 6.0	R 2.9	7.7	R 14.2	(s)	4.2	2.4	16.6	R (s)	1.2	R 46.4	R 4.1	R 59.4	339.7	R 399.1
1999	—	4.7	R 4.7	R 3.4	8.3	R 12.9	(s)	(s)	2.1	9.2	R 2.8	1.1	R 36.3	R 4.2	R 48.7	347.1	R 395.8
2000	—	5.1	R 5.1	R 4.9	13.8	R 21.1	(s)	1.8	2.2	11.4	R 4.9	1.0	R 56.3	R 3.8	R 70.0	429.5	R 499.5
2001	—	4.4	4.4	5.3	8.4	18.8	(s)	2.2	2.2	9.5	(s)	1.0	42.0	4.9	56.7	417.5	474.2

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Hawaii

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	—	—	2.17	1.37	0.73	0.91	5.08	3.32	0.37	1.34	1.34	—	1.34
1975	—	—	3.45	2.63	2.04	1.91	7.48	5.44	1.37	2.96	2.96	—	2.96
1980	—	—	9.02	7.39	6.21	3.81	14.36	10.81	3.27	7.40	7.40	—	7.40
1985	—	—	9.99	8.53	6.21	R 10.31	17.61	11.14	4.65	7.81	7.81	—	7.81
1986	—	—	8.41	7.31	4.36	R 9.78	15.59	9.63	2.62	6.41	6.41	—	6.41
1987	—	—	7.55	8.21	4.30	R 9.20	13.58	9.47	3.18	R 6.35	R 6.35	—	R 6.35
1988	—	—	7.41	7.95	4.04	R 9.18	14.62	9.55	2.49	R 6.20	R 6.20	—	R 6.20
1989	—	—	8.28	8.73	4.59	R 8.65	14.48	10.42	2.81	R 6.71	R 6.71	—	R 6.71
1990	—	—	9.32	9.69	5.99	R 9.76	14.60	11.71	3.51	R 7.91	R 7.91	—	R 7.91
1991	—	—	8.71	10.11	5.17	R 10.17	16.80	10.40	2.85	7.38	7.38	—	7.38
1992	—	—	8.54	9.63	4.90	R 10.28	18.32	10.95	2.56	R 7.05	R 7.05	—	R 7.05
1993	—	—	8.24	10.21	4.79	R 10.23	18.96	11.09	2.72	R 7.48	R 7.48	—	R 7.48
1994	—	—	7.96	10.15	4.31	R 10.30	19.11	11.32	2.59	R 7.33	R 7.33	—	R 7.33
1995	—	—	8.36	10.27	4.44	R 10.55	19.41	11.48	3.00	R 7.44	R 7.44	—	R 7.44
1996	—	—	9.29	11.02	5.24	R 10.43	20.08	12.15	3.48	R 8.49	R 8.49	—	R 8.49
1997	—	—	9.39	10.75	5.03	R 10.17	17.98	12.26	R 3.56	R 8.37	R 8.37	—	R 8.37
1998	—	—	8.11	10.35	3.67	R 8.94	19.07	11.98	2.47	R 7.58	R 7.58	—	R 7.58
1999	—	—	8.81	9.73	4.79	—	16.75	11.32	R 3.30	R 7.63	R 7.63	—	R 7.63
2000	—	—	R 10.87	12.21	4.34	—	17.99	13.71	R 4.78	R 8.61	R 8.61	—	R 8.61
2001	—	—	11.01	12.57	5.87	16.19	19.00	14.91	4.38	9.88	9.88	—	9.88
	Expenditures in Million Nominal Dollars												
1970	—	—	1.5	5.7	58.4	0.1	2.1	96.0	4.1	167.9	167.9	—	167.9
1975	—	—	2.0	12.7	170.3	0.2	3.4	189.2	8.7	386.6	386.6	—	386.6
1980	—	—	9.1	143.5	492.4	0.4	6.5	404.9	29.7	1,086.3	1,086.3	—	1,086.3
1985	—	—	7.8	R 158.3	462.1	0.2	7.2	435.5	44.6	R 1,115.7	R 1,115.7	—	R 1,115.7
1986	—	—	11.8	R 130.8	248.5	0.2	6.3	391.0	25.7	R 814.3	R 814.3	—	R 814.3
1987	—	—	9.5	R 74.0	277.1	0.2	6.2	399.5	21.6	R 788.0	R 788.0	—	R 788.0
1988	—	—	10.5	R 142.7	271.7	0.3	6.4	417.1	25.6	R 874.3	R 874.3	—	R 874.3
1989	—	—	12.0	R 167.5	341.8	0.3	6.5	469.1	R 39.1	R 1,036.3	R 1,036.3	—	R 1,036.3
1990	—	—	12.8	R 197.5	425.3	R 0.5	6.7	521.5	R 58.7	R 1,223.0	R 1,223.0	—	R 1,223.0
1991	—	—	11.5	R 247.4	323.4	0.5	6.9	479.3	R 46.4	R 1,115.5	R 1,115.5	—	R 1,115.5
1992	—	—	10.5	R 160.5	276.6	R 1.3	7.7	498.7	R 60.3	R 1,015.8	R 1,015.8	—	R 1,015.8
1993	—	—	8.3	R 159.1	241.2	0.3	8.1	513.0	R 45.4	R 975.4	R 975.4	—	R 975.4
1994	—	—	8.4	R 190.6	231.5	0.5	8.6	538.2	R 47.9	R 1,025.7	R 1,025.7	—	R 1,025.7
1995	—	—	9.2	R 160.5	250.5	0.3	8.6	548.6	R 50.5	R 1,028.2	R 1,028.2	—	R 1,028.2
1996	—	—	7.7	R 123.7	299.9	0.1	8.6	577.0	R 15.4	R 1,032.4	R 1,032.4	—	R 1,032.4
1997	—	—	5.7	R 82.8	291.4	0.1	8.1	581.7	R 11.0	R 980.7	R 980.7	—	R 980.7
1998	—	—	4.4	R 74.9	207.7	(s)	9.0	566.2	R 6.0	R 868.1	R 868.1	—	R 868.1
1999	—	—	2.6	R 117.4	257.1	—	8.0	518.1	R 35.4	R 938.6	R 938.6	—	R 938.6
2000	—	—	R 2.5	R 115.8	232.3	—	8.5	651.4	R 66.9	R 1,077.3	R 1,077.3	—	R 1,077.3
2001	—	—	2.7	179.7	295.9	—	8.2	744.1	73.2	1,303.8	1,303.8	—	1,303.8

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Hawaii (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	—	—	0.40	0.43	—	0.40	—	0.65	—	—	0.41
1975	—	—	1.57	1.71	—	1.58	—	0.92	—	—	1.58
1980	—	—	3.87	5.19	—	3.97	—	—	—	—	3.97
1985	—	—	4.86	6.40	—	4.95	—	0.79	—	—	4.94
1986	—	—	2.86	4.69	—	2.98	—	—	—	—	2.98
1987	—	—	3.44	4.63	—	3.54	—	—	—	—	3.54
1988	—	—	2.87	3.82	—	2.95	—	—	—	—	2.95
1989	—	—	3.29	3.61	—	3.32	—	([b])	—	—	3.31
1990	1.49	—	4.15	5.79	—	4.33	—	([b])	—	—	4.01
1991	1.43	—	3.31	4.34	—	3.43	—	0.50	—	—	3.18
1992	1.30	—	2.92	5.15	—	3.25	—	0.51	—	—	2.94
1993	1.30	—	3.09	5.27	—	3.45	—	0.55	—	—	2.92
1994	1.28	—	2.71	4.37	—	2.98	—	0.56	—	—	2.58
1995	1.36	—	2.98	4.55	—	3.23	—	0.70	—	—	2.78
1996	1.49	—	3.54	5.49	—	3.85	—	0.59	—	—	3.32
1997	1.54	—	3.64	4.35	—	3.76	—	0.50	—	—	3.23
1998	1.38	—	2.61	4.02	—	2.85	—	0.61	—	—	2.52
1999	1.41	—	3.19	5.35	—	3.58	—	0.67	—	—	3.11
2000	1.36	—	5.04	8.11	—	5.62	—	0.67	—	—	4.74
2001	1.11	—	4.90	6.77	—	5.28	—	0.47	—	—	4.44
	Expenditures in Million Nominal Dollars										
1970	—	—	17.0	0.2	—	17.2	—	0.2	—	—	17.4
1975	—	—	87.9	4.3	—	92.2	—	0.2	—	—	92.4
1980	—	—	248.9	26.8	—	275.8	—	—	—	—	275.8
1985	—	—	314.2	28.0	—	342.3	—	0.2	—	—	342.5
1986	—	—	193.4	22.5	—	215.9	—	—	—	—	215.9
1987	—	—	240.7	28.9	—	269.6	—	—	—	—	269.6
1988	—	—	212.2	28.3	—	240.5	—	—	—	—	240.5
1989	—	—	253.5	30.1	—	283.6	—	([b])	—	—	283.6
1990	(s)	—	361.4	61.1	—	422.5	—	([b])	—	—	422.5
1991	0.2	—	232.7	43.2	—	275.8	—	3.9	—	—	279.9
1992	7.2	—	214.7	65.2	—	280.0	—	3.7	—	—	290.9
1993	17.9	—	195.9	66.7	—	262.6	—	4.2	—	—	284.7
1994	17.8	—	180.2	55.2	—	235.4	—	3.7	—	—	256.9
1995	21.5	—	200.6	58.6	—	259.2	—	4.6	—	—	285.3
1996	24.8	—	244.4	74.3	—	318.6	—	2.9	—	—	346.4
1997	25.9	—	249.0	58.3	—	307.3	—	2.8	—	—	336.0
1998	20.6	—	178.3	56.5	—	234.8	—	3.3	—	—	258.7
1999	21.1	—	218.8	79.7	—	298.4	—	3.6	—	—	323.2
2000	21.1	—	343.5	131.0	—	474.5	—	3.6	—	—	499.2
2001	17.5	—	326.8	117.2	—	444.0	—	2.2	—	—	463.7

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[b] Electric plants used wood chips at no charge.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Idaho

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.65	0.65	0.66	1.01	0.76	2.41	2.81	0.34	1.15	1.92	—	1.42	1.50	R -20.51	2.95	1.76
1975	—	0.96	0.96	1.43	2.55	2.12	3.81	4.81	2.01	2.73	3.64	—	1.48	2.77	1.89	4.11	3.00
1980	—	1.74	1.74	3.87	6.54	6.59	6.39	9.79	4.45	5.89	8.11	—	1.64	6.44	3.87	7.39	6.64
1985	—	1.85	1.85	5.07	R 7.73	6.68	R 9.74	9.31	3.67	7.46	R 8.55	—	1.71	7.07	R 6.25	10.66	R 8.03
1986	—	2.01	2.01	4.22	R 5.59	4.40	R 8.17	7.07	2.38	6.92	R 6.46	—	1.61	R 5.53	4.25	10.94	R 6.95
1987	—	1.97	1.97	5.86	R 5.88	4.39	R 9.33	7.26	2.57	6.09	R 6.60	—	1.54	R 5.98	R 6.00	10.81	R 7.24
1988	—	1.80	1.80	4.49	R 5.82	4.24	R 9.31	7.61	1.93	6.63	R 6.81	—	1.54	R 5.77	R 5.99	10.84	R 7.12
1989	—	1.83	1.83	3.57	R 6.67	4.93	R 10.17	8.21	1.66	4.87	R 7.35	—	R e 1.17	R e 5.55	R 1.14	11.10	R e 6.94
1990	—	1.77	1.77	3.43	R 7.81	6.07	R 10.37	9.15	2.51	4.16	R 8.12	—	R 1.16	R 6.17	R 1.74	11.14	R 7.43
1991	—	1.90	1.90	3.62	R 7.20	5.50	R 10.61	9.13	2.31	5.33	R 8.05	—	R 1.29	R 6.05	R 1.68	11.27	R 7.33
1992	—	1.89	1.89	3.62	R 7.31	5.44	R 10.35	9.52	1.78	4.61	R 8.20	—	R 1.27	R 6.16	R 2.17	11.33	R 7.50
1993	—	1.80	1.80	3.77	R 7.62	5.42	R 10.39	9.42	2.93	4.59	R 8.22	—	R 1.24	R 6.20	R 0.55	11.72	R 7.52
1994	—	1.88	1.88	4.25	R 7.43	5.01	R 8.88	9.68	2.24	4.39	R 8.17	—	R 1.24	R 6.35	R 1.07	11.74	R 7.69
1995	—	1.79	1.79	4.20	R 7.68	5.15	R 8.79	9.25	2.31	4.59	R 8.00	—	R 1.29	R 6.17	R 0.74	11.98	R 7.51
1996	—	2.00	2.00	3.60	R 8.73	6.06	R 9.48	10.26	1.79	4.94	R 9.06	—	R 1.14	R 6.72	R 1.71	11.59	R 7.88
1997	—	1.99	1.99	R 3.52	R 8.50	6.05	R 11.09	10.54	2.22	4.86	R 9.13	—	R 1.13	R 6.65	R 1.99	11.33	R 7.80
1998	—	1.89	1.89	R 3.77	R 7.21	4.38	8.62	9.10	1.99	R 4.64	R 7.76	—	R 1.36	R 5.91	R 1.94	11.77	R 7.29
1999	—	1.27	1.27	R 3.98	R 7.59	5.02	R 9.82	9.78	1.94	R 4.14	R 8.20	—	R 1.51	R 6.31	R 2.22	11.40	R 7.50
2000	—	R 1.70	R 1.70	4.86	R 10.40	7.82	R 13.18	12.39	2.68	R 4.20	R 10.59	—	R 1.66	R 7.93	R 3.40	12.23	R 8.94
2001	—	1.72	1.72	6.88	9.44	6.89	14.05	11.55	2.88	4.94	10.20	—	1.71	8.12	4.87	14.41	9.63
	Expenditures in Million Nominal Dollars																
1970	—	5.2	5.2	29.5	32.9	3.9	9.6	142.8	0.6	12.4	202.2	—	6.2	243.0	(s)	105.8	348.8
1975	—	12.9	12.9	84.6	112.3	11.0	16.7	285.0	8.6	22.5	456.2	—	6.0	559.8	-0.1	175.4	735.1
1980	—	16.8	16.8	182.6	215.6	44.9	23.3	570.0	17.1	42.5	913.5	—	7.3	1,120.1	-0.2	345.9	1,465.8
1985	—	16.4	16.4	192.9	R 238.1	40.7	R 27.3	521.7	2.0	42.1	R 871.9	—	9.0	R 1,091.5	R -1.4	596.4	R 1,686.5
1986	—	R 17.3	R 17.3	138.4	R 182.7	26.8	R 21.9	404.5	0.3	35.1	R 671.3	—	10.0	R 837.0	(s)	589.5	R 1,426.5
1987	—	17.5	17.5	200.0	R 206.1	27.7	R 21.2	409.1	1.0	29.6	R 694.8	—	9.1	R 922.2	R -0.9	593.8	R 1,515.2
1988	—	17.5	17.5	167.7	R 209.5	27.3	R 25.4	448.1	0.7	26.9	R 737.9	—	9.5	R 934.6	R -2.1	635.1	R 1,567.6
1989	—	17.8	17.8	149.1	R 254.5	33.4	R 31.4	497.2	0.5	33.7	R 850.6	—	R e 23.6	R e 1,041.7	R -1.5	675.0	R e 1,715.3
1990	—	17.9	17.9	142.4	R 321.9	38.1	R 22.9	550.4	0.7	41.1	R 975.1	—	R 17.7	R 1,155.3	R -2.7	684.5	R 1,837.1
1991	—	23.3	23.3	173.8	R 310.7	28.9	R 31.2	556.6	0.6	42.0	R 970.1	—	R 19.8	R 1,189.2	R -2.9	693.8	R 1,880.2
1992	—	18.2	18.2	170.1	R 271.5	29.1	R 25.1	597.6	0.2	50.1	R 973.6	—	R 20.9	R 1,186.8	R -4.6	734.7	R 1,916.9
1993	—	17.6	17.6	205.2	R 316.7	32.1	R 25.5	631.7	0.7	53.5	R 1,060.2	—	R 21.2	R 1,304.2	R -0.8	748.6	R 2,052.1
1994	—	18.1	18.1	230.2	R 313.2	33.1	R 20.8	654.3	0.3	59.1	R 1,080.7	—	R 20.4	R 1,350.4	R -1.7	796.0	R 2,144.7
1995	—	16.0	16.0	248.1	R 338.5	44.3	24.1	651.9	0.1	68.4	R 1,127.4	—	R 27.2	R 1,418.7	R -1.0	802.2	R 2,219.9
1996	—	14.6	14.6	R 226.8	R 408.1	29.8	R 91.0	758.4	0.1	74.4	R 1,361.7	—	R 24.1	R 1,629.4	R -3.4	835.4	R 2,461.5
1997	—	12.8	12.8	R 230.6	R 419.9	26.1	22.0	794.6	(s)	75.3	R 1,337.9	—	R 25.7	R 1,609.2	R -7.3	821.1	R 2,422.9
1998	—	R 16.6	R 16.6	R 249.5	R 327.9	17.8	13.1	724.8	0.1	R 101.8	R 1,185.4	—	R 30.9	R 1,484.4	R -7.0	854.8	R 2,332.2
1999	—	R 10.1	R 10.1	R 273.3	R 394.6	24.4	R 33.9	809.3	0.1	R 90.8	R 1,353.0	—	R 35.4	R 1,673.0	R -6.2	883.6	R 2,550.4
2000	—	R 23.3	R 23.3	R 332.3	R 547.8	39.0	R 97.2	993.6	(s)	R 92.0	R 1,769.7	—	R 38.4	R 2,165.0	R -10.0	953.2	R 3,108.3
2001	—	19.3	19.3	516.9	501.7	28.3	75.9	908.7	0.4	68.1	1,583.1	—	41.8	2,161.0	-56.2	1,037.3	3,142.1

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Idaho

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	0.99	1.31	1.40	—	2.83	1.91	0.72	1.50	4.81	2.50
1975	1.78	2.07	2.82	—	4.17	3.25	1.43	2.44	5.27	3.42
1980	2.56	4.73	6.60	—	7.85	6.97	3.66	5.31	8.54	7.16
1985	1.97	6.57	7.29	8.62	9.55	R 7.88	4.14	R 6.85	12.60	R 10.28
1986	1.91	5.89	5.59	4.71	9.70	R 6.54	3.32	5.97	13.14	R 10.24
1987	1.54	5.41	5.21	4.71	10.64	R 6.47	3.16	R 5.69	13.45	R 10.41
1988	1.26	5.38	5.21	4.39	10.38	R 6.57	R 3.20	5.64	13.88	R 10.50
1989	1.56	4.92	5.89	4.60	12.49	R 8.02	3.53	R 5.80	14.11	R 10.61
1990	1.55	4.91	7.37	5.98	11.73	R 8.53	4.75	R 5.93	14.28	R 10.72
1991	1.49	5.02	7.20	7.32	12.24	R 8.66	R 4.55	R 5.97	14.32	R 10.59
1992	1.57	5.08	6.49	6.88	11.55	R 7.91	R 4.16	R 5.70	14.44	R 10.65
1993	1.29	5.18	6.53	6.98	11.50	R 7.88	4.06	R 5.73	14.64	R 10.50
1994	1.38	5.10	5.97	5.95	10.09	R 7.22	3.94	R 5.46	14.92	R 10.65
1995	1.37	5.43	6.35	6.16	10.03	R 7.59	3.86	R 5.79	15.61	R 11.02
1996	1.69	5.05	7.06	6.92	11.25	R 8.77	4.43	R 5.73	15.48	R 10.81
1997	1.84	4.97	7.21	7.24	11.31	R 8.77	4.41	R 5.68	15.09	R 10.57
1998	1.92	5.13	5.94	R 6.27	9.41	R 6.71	3.82	R 5.28	15.47	R 10.61
1999	1.66	5.22	5.77	R 7.39	10.00	R 7.84	3.93	R 5.72	15.42	R 10.37
2000	1.76	6.13	8.86	R 9.12	13.18	R 11.84	5.90	R 7.65	15.79	R 11.38
2001	1.89	8.33	7.86	9.02	14.14	12.05	5.62	9.13	17.60	13.09
	Expenditures in Million Nominal Dollars									
1970	2.4	10.7	6.8	—	7.6	14.4	0.2	27.8	38.6	66.4
1975	2.3	30.7	16.0	—	11.0	27.0	0.5	60.6	69.5	130.1
1980	1.4	36.8	18.7	—	9.1	27.8	1.2	67.1	143.8	210.9
1985	R 0.5	53.5	R 24.1	0.1	11.3	R 35.5	1.9	R 91.3	248.5	R 339.9
1986	R 0.4	43.8	R 19.1	0.1	10.2	R 29.4	1.5	R 75.1	243.5	R 318.7
1987	0.2	38.5	R 15.5	0.2	9.8	R 25.5	0.7	R 64.9	239.0	R 303.9
1988	R 0.5	42.2	R 17.0	0.2	12.3	R 29.5	0.7	R 72.9	258.0	R 330.9
1989	R 0.6	44.4	R 18.0	0.1	18.4	R 36.5	0.8	R 82.2	275.0	R 357.3
1990	0.4	43.3	R 23.0	0.2	13.5	R 36.7	4.1	R 84.5	274.1	R 358.6
1991	0.4	53.1	R 23.8	0.1	16.5	R 40.3	4.1	R 97.9	291.6	R 389.6
1992	0.3	50.5	R 17.8	0.1	12.4	R 30.3	4.0	R 85.1	282.7	R 367.8
1993	0.2	67.6	R 20.7	0.1	13.6	R 34.3	3.7	R 105.8	311.9	R 417.7
1994	0.2	65.0	R 15.4	0.1	11.3	R 26.7	3.5	R 95.4	316.8	R 412.2
1995	0.2	72.7	R 16.3	0.5	13.6	R 30.4	3.9	R 107.1	329.9	R 437.0
1996	0.1	77.7	R 16.1	0.5	18.3	R 34.8	4.4	R 117.1	343.8	R 460.9
1997	0.1	78.0	R 18.3	0.2	17.7	R 36.1	4.5	R 118.8	341.3	R 460.1
1998	R 0.2	85.3	R 12.9	R 0.5	6.0	R 19.4	3.6	R 108.5	348.9	R 457.4
1999	0.2	97.1	R 16.0	R 0.3	26.5	R 42.7	3.9	R 144.0	358.1	R 502.0
2000	0.1	120.1	R 20.4	0.5	69.4	R 90.4	6.2	R 216.8	377.5	R 594.3
2001	0.1	162.1	16.7	0.3	61.1	78.1	5.0	245.3	414.7	660.0

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

— No consumption.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Idaho

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.50	0.96	1.21	0.82	1.55	2.81	—	1.35	0.72	0.99	4.10	2.19
1975	0.87	1.47	2.62	2.59	3.25	4.81	—	3.01	1.43	1.65	4.88	2.89
1980	1.70	4.36	6.41	—	5.72	9.79	4.63	5.65	3.66	4.45	8.33	6.43
1985	1.85	5.42	6.22	8.62	9.76	9.31	3.67	R 7.07	4.14	R 5.57	12.10	R 9.10
1986	2.02	4.68	4.00	4.71	7.10	7.07	2.38	R 5.11	3.32	R 4.62	12.58	R 9.09
1987	1.98	4.44	4.51	4.71	8.38	7.26	2.57	R 5.31	3.16	R 4.60	12.25	R 9.05
1988	1.82	4.43	4.30	4.39	8.39	7.61	1.93	R 5.92	3.20	R 4.66	12.06	R 8.65
1989	1.84	4.09	5.08	4.60	7.96	8.21	1.66	R 6.52	3.53	R 4.57	12.58	R 8.83
1990	1.78	4.07	5.69	5.98	8.71	9.15	2.51	6.64	4.75	R 4.49	12.52	9.12
1991	1.91	4.28	5.19	7.32	9.12	9.13	2.31	R 7.16	4.55	R 4.85	12.54	R 8.97
1992	1.90	4.27	5.22	6.88	9.26	9.52	1.78	R 7.15	4.16	R 4.91	12.62	R 9.39
1993	1.81	4.48	5.29	6.98	9.23	9.42	2.93	R 5.81	4.06	R 4.55	13.04	R 9.27
1994	1.89	4.83	4.91	5.95	8.69	9.68	2.24	R 5.51	3.94	4.79	12.84	R 9.59
1995	1.79	4.73	5.25	6.16	8.42	9.25	2.31	R 5.79	3.86	R 4.78	13.23	R 9.61
1996	2.00	4.43	6.03	6.92	10.39	10.26	1.79	R 7.29	4.43	R 5.02	12.58	R 9.30
1997	1.99	4.36	5.97	7.24	10.89	10.54	2.22	R 6.87	4.41	R 4.68	12.29	R 9.16
1998	1.89	4.45	4.52	R 6.27	9.68	9.10	1.99	R 5.02	3.82	R 4.38	12.76	R 9.18
1999	1.26	4.60	5.10	R 7.39	9.39	9.78	—	R 5.92	3.93	R 4.67	12.35	R 8.99
2000	R 1.70	5.35	7.84	R 9.12	12.63	12.39	—	R 9.28	5.90	R 6.07	12.40	R 9.78
2001	1.71	7.45	6.75	9.02	13.81	11.55	—	8.75	5.62	7.56	14.97	11.81
	Expenditures in Million Nominal Dollars											
1970	1.0	5.9	2.1	0.5	0.7	1.0	—	4.3	(s)	11.2	29.2	40.4
1975	2.6	18.8	5.2	1.2	1.5	2.3	—	10.2	(s)	31.7	58.8	90.5
1980	3.4	26.4	8.1	—	1.2	5.1	14.2	28.6	(s)	58.4	113.0	171.4
1985	R 1.5	51.2	R 11.9	0.2	2.0	6.6	0.6	R 21.2	0.1	R 74.0	189.6	R 263.6
1986	R 1.3	40.9	R 6.1	(s)	1.3	5.0	(s)	R 12.6	(s)	R 54.8	190.4	R 245.2
1987	0.8	34.4	R 9.9	0.1	1.4	5.4	0.2	R 16.8	(s)	R 52.1	192.7	R 244.8
1988	R 2.4	37.3	R 9.8	(s)	1.8	15.0	0.1	R 26.7	(s)	R 66.5	202.0	R 268.5
1989	R 2.5	37.9	R 9.7	(s)	2.1	15.4	0.3	R 27.4	(s)	R 67.9	213.0	R 280.9
1990	R 1.9	35.7	R 11.4	(s)	1.8	7.1	0.3	R 20.6	0.3	58.5	222.6	281.1
1991	R 2.4	42.4	R 10.6	(s)	2.2	16.5	(s)	R 29.3	0.3	R 74.3	221.0	R 295.3
1992	1.8	39.3	R 10.4	(s)	1.8	15.6	0.2	R 28.0	0.3	R 69.3	246.3	R 315.6
1993	1.4	49.6	R 9.2	(s)	1.9	1.9	R 0.5	R 13.5	0.3	R 64.9	233.6	R 298.5
1994	1.4	50.5	R 10.6	0.1	1.7	1.9	0.1	R 14.4	0.3	R 66.7	263.4	R 330.1
1995	1.3	50.5	R 12.0	0.1	2.0	1.8	0.1	R 16.0	0.3	R 68.1	252.0	R 320.1
1996	1.1	52.5	R 16.0	0.1	3.0	8.9	(s)	R 28.1	0.4	R 82.0	267.4	R 349.4
1997	1.2	51.3	R 12.2	(s)	3.0	2.2	(s)	R 17.4	0.5	R 70.5	263.6	R 334.1
1998	R 1.9	53.9	R 10.8	R 0.1	1.1	1.6	(s)	R 13.7	0.4	R 69.9	273.0	R 343.0
1999	R 1.3	60.2	R 15.3	R 0.1	4.4	2.0	—	R 21.8	0.5	R 83.7	284.3	R 368.1
2000	R 0.6	73.5	R 19.7	0.1	11.7	2.1	—	R 33.6	0.7	R 108.5	314.0	R 422.6
2001	0.6	103.3	14.6	0.2	10.5	1.9	—	27.3	0.5	131.7	351.7	483.3

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Idaho

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.50	0.50	0.42	0.60	0.77	0.82	1.55	5.08	2.81	0.34	4.14	0.96	1.49	0.74	1.84	0.98
1975	—	0.87	0.87	1.11	1.88	2.40	2.59	3.25	7.48	4.81	2.01	—	2.60	1.49	1.80	2.70	1.95
1980	—	1.70	1.70	3.58	3.64	6.02	—	5.72	14.36	9.79	3.76	—	6.02	1.47	4.13	5.44	4.38
1985	—	1.85	1.85	4.32	4.78	6.46	6.70	9.76	17.61	9.31	3.67	—	R 6.81	1.47	R 4.54	7.69	R 5.45
1986	—	2.02	2.02	3.23	4.40	4.01	5.32	7.10	15.59	7.07	2.38	—	R 4.82	1.47	R 3.45	7.70	R 4.69
1987	—	1.98	1.98	6.59	3.43	4.63	5.29	8.38	13.58	7.26	2.57	—	R 5.02	1.47	4.73	7.56	R 5.54
1988	—	1.82	1.82	4.18	3.39	4.36	4.45	8.39	14.62	7.61	1.93	—	R 4.93	1.47	R 3.81	7.53	R 4.92
1989	—	1.84	1.84	2.84	2.79	5.28	5.09	7.96	14.48	8.21	1.66	—	5.21	R d 1.17	R d 3.08	7.67	R d 4.21
1990	—	1.78	1.78	2.65	2.64	6.32	6.75	8.71	14.60	9.15	2.51	—	5.49	R 0.97	R 3.31	7.68	R 4.40
1991	—	1.91	1.91	2.85	3.28	5.67	6.23	9.12	16.80	9.13	2.31	16.33	5.65	R 1.12	R 3.43	7.69	R 4.40
1992	—	1.90	1.90	2.88	2.93	5.61	5.65	9.26	18.32	9.52	1.78	24.75	R 5.24	R 1.12	R 3.22	7.98	R 4.43
1993	—	1.81	1.81	2.91	2.83	5.96	5.76	9.23	18.96	9.42	2.93	19.10	R 5.24	R 1.11	R 3.19	8.24	R 4.39
1994	—	1.89	1.89	3.71	2.75	5.44	5.14	7.38	19.11	9.68	2.24	24.75	R 4.85	R 1.12	R 3.45	8.27	R 4.62
1995	—	1.79	1.79	3.56	3.15	5.71	5.37	7.31	19.41	9.25	2.31	23.89	R 5.06	R 1.19	R 3.42	8.23	R 4.50
1996	—	2.00	2.00	2.70	3.46	6.49	6.37	9.06	20.08	10.26	1.79	22.95	R 6.28	R 0.98	R 3.65	7.84	R 4.60
1997	—	1.99	1.99	2.68	3.49	6.38	6.14	9.04	17.98	10.54	2.22	24.62	R 5.56	R 0.98	R 3.20	7.61	R 4.24
1998	—	1.89	1.89	2.98	3.65	5.04	5.27	7.80	19.07	9.10	1.99	20.11	R 4.73	R 1.28	R 3.17	8.13	R 4.28
1999	—	1.26	1.26	3.17	3.23	5.09	5.81	8.79	16.75	9.78	1.94	20.54	R 4.46	R 1.42	R 3.14	7.71	R 4.22
2000	—	R 1.70	R 1.70	3.92	3.27	7.80	8.08	13.58	17.99	12.39	2.68	21.33	R 5.82	R 1.46	R 3.82	9.12	R 4.96
2001	—	1.71	1.71	6.32	3.45	7.00	7.05	13.28	19.00	11.55	2.88	19.26	6.21	1.58	4.63	10.87	5.92
	Expenditures in Million Nominal Dollars																
1970	—	1.8	1.8	12.8	4.5	14.3	0.5	1.2	1.0	9.2	0.6	0.4	31.8	5.9	52.4	37.9	90.3
1975	—	8.0	8.0	35.0	11.0	55.0	0.9	3.9	2.0	20.2	8.6	—	101.7	5.5	150.2	47.1	197.2
1980	—	12.0	12.0	119.2	19.2	77.5	—	12.6	3.8	32.9	3.0	—	149.0	6.0	286.3	89.1	375.4
1985	—	14.4	14.4	88.1	20.0	R 59.1	0.1	11.7	4.3	25.0	1.4	—	R 121.5	7.1	R 231.2	158.3	R 389.4
1986	—	15.7	15.7	53.7	15.9	R 46.2	(s)	8.6	3.7	18.1	0.3	—	R 92.8	8.4	R 170.5	155.6	R 326.1
1987	—	16.5	16.5	127.0	11.4	R 57.5	(s)	8.9	3.6	16.5	0.9	—	R 98.8	8.4	R 250.7	162.1	R 412.8
1988	—	14.6	14.6	88.2	9.0	R 56.8	(s)	9.9	3.8	16.3	0.6	—	R 96.5	8.7	R 208.0	175.0	R 383.0
1989	—	14.7	14.7	66.9	15.4	R 77.6	(s)	9.6	3.8	18.7	0.2	—	R 125.3	R d 21.9	R d 228.8	187.0	R d 415.8
1990	—	15.5	15.5	63.4	22.4	R 101.5	0.1	5.9	4.0	16.9	0.4	—	R 151.3	R 12.8	R 243.1	187.8	R 430.9
1991	—	20.5	20.5	78.4	21.5	R 99.7	0.1	11.1	4.1	21.1	0.6	1.6	R 159.8	R 14.8	R 273.4	181.2	R 454.7
1992	—	16.1	16.1	80.3	28.5	R 66.4	(s)	9.5	4.6	19.4	0.1	2.6	R 131.1	R 16.0	R 243.6	205.7	R 449.3
1993	—	15.9	15.9	88.0	28.8	R 69.8	(s)	8.7	4.8	16.7	0.1	2.2	R 131.2	R 16.4	R 251.5	203.1	R 454.6
1994	—	16.5	16.5	114.7	32.9	R 67.4	(s)	6.3	5.1	19.2	0.2	2.9	R 133.8	R 15.7	R 280.7	215.8	R 496.6
1995	—	14.5	14.5	124.9	42.0	R 75.3	0.1	7.7	5.1	19.3	(s)	2.8	R 152.2	R 22.1	R 313.7	220.3	R 534.0
1996	—	13.4	13.4	96.1	46.7	R 82.0	(s)	68.9	5.1	22.0	(s)	3.4	R 228.2	R 18.6	R 356.4	224.2	R 580.5
1997	—	11.4	11.4	96.6	48.1	R 87.4	0.5	1.0	4.8	23.4	(s)	3.2	R 168.4	R 20.0	R 296.5	216.2	R 512.7
1998	—	R 14.4	R 14.4	106.0	73.9	R 59.9	0.1	5.9	5.3	20.1	(s)	2.6	R 167.8	R 26.1	R 314.4	232.8	R 547.2
1999	—	8.6	8.6	111.4	65.4	R 72.6	0.2	2.6	4.7	17.1	0.1	2.3	R 165.0	R 30.6	R 315.5	241.2	R 556.6
2000	—	R 22.6	R 22.6	130.5	66.9	R 109.7	0.1	15.0	5.0	20.0	(s)	2.1	R 218.8	R 31.1	R 403.0	261.7	R 664.6
2001	—	18.6	18.6	195.7	42.3	103.4	0.1	4.1	4.8	33.8	0.4	2.1	191.0	35.9	441.2	270.9	712.1

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Idaho

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.50	—	2.17	1.31	0.76	1.55	5.08	2.81	0.39	2.47	2.47	—	2.47
1975	0.87	—	3.45	2.68	2.12	3.25	7.48	4.81	—	4.25	4.25	—	4.25
1980	—	—	9.02	6.95	6.59	5.72	14.36	9.79	—	8.98	8.98	—	8.98
1985	—	—	9.99	8.70	6.68	R 10.70	17.61	9.31	—	9.06	9.06	—	9.06
1986	—	—	8.41	6.86	4.40	R 7.74	15.59	7.07	—	6.91	6.91	—	6.91
1987	—	—	7.55	7.06	4.39	R 9.13	13.58	7.26	—	7.06	7.06	—	7.06
1988	—	—	7.41	7.23	4.24	R 9.36	14.62	7.61	—	7.33	7.33	—	7.33
1989	—	—	8.28	8.08	4.93	R 8.95	14.48	8.21	—	7.98	7.98	—	7.98
1990	—	—	9.32	9.27	6.07	R 9.79	14.60	9.15	—	9.01	9.01	—	9.01
1991	—	—	8.71	8.74	5.50	R 10.44	16.80	9.13	—	R 8.88	R 8.88	—	R 8.88
1992	—	—	8.54	8.59	5.44	R 10.67	18.32	9.52	—	R 9.13	R 9.13	—	R 9.13
1993	—	—	8.24	8.70	5.42	R 10.64	18.96	9.42	—	R 9.07	R 9.07	—	R 9.07
1994	—	2.21	7.96	8.77	5.01	R 8.71	19.11	9.68	—	R 9.21	R 9.21	—	R 9.21
1995	—	3.26	8.36	9.02	5.15	R 8.51	19.41	9.25	—	8.93	8.93	—	8.93
1996	—	3.05	9.29	10.08	6.06	R 10.12	20.08	10.26	—	R 10.09	10.08	—	10.08
1997	—	4.06	9.39	9.71	6.05	R 9.59	17.98	10.54	—	R 10.18	R 10.18	—	R 10.18
1998	—	3.27	8.11	8.41	4.38	R 8.55	19.07	9.10	—	8.82	R 8.82	—	R 8.82
1999	—	3.45	8.81	9.10	5.02	R 10.59	16.75	9.78	—	R 9.45	R 9.45	—	R 9.45
2000	—	4.07	R 10.87	11.77	7.82	R 14.19	17.99	12.39	—	R 12.06	R 12.06	—	R 12.06
2001	—	4.05	11.01	10.76	6.89	16.02	19.00	11.55	—	11.20	11.20	—	11.20
	Expenditures in Million Nominal Dollars												
1970	(s)	—	1.7	9.7	3.9	0.1	3.7	132.6	(s)	151.6	151.6	—	151.6
1975	(s)	—	2.1	36.0	11.0	0.3	5.4	262.5	—	317.3	317.3	—	317.3
1980	—	—	7.4	111.3	44.9	0.5	12.0	532.0	—	708.1	708.1	—	708.1
1985	—	—	4.0	R 143.0	40.7	R 2.3	13.4	490.2	—	R 693.6	R 693.6	—	R 693.6
1986	—	—	3.7	R 111.3	26.8	R 1.8	11.6	381.3	—	R 536.5	R 536.5	—	R 536.5
1987	—	—	2.9	R 123.2	27.7	R 1.2	11.4	387.2	—	R 553.7	R 553.7	—	R 553.7
1988	—	—	1.9	R 125.9	27.3	R 1.4	11.9	416.8	—	R 585.2	R 585.2	—	R 585.2
1989	—	—	2.3	R 149.1	33.4	R 1.4	12.1	463.2	—	R 661.4	R 661.4	—	R 661.4
1990	—	—	1.9	R 186.0	38.1	R 1.7	12.5	526.3	—	R 766.5	R 766.5	—	R 766.5
1991	—	—	1.7	R 176.6	28.9	R 1.5	12.9	519.0	—	R 740.7	R 740.7	—	R 740.7
1992	—	—	(s)	R 176.8	29.1	R 1.4	14.3	562.6	—	R 784.2	R 784.2	—	R 784.2
1993	—	—	2.6	R 217.1	32.1	R 1.3	15.1	613.1	—	R 881.2	R 881.2	—	R 881.2
1994	—	(s)	2.2	R 219.8	33.1	R 1.6	15.9	633.2	—	R 905.8	R 905.8	—	R 905.8
1995	—	0.1	2.0	R 234.9	44.3	0.8	15.9	630.8	—	R 928.7	R 928.8	—	R 928.8
1996	—	0.1	2.6	R 294.1	29.8	R 0.8	15.9	727.5	—	R 1,070.6	R 1,070.6	—	R 1,070.6
1997	—	R 0.1	3.4	R 302.0	26.1	0.3	15.1	769.1	—	R 1,116.0	R 1,116.1	—	R 1,116.1
1998	—	0.1	2.5	R 244.3	17.8	R 0.1	16.7	703.0	—	R 984.5	R 984.6	—	R 984.6
1999	—	0.1	3.0	R 290.7	24.4	R 0.4	14.9	790.2	—	R 1,123.5	R 1,123.6	—	R 1,123.6
2000	—	0.2	R 1.5	R 397.7	39.0	R 1.0	15.7	971.6	—	R 1,426.6	R 1,426.8	—	R 1,426.8
2001	—	0.2	3.1	366.6	28.3	0.2	15.2	873.0	—	1,286.4	1,286.6	—	1,286.6

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Idaho (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	—	—	—	0.35	—	0.35	—	—	—	0.99	-20.51
1975	—	1.38	—	2.20	—	2.20	—	—	—	—	1.89
1980	—	3.76	—	6.39	—	6.39	—	—	—	—	3.87
1985	—	5.44	—	6.07	—	6.07	—	—	6.36	—	6.25
1986	—	4.70	—	3.74	—	3.74	—	—	—	—	4.25
1987	—	2.31	—	4.24	—	4.24	—	—	6.11	—	6.00
1988	—	—	—	4.07	—	4.07	—	—	6.02	—	5.99
1989	—	—	—	4.45	—	4.45	—	0.67	6.05	—	1.14
1990	—	—	—	5.38	—	5.38	—	0.46	5.84	—	1.74
1991	—	—	—	5.03	—	5.03	—	0.50	4.60	—	1.68
1992	—	—	—	4.83	—	4.83	—	0.51	4.37	—	2.17
1993	—	—	—	4.99	—	4.99	—	0.55	—	—	0.55
1994	—	—	—	4.47	—	4.47	—	0.56	4.09	—	1.07
1995	—	—	—	4.81	—	4.81	—	0.70	4.04	—	0.74
1996	—	2.31	—	5.52	—	5.52	—	0.59	3.82	—	1.71
1997	—	2.46	—	5.33	—	5.33	—	0.50	3.77	1.62	1.99
1998	—	2.31	—	4.24	—	4.24	—	0.61	4.01	3.02	1.94
1999	—	2.47	—	4.87	—	4.87	—	0.67	4.92	4.16	2.22
2000	—	4.47	—	7.99	—	7.99	—	0.67	3.04	3.52	3.40
2001	—	5.16	—	7.72	—	7.72	—	0.47	3.29	3.82	4.87
	Expenditures in Million Nominal Dollars										
1970	—	—	—	(s)	—	(s)	—	—	—	(s)	(s)
1975	—	(s)	—	0.1	—	0.1	—	—	—	—	0.1
1980	—	0.2	—	(s)	—	(s)	—	—	—	—	0.2
1985	—	0.1	—	(s)	—	(s)	—	—	1.2	—	1.4
1986	—	(s)	—	(s)	—	(s)	—	—	—	—	(s)
1987	—	(s)	—	(s)	—	(s)	—	—	0.9	—	0.9
1988	—	—	—	(s)	—	(s)	—	—	2.1	—	2.1
1989	—	—	—	0.1	—	0.1	—	0.8	0.6	—	1.5
1990	—	—	—	(s)	—	(s)	—	0.6	2.1	—	2.7
1991	—	—	—	(s)	—	(s)	—	0.6	2.3	—	2.9
1992	—	—	—	(s)	—	(s)	—	0.6	3.9	—	4.6
1993	—	—	—	(s)	—	(s)	—	0.8	—	—	0.8
1994	—	—	—	(s)	—	(s)	—	0.8	0.9	—	1.7
1995	—	—	—	(s)	—	(s)	—	0.9	(s)	—	1.0
1996	—	0.4	—	(s)	—	(s)	—	0.7	2.2	—	3.4
1997	—	4.5	—	(s)	—	(s)	—	0.6	2.2	(s)	7.3
1998	—	4.2	—	(s)	—	(s)	—	0.8	2.0	(s)	7.0
1999	—	4.5	—	(s)	—	(s)	—	0.5	1.4	0.3	6.2
2000	—	8.0	—	0.2	—	0.2	—	0.5	1.3	(s)	10.0
2001	—	55.6	—	0.3	—	0.3	—	0.3	0.1	0.1	56.2

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Illinois

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	0.42	0.36	0.36	0.72	1.11	0.74	1.39	3.05	0.60	1.48	1.88	0.15	2.74	1.09	0.32	5.98	1.70
1975	1.49	0.82	0.89	1.38	2.58	2.09	2.68	4.73	1.68	3.07	3.42	0.18	2.89	2.01	0.69	9.35	3.16
1980	1.93	1.63	1.64	3.33	6.88	6.38	5.16	9.81	4.92	7.57	7.77	0.33	3.17	4.33	1.60	15.33	6.71
1985	2.08	2.12	2.12	5.00	R 7.62	6.00	R 9.15	9.03	5.22	8.53	R 8.57	0.64	3.38	4.85	1.68	21.07	8.45
1986	2.05	2.06	2.06	4.59	R 5.69	4.22	7.61	6.78	4.10	7.07	6.56	0.64	2.82	4.06	1.62	22.37	R 7.72
1987	1.92	1.93	1.92	4.36	R 6.03	4.21	R 7.18	7.23	3.27	6.85	R 6.79	0.64	2.74	4.00	1.43	22.86	R 7.90
1988	2.02	1.82	1.84	4.10	R 5.97	3.84	7.27	7.27	2.63	6.65	R 6.78	0.66	2.75	3.78	1.23	21.49	7.54
1989	1.92	1.75	R 1.77	4.41	R 6.35	4.32	R 7.66	8.00	2.87	6.47	R 7.26	0.60	R e 2.67	R e 3.85	R 1.14	22.07	R e 7.94
1990	1.84	1.70	1.71	4.57	R 7.89	5.84	R 9.58	9.35	R 3.01	R 6.77	R 8.45	0.57	R 2.56	R 4.23	1.12	22.02	R 8.62
1991	1.99	1.67	1.70	4.40	R 7.39	4.75	R 8.57	9.13	2.71	6.56	8.08	0.49	R 2.49	R 4.03	1.07	22.41	R 8.51
1992	2.00	1.67	1.70	R 4.49	R 7.28	4.44	R 8.14	8.79	2.80	6.54	7.84	0.52	R 2.43	R 4.03	1.05	22.60	R 8.38
1993	1.95	1.65	1.67	4.97	R 7.38	4.12	R 8.91	8.57	2.69	6.89	7.84	0.52	R 1.98	R 4.10	1.08	22.76	R 8.64
1994	1.90	1.57	1.59	4.88	R 7.19	3.82	R 7.51	8.99	2.65	6.69	R 7.88	0.53	R 2.14	R 4.12	R 1.08	21.79	R 8.61
1995	1.97	1.59	1.62	4.10	R 7.24	3.86	R 7.76	9.49	2.71	6.87	R 8.21	0.51	R 2.14	R 3.96	1.04	22.61	R 8.59
1996	1.94	1.59	1.62	4.73	R 8.21	4.66	R 9.40	10.27	3.37	7.51	R 9.05	0.51	R 2.20	R 4.41	1.12	22.59	9.04
1997	R 1.89	1.53	1.55	5.03	R 7.83	4.37	9.25	9.95	3.15	7.28	R 8.76	R 0.48	R 1.66	R 4.55	R 1.18	22.65	R 9.14
1998	R 1.80	R 1.53	R 1.55	4.63	R 6.66	3.24	R 8.17	8.71	2.62	R 6.55	R 7.56	R 0.49	R 1.49	R 4.05	R 1.16	21.93	R 8.69
1999	R 1.74	R 1.42	R 1.44	R 4.74	R 7.55	3.86	R 8.27	9.33	R 3.02	R 6.67	R 8.05	0.49	R 1.44	R 4.05	R 1.00	20.45	R 8.61
2000	R 1.66	1.16	1.19	R 6.56	R 10.19	6.53	R 12.36	12.47	R 3.49	R 7.82	R 10.78	R 0.46	R 1.94	R 5.12	R 0.91	20.38	R 10.43
2001	1.73	1.20	1.23	7.90	9.83	5.68	12.21	12.25	5.37	7.82	10.58	0.40	1.75	5.29	0.89	20.27	11.01
	Expenditures in Million Nominal Dollars																
1970	41.6	293.8	335.4	831.7	287.9	95.2	148.4	1,715.3	89.2	248.3	2,584.3	4.1	21.9	3,777.5	-254.5	1,417.0	4,939.9
1975	120.7	629.0	749.7	1,512.9	770.9	292.9	329.8	2,945.6	223.0	450.8	5,013.0	45.2	24.4	7,345.2	-689.6	2,644.9	9,300.4
1980	93.7	1,294.2	1,387.9	3,601.8	1,464.6	710.2	702.6	5,622.7	764.2	1,055.0	10,319.2	99.4	52.5	15,460.8	-1,794.2	4,948.4	18,614.9
1985	131.6	1,588.1	R 1,719.8	4,873.0	R 1,444.9	92.2	R 875.5	5,273.5	157.5	1,035.8	R 8,879.4	265.7	60.1	R 15,798.0	-1,851.3	7,062.7	R 21,009.3
1986	122.9	R 1,530.8	R 1,653.7	4,234.0	R 1,174.1	48.4	R 881.1	3,869.3	181.9	867.8	R 7,022.6	288.6	R 42.5	R 13,241.3	-1,843.5	7,688.9	R 19,086.7
1987	129.3	R 1,378.0	R 1,507.3	3,771.4	R 1,249.3	46.8	R 1,074.2	4,195.8	126.4	857.1	R 7,549.6	336.8	43.6	R 13,208.7	-1,667.9	8,095.3	R 19,636.1
1988	141.7	R 1,229.5	R 1,371.1	3,933.5	R 1,194.9	85.3	R 1,176.7	4,430.5	82.2	795.8	R 7,765.4	482.3	R 45.7	R 13,598.0	-1,632.4	7,995.2	R 19,960.8
1989	131.2	R 1,141.5	R 1,272.7	R 4,376.4	R 1,314.8	109.3	R 337.5	4,855.4	R 60.2	874.6	R 7,551.9	478.1	R e 37.8	R e 13,716.9	R -1,557.2	8,157.3	R e 20,317.0
1990	116.4	R 1,166.4	R 1,282.7	R 4,271.3	R 1,987.3	130.1	R 419.3	5,202.6	R 58.7	R 966.4	R 8,764.3	432.4	R 50.5	R 14,801.3	R -1,546.2	8,306.5	R 21,561.6
1991	119.4	R 1,165.1	R 1,284.5	R 4,308.2	R 1,545.4	172.6	R 441.5	5,006.5	R 53.0	995.3	R 8,214.3	372.4	R 50.9	R 14,230.3	R -1,478.7	8,856.3	R 21,607.9
1992	124.4	R 1,065.4	R 1,189.8	R 4,433.6	R 1,509.3	185.8	R 362.8	4,906.4	R 38.9	1,069.2	R 8,072.5	401.9	R 50.5	R 14,148.3	R -1,415.9	8,597.1	R 21,329.6
1993	113.0	R 1,247.1	R 1,360.1	R 5,098.8	R 1,612.8	213.6	R 682.4	4,932.9	R 35.4	996.3	R 8,473.3	430.5	R 30.6	R 15,393.3	R -1,633.2	9,064.6	R 22,824.7
1994	103.6	R 1,206.6	R 1,310.2	R 4,963.3	R 1,328.9	208.1	R 653.1	5,233.4	R 41.2	1,040.7	R 8,505.4	400.7	R 30.3	R 15,209.9	R -1,597.2	8,952.6	R 22,565.3
1995	120.5	R 1,219.3	R 1,339.8	R 4,392.9	R 1,487.7	226.7	R 709.2	5,502.1	R 21.8	1,037.9	R 8,985.5	416.4	R 33.8	R 15,168.5	R -1,624.2	9,656.0	R 23,200.2
1996	125.4	R 1,362.3	R 1,487.7	R 5,253.0	R 1,769.3	319.0	R 836.1	5,978.4	R 35.6	1,010.3	R 9,948.8	372.3	R 37.5	R 17,099.2	R -1,731.7	9,599.4	R 24,966.9
1997	R 124.1	R 1,387.9	R 1,512.0	R 5,380.1	R 1,708.6	309.7	R 813.5	5,880.3	R 21.5	974.2	R 9,707.8	R 256.5	R 32.3	R 16,888.7	R -1,669.9	9,688.3	R 24,907.1
1998	R 114.7	R 1,353.1	R 1,467.8	R 4,399.8	R 1,572.3	241.4	R 452.0	5,162.5	R 15.3	R 1,018.4	R 8,461.9	R 285.8	R 24.0	R 14,639.3	R -1,676.3	9,734.2	R 22,697.2
1999	112.6	R 1,271.7	R 1,384.3	R 4,743.0	R 1,907.5	399.2	R 663.5	5,773.4	R 7.9	R 1,114.2	R 9,865.8	R 421.7	R 27.2	R 16,441.9	R -1,733.9	9,182.2	R 23,890.2
2000	R 95.7	R 1,112.5	R 1,208.2	R 6,713.6	R 2,548.2	840.8	R 887.5	7,795.9	R 22.9	R 1,119.1	R 13,214.5	R 425.5	R 34.9	R 21,596.6	R -1,700.3	9,293.1	R 29,189.5
2001	81.0	1,139.1	1,220.1	7,468.7	2,415.5	601.3	799.6	7,732.7	100.8	1,026.2	12,676.1	389.4	28.6	21,783.0	-1,707.1	9,310.6	29,386.5

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Illinois

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.03	1.02	1.21	1.65	2.02	1.48	0.57	1.10	7.97	1.89
1975	2.11	1.57	2.57	3.18	3.72	2.95	1.12	1.83	11.41	3.06
1980	2.15	3.53	6.91	8.71	7.07	7.02	2.87	3.76	17.78	6.01
1985	2.34	5.34	7.38	7.02	7.82	7.53	3.24	R 5.43	26.42	8.97
1986	2.05	4.96	5.47	5.26	6.55	R 5.92	2.60	4.97	27.74	R 9.06
1987	2.27	4.74	6.04	6.44	6.94	R 6.48	2.48	4.78	29.82	R 9.67
1988	2.08	4.52	5.87	4.90	6.77	R 6.22	2.50	4.56	28.54	R 9.02
1989	2.20	4.81	6.12	5.76	8.16	R 7.17	R 2.76	R 4.88	29.21	8.97
1990	2.26	4.95	7.36	7.24	7.90	R 7.66	3.56	R 5.03	29.07	9.56
1991	2.19	4.86	7.10	7.30	7.02	7.05	3.41	R 4.91	28.92	9.58
1992	2.16	5.00	6.71	6.85	7.61	7.33	3.12	5.04	30.17	9.47
1993	2.26	5.41	6.47	6.18	7.54	7.26	3.05	5.44	30.13	10.00
1994	2.27	5.39	6.01	6.25	8.45	R 7.83	2.96	5.44	29.26	R 10.05
1995	2.30	4.57	6.01	7.28	8.45	R 7.85	2.90	4.66	30.40	9.71
1996	2.13	5.18	6.84	8.22	9.88	R 9.29	R 3.32	5.33	30.31	9.85
1997	1.99	5.83	6.67	8.30	9.91	R 9.31	3.31	5.96	30.58	10.68
1998	2.03	5.35	5.63	7.96	8.56	8.17	2.87	5.45	28.86	10.94
1999	1.89	5.38	5.49	8.36	8.49	R 8.18	2.95	5.53	25.89	9.94
2000	1.87	7.17	8.39	9.29	11.95	R 11.49	4.43	7.34	25.89	11.30
2001	2.19	8.86	8.59	10.54	13.09	12.50	4.22	8.96	25.54	12.91
	Expenditures in Million Nominal Dollars									
1970	29.1	459.4	84.1	12.5	65.7	162.2	1.3	652.0	612.9	1,264.9
1975	10.9	772.0	185.3	22.1	126.3	333.7	2.8	1,119.3	1,026.4	2,145.7
1980	1.9	1,728.1	141.3	7.9	105.2	254.4	24.6	2,009.0	1,815.6	3,824.7
1985	R 3.1	2,480.4	R 100.8	22.6	99.1	R 222.5	27.4	R 2,733.4	2,702.2	R 5,435.6
1986	R 2.8	2,214.8	R 73.7	6.0	72.2	R 151.8	21.4	R 2,390.9	2,930.9	R 5,321.8
1987	R 3.4	1,961.9	R 73.9	5.5	83.3	R 162.6	22.5	R 2,150.4	3,254.9	R 5,405.3
1988	R 2.8	2,126.8	R 76.5	6.0	75.4	R 157.9	23.6	R 2,311.0	3,309.0	R 5,620.1
1989	R 3.2	2,459.9	R 65.7	6.8	105.4	R 177.8	27.1	R 2,668.0	3,227.0	R 5,895.1
1990	R 2.7	2,237.3	R 59.8	4.2	91.8	R 155.8	36.2	R 2,432.0	3,260.4	R 5,692.4
1991	R 2.3	2,311.5	R 50.7	4.8	96.3	R 151.7	R 36.6	R 2,502.1	3,549.1	R 6,051.2
1992	R 2.5	2,419.6	R 38.8	2.4	101.0	R 142.1	R 35.2	R 2,599.4	3,331.9	R 5,931.2
1993	R 2.4	2,734.1	R 28.0	2.8	105.5	136.3	17.5	R 2,890.3	3,621.7	R 6,512.0
1994	2.0	2,605.8	R 25.7	2.6	115.8	R 144.1	16.6	R 2,768.5	3,564.3	R 6,332.8
1995	1.5	2,333.7	R 26.7	3.5	118.5	R 148.6	18.1	R 2,501.9	3,981.8	R 6,483.7
1996	1.1	2,844.6	R 29.7	4.5	186.2	R 220.4	20.7	R 3,086.8	3,881.8	R 6,968.6
1997	1.5	2,958.5	R 27.5	5.1	189.7	R 222.4	12.1	R 3,194.5	3,886.3	R 7,080.8
1998	1.2	2,241.7	R 13.7	5.4	139.1	R 158.2	9.5	R 2,410.6	3,908.4	R 6,319.0
1999	0.9	2,448.7	R 16.2	24.7	200.0	R 240.9	R 10.5	R 2,700.9	3,500.7	R 6,201.6
2000	1.0	3,423.5	R 20.1	R 6.4	234.3	R 260.8	16.4	R 3,701.7	3,546.3	R 7,248.0
2001	1.2	3,861.4	16.0	7.2	193.3	216.4	13.4	4,092.4	3,644.6	7,737.0

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Illinois

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.46	0.73	1.04	0.82	1.11	3.05	0.60	0.85	0.57	0.74	6.61	1.94
1975	1.19	1.28	2.39	2.51	2.29	4.73	1.36	2.01	1.12	1.43	10.38	3.61
1980	1.71	3.27	6.49	5.93	4.93	9.81	5.51	6.41	2.87	3.67	16.70	7.35
1985	1.72	4.84	6.10	7.02	9.34	9.03	4.14	R 6.48	3.24	R 4.98	22.36	R 10.20
1986	1.60	4.47	3.80	5.26	7.72	6.78	2.38	R 4.21	2.60	4.38	23.72	R 10.68
1987	1.44	4.33	4.34	6.44	7.20	7.23	2.93	R 4.66	2.48	4.29	22.95	R 10.94
1988	1.36	4.12	3.85	4.90	7.31	7.27	2.39	R 4.41	2.50	R 4.09	21.38	R 10.04
1989	1.37	4.45	4.37	5.76	7.44	8.00	2.43	R 5.22	2.76	4.43	22.24	R 10.99
1990	1.39	4.54	5.37	7.24	10.14	9.35	2.29	R 6.43	3.56	R 4.61	22.18	R 11.10
1991	1.41	R 4.48	4.99	7.30	9.10	9.13	2.63	6.25	3.34	4.52	22.68	11.60
1992	1.29	4.57	4.87	6.85	8.32	8.79	2.80	R 5.90	3.05	R 4.58	23.06	11.49
1993	1.29	4.99	4.60	6.18	9.19	8.57	2.86	5.50	3.02	4.95	22.93	11.88
1994	1.29	5.01	4.49	6.25	8.24	8.99	2.69	R 5.29	2.86	4.95	21.86	R 11.72
1995	1.27	4.33	4.55	7.28	8.26	9.49	2.78	R 5.46	2.82	R 4.34	22.54	R 11.69
1996	1.30	4.83	5.59	8.22	10.04	10.27	3.28	R 6.66	3.32	R 4.89	22.76	11.87
1997	1.28	5.32	5.04	8.30	10.60	9.95	3.07	R 6.37	3.30	5.29	22.67	R 12.33
1998	1.28	4.96	3.81	7.96	9.47	8.71	2.75	R 5.21	2.81	4.89	22.28	12.74
1999	1.29	5.09	4.35	8.36	8.86	9.33	2.84	R 6.00	2.79	5.08	20.91	R 12.21
2000	1.25	6.75	7.32	9.29	11.80	12.47	4.39	R 8.84	4.12	6.77	20.57	12.92
2001	1.32	8.38	6.75	10.54	13.30	12.25	5.52	8.41	3.67	8.23	20.22	13.87
	Expenditures in Million Nominal Dollars											
1970	10.3	144.9	22.9	0.2	6.4	8.5	28.8	66.8	(s)	222.0	505.6	727.6
1975	14.4	283.2	54.4	0.7	13.7	16.8	42.4	128.0	0.1	425.7	994.8	1,420.5
1980	5.5	761.8	79.4	0.5	12.9	51.9	91.1	236.0	0.6	1,003.9	1,799.3	2,803.2
1985	R 8.0	1,073.9	R 146.7	3.8	20.9	26.1	8.9	R 206.4	0.7	R 1,289.0	2,485.9	R 3,774.9
1986	R 7.4	934.7	R 46.3	2.9	15.0	20.5	13.3	R 98.0	0.7	R 1,040.8	2,719.7	R 3,760.5
1987	R 7.2	838.7	R 45.8	1.5	15.2	21.0	16.8	R 100.4	0.8	R 947.1	2,803.6	R 3,750.7
1988	R 6.4	901.9	R 46.2	1.6	14.4	20.8	8.7	R 91.7	0.9	R 1,000.9	2,750.5	R 3,751.4
1989	R 7.5	892.6	R 41.8	2.1	16.9	19.7	3.5	R 84.0	1.0	R 985.1	2,884.9	R 3,870.0
1990	R 6.6	929.2	R 56.3	1.1	20.8	27.5	R 2.9	R 108.6	2.3	R 1,046.8	2,951.1	R 3,997.8
1991	R 6.7	883.9	R 49.0	1.6	22.0	19.2	0.6	R 92.5	2.4	R 985.5	3,154.9	R 4,140.4
1992	R 6.8	915.9	R 50.7	1.3	19.5	17.3	0.8	R 89.6	2.3	R 1,014.6	3,056.3	R 4,070.9
1993	R 6.2	1,036.1	R 53.6	1.1	22.7	5.9	1.0	R 84.4	1.4	1,128.1	3,278.9	4,407.0
1994	6.3	1,011.5	R 52.7	1.8	19.9	7.6	1.1	R 83.1	1.4	R 1,102.3	3,252.6	R 4,354.9
1995	5.6	900.8	R 49.6	3.3	20.5	6.8	0.8	R 80.9	1.4	R 988.7	3,475.7	R 4,464.4
1996	4.9	1,072.8	R 59.2	3.1	33.4	9.9	R 3.9	R 109.5	1.7	R 1,188.9	3,539.7	R 4,728.6
1997	7.7	1,101.5	R 64.7	5.1	35.8	11.6	R 2.5	R 119.8	1.3	R 1,230.3	3,588.7	R 4,818.9
1998	R 5.9	885.7	R 41.3	1.8	27.2	10.3	R 2.0	R 82.6	1.2	R 975.3	3,655.8	R 4,631.1
1999	R 4.5	980.3	R 37.2	4.0	36.8	7.4	R 1.4	R 86.8	1.3	R 1,072.9	3,613.4	R 4,686.2
2000	5.6	1,392.2	R 68.3	R 3.6	40.8	14.5	R 0.4	R 127.6	2.0	R 1,527.4	3,730.1	R 5,257.5
2001	5.9	1,617.3	71.4	3.9	34.7	16.2	2.0	128.1	1.5	1,752.8	3,825.5	5,578.3

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Illinois

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	0.42	0.46	0.44	0.49	0.64	0.76	0.82	1.11	5.08	3.05	0.59	1.59	1.17	3.64	0.76	3.56	0.97
1975	1.49	1.19	1.33	1.19	1.99	2.33	2.51	2.29	7.48	4.73	2.14	2.91	2.60	3.64	1.80	6.43	2.26
1980	1.93	1.71	1.79	3.10	3.83	5.37	5.93	4.93	14.36	9.81	3.78	8.57	5.80	3.51	4.08	11.82	4.99
1985	2.08	1.72	1.88	4.57	4.91	6.16	6.61	9.34	17.61	9.03	4.14	8.77	R 7.96	3.51	5.22	15.35	6.75
1986	2.05	1.60	1.78	4.06	4.57	4.30	5.02	7.72	15.59	6.78	2.38	6.16	R 6.32	3.11	4.50	16.46	6.27
1987	1.92	1.44	1.64	3.77	3.34	4.69	4.80	7.20	13.58	7.23	2.93	6.94	R 6.27	3.11	R 4.42	16.54	R 6.11
1988	2.02	1.36	1.63	3.36	3.51	4.27	4.09	7.31	14.62	7.27	2.39	5.92	R 6.23	3.11	4.19	15.14	R 5.73
1989	1.92	1.37	1.61	3.65	2.92	4.43	5.23	7.44	14.48	8.00	2.43	6.85	R 5.68	R d 3.11	R d 3.83	15.75	R d 5.80
1990	1.84	1.39	1.58	4.01	3.20	5.72	6.85	10.14	14.60	9.35	2.29	R 7.18	R 6.55	R 1.66	4.31	15.82	R 6.23
1991	1.99	1.41	1.63	3.70	3.38	5.48	5.58	9.10	16.80	9.13	2.63	6.15	6.37	R 1.66	R 4.10	16.09	R 6.04
1992	2.00	1.29	1.59	3.68	3.02	5.69	4.80	8.32	18.32	8.79	2.80	6.34	6.18	R 1.64	R 4.08	16.04	R 6.07
1993	1.95	1.29	1.55	4.35	3.31	5.46	4.79	9.19	18.96	8.57	2.86	5.74	6.79	R 1.64	R 4.59	15.97	R 6.42
1994	1.90	1.29	1.51	4.30	3.36	5.39	4.86	7.22	19.11	8.99	2.69	5.60	R 6.23	R 2.29	R 4.42	15.19	6.17
1995	1.97	1.27	1.57	3.50	3.37	5.34	4.58	7.57	19.41	9.49	2.78	5.94	R 6.49	R 2.21	4.20	15.45	R 6.02
1996	1.94	1.30	1.57	4.04	3.33	6.30	5.66	9.22	20.08	10.27	3.28	7.74	7.38	R 2.24	4.65	15.36	6.41
1997	R 1.89	1.28	R 1.54	3.89	3.31	5.51	4.93	8.98	17.98	9.95	3.07	7.16	R 7.02	R 1.84	4.43	15.51	R 6.26
1998	R 1.80	1.28	R 1.50	3.87	3.61	4.08	3.60	7.85	19.07	8.71	2.75	R 5.42	R 5.77	R 2.22	R 4.00	14.98	R 5.88
1999	R 1.74	1.29	R 1.48	3.97	3.76	4.96	4.07	8.03	16.75	9.33	2.84	R 6.52	R 6.31	R 2.18	R 4.28	14.63	R 5.99
2000	R 1.66	1.25	R 1.43	R 5.72	3.75	7.75	7.88	12.51	17.99	12.47	4.39	R 8.12	R 8.44	R 2.23	R 5.77	14.62	R 7.28
2001	1.73	1.32	1.48	6.75	4.21	7.47	7.17	11.84	19.00	12.25	5.52	7.60	8.36	2.11	6.27	14.42	7.65
	Expenditures in Million Nominal Dollars																
1970	41.6	73.9	115.5	179.9	53.8	47.4	10.2	74.2	62.1	96.4	46.8	68.3	459.2	20.6	775.2	294.3	1,069.5
1975	120.7	109.5	230.2	418.0	135.0	150.9	19.2	185.6	75.7	106.5	117.0	130.8	920.8	21.6	1,590.6	618.3	2,208.9
1980	93.7	135.1	228.7	1,049.4	205.7	240.0	14.4	581.2	170.6	180.7	214.4	518.0	2,125.1	27.3	3,430.5	1,322.1	4,752.6
1985	131.6	135.5	267.1	1,287.4	244.5	R 236.6	3.4	740.2	190.4	82.5	44.3	413.3	R 1,955.2	32.0	R 3,541.6	1,849.8	R 5,391.4
1986	122.9	141.2	264.1	1,055.7	187.4	R 243.1	3.0	782.5	164.8	56.0	28.8	367.4	R 1,833.0	20.4	R 3,173.2	2,009.9	R 5,183.1
1987	129.3	131.0	260.3	959.0	140.1	R 287.8	3.0	966.9	162.3	59.6	35.2	413.1	R 2,068.1	20.3	R 3,307.7	2,008.4	R 5,316.2
1988	141.7	138.5	280.2	885.8	130.4	R 204.7	1.7	1,077.3	168.4	57.1	30.6	350.4	R 2,020.8	21.2	R 3,207.9	1,908.8	R 5,116.7
1989	131.2	119.8	251.0	1,000.6	156.0	R 207.4	2.8	207.2	171.2	59.6	R 23.3	395.4	R 1,222.9	R d 9.0	R d 2,483.6	2,016.8	R d 4,500.4
1990	116.4	121.6	237.9	1,079.6	176.9	R 294.8	1.8	293.1	177.6	62.1	R 17.7	R 460.0	R 1,483.9	R 10.9	R 2,812.3	2,067.8	R 4,880.0
1991	119.4	136.4	255.8	1,084.8	177.5	R 244.1	1.5	311.7	182.8	64.4	R 8.4	478.0	R 1,468.5	R 10.7	R 2,819.7	2,123.5	R 4,943.2
1992	124.4	109.2	233.6	1,076.7	186.1	R 279.0	1.3	231.6	203.2	56.0	R 4.0	510.3	R 1,471.4	R 10.2	R 2,792.0	2,180.5	R 4,972.5
1993	113.0	116.7	229.7	R 1,288.2	138.7	R 225.9	1.7	543.8	214.2	71.6	R 6.2	462.6	R 1,664.6	R 10.0	R 3,192.5	2,135.3	R 5,327.8
1994	103.6	121.9	225.5	R 1,274.8	174.0	R 218.4	2.2	497.5	225.7	71.3	R 6.3	451.9	R 1,647.2	R 10.2	R 3,157.8	2,109.6	R 5,267.4
1995	120.5	106.0	226.5	R 1,091.0	166.7	R 243.3	3.4	559.1	225.3	74.2	R 3.2	451.2	R 1,726.4	R 10.7	R 3,054.6	2,171.8	R 5,226.4
1996	125.4	111.0	236.4	R 1,267.4	201.8	R 281.8	7.6	607.2	226.2	78.4	R 5.8	381.8	R 1,790.5	R 10.5	R 3,304.7	2,148.7	R 5,453.4
1997	R 124.1	R 115.4	R 239.5	R 1,205.3	183.6	R 259.7	4.2	581.7	213.9	77.2	R 6.4	387.6	R 1,714.4	R 10.0	R 3,169.2	2,184.2	R 5,353.4
1998	R 114.7	R 113.3	R 228.0	R 1,144.7	236.5	R 226.0	3.9	276.2	237.5	61.1	R 0.6	R 341.3	R 1,383.1	R 8.0	R 2,763.9	2,141.4	R 4,905.3
1999	112.6	107.6	R 220.2	R 1,183.4	281.5	R 213.3	1.3	411.7	210.7	52.8	R 0.7	R 421.1	R 1,593.3	R 8.0	R 3,004.9	2,042.2	R 5,047.1
2000	R 95.7	98.5	R 194.2	R 1,670.9	225.1	R 351.5	R 3.2	600.2	223.0	67.1	R 3.9	R 476.9	R 1,950.9	R 6.4	R 3,822.4	1,990.9	R 5,813.4
2001	81.0	98.6	179.6	1,812.1	254.7	328.3	2.9	564.8	215.8	133.4	4.1	368.7	1,872.8	7.0	3,871.5	1,815.7	5,687.2

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Illinois

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.46	—	2.17	1.39	0.74	1.11	5.08	3.05	0.57	2.47	2.47	4.08	2.47
1975	1.19	—	3.45	2.84	2.08	2.29	7.48	4.73	1.61	4.06	4.06	6.11	4.07
1980	—	—	9.02	7.45	6.38	4.93	14.36	9.81	5.32	8.99	8.99	11.82	9.00
1985	—	—	9.99	8.52	6.00	R 10.01	17.61	9.03	5.88	8.99	8.99	19.14	R 9.01
1986	—	—	8.41	6.60	4.22	R 8.31	15.59	6.78	4.86	6.81	6.81	20.87	6.84
1987	—	—	7.55	6.89	4.21	R 7.74	13.58	7.23	3.32	7.20	7.20	20.31	7.23
1988	—	—	7.41	6.91	3.84	R 7.86	14.62	7.27	2.59	7.18	7.18	18.70	7.20
1989	—	—	8.28	7.20	4.32	R 8.09	14.48	8.00	2.90	7.81	7.81	19.82	7.83
1990	—	4.40	9.32	8.73	5.84	R 11.36	14.60	9.35	3.11	R 9.17	R 9.17	19.63	R 9.19
1991	—	3.35	8.71	8.21	4.75	R 10.19	16.80	9.13	2.39	8.82	8.82	20.05	8.84
1992	—	3.73	8.54	8.08	4.44	R 9.32	18.32	8.79	2.50	R 8.52	R 8.52	20.32	8.54
1993	—	3.96	8.24	8.16	4.12	R 10.30	18.96	8.57	2.39	8.31	8.31	20.60	8.33
1994	—	3.15	7.96	8.16	3.82	R 10.33	19.11	8.99	2.56	R 8.61	R 8.61	18.97	R 8.63
1995	—	2.83	8.36	8.17	3.86	R 10.72	19.41	9.49	2.73	R 8.94	R 8.94	19.94	R 8.96
1996	—	3.38	9.29	9.06	4.66	R 10.44	20.08	10.27	3.43	9.67	9.67	20.03	R 9.69
1997	—	2.95	9.39	8.88	4.37	R 9.86	17.98	9.95	R 3.19	R 9.36	9.35	20.05	9.37
1998	—	2.70	8.11	7.82	3.24	R 9.72	19.07	8.71	2.49	8.16	8.16	19.92	8.18
1999	—	2.88	8.81	8.34	3.86	R 12.23	16.75	9.33	R 3.17	R 8.59	8.58	17.45	8.60
2000	—	4.30	R 10.87	10.97	6.53	R 15.51	17.99	12.47	R 3.21	R 11.42	11.41	16.50	11.42
2001	—	5.26	11.01	10.60	5.68	16.84	19.00	12.25	5.09	11.22	11.22	15.92	11.23
	Expenditures in Million Nominal Dollars												
1970	0.2	—	2.9	123.2	95.2	2.2	38.2	1,610.4	1.5	1,873.5	1,873.7	4.1	1,877.8
1975	(s)	—	1.4	338.4	285.7	4.1	65.9	2,822.2	2.2	3,519.9	3,519.9	5.5	3,525.4
1980	—	—	6.0	978.7	704.0	3.2	131.8	5,390.1	9.4	7,223.2	7,223.2	11.4	7,234.5
1985	—	—	10.7	R 945.5	92.2	R 15.2	147.1	5,164.9	6.9	R 6,382.6	R 6,382.6	24.8	R 6,407.3
1986	—	—	8.9	R 801.4	48.4	R 11.4	127.4	3,792.9	2.6	R 4,792.9	R 4,792.9	28.4	R 4,821.3
1987	—	—	6.1	R 831.3	46.8	R 8.8	125.4	4,115.1	2.1	R 5,135.7	R 5,135.7	28.3	R 5,163.9
1988	—	—	7.0	R 855.4	85.3	R 9.6	130.2	4,352.5	5.7	R 5,445.7	R 5,445.7	26.8	R 5,472.6
1989	—	—	8.0	R 988.3	109.3	R 8.0	132.3	4,776.1	1.0	R 6,023.0	R 6,023.0	28.5	R 6,051.6
1990	—	(s)	7.7	R 1,561.4	130.1	R 13.5	137.3	5,113.0	1.0	R 6,964.0	R 6,964.0	27.3	R 6,991.3
1991	—	(s)	7.7	R 1,188.0	172.6	R 11.5	141.3	4,922.9	0.2	R 6,444.2	R 6,444.3	28.9	R 6,473.1
1992	—	R 0.2	7.6	R 1,131.3	185.8	R 10.8	157.1	4,833.2	0.5	R 6,326.2	R 6,326.5	28.5	R 6,355.0
1993	—	R 0.3	9.6	R 1,293.8	213.6	R 10.4	165.5	4,855.4	0.6	R 6,548.9	R 6,549.1	28.8	R 6,578.0
1994	—	R 0.2	8.2	R 1,017.8	208.1	R 19.9	174.4	5,154.6	0.8	R 6,583.8	R 6,584.1	26.2	R 6,610.2
1995	—	R 0.3	9.1	R 1,156.0	226.7	R 11.1	174.1	5,421.1	0.6	R 6,998.7	R 6,999.0	26.7	R 7,025.8
1996	—	R 0.5	9.5	R 1,383.2	319.0	R 9.3	174.8	5,890.1	0.7	R 7,786.6	R 7,787.1	29.2	R 7,816.2
1997	—	R 0.7	9.3	R 1,341.3	309.7	R 6.2	165.3	5,791.4	R 0.9	R 7,624.2	R 7,624.9	29.2	R 7,654.0
1998	—	R 0.5	6.9	R 1,279.8	241.4	R 9.5	183.6	5,091.0	0.6	R 6,812.7	R 6,813.3	28.7	R 6,841.9
1999	—	R 0.7	7.7	R 1,630.0	399.2	R 14.9	162.9	5,713.2	R 0.6	R 7,928.5	R 7,929.3	26.0	R 7,955.3
2000	—	R 1.2	R 8.6	R 2,093.4	840.8	R 12.1	172.4	7,714.4	R 1.9	R 10,843.6	R 10,844.8	25.9	R 10,870.7
2001	—	1.7	6.3	1,988.9	601.3	6.8	166.8	7,583.1	4.3	10,357.5	10,359.2	24.8	10,384.0

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Illinois (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.30	0.35	0.60	0.67	—	0.63	0.15	0.65	—	—	0.32
1975	0.75	1.13	1.35	2.21	—	1.63	0.18	—	—	—	0.69
1980	1.62	3.19	5.60	6.38	—	5.64	0.33	—	—	—	1.60
1985	2.18	5.19	6.03	6.05	—	6.03	0.64	—	—	—	1.68
1986	2.12	4.62	5.24	3.64	—	5.09	0.64	—	—	—	1.62
1987	2.00	3.66	3.56	4.22	—	3.63	0.64	—	—	—	1.43
1988	1.91	3.27	2.95	3.77	—	3.12	0.66	—	—	—	1.23
1989	1.81	3.26	3.36	4.39	—	3.59	0.60	0.67	—	—	1.14
1990	1.75	2.67	3.63	5.26	—	3.99	0.57	0.46	—	—	1.12
1991	1.71	2.10	2.73	4.72	—	3.03	0.49	0.50	—	—	1.07
1992	1.74	2.20	2.81	4.44	—	3.06	0.52	1.11	—	—	1.05
1993	1.70	2.44	2.66	4.19	—	2.97	0.52	0.55	—	—	1.08
1994	1.61	2.00	2.64	3.92	—	2.93	0.53	0.56	—	—	1.08
1995	1.63	1.68	2.70	3.87	0.62	2.60	0.51	0.87	—	—	1.04
1996	1.63	2.57	3.40	4.80	0.75	3.45	0.51	0.82	—	—	1.12
1997	1.55	2.51	3.20	4.76	0.95	3.88	0.48	0.89	—	—	1.18
1998	1.56	2.21	2.60	3.32	0.80	2.48	0.49	0.61	—	—	1.16
1999	1.44	2.36	3.08	4.02	0.60	3.31	0.49	0.66	—	—	1.00
2000	1.15	4.69	3.35	7.06	—	4.45	0.46	0.92	—	—	0.91
2001	1.19	3.68	5.37	6.48	—	5.47	0.40	0.71	—	—	0.89
	Expenditures in Million Nominal Dollars										
1970	180.2	47.7	12.2	10.3	—	22.5	4.1	(s)	—	—	254.5
1975	494.2	39.8	61.4	49.1	—	110.5	45.2	—	—	—	689.6
1980	1,151.8	62.5	449.3	31.3	—	480.6	99.4	—	—	—	1,794.2
1985	1,441.6	31.3	97.4	15.4	—	112.7	265.7	—	—	—	1,851.3
1986	1,379.4	28.8	137.1	9.7	—	146.8	288.6	—	—	—	1,843.5
1987	1,236.5	11.9	72.3	10.4	—	82.8	336.8	—	—	—	1,667.9
1988	1,081.7	19.0	37.2	12.1	—	49.3	482.3	—	—	—	1,632.4
1989	1,010.9	23.3	32.5	11.6	—	44.1	478.1	0.7	—	—	1,557.2
1990	1,035.5	25.2	37.0	15.0	—	52.1	432.4	1.1	—	—	1,546.2
1991	1,019.8	27.9	43.7	13.6	—	57.3	372.4	1.3	—	—	1,478.7
1992	946.9	21.2	33.7	9.5	—	43.1	401.9	2.8	—	—	1,415.9
1993	1,121.7	40.2	27.6	11.4	—	39.0	430.5	1.7	—	—	1,633.2
1994	1,076.4	70.9	33.0	14.2	—	47.2	400.7	2.0	—	—	1,597.2
1995	1,106.3	67.0	17.2	12.2	1.4	30.8	416.4	3.7	—	—	1,624.2
1996	1,245.4	67.7	25.3	15.3	1.1	41.7	372.3	4.6	—	—	1,731.7
1997	1,263.4	114.2	11.6	15.3	0.1	27.0	256.5	8.9	—	—	1,669.9
1998	1,232.7	127.2	12.2	11.5	1.7	25.3	285.8	5.3	—	—	1,676.3
1999	1,158.7	129.8	5.2	10.7	0.3	16.3	421.7	7.4	—	—	1,733.9
2000	1,007.3	225.8	16.7	14.9	—	31.7	425.5	10.1	—	—	1,700.3
2001	1,033.4	176.2	90.3	10.9	—	101.2	389.4	6.8	—	—	1,707.1

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Indiana

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	0.44	0.32	0.36	0.68	1.03	0.74	1.86	2.98	0.57	1.41	2.04	—	2.19	0.94	0.26	5.15	1.44
1975	1.76	0.73	1.09	1.16	2.49	2.08	3.34	4.75	1.81	2.85	3.56	—	2.57	1.91	0.62	7.08	2.83
1980	2.13	1.31	1.53	2.88	6.85	6.38	6.08	10.00	3.63	6.38	7.89	—	2.93	3.68	1.30	12.32	5.65
1985	2.24	1.64	1.77	4.71	R 7.67	5.81	R 8.95	8.85	4.40	7.15	7.87	—	3.08	4.11	1.66	16.95	R 6.91
1986	2.05	R 1.58	1.66	4.59	R 5.74	3.80	R 8.05	6.48	2.62	5.59	R 5.76	—	2.70	3.49	1.59	17.74	R 6.26
1987	1.92	1.46	1.55	4.08	R 6.07	3.96	R 7.64	6.90	2.64	4.86	R 5.95	—	R 2.64	R 3.43	1.47	16.91	6.07
1988	2.02	1.44	1.57	4.31	R 5.73	3.74	R 7.65	6.94	2.10	4.81	R 5.91	—	2.65	3.36	1.44	16.53	6.04
1989	1.92	1.37	1.48	4.52	R 6.35	4.33	R 9.03	7.60	2.34	R 4.91	R 6.48	—	R e 2.50	R e 3.53	1.37	15.92	R e 6.29
1990	1.84	1.37	1.46	4.26	R 7.50	5.62	R 9.92	8.74	2.66	R 4.83	R 7.41	—	R 2.47	3.72	1.38	15.75	R 6.69
1991	1.99	1.36	1.46	4.25	7.09	4.76	R 9.66	8.60	2.37	R 5.28	R 7.23	—	R 2.46	3.66	1.36	15.65	6.71
1992	2.00	1.32	1.42	4.18	6.79	4.41	R 9.14	8.28	2.46	R 5.19	R 6.93	—	R 2.32	3.56	1.32	15.59	6.59
1993	1.95	1.28	1.37	4.52	R 6.76	4.10	R 9.36	8.11	2.20	R 5.11	R 6.82	—	R 2.05	R 3.60	1.28	15.20	R 6.64
1994	1.90	1.28	1.34	5.13	R 6.89	3.82	R 8.72	8.25	2.25	R 5.05	R 6.82	—	R 2.23	R 3.76	1.29	15.42	R 7.03
1995	1.97	1.27	1.35	R 4.12	6.94	3.85	R 9.02	8.59	2.54	R 5.68	R 7.19	—	R 2.04	R 3.62	1.27	15.40	R 6.85
1996	1.94	1.21	1.29	4.37	R 7.89	4.70	10.90	9.12	3.00	R 5.58	R 7.91	—	R 2.15	R 3.83	1.21	15.38	R 7.15
1997	R 1.89	1.18	1.25	5.08	7.52	4.47	10.63	9.18	R 3.07	R 5.39	R 7.77	—	R 1.95	3.88	1.18	15.55	R 7.34
1998	R 1.80	1.14	1.22	R 4.97	R 6.31	3.35	R 9.29	7.99	2.51	R 4.88	R 6.75	—	R 1.82	R 3.51	1.14	15.70	R 6.99
1999	R 1.74	R 1.13	R 1.20	4.72	R 6.99	3.94	R 9.25	8.75	R 2.82	R 4.85	R 7.27	—	R 1.70	R 3.63	1.13	15.55	R 7.14
2000	R 1.71	1.10	1.18	5.39	R 9.61	6.51	R 12.46	11.61	R 3.72	R 6.45	R 9.89	—	R 2.10	R 4.41	R 1.13	15.24	R 8.20
2001	1.76	1.17	1.25	8.35	8.74	5.78	13.68	11.00	4.33	6.10	9.41	—	1.80	4.71	1.20	15.57	8.78
	Expenditures in Million Nominal Dollars																
1970	151.8	214.7	366.5	359.0	176.3	10.6	62.9	921.2	14.2	122.0	1,307.2	—	10.9	2,043.6	-136.5	657.3	2,564.3
1975	651.7	502.3	1,154.1	532.0	473.9	30.4	150.9	1,614.2	120.0	231.0	2,620.4	—	14.9	4,321.3	-372.6	1,252.3	5,201.0
1980	684.0	1,091.4	1,775.3	1,343.1	1,227.3	76.5	174.3	3,162.9	261.7	452.3	5,355.0	—	28.8	8,502.1	-951.4	2,524.5	10,075.1
1985	560.1	R 1,546.5	R 2,106.6	1,995.4	R 1,385.8	507.4	R 157.8	2,694.9	57.9	569.0	R 5,372.9	—	33.1	R 9,508.0	-1,359.6	3,647.8	R 11,796.3
1986	429.4	R 1,450.4	R 1,879.8	1,776.1	R 1,062.3	400.2	R 177.8	2,043.5	44.8	439.4	R 4,168.0	—	24.4	R 7,848.3	-1,270.9	3,846.6	R 10,424.0
1987	454.8	R 1,355.9	R 1,810.6	1,639.6	R 1,153.6	428.4	R 168.6	2,295.0	43.7	456.3	R 4,545.6	—	25.1	R 8,020.9	-1,194.4	3,848.9	R 10,675.4
1988	561.8	R 1,426.1	R 1,987.9	1,920.7	R 972.0	350.1	R 186.9	2,337.0	29.9	442.0	R 4,317.7	—	26.2	R 8,252.6	-1,261.8	3,993.9	R 10,984.7
1989	502.0	R 1,415.7	R 1,917.7	2,043.8	R 1,246.8	429.8	R 264.2	2,461.9	R 35.3	R 422.4	R 4,860.2	—	R e 21.3	R e 8,843.0	R -1,262.7	3,912.8	R e 11,493.2
1990	437.9	R 1,543.8	R 1,981.7	R 1,876.3	R 1,439.1	569.3	R 334.9	2,843.4	R 46.9	R 502.0	R 5,735.5	—	R 28.9	R 9,622.5	R -1,405.0	3,927.0	R 12,144.5
1991	438.9	R 1,515.7	R 1,954.6	1,903.3	R 1,328.7	463.5	R 326.8	2,770.4	R 30.7	R 523.9	R 5,444.0	—	R 28.9	R 9,330.9	R -1,390.0	4,062.9	R 12,003.8
1992	384.2	R 1,451.2	R 1,835.5	1,976.6	R 1,236.8	399.7	R 231.2	2,696.6	R 40.2	R 509.0	R 5,113.4	—	R 27.8	R 8,953.3	R -1,329.3	4,042.4	R 11,666.4
1993	344.6	R 1,460.6	R 1,805.3	R 2,279.0	R 1,275.7	380.3	R 259.9	2,790.1	R 28.0	R 577.2	R 5,311.2	—	R 18.5	R 9,413.9	R -1,332.3	4,195.0	R 12,276.6
1994	246.4	R 1,498.1	R 1,744.6	R 2,593.9	R 1,350.1	374.5	R 222.9	2,883.0	R 27.7	R 604.5	R 5,462.7	—	R 18.2	R 9,819.4	R -1,386.4	4,356.0	R 12,788.9
1995	310.2	R 1,509.7	R 1,820.0	R 2,143.2	R 1,348.4	378.8	R 219.8	3,138.5	R 16.9	R 549.0	R 5,651.4	—	R 20.6	R 9,635.1	R -1,384.3	4,515.9	R 12,766.7
1996	302.4	R 1,477.1	R 1,779.5	R 2,420.4	R 1,594.9	335.4	R 334.2	3,308.0	R 14.9	R 646.3	R 6,233.7	—	R 24.4	R 10,458.0	R -1,333.8	4,608.9	R 13,733.0
1997	R 290.0	R 1,494.6	R 1,784.6	R 2,739.1	R 1,614.0	278.8	R 282.2	3,341.1	R 18.0	R 678.5	R 6,212.6	—	R 18.6	R 10,754.9	R -1,359.7	4,668.4	R 14,063.6
1998	R 318.1	R 1,448.4	R 1,766.5	R 2,534.8	R 1,349.4	183.1	R 178.0	3,085.6	R 9.4	R 608.3	R 5,413.7	—	R 16.5	R 9,731.5	R -1,356.7	4,867.2	R 13,242.0
1999	313.3	R 1,461.9	R 1,775.2	R 2,571.8	R 1,599.1	250.2	R 223.8	3,309.3	R 5.9	R 650.2	R 6,038.5	—	R 17.1	R 10,402.6	R -1,379.2	5,070.0	R 14,093.4
2000	R 388.5	R 1,499.4	R 1,888.0	R 3,038.3	R 2,246.2	517.1	R 377.1	4,468.1	R 13.4	R 720.7	R 8,342.7	—	R 19.6	R 13,288.6	R -1,452.1	5,021.6	R 16,858.1
2001	392.0	1,573.6	1,965.6	4,121.8	1,674.8	385.3	306.5	4,311.2	8.8	624.2	7,310.8	—	19.3	13,417.4	-1,481.5	5,130.3	17,066.2

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Indiana

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.10	1.00	1.21	1.59	2.10	1.52	0.57	1.17	6.56	2.00
1975	2.52	1.47	2.57	3.11	3.92	3.02	1.12	1.99	8.55	3.19
1980	2.43	3.19	7.18	8.55	7.37	7.31	2.87	4.08	13.86	6.38
1985	2.77	5.50	7.50	9.50	8.76	R 8.10	3.24	5.79	20.37	R 9.76
1986	2.83	5.47	5.66	6.88	7.64	R 6.39	2.60	R 5.51	21.14	R 9.93
1987	2.57	4.91	5.71	7.39	7.32	R 6.40	2.48	5.07	21.38	R 9.77
1988	2.54	5.08	5.71	6.66	7.46	R 6.46	2.50	5.21	20.95	R 9.63
1989	2.46	5.41	6.30	6.14	9.78	R 7.84	R 2.76	5.72	20.31	R 9.75
1990	2.62	5.28	7.52	7.82	10.09	R 8.80	3.56	R 5.71	20.14	R 10.03
1991	2.62	5.38	6.95	7.55	8.97	7.98	3.41	5.67	19.73	R 10.07
1992	2.58	5.37	6.14	7.78	9.46	R 7.90	3.12	5.61	20.11	9.89
1993	2.53	5.69	6.13	8.07	9.01	7.66	3.05	5.90	19.55	10.01
1994	2.52	6.16	6.15	8.16	9.88	R 8.30	2.96	6.37	19.86	R 10.58
1995	2.43	5.31	6.18	8.75	10.07	R 8.57	2.90	5.66	19.75	R 10.20
1996	2.31	5.48	6.90	6.00	11.97	R 10.12	R 3.32	6.05	19.85	10.18
1997	2.28	6.30	6.55	5.62	11.17	R 9.57	3.31	R 6.70	20.35	R 10.94
1998	2.34	6.45	5.66	8.70	9.68	R 8.43	2.87	6.64	20.55	11.64
1999	2.42	5.92	6.00	4.88	9.74	R 7.75	2.95	6.17	20.40	R 11.07
2000	2.41	6.26	9.14	9.18	13.52	12.22	4.43	7.03	20.12	R 11.42
2001	2.77	9.34	8.58	9.19	14.70	12.75	4.22	9.66	20.29	13.57
	Expenditures in Million Nominal Dollars									
1970	10.0	160.3	56.3	16.6	50.2	123.1	1.2	294.5	301.8	596.4
1975	15.0	237.0	129.4	12.6	97.1	239.1	2.3	493.4	477.5	970.9
1980	2.5	516.3	225.8	23.8	90.8	340.4	12.0	871.2	910.8	1,782.0
1985	R 7.1	810.4	R 116.1	25.1	73.9	R 215.0	R 13.5	R 1,046.0	1,376.4	R 2,422.3
1986	R 8.0	772.9	R 100.1	15.3	72.4	R 187.8	10.5	R 979.2	1,479.4	R 2,458.7
1987	R 7.3	688.3	R 101.1	16.9	79.6	R 197.6	R 11.2	R 904.3	1,544.4	R 2,448.8
1988	R 8.0	792.6	R 97.8	19.6	92.3	R 209.7	11.7	R 1,022.0	1,607.0	R 2,629.0
1989	R 6.0	857.6	R 98.9	18.5	147.1	R 264.5	13.4	R 1,141.5	1,544.0	R 2,685.6
1990	R 6.5	755.8	R 87.5	12.3	127.9	R 227.7	18.1	R 1,008.0	1,519.3	R 2,527.3
1991	R 4.6	799.6	R 78.2	13.5	113.1	R 204.9	18.2	R 1,027.3	1,630.5	R 2,657.8
1992	R 4.3	829.1	R 67.3	8.2	117.3	R 192.8	17.5	R 1,043.8	1,567.0	R 2,610.8
1993	R 3.5	944.3	R 75.6	11.6	122.4	R 209.6	8.8	R 1,166.3	1,666.4	R 2,832.7
1994	3.0	982.6	R 59.6	12.7	132.8	R 205.1	8.4	R 1,199.1	1,697.3	R 2,896.4
1995	2.0	864.9	R 53.1	10.7	137.4	R 201.2	R 9.2	R 1,077.3	1,790.1	R 2,867.3
1996	2.2	996.9	R 58.2	9.8	218.8	R 286.8	10.5	R 1,296.4	1,819.3	R 3,115.7
1997	2.2	1,077.4	R 48.2	9.6	202.1	R 260.0	6.3	R 1,345.9	1,843.6	R 3,189.5
1998	R 2.2	919.2	R 34.8	14.8	128.8	R 178.4	4.9	R 1,104.7	1,916.1	R 3,020.9
1999	R 2.5	913.7	R 36.6	36.8	157.3	R 230.8	5.4	R 1,152.4	2,005.3	R 3,157.7
2000	1.7	R 1,035.0	R 51.9	R 18.7	246.1	R 316.7	8.5	R 1,362.0	1,966.8	R 3,328.8
2001	1.8	1,410.0	38.9	18.6	196.9	254.5	6.9	1,673.2	2,037.2	3,710.4

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Indiana

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.52	0.83	1.04	0.81	1.28	2.98	0.70	1.09	0.57	0.87	6.58	1.81
1975	1.36	1.26	2.39	2.41	2.63	4.75	1.74	2.27	1.12	1.56	8.53	3.02
1980	1.58	2.99	6.66	6.14	5.10	10.00	4.35	5.51	2.87	3.68	13.36	6.15
1985	1.61	5.00	6.06	9.50	9.09	8.85	4.40	R 6.43	3.24	R 5.01	17.51	8.65
1986	1.53	4.90	3.62	6.88	8.32	6.48	2.61	R 4.53	2.60	R 4.48	18.42	8.98
1987	1.38	4.41	4.19	7.39	7.93	6.90	2.61	R 4.97	2.48	R 4.18	18.34	R 8.95
1988	1.48	4.53	3.73	6.66	7.81	6.94	2.08	R 4.77	2.50	R 4.22	18.72	9.32
1989	1.46	4.70	4.44	6.14	8.20	7.60	2.31	R 5.29	1.24	R 4.45	18.18	R 9.25
1990	1.45	R 4.53	5.31	7.82	9.83	8.74	2.64	R 6.82	1.52	R 4.46	17.95	R 9.46
1991	1.44	4.55	4.91	7.55	10.09	8.60	2.38	6.18	1.65	R 4.44	17.64	R 9.57
1992	1.38	4.52	4.62	7.78	8.85	8.28	2.47	R 5.93	1.46	R 4.39	17.81	R 9.40
1993	1.35	4.93	4.44	8.07	9.71	8.11	2.16	5.78	1.31	R 4.76	17.35	R 9.44
1994	1.38	5.26	4.21	8.16	8.14	8.25	2.21	R 5.47	1.19	R 4.94	17.60	R 9.81
1995	1.44	4.33	4.20	8.75	8.17	8.59	2.49	R 5.65	1.14	R 4.22	17.61	R 9.35
1996	1.40	4.62	5.06	6.00	9.92	9.12	2.90	R 6.96	1.28	R 4.55	17.67	R 9.44
1997	1.28	5.38	4.81	5.62	10.48	9.18	3.04	R 6.83	1.25	R 5.13	17.96	R 10.07
1998	1.30	5.41	3.76	8.70	9.36	7.99	2.48	R 5.13	1.14	R 4.94	18.08	R 10.35
1999	1.30	5.08	4.48	4.88	8.76	8.75	2.80	R 5.89	0.85	R 4.74	18.00	R 10.31
2000	1.27	5.60	7.09	9.18	11.66	11.61	4.26	R 8.56	1.13	R 5.57	17.67	R 10.27
2001	1.46	8.44	6.69	9.19	13.14	11.00	5.21	8.33	1.03	7.75	15.78	11.48
	Expenditures in Million Nominal Dollars											
1970	3.7	64.5	16.9	0.8	5.4	3.9	3.7	30.7	(s)	99.0	146.4	245.4
1975	19.0	87.7	41.9	1.0	11.5	3.0	18.0	75.3	(s)	182.1	264.0	446.1
1980	6.0	206.9	77.0	1.1	11.1	11.7	66.5	167.4	0.3	380.7	475.1	855.8
1985	R 14.6	350.9	R 96.7	7.2	13.5	16.4	10.7	R 144.5	0.4	R 510.3	732.3	R 1,242.7
1986	R 14.4	320.3	R 40.8	5.4	13.9	16.6	4.0	R 80.6	0.3	R 415.7	813.0	R 1,228.7
1987	R 13.1	288.8	R 37.5	2.1	15.2	16.8	4.6	R 76.2	0.4	R 378.5	841.8	R 1,220.3
1988	R 16.4	329.9	R 30.6	3.0	17.1	16.5	3.1	R 70.3	0.4	R 417.0	1,004.0	R 1,421.0
1989	R 13.3	351.9	R 34.8	1.4	21.8	17.1	5.1	R 80.2	1.8	R 447.3	984.0	R 1,431.3
1990	R 14.3	R 309.9	R 38.5	1.5	22.0	25.7	1.0	R 88.7	2.9	R 415.8	987.2	R 1,403.1
1991	R 11.5	315.2	R 33.6	1.8	22.5	16.0	R 3.0	R 76.9	2.8	R 406.4	1,023.9	R 1,430.4
1992	R 10.4	332.3	R 37.8	2.6	19.4	14.5	0.3	R 74.5	2.8	R 420.0	1,014.0	R 1,434.0
1993	R 8.5	389.5	R 42.0	2.2	23.3	12.3	0.5	R 80.3	2.3	R 480.6	1,037.2	R 1,517.8
1994	9.5	404.1	R 34.3	3.1	19.3	11.2	0.6	R 68.5	2.4	R 484.4	1,079.8	R 1,564.2
1995	8.0	362.3	R 27.0	3.5	19.7	7.8	0.5	R 58.5	3.3	R 432.1	1,120.6	R 1,552.7
1996	9.7	408.4	R 28.5	2.3	32.0	7.6	R 0.2	R 70.6	3.4	R 492.2	1,134.8	R 1,627.0
1997	10.0	444.7	R 30.7	2.8	33.4	8.2	0.2	R 75.2	3.0	R 533.0	1,166.4	R 1,699.4
1998	R 9.8	402.1	R 31.1	2.5	22.0	7.0	R 1.9	R 64.5	2.9	R 479.3	1,225.5	R 1,704.8
1999	R 9.8	380.7	R 33.6	1.1	25.0	8.3	R (s)	R 68.1	2.8	R 461.5	1,270.5	R 1,732.0
2000	7.3	518.8	R 55.5	2.5	37.5	5.3	R (s)	R 100.7	3.3	R 630.1	1,270.6	R 1,900.8
2001	7.5	678.1	61.4	2.3	31.1	14.6	(s)	109.3	4.7	799.5	1,411.2	2,210.7

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Indiana

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	0.44	0.52	0.47	0.47	0.76	0.74	0.81	1.28	5.08	2.98	0.50	0.96	1.09	3.38	0.59	3.52	0.76
1975	1.76	1.36	1.68	0.91	2.05	2.24	2.41	2.63	7.48	4.75	1.86	2.28	2.37	3.38	1.65	5.67	2.03
1980	2.13	1.58	1.99	2.63	3.72	5.57	6.14	5.10	14.36	10.00	3.43	6.16	4.96	2.97	2.77	11.00	3.69
1985	2.24	1.61	2.04	4.04	4.81	6.15	6.90	9.09	17.61	8.85	4.40	5.95	6.42	2.97	3.39	14.54	4.86
1986	2.05	1.53	1.87	3.79	3.94	3.97	5.05	8.32	15.59	6.48	2.61	4.02	R 4.77	2.79	R 3.02	15.13	4.70
1987	1.92	1.38	1.75	3.38	3.30	4.45	4.96	7.93	13.58	6.90	2.61	4.02	4.50	2.79	R 2.79	13.35	4.23
1988	2.02	1.48	1.87	3.69	3.33	3.99	4.39	7.81	14.62	6.94	2.08	3.37	4.35	2.79	2.85	12.43	4.11
1989	1.92	1.46	1.79	3.83	3.03	4.70	5.52	8.20	14.48	7.60	2.31	R 4.06	R 4.70	d 2.79	R d 2.94	11.98	d 4.19
1990	1.84	1.45	1.72	3.57	3.14	5.89	6.98	9.83	14.60	8.74	2.64	R 4.76	R 5.28	R 1.68	R 3.06	11.94	R 4.31
1991	1.99	1.44	1.82	3.48	3.14	5.02	5.79	10.09	16.80	8.60	2.38	R 4.87	R 5.38	R 1.68	3.12	11.83	R 4.39
1992	2.00	1.38	1.79	3.35	2.62	4.91	5.00	8.85	18.32	8.28	2.47	R 4.56	R 4.84	R 1.68	3.00	11.73	R 4.35
1993	1.95	1.35	1.73	3.66	3.07	4.81	4.88	9.71	18.96	8.11	2.16	R 4.49	R 4.87	R 1.68	R 3.15	11.38	R 4.44
1994	1.90	1.38	1.68	4.54	3.06	4.66	4.93	7.14	19.11	8.25	2.21	R 4.38	R 4.59	R 2.23	R 3.55	11.64	R 4.94
1995	1.97	1.44	1.76	3.37	3.26	4.81	4.46	7.48	19.41	8.59	2.49	R 4.69	R 5.13	R 2.20	R 3.09	11.54	R 4.56
1996	1.94	1.40	1.71	3.58	3.21	5.90	5.67	9.11	20.08	9.12	2.90	R 5.33	R 5.53	R 2.15	R 3.27	11.50	R 4.67
1997	R 1.89	1.28	R 1.63	4.28	3.62	5.25	5.34	8.88	17.98	9.18	3.04	R 5.24	R 5.33	R 2.10	R 3.49	11.45	R 4.83
1998	R 1.80	1.30	1.62	4.21	3.66	3.99	3.87	7.76	19.07	7.99	2.48	R 3.41	R 4.53	R 2.13	R 3.25	11.57	R 4.69
1999	R 1.74	1.30	R 1.59	4.09	3.49	4.63	4.88	7.94	16.75	8.75	2.80	R 4.07	R 4.80	R 2.11	R 3.29	11.42	R 4.72
2000	R 1.71	1.27	R 1.57	4.88	4.29	7.84	8.00	10.51	17.99	11.61	4.26	R 6.20	R 6.96	R 2.08	R 3.83	11.16	R 5.10
2001	1.76	1.46	1.65	7.95	4.18	6.76	7.26	11.70	19.00	11.00	5.21	4.89	6.36	2.09	4.63	12.03	5.80
	Expenditures in Million Nominal Dollars																
1970	151.8	76.9	228.6	123.9	30.7	43.8	0.5	6.9	30.0	35.0	8.2	20.2	175.3	9.7	537.6	209.0	746.6
1975	651.7	125.1	776.8	198.3	82.5	121.5	0.8	41.0	38.2	31.5	84.2	57.5	457.2	12.6	1,444.9	510.8	1,955.7
1980	684.0	161.6	845.6	615.0	127.5	162.6	4.7	70.8	95.5	39.5	190.3	127.5	818.4	16.5	2,295.5	1,138.6	3,434.1
1985	560.1	184.1	744.2	829.5	170.2	R 167.0	5.1	65.2	106.5	41.9	46.2	167.8	R 770.0	19.3	R 2,362.9	1,539.1	R 3,902.1
1986	429.4	170.6	600.0	677.9	158.5	R 130.4	5.8	86.6	92.2	28.3	39.9	84.4	R 626.1	13.6	R 1,917.6	1,554.2	R 3,471.8
1987	454.8	155.0	609.8	658.8	166.4	R 162.0	4.2	69.7	90.8	30.4	36.9	102.6	R 662.9	13.6	R 1,945.0	1,462.6	R 3,407.6
1988	561.8	158.7	720.5	789.2	153.5	R 104.0	2.9	72.9	94.3	29.3	24.5	91.3	R 572.6	14.1	R 2,096.5	1,382.9	R 3,479.4
1989	502.0	155.7	657.8	823.2	128.4	R 153.6	2.5	90.2	95.8	30.2	R 26.7	R 101.4	R 628.7	R d 6.0	R d 2,115.7	1,384.8	R d 3,500.5
1990	437.9	151.9	589.8	793.3	178.1	R 181.5	2.2	179.9	99.4	28.7	R 42.4	R 127.4	R 839.5	R 8.0	R 2,230.7	1,419.5	R 3,650.1
1991	438.9	145.4	584.3	764.3	146.8	R 155.3	1.6	185.7	102.3	32.0	R 26.3	R 178.3	R 828.4	R 7.9	R 2,184.9	1,407.5	R 3,592.4
1992	384.2	134.6	518.9	795.7	108.0	R 155.4	1.5	89.5	113.7	27.8	R 36.8	R 191.0	R 723.8	R 7.4	R 2,045.8	1,460.3	R 3,506.1
1993	344.6	141.7	486.3	R 929.1	193.6	R 133.4	1.2	109.9	119.9	31.5	R 22.4	R 164.6	R 776.5	R 7.3	R 2,199.3	1,490.1	R 3,689.4
1994	246.4	133.0	379.4	R 1,182.3	207.8	R 127.1	2.4	63.5	126.3	36.0	R 23.5	R 166.4	R 753.1	R 7.5	R 2,322.2	1,577.6	R 3,899.8
1995	310.2	144.9	455.1	R 894.4	153.1	R 133.1	1.1	59.3	126.1	38.0	R 12.4	R 168.5	R 691.6	R 7.8	R 2,048.9	1,603.9	R 3,652.7
1996	302.4	158.3	460.7	R 999.0	181.8	R 160.1	2.7	79.6	126.6	38.4	R 8.8	R 233.8	R 831.8	R 10.0	R 2,301.5	1,653.3	R 3,954.8
1997	R 290.0	R 151.5	R 441.6	R 1,200.8	221.7	R 153.6	2.1	44.6	119.7	40.5	R 10.1	R 235.7	R 828.0	R 8.8	R 2,479.2	1,656.9	R 4,136.1
1998	R 318.1	R 132.9	R 451.0	R 1,173.3	174.8	R 136.5	1.8	25.7	132.9	27.1	R 2.6	R 187.7	R 689.1	R 8.0	R 2,321.4	1,724.1	R 4,045.4
1999	313.3	125.6	R 438.9	R 1,238.7	172.9	R 152.8	2.2	40.2	118.0	29.9	R 1.5	R 235.5	R 753.0	R 8.2	R 2,438.8	1,792.8	R 4,231.6
2000	R 388.5	130.1	R 518.6	R 1,416.2	172.3	R 249.5	R 2.3	90.8	124.8	35.8	R 7.3	R 310.5	R 993.2	R 7.0	R 2,935.0	1,782.7	R 4,717.7
2001	392.0	189.5	581.5	1,938.9	152.7	245.2	2.0	74.8	120.8	62.3	5.0	246.4	909.1	7.2	3,436.6	1,680.5	5,117.1

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Indiana

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.52	—	2.17	1.23	0.74	1.28	5.08	2.98	0.65	2.67	2.66	—	2.66
1975	1.36	—	3.45	2.69	2.08	2.63	7.48	4.75	1.53	4.35	4.35	—	4.35
1980	—	—	9.02	7.17	6.38	5.10	14.36	10.00	3.87	9.25	9.25	—	9.25
1985	—	—	9.99	8.28	5.81	R 9.75	17.61	8.85	4.85	8.27	8.27	—	8.27
1986	—	—	8.41	6.46	3.80	R 9.04	15.59	6.48	3.25	6.03	6.03	—	6.03
1987	—	—	7.55	6.76	3.96	R 8.61	13.58	6.90	3.22	6.35	6.35	—	6.35
1988	—	—	7.41	6.31	3.74	R 8.59	14.62	6.94	2.37	6.31	6.31	—	6.31
1989	—	—	8.28	6.89	4.33	R 9.06	14.48	7.60	2.66	6.89	6.89	—	6.89
1990	—	2.64	9.32	8.00	5.62	R 9.36	14.60	8.74	2.80	8.04	8.04	23.68	8.04
1991	—	4.64	8.71	7.71	4.76	R 9.61	16.80	8.60	2.29	7.76	7.76	23.19	7.76
1992	—	4.20	8.54	7.46	4.41	R 8.43	18.32	8.28	2.41	7.51	7.51	24.01	7.51
1993	—	5.16	8.24	7.42	4.10	R 9.25	18.96	8.11	2.42	7.35	7.35	26.37	R 7.35
1994	—	5.05	7.96	7.54	3.82	R 8.68	19.11	8.25	2.59	7.41	7.41	26.44	7.41
1995	—	7.05	8.36	7.54	3.85	R 9.01	19.41	8.59	2.72	7.63	7.63	26.71	7.63
1996	—	7.12	9.29	8.42	4.70	R 8.78	20.08	9.12	3.17	8.46	8.46	26.93	8.46
1997	—	5.47	9.39	8.09	4.47	R 8.28	17.98	9.18	R 3.13	R 8.42	R 8.42	27.68	R 8.42
1998	—	5.24	8.11	7.00	3.35	R 8.17	19.07	7.99	2.55	R 7.37	R 7.37	28.82	R 7.37
1999	—	R 6.41	8.81	7.61	3.94	R 10.28	16.75	8.75	R 2.83	R 7.98	R 7.98	28.43	R 7.98
2000	—	8.25	R 10.87	10.09	6.51	R 13.03	17.99	11.61	R 3.23	R 10.58	10.57	27.45	R 10.58
2001	—	8.37	11.01	9.44	5.78	14.15	19.00	11.00	3.54	10.10	10.09	26.56	10.10
	Expenditures in Million Nominal Dollars												
1970	0.4	—	4.0	58.1	10.6	0.5	18.8	882.2	1.3	975.5	975.9	—	975.9
1975	0.1	—	3.8	175.3	30.4	1.2	34.6	1,579.7	3.2	1,828.1	1,828.2	—	1,828.2
1980	—	—	11.8	736.5	76.5	1.6	60.3	3,111.7	4.9	4,003.3	4,003.3	—	4,003.3
1985	—	—	19.8	R 991.9	507.4	R 5.2	67.3	2,636.7	0.9	R 4,229.2	R 4,229.2	—	R 4,229.2
1986	—	—	18.4	R 783.8	400.2	R 4.8	58.2	1,998.6	1.0	R 3,264.9	R 3,264.9	—	R 3,264.9
1987	—	—	14.4	R 844.5	428.4	R 4.1	57.3	2,247.7	2.3	R 3,598.7	R 3,598.7	—	R 3,598.7
1988	—	—	16.2	R 731.4	350.1	R 4.7	59.5	2,291.2	2.3	R 3,455.4	R 3,455.4	—	R 3,455.4
1989	—	—	12.0	R 950.4	429.8	R 5.1	60.5	2,414.5	3.5	R 3,875.8	R 3,875.8	—	R 3,875.8
1990	—	0.1	14.2	R 1,119.0	569.3	R 5.2	62.7	2,788.9	R 3.4	R 4,562.9	R 4,563.0	1.0	R 4,564.0
1991	—	0.2	13.3	R 1,051.4	463.5	R 5.5	64.6	2,722.4	1.3	R 4,322.0	R 4,322.2	1.0	R 4,323.2
1992	—	R 0.2	10.9	R 969.4	399.7	R 4.9	71.8	2,654.3	3.1	R 4,114.2	R 4,114.4	1.0	R 4,115.5
1993	—	R 0.4	8.4	R 1,015.0	380.3	R 4.3	75.7	2,746.3	R 5.1	R 4,235.0	R 4,235.4	1.3	R 4,236.7
1994	—	R 0.4	6.0	R 1,119.8	374.5	R 7.4	79.7	2,835.7	R 3.6	R 4,426.8	R 4,427.1	1.3	R 4,428.4
1995	—	R 0.8	6.1	R 1,127.2	378.8	R 3.4	79.6	3,092.7	R 4.0	R 4,691.7	R 4,692.5	1.4	R 4,693.9
1996	—	R 1.0	8.0	R 1,338.1	335.4	R 3.8	79.9	3,262.0	R 5.8	R 5,033.1	R 5,034.1	1.4	R 5,035.5
1997	—	R 1.1	6.4	R 1,373.0	278.8	R 2.0	75.6	3,292.4	R 7.8	R 5,036.0	R 5,037.1	1.5	R 5,038.6
1998	—	R 1.2	4.6	R 1,138.8	183.1	1.5	83.9	3,051.5	R 4.8	R 4,468.3	R 4,469.4	1.5	R 4,470.9
1999	—	R 1.8	5.3	R 1,362.3	250.2	R 1.3	74.5	3,271.0	R 4.4	R 4,968.9	R 4,970.7	1.5	R 4,972.2
2000	—	R 2.5	R 6.2	R 1,868.7	517.1	R 2.8	78.8	4,427.1	R 6.1	R 6,906.8	R 6,909.3	1.5	R 6,910.8
2001	—	2.9	3.7	1,316.5	385.3	3.7	76.2	4,234.3	3.8	6,023.7	6,026.6	1.5	6,028.1

[a] Liquefied petroleum gases.
R=Revised data.
—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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Indiana (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.25	0.35	0.75	0.77	0.24	0.58	—	—	—	—	0.26
1975	0.59	0.82	1.74	2.12	—	1.83	—	—	—	—	0.62
1980	1.27	2.51	—	5.99	—	5.99	—	—	—	—	1.30
1985	1.64	4.15	—	5.87	—	5.87	—	—	—	—	1.66
1986	1.58	4.54	—	3.89	0.80	2.55	—	—	—	—	1.59
1987	1.47	2.82	—	4.12	0.99	2.71	—	—	—	—	1.47
1988	1.43	2.59	—	3.63	0.93	2.37	—	—	—	—	1.44
1989	1.36	2.70	—	4.22	0.74	2.30	—	—	—	—	1.37
1990	1.36	2.58	—	5.12	0.71	2.03	—	—	—	—	1.38
1991	1.34	2.38	—	4.94	0.81	2.86	—	—	—	—	1.36
1992	1.31	2.48	—	4.43	0.69	2.41	—	—	—	—	1.32
1993	1.27	2.74	—	4.21	—	4.21	—	—	—	—	1.28
1994	1.27	2.66	—	3.90	—	3.90	—	—	—	—	1.29
1995	1.26	2.44	—	4.01	0.69	3.35	—	0.70	—	—	1.27
1996	1.19	3.41	—	4.87	0.73	2.94	—	0.59	—	—	1.21
1997	1.16	3.16	—	4.53	0.89	1.82	—	0.50	—	—	1.18
1998	1.12	2.80	—	3.19	0.70	1.35	—	0.61	—	—	1.14
1999	1.11	2.89	—	4.26	0.61	1.83	—	0.67	—	—	1.13
2000	1.08	4.45	—	6.70	0.65	2.49	—	0.67	—	—	1.13
2001	1.14	5.07	3.90	5.69	0.69	3.28	—	0.47	—	—	1.20
	Expenditures in Million Nominal Dollars										
1970	123.7	10.3	1.0	1.2	0.4	2.5	—	—	—	—	136.5
1975	343.1	9.0	14.7	5.9	—	20.6	—	—	—	—	372.6
1980	921.2	4.8	—	25.4	—	25.4	—	—	—	—	951.4
1985	1,340.7	4.7	—	14.2	—	14.2	—	—	—	—	1,359.6
1986	1,257.4	5.0	—	7.3	1.2	8.5	—	—	—	—	1,270.9
1987	1,180.5	3.7	—	8.5	1.7	10.1	—	—	—	—	1,194.4
1988	1,243.0	9.0	—	8.0	1.8	9.8	—	—	—	—	1,261.8
1989	1,240.6	11.0	—	9.1	2.0	11.1	—	—	—	—	1,262.7
1990	1,371.1	17.2	—	12.6	4.1	16.7	—	—	—	—	1,405.0
1991	1,354.3	23.9	—	10.1	1.7	11.8	—	—	—	—	1,390.0
1992	1,301.9	19.3	—	6.8	1.3	8.1	—	—	—	—	1,329.3
1993	1,307.0	15.7	—	9.6	—	9.6	—	—	—	—	1,332.3
1994	1,352.6	24.5	—	9.3	—	9.3	—	—	—	—	1,386.4
1995	1,354.8	20.8	—	8.0	0.3	8.3	—	0.4	—	—	1,384.3
1996	1,306.8	15.2	—	10.0	1.3	11.3	—	0.5	—	—	1,333.8
1997	1,330.8	15.0	—	8.5	4.9	13.4	—	0.5	—	—	1,359.7
1998	1,303.6	39.0	—	8.3	5.2	13.5	—	0.6	—	—	1,356.7
1999	1,323.9	36.9	—	13.8	4.0	17.7	—	0.7	—	—	1,379.2
2000	1,360.3	65.7	—	20.7	4.6	25.3	—	0.7	—	—	1,452.1
2001	1,374.8	91.9	(s)	12.8	1.4	14.2	—	0.5	—	—	1,481.5

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Iowa

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.37	0.37	0.57	1.01	0.75	1.59	2.83	0.61	1.58	2.11	—	2.40	1.20	0.30	6.39	1.80
1975	—	0.95	0.95	1.00	2.45	2.09	3.00	4.59	1.88	3.18	3.74	0.25	2.74	2.16	0.75	9.11	3.12
1980	—	1.42	1.42	2.79	6.41	6.47	5.57	9.97	3.19	7.31	8.19	0.39	3.71	4.59	1.32	13.97	6.68
1985	—	1.51	1.51	4.60	R 6.52	6.28	R 7.55	9.47	4.07	8.00	R 8.26	0.94	3.70	R 4.91	R 1.53	19.02	8.02
1986	—	1.41	1.41	4.22	R 5.45	4.36	R 7.45	7.13	2.86	6.52	R 6.55	0.75	3.25	4.09	1.31	19.25	R 7.24
1987	—	1.30	1.30	3.63	R 5.88	4.27	R 6.01	7.36	2.48	6.45	R 6.69	0.71	3.30	R 3.88	1.21	18.30	R 7.01
1988	—	1.27	1.27	3.80	R 5.61	4.12	R 5.95	7.37	2.38	6.03	R 6.57	0.68	3.34	R 3.81	1.19	17.59	R 6.85
1989	—	1.24	1.24	3.57	R 6.33	4.57	R 6.96	8.40	2.25	6.37	R 7.47	0.67	e 3.33	e 4.01	1.18	17.30	R e 7.12
1990	—	1.16	1.16	3.81	R 7.52	6.11	R 5.98	9.38	2.36	6.85	R 8.33	0.66	R 2.06	R 4.24	R 1.11	17.37	R 7.60
1991	—	1.15	1.15	3.65	6.98	5.21	R 7.63	9.11	2.24	7.34	R 8.21	0.66	R 2.05	R 4.04	1.07	17.41	R 7.42
1992	—	1.14	1.14	R 4.23	R 6.68	4.78	R 7.65	8.72	2.21	R 7.87	7.89	0.56	R 2.02	R 4.21	R 1.07	17.53	R 7.56
1993	—	1.07	1.07	4.49	R 6.55	4.52	R 8.62	8.42	2.18	R 8.11	7.85	0.60	R 1.95	R 4.32	R 1.01	17.49	R 7.69
1994	—	1.06	1.06	4.51	R 6.62	4.26	R 7.16	8.75	2.10	R 7.35	R 7.74	0.66	R 2.49	R 4.30	0.98	17.36	R 7.66
1995	—	R 1.05	R 1.05	R 4.00	R 6.62	4.22	R 7.40	8.75	2.38	R 8.08	R 7.81	0.74	R 2.47	R 4.17	R 0.99	17.68	R 7.56
1996	—	R 1.02	R 1.02	4.43	R 7.67	5.08	R 9.04	9.58	2.94	R 7.01	8.68	0.72	R 2.56	R 4.55	0.95	17.41	7.94
1997	—	R 1.02	R 1.02	4.97	R 7.32	4.79	R 8.81	9.49	3.05	R 6.38	R 8.42	R 0.65	R 2.40	R 4.54	R 0.95	17.49	R 8.10
1998	—	R 0.95	R 0.95	4.42	R 6.07	3.63	7.61	8.01	2.64	R 6.16	7.17	0.61	R 2.34	R 3.93	0.89	17.71	R 7.57
1999	—	R 0.91	R 0.91	4.71	R 6.85	4.35	7.67	8.67	2.69	R 5.88	R 7.70	R 0.60	R 2.36	R 4.21	R 0.85	17.38	R 7.83
2000	—	R 0.91	R 0.91	R 6.45	R 9.57	6.96	11.77	11.67	3.24	R 7.84	R 10.74	R 0.61	R 2.65	R 5.57	0.85	17.39	R 9.88
2001	—	0.91	0.91	7.37	8.87	6.27	11.63	11.12	3.28	7.59	10.23	0.62	2.41	5.53	0.86	18.00	10.02
	Expenditures in Million Nominal Dollars																
1970	—	48.1	48.1	190.2	80.7	3.0	66.2	530.1	1.5	49.0	730.5	—	3.7	972.5	-50.4	337.5	1,259.6
1975	—	125.1	125.1	332.4	207.6	9.8	152.2	942.1	7.2	84.6	1,403.5	6.3	5.1	1,872.4	-132.5	624.4	2,364.3
1980	—	332.9	332.9	719.9	594.5	29.6	228.5	1,853.2	8.3	315.3	3,029.5	10.9	37.9	4,131.1	-313.1	1,184.5	5,002.5
1985	—	R 406.3	R 406.3	1,003.4	R 601.0	20.9	R 231.3	1,566.0	4.7	214.1	R 2,637.9	19.3	43.5	R 4,133.4	R -389.3	1,666.6	R 5,410.6
1986	—	R 369.6	R 369.6	851.8	R 514.7	14.5	R 238.0	1,174.7	9.1	150.1	R 2,101.2	23.9	28.7	R 3,375.1	-334.7	1,731.1	R 4,771.6
1987	—	R 374.1	R 374.1	713.4	R 566.4	18.7	R 134.0	1,225.7	1.8	139.7	R 2,086.4	18.7	28.1	R 3,220.8	-325.6	1,687.4	R 4,582.6
1988	—	R 389.4	R 389.4	874.1	R 534.0	16.5	R 143.5	1,258.9	3.9	146.9	R 2,103.7	22.7	29.1	R 3,419.1	-353.8	1,731.0	R 4,796.3
1989	—	R 395.5	R 395.5	777.2	R 575.3	19.3	R 183.8	1,436.5	2.6	131.5	R 2,349.0	22.3	R e 15.9	R e 3,559.8	R -348.4	1,695.0	R e 4,906.4
1990	—	R 389.0	R 389.0	R 805.1	R 691.7	30.7	R 137.7	1,561.2	R 1.8	137.1	R 2,560.2	21.1	R 22.3	R 3,797.7	R -346.5	1,744.6	R 5,195.9
1991	—	R 400.2	R 400.2	R 835.4	R 589.7	26.1	R 200.0	1,553.3	1.4	134.9	R 2,505.4	28.5	R 22.1	R 3,791.6	R -358.1	1,829.0	R 5,262.5
1992	—	R 375.6	R 375.6	R 955.2	R 625.0	21.6	R 248.9	1,453.2	1.5	139.5	R 2,489.6	20.0	R 21.0	R 3,861.4	R -335.0	1,807.2	R 5,333.7
1993	—	R 368.3	R 368.3	1,084.0	R 637.0	18.3	R 486.5	1,446.0	R 2.2	R 143.9	R 2,733.8	20.5	R 19.3	R 4,225.9	R -333.9	1,915.5	R 5,807.5
1994	—	R 369.7	R 369.7	R 1,081.1	R 666.5	21.5	R 407.4	1,549.9	2.4	R 158.1	R 2,805.8	28.3	R 19.7	R 4,304.7	R -334.4	1,957.5	R 5,927.8
1995	—	R 392.4	R 392.4	R 1,004.4	R 684.5	25.0	R 455.2	1,571.3	1.4	R 153.9	R 2,891.4	28.8	R 20.3	R 4,337.3	R -354.4	2,069.2	R 6,052.1
1996	—	R 393.0	R 393.0	R 1,157.7	R 884.0	23.6	R 370.6	1,794.7	R 1.7	R 199.2	R 3,273.8	29.5	R 23.5	R 4,877.5	R -339.7	2,078.5	R 6,616.3
1997	—	R 400.9	R 400.9	R 1,218.7	R 837.7	21.5	R 327.9	1,760.6	1.4	R 214.6	R 3,163.6	R 28.1	R 18.7	R 4,832.1	R -348.8	2,156.8	R 6,640.1
1998	—	R 403.3	R 403.3	R 998.0	R 709.0	24.4	R 409.3	1,543.5	R 1.5	R 193.8	R 2,881.6	R 24.2	R 16.6	R 4,324.7	R -363.5	2,254.6	R 6,215.8
1999	—	R 393.7	R 393.7	R 1,070.8	R 782.1	21.8	519.9	1,671.8	R 1.7	R 216.6	R 3,213.9	R 22.8	R 17.1	R 4,718.8	R -342.5	2,255.0	R 6,631.3
2000	—	R 405.2	R 405.2	R 1,453.3	R 1,073.7	30.5	R 833.1	2,235.2	R 2.9	R 258.5	R 4,433.9	R 28.5	R 16.8	R 6,337.6	R -367.4	2,318.8	R 8,289.0
2001	—	402.7	402.7	1,592.9	1,039.0	27.6	677.8	2,129.5	0.9	209.8	4,084.7	25.0	15.8	6,121.1	-368.7	2,408.0	8,160.5

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Iowa

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.27	0.96	1.22	1.57	1.85	1.63	0.61	1.16	7.75	2.06
1975	3.69	1.42	2.56	2.99	3.55	3.25	1.20	1.93	10.46	3.44
1980	3.31	3.18	6.79	8.10	6.86	6.84	3.06	4.08	16.13	6.82
1985	3.41	5.33	5.94	7.85	5.62	5.83	3.46	5.37	22.53	R 9.59
1986	3.12	5.07	5.32	6.32	5.51	5.45	R 2.78	5.08	22.56	R 9.57
1987	2.89	4.71	5.33	6.38	5.00	R 5.17	R 2.65	4.73	22.91	R 9.90
1988	2.51	4.76	4.80	6.26	5.31	5.15	2.67	R 4.75	22.23	R 9.47
1989	2.60	4.65	4.86	6.78	8.68	R 7.27	2.95	5.12	22.19	R 9.57
1990	2.41	4.96	5.73	8.20	7.19	R 6.69	3.56	R 5.19	22.89	R 10.20
1991	2.32	4.77	5.32	7.45	6.39	6.09	3.41	4.95	22.76	R 9.85
1992	2.25	5.21	5.38	7.10	6.92	6.51	3.12	5.38	23.51	10.28
1993	2.41	5.46	4.34	6.28	6.64	6.06	3.05	5.52	23.50	10.28
1994	2.35	5.36	4.91	6.00	6.90	R 6.37	2.96	5.50	23.72	R 10.47
1995	2.31	R 5.07	4.94	4.97	6.94	R 6.45	2.90	5.26	24.14	R 10.47
1996	2.42	5.46	7.07	6.00	8.80	8.45	R 3.32	6.02	23.93	R 10.58
1997	2.42	6.11	6.89	5.62	8.43	R 8.12	3.31	6.46	24.05	R 11.23
1998	2.38	R 5.90	5.79	4.31	6.94	R 6.72	2.87	5.99	24.56	11.74
1999	2.32	5.98	6.23	4.88	6.83	R 6.73	2.95	R 6.06	24.48	R 11.46
2000	2.39	7.77	10.06	9.18	9.66	9.71	4.43	8.11	24.54	12.94
2001	2.34	8.87	10.03	9.19	10.97	10.79	4.22	9.06	24.65	14.11
	Expenditures in Million Nominal Dollars									
1970	2.6	92.9	15.8	2.9	47.6	66.4	0.2	162.1	171.3	333.4
1975	2.8	134.7	26.9	2.3	89.5	118.8	0.5	256.7	297.5	554.2
1980	1.3	271.2	94.5	2.2	98.0	194.6	6.3	473.4	552.6	1,026.0
1985	R 4.5	424.1	R 51.6	5.1	60.6	R 117.3	6.6	R 552.4	757.4	R 1,309.8
1986	R 3.9	379.8	R 45.3	2.7	65.5	R 113.5	R 5.2	R 502.3	770.4	R 1,272.7
1987	R 4.6	309.9	R 41.6	2.1	46.1	R 89.8	R 4.3	R 408.6	785.1	R 1,193.7
1988	R 4.4	364.6	R 32.9	2.8	59.6	R 95.2	4.5	R 468.7	810.0	R 1,278.7
1989	R 2.2	363.8	R 35.1	1.6	107.8	R 144.5	5.1	R 515.6	787.0	R 1,302.6
1990	R 2.8	356.2	R 30.9	1.1	71.5	R 103.5	7.8	R 470.4	821.2	R 1,291.6
1991	R 2.2	379.0	R 27.4	1.4	77.6	R 106.4	7.9	R 495.6	866.4	R 1,362.0
1992	0.6	391.6	R 24.2	0.8	85.3	R 110.3	7.6	R 510.1	825.3	R 1,335.4
1993	0.7	457.2	R 20.8	1.2	94.7	R 116.7	6.1	R 580.7	890.1	R 1,470.8
1994	0.3	422.6	R 25.3	0.6	98.5	R 124.5	R 5.9	R 553.3	895.1	R 1,448.4
1995	0.7	418.6	R 22.5	0.7	99.6	R 122.8	6.4	R 548.4	958.7	R 1,507.1
1996	1.6	483.5	R 31.9	1.0	169.2	R 202.1	7.3	R 694.5	941.9	R 1,636.3
1997	2.3	504.1	R 29.1	0.9	150.4	R 180.4	5.1	R 691.8	958.1	R 1,649.9
1998	R 1.8	R 410.6	R 18.6	0.6	104.8	R 124.0	4.0	R 540.4	993.5	R 1,533.9
1999	R 2.8	435.7	R 19.5	0.7	129.2	R 149.3	4.4	R 592.2	991.1	R 1,583.3
2000	1.8	R 576.8	R 28.2	1.4	184.9	R 214.5	6.9	R 800.0	1,007.3	R 1,807.2
2001	1.9	632.6	24.2	1.9	135.3	161.4	5.6	801.4	1,045.2	1,846.6

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Iowa

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.41	0.68	1.05	0.81	1.16	2.83	0.66	1.30	0.61	0.78	7.68	1.81
1975	1.24	1.05	2.40	2.30	2.46	4.59	1.69	2.71	1.20	1.29	10.55	2.94
1980	1.59	2.84	6.44	5.52	4.88	9.97	3.80	6.57	3.06	3.37	15.93	6.31
1985	1.66	4.80	6.03	7.85	8.58	9.47	4.07	R 6.95	3.46	R 4.91	21.88	9.24
1986	1.57	4.41	3.69	6.32	8.58	7.13	2.86	R 5.58	2.78	4.36	21.81	9.32
1987	1.53	3.84	4.21	6.38	6.71	7.36	2.49	R 5.25	2.65	R 3.82	19.95	R 8.76
1988	1.43	4.00	3.80	6.26	6.48	7.37	2.38	R 5.23	2.67	R 3.90	19.06	8.29
1989	1.35	3.86	4.44	6.78	5.42	8.40	2.25	R 5.39	2.95	3.90	18.63	R 8.39
1990	1.34	4.00	5.44	8.20	5.05	9.38	2.36	R 5.80	3.56	R 3.98	18.30	8.52
1991	1.31	3.96	4.83	7.45	8.68	9.11	2.24	7.46	3.22	4.30	18.24	R 8.59
1992	1.32	4.25	4.66	7.10	8.08	8.72	2.21	R 7.01	2.95	4.61	18.63	9.10
1993	1.39	4.51	4.50	6.28	9.28	8.42	2.18	R 7.51	2.82	R 4.84	18.42	R 9.27
1994	1.42	4.47	4.29	6.00	8.14	8.75	2.10	R 6.32	2.61	R 4.59	18.38	R 9.48
1995	1.40	4.12	4.30	4.97	8.17	8.75	—	R 6.23	2.43	R 4.22	18.74	9.21
1996	1.38	4.56	5.24	6.00	9.92	9.58	2.94	R 8.28	2.81	R 4.71	18.88	R 9.06
1997	1.38	5.13	4.91	5.62	10.48	9.49	—	R 8.59	1.55	R 5.04	19.15	R 9.47
1998	1.33	4.62	3.82	4.31	9.36	8.01	2.64	R 6.92	1.88	R 4.58	19.35	R 9.84
1999	1.33	4.70	4.35	4.88	8.76	8.67	—	R 7.15	2.09	R 4.55	18.84	R 9.43
2000	1.41	6.66	7.04	9.18	11.66	11.67	3.24	R 10.03	3.18	R 6.63	19.07	R 11.05
2001	1.41	7.21	6.51	9.19	13.14	11.12	3.28	9.66	2.48	6.91	19.00	11.38
	Expenditures in Million Nominal Dollars											
1970	0.7	39.4	5.5	0.1	5.3	4.0	0.3	15.1	(s)	55.2	95.8	151.0
1975	2.2	71.1	10.1	0.1	11.0	7.8	1.2	30.2	(s)	103.5	184.3	287.7
1980	2.3	144.0	28.2	0.2	12.3	18.3	1.9	60.8	0.2	207.2	299.0	506.2
1985	R 7.7	231.3	R 41.0	0.3	16.3	11.8	(s)	R 69.5	0.2	R 308.7	470.8	R 779.5
1986	R 6.5	194.7	R 15.4	0.1	18.0	10.2	0.7	R 44.4	0.2	R 245.7	487.4	R 733.2
1987	R 8.2	147.3	R 20.5	0.2	10.9	10.3	0.3	R 42.2	0.1	R 197.8	457.3	R 655.1
1988	R 8.9	181.2	R 16.0	0.2	12.8	13.1	0.3	R 42.4	0.2	R 232.6	464.0	R 696.6
1989	R 4.3	180.0	R 14.8	0.2	11.9	10.3	0.5	R 37.6	0.2	R 222.0	464.0	R 686.0
1990	R 6.3	177.1	R 18.3	1.8	8.9	7.0	R 0.4	R 36.3	0.5	R 220.2	470.2	R 690.4
1991	R 5.8	186.0	15.8	0.1	18.6	34.8	0.1	R 69.4	0.5	R 261.7	494.0	R 755.7
1992	R 1.6	196.8	R 13.1	0.2	17.6	29.6	0.5	R 61.0	0.5	R 260.0	494.7	R 754.7
1993	1.9	227.5	R 9.4	0.2	23.4	28.2	0.1	R 61.3	0.5	R 291.2	536.5	R 827.7
1994	1.2	216.1	R 8.9	0.4	20.5	1.6	(s)	R 31.5	0.5	R 249.3	548.9	R 798.2
1995	2.7	208.3	R 10.4	0.1	20.7	1.6	—	R 32.9	0.5	R 244.4	568.5	R 813.0
1996	6.6	250.5	R 10.9	0.1	33.7	12.2	(s)	57.0	0.7	314.7	558.8	873.5
1997	10.8	260.0	R 9.2	0.3	33.0	22.0	—	R 64.6	1.2	R 336.6	584.4	R 921.0
1998	R 8.1	200.9	R 10.3	0.1	24.9	19.6	(s)	R 55.1	0.7	R 264.8	619.7	R 884.4
1999	R 11.9	215.0	R 12.3	0.1	29.2	19.6	—	R 61.3	0.6	R 288.9	621.6	R 910.4
2000	8.6	R 305.1	R 19.7	0.3	39.4	32.4	0.1	R 92.0	0.9	R 406.7	646.1	R 1,052.8
2001	9.2	332.4	20.6	0.7	28.6	31.7	(s)	81.7	0.7	424.0	683.6	1,107.6

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Iowa

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.41	0.41	0.36	0.72	0.75	0.81	1.16	5.08	2.83	0.57	2.15	1.48	4.00	0.84	3.87	1.05
1975	—	1.24	1.24	0.77	2.06	2.15	2.30	2.46	7.48	4.59	1.92	3.21	2.85	4.00	1.62	6.31	2.02
1980	—	1.59	1.59	2.51	3.77	5.28	5.52	4.88	14.36	9.97	2.88	7.65	6.27	3.95	3.96	10.47	4.67
1985	—	1.66	1.66	3.87	5.03	6.28	6.99	8.58	17.61	9.47	4.07	8.17	R 7.26	3.95	R 4.77	13.50	5.93
1986	—	1.57	1.57	3.36	3.89	4.06	4.85	8.58	15.59	7.13	2.86	6.44	R 5.49	3.74	3.92	14.16	R 5.35
1987	—	1.53	1.53	2.80	3.55	4.50	4.89	6.71	13.58	7.36	2.49	7.20	R 5.33	3.74	R 3.41	12.71	4.76
1988	—	1.43	1.43	3.09	3.46	4.16	4.39	6.48	14.62	7.37	2.38	6.21	R 4.95	3.74	3.39	12.15	4.66
1989	—	1.35	1.35	2.51	3.00	4.72	5.38	5.42	14.48	8.40	2.25	6.91	R 5.22	d 3.74	R d 3.05	11.81	d 4.37
1990	—	1.34	1.34	2.85	3.12	5.81	7.11	5.05	14.60	9.38	2.36	7.29	5.80	R 1.65	R 3.28	11.66	R 4.57
1991	—	1.31	R 1.31	2.63	3.15	5.17	6.26	8.68	16.80	9.11	2.24	8.98	6.30	R 1.65	R 3.23	11.75	R 4.51
1992	—	1.32	1.32	3.54	2.49	5.14	5.45	8.08	18.32	8.72	2.21	10.19	6.21	R 1.65	R 3.82	11.77	R 5.01
1993	—	1.39	1.39	3.75	2.89	5.00	4.88	9.28	18.96	8.42	2.18	9.31	7.04	R 1.65	R 4.44	11.50	R 5.45
1994	—	1.42	1.42	3.96	2.87	4.86	5.19	7.14	19.11	8.75	2.10	10.07	R 6.04	R 2.42	4.18	11.38	R 5.22
1995	—	1.40	R 1.40	3.21	3.22	4.87	5.16	7.48	19.41	8.75	2.38	10.25	R 6.40	R 2.42	3.96	11.53	R 5.06
1996	—	1.38	1.38	3.61	3.11	5.85	6.08	9.11	20.08	9.58	2.94	6.99	R 6.65	R 2.42	R 4.00	11.45	R 5.17
1997	—	1.38	1.38	4.07	3.44	5.37	5.83	8.88	17.98	9.49	3.05	6.44	R 6.16	R 2.41	R 4.09	11.59	R 5.33
1998	—	1.33	1.33	3.45	3.06	4.24	4.20	7.76	19.07	8.01	2.64	5.00	R 5.67	R 2.41	R 3.83	11.69	R 5.13
1999	—	1.33	1.33	3.90	3.06	5.01	5.08	7.94	16.75	8.67	2.69	6.30	R 6.20	R 2.42	R 4.25	11.41	R 5.42
2000	—	1.41	R 1.41	5.46	4.75	7.96	8.12	12.62	17.99	11.67	3.24	R 8.23	9.65	R 2.41	R 6.29	11.39	R 7.16
2001	—	1.41	1.41	6.46	4.24	7.27	7.15	11.70	19.00	11.12	3.28	7.14	8.93	2.42	6.33	12.26	7.34
	Expenditures in Million Nominal Dollars																
1970	—	17.8	17.8	36.3	13.9	25.8	0.7	13.0	6.8	80.0	0.9	7.1	148.2	3.2	205.6	70.5	276.1
1975	—	35.1	35.1	94.6	31.4	58.6	0.9	51.2	7.0	91.5	3.4	16.8	260.8	4.3	394.8	142.6	537.4
1980	—	51.6	51.6	288.2	42.5	144.4	3.7	117.6	16.7	136.7	5.0	196.2	662.9	31.0	1,033.6	332.9	1,366.5
1985	—	58.9	58.9	340.2	67.6	R 182.0	1.3	151.3	18.6	84.8	4.6	66.2	R 576.4	36.3	R 1,011.8	438.4	R 1,450.1
1986	—	55.6	55.6	272.6	52.6	R 145.5	1.1	149.6	16.1	56.5	8.4	27.2	R 457.0	23.1	R 808.3	473.2	R 1,281.6
1987	—	64.9	64.9	249.1	42.1	R 143.0	1.3	75.7	15.9	57.6	1.4	30.7	R 367.7	23.0	R 704.7	445.1	R 1,149.8
1988	—	59.5	59.5	317.3	50.8	R 131.1	0.6	69.9	16.5	54.5	3.6	25.8	R 352.7	24.0	R 753.4	457.0	R 1,210.4
1989	—	72.7	72.7	226.9	34.1	R 131.6	0.7	63.0	16.8	57.5	2.1	27.9	R 333.6	R d 10.2	R d 643.5	444.0	R d 1,087.5
1990	—	71.3	71.3	259.0	31.8	R 162.7	0.8	56.5	17.4	52.8	1.4	32.3	R 355.7	R 13.7	R 699.6	453.3	R 1,152.9
1991	—	77.9	R 77.9	258.2	32.6	R 138.4	0.5	102.1	17.9	55.5	1.2	30.0	R 378.2	R 13.3	R 727.8	468.6	R 1,196.3
1992	—	69.9	R 69.9	357.7	23.2	R 184.9	0.5	144.5	19.9	48.2	1.0	37.5	R 459.7	R 12.6	R 899.9	487.2	R 1,387.1
1993	—	70.0	R 70.0	R 384.9	25.9	R 179.9	0.9	366.3	21.0	35.3	2.2	34.6	R 666.1	R 12.3	R 1,133.4	488.9	R 1,622.3
1994	—	78.2	R 78.2	R 431.6	37.4	R 172.2	0.8	282.7	22.1	50.7	2.4	33.8	R 602.0	R 12.3	R 1,124.1	513.5	R 1,637.5
1995	—	80.9	R 80.9	R 364.8	35.0	R 159.8	1.2	332.6	22.1	47.4	1.4	31.8	R 631.2	R 12.3	R 1,089.2	541.9	R 1,631.1
1996	—	90.7	R 90.7	R 412.7	42.3	R 213.0	0.7	164.1	22.2	55.2	R 1.7	69.2	R 568.3	R 14.5	R 1,086.2	577.9	R 1,664.1
1997	—	R 89.9	R 89.9	R 440.4	59.8	R 202.4	0.9	141.2	20.9	54.0	1.4	71.0	R 551.7	R 11.5	R 1,093.4	614.2	R 1,707.7
1998	—	R 79.9	R 79.9	R 367.8	43.8	R 162.3	0.8	278.8	23.3	37.6	1.5	58.9	R 606.9	R 11.0	R 1,065.6	641.5	R 1,707.1
1999	—	84.6	R 84.6	R 403.3	59.8	R 172.7	1.3	361.4	20.6	39.7	R 1.7	74.3	R 731.5	R 11.1	R 1,230.5	642.3	R 1,872.8
2000	—	86.1	R 86.1	R 549.4	77.9	R 279.3	R 2.0	608.3	21.8	47.7	R 2.9	91.2	R 1,131.1	R 8.8	R 1,775.4	665.4	R 2,440.9
2001	—	83.9	83.9	599.8	54.2	288.4	1.8	508.9	21.1	69.6	0.9	69.4	1,014.2	9.2	1,707.2	679.2	2,386.5

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Iowa

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.41	—	2.17	1.27	0.75	1.16	5.08	2.83	0.66	2.60	2.60	—	2.60
1975	1.24	—	3.45	2.65	2.09	2.46	7.48	4.59	—	4.24	4.24	—	4.24
1980	—	—	9.02	6.97	6.47	4.88	14.36	9.97	—	9.34	9.34	—	9.34
1985	—	—	9.99	6.85	6.28	R 9.41	17.61	9.47	—	8.95	8.95	—	8.95
1986	—	—	8.41	6.76	4.36	R 9.57	15.59	7.13	—	7.13	7.13	—	7.13
1987	—	—	7.55	7.01	4.27	R 7.48	13.58	7.36	2.33	7.31	7.31	—	7.31
1988	—	—	7.41	6.77	4.12	R 7.32	14.62	7.37	—	7.27	7.27	—	7.27
1989	—	—	8.28	7.55	4.57	R 6.25	14.48	8.40	2.08	R 8.21	R 8.21	—	R 8.21
1990	—	R 6.44	9.32	8.74	6.11	R 5.83	14.60	9.38	1.82	9.22	9.22	—	9.22
1991	—	3.09	8.71	8.32	5.21	R 10.01	16.80	9.11	—	8.94	8.94	—	8.94
1992	—	3.97	8.54	8.05	4.78	R 9.28	18.32	8.72	—	R 8.62	R 8.62	—	R 8.62
1993	—	3.83	8.24	7.89	4.52	R 10.61	18.96	8.42	—	8.36	8.36	—	8.36
1994	—	3.48	7.96	8.00	4.26	R 10.41	19.11	8.75	—	R 8.61	R 8.61	—	R 8.61
1995	—	2.97	8.36	7.79	4.22	R 10.81	19.41	8.75	—	R 8.53	R 8.53	—	R 8.53
1996	—	2.68	9.29	8.73	5.08	R 10.53	20.08	9.58	—	R 9.39	R 9.39	—	R 9.39
1997	—	5.36	9.39	8.52	4.79	R 9.94	17.98	9.49	—	R 9.25	R 9.25	—	R 9.25
1998	—	4.77	8.11	7.21	3.63	R 9.80	19.07	8.01	—	R 7.83	R 7.83	18.21	R 7.83
1999	—	R 2.52	8.81	7.93	4.35	R 12.34	16.75	8.67	—	8.49	8.49	18.46	8.49
2000	—	R 6.03	R 10.87	10.52	6.96	R 15.64	17.99	11.67	—	R 11.36	R 11.36	17.97	R 11.36
2001	—	5.99	11.01	9.89	6.27	16.99	19.00	11.12	—	10.80	10.80	16.43	10.80
	Expenditures in Million Nominal Dollars												
1970	(s)	—	2.8	32.2	3.0	0.3	14.8	446.0	0.1	499.1	499.2	—	499.2
1975	(s)	—	3.3	105.7	9.8	0.5	22.7	842.8	—	984.9	984.9	—	984.9
1980	—	—	8.4	321.6	29.6	0.6	45.4	1,698.2	—	2,103.8	2,103.8	—	2,103.8
1985	—	—	4.2	R 323.0	20.9	R 3.0	50.7	1,469.4	—	R 1,871.2	R 1,871.2	—	R 1,871.2
1986	—	—	6.4	R 306.3	14.5	R 4.9	43.9	1,108.0	—	R 1,484.1	R 1,484.1	—	R 1,484.1
1987	—	—	4.2	R 358.6	18.7	R 1.3	43.2	1,157.8	0.1	R 1,584.0	R 1,584.0	—	R 1,584.0
1988	—	—	5.4	R 351.4	16.5	R 1.2	44.9	1,191.3	—	R 1,610.7	R 1,610.7	—	R 1,610.7
1989	—	—	4.6	R 390.9	19.3	R 1.2	45.6	1,368.7	(s)	R 1,830.3	R 1,830.3	—	R 1,830.3
1990	—	(s)	4.7	R 476.1	30.7	R 0.9	47.3	1,501.4	(s)	R 2,061.0	R 2,061.0	—	R 2,061.0
1991	—	(s)	3.6	R 405.2	26.1	R 1.8	48.7	1,463.1	—	R 1,948.5	R 1,948.5	—	R 1,948.5
1992	—	(s)	3.2	R 400.5	21.6	R 1.5	54.1	1,375.4	—	R 1,856.4	R 1,856.4	—	R 1,856.4
1993	—	(s)	2.9	R 423.9	18.3	R 2.1	57.0	1,382.5	—	R 1,886.7	R 1,886.7	—	R 1,886.7
1994	—	(s)	2.8	R 455.8	21.5	R 5.7	60.1	1,497.6	—	R 2,043.6	R 2,043.6	—	R 2,043.6
1995	—	(s)	3.0	R 488.1	25.0	R 2.3	60.0	1,522.3	—	R 2,100.8	R 2,100.8	—	R 2,100.8
1996	—	R 0.1	3.4	R 624.1	23.6	R 3.7	60.2	1,727.3	—	R 2,442.4	R 2,442.4	—	R 2,442.4
1997	—	R 0.2	3.7	R 591.3	21.5	R 3.3	57.0	1,684.5	—	R 2,361.3	R 2,361.4	—	R 2,361.4
1998	—	R 0.2	3.0	R 512.5	24.4	R 0.7	63.3	1,486.3	—	R 2,090.2	R 2,090.4	(s)	R 2,090.4
1999	—	R 0.1	3.6	R 570.4	21.8	R 0.2	56.1	1,612.5	—	R 2,264.6	R 2,264.7	(s)	R 2,264.7
2000	—	R 0.2	R 4.3	R 738.1	30.5	R 0.5	59.4	2,155.1	—	R 2,987.9	R 2,988.1	(s)	R 2,988.1
2001	—	0.3	3.2	697.9	27.6	5.0	57.5	2,028.3	—	2,819.5	2,819.8	(s)	2,819.8

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Iowa (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.32	0.27	0.70	0.75	—	0.74	—	0.65	—	—	0.30
1975	0.85	0.68	1.93	2.11	—	2.05	0.25	0.92	—	—	0.75
1980	1.39	2.41	3.78	6.06	—	5.41	0.39	1.74	—	—	1.32
1985	1.48	3.61	3.99	5.93	—	5.88	0.94	0.79	6.36	—	1.53
1986	1.37	3.42	—	3.62	—	3.62	0.75	0.32	—	—	1.31
1987	1.25	2.15	—	4.06	—	4.06	0.71	0.95	—	—	1.21
1988	1.24	2.03	—	3.72	—	3.72	0.68	0.87	—	—	1.19
1989	1.22	2.67	—	4.45	—	4.45	0.67	1.47	—	—	1.18
1990	1.12	3.05	—	5.18	—	5.18	0.66	1.60	—	—	1.11
1991	1.10	2.69	—	4.38	—	4.38	0.66	1.67	—	—	1.07
1992	1.10	3.07	—	4.24	—	4.24	0.56	1.58	—	—	1.07
1993	1.01	3.10	—	4.08	—	4.08	0.60	1.50	—	—	1.01
1994	0.99	3.16	—	3.92	—	3.92	0.66	1.52	—	—	0.98
1995	0.99	2.71	—	4.09	—	4.09	0.74	1.50	—	—	0.99
1996	0.94	3.22	—	5.08	—	5.08	0.72	1.38	—	—	0.95
1997	0.94	3.40	—	4.45	—	4.45	0.65	1.38	3.77	—	0.95
1998	0.88	3.06	—	3.33	—	3.33	0.61	1.22	4.01	3.02	0.89
1999	0.82	3.14	—	3.99	—	3.99	0.60	1.13	4.92	4.16	0.85
2000	0.82	4.55	—	6.43	—	6.43	0.61	0.22	—	3.52	0.85
2001	0.81	4.77	—	6.17	—	6.17	0.62	0.22	3.29	—	0.86
	Expenditures in Million Nominal Dollars										
1970	27.0	21.5	0.2	1.4	—	1.6	—	0.3	—	—	50.4
1975	85.0	32.0	2.6	6.2	—	8.8	6.3	0.4	—	—	132.5
1980	277.7	16.6	1.5	5.9	—	7.4	10.9	0.5	—	—	313.1
1985	335.3	7.7	0.1	3.5	—	3.6	19.3	0.5	23.0	—	389.3
1986	303.6	4.7	—	2.2	—	2.2	23.9	0.2	—	—	334.7
1987	296.4	7.1	—	2.7	—	2.7	18.7	0.7	—	—	325.6
1988	316.7	11.1	—	2.7	—	2.7	22.7	0.5	—	—	353.8
1989	316.3	6.5	—	2.9	—	2.9	22.3	0.4	—	—	348.4
1990	308.5	12.8	—	3.7	—	3.7	21.1	0.3	—	—	346.5
1991	314.2	12.1	—	2.9	—	2.9	28.5	0.3	—	—	358.1
1992	303.4	9.0	—	2.3	—	2.3	20.0	0.2	—	—	335.0
1993	295.7	14.4	—	3.0	—	3.0	20.5	0.4	—	—	333.9
1994	290.0	10.8	—	4.3	—	4.3	28.3	1.0	—	—	334.4
1995	308.1	12.7	—	3.7	—	3.7	28.8	1.0	—	—	354.4
1996	294.1	10.9	—	4.1	—	4.1	29.5	1.0	—	—	339.7
1997	297.8	14.1	—	5.7	—	5.7	28.1	1.0	2.1	—	348.8
1998	313.5	18.4	—	5.3	—	5.3	24.2	1.0	1.5	0.4	363.5
1999	294.4	16.6	—	7.1	—	7.1	22.8	1.0	1.1	0.6	342.5
2000	308.7	21.7	—	8.3	—	8.3	28.5	0.2	—	(s)	367.4
2001	307.7	27.8	—	7.9	—	7.9	25.0	0.2	0.1	—	368.7

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Kansas

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.34	0.34	0.39	0.99	0.75	1.27	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	2.65	4.50	1.60	3.16	3.48	—	2.76	1.90	0.72	7.72	2.89
1980	—	1.08	1.08	2.14	6.52	6.47	4.41	9.27	3.24	6.56	7.58	—	3.06	3.90	1.38	13.75	5.99
1985	—	1.41	1.41	3.58	R 6.55	5.94	4.40	9.28	3.91	8.92	7.27	0.84	3.46	4.32	1.44	19.07	7.26
1986	—	1.33	1.33	3.30	R 5.52	3.73	8.34	6.72	2.28	7.14	R 6.40	0.63	2.96	R 3.77	1.23	20.53	R 7.06
1987	—	1.27	1.27	3.15	R 6.01	4.01	7.80	7.05	2.36	6.98	R 6.66	0.51	2.89	3.78	1.17	20.06	7.01
1988	—	1.24	1.24	3.03	R 5.55	3.81	7.79	6.78	1.89	5.88	R 6.33	0.45	2.91	3.68	1.14	19.22	6.80
1989	—	1.24	1.24	3.36	R 6.17	4.27	R 7.53	7.66	2.06	6.45	R 6.93	0.32	e 3.02	R e 3.82	1.04	18.83	R e 7.26
1990	—	1.24	1.24	3.30	R 7.53	5.57	4.56	8.90	2.10	6.00	R 7.36	0.30	R 2.96	3.98	1.08	19.31	R 7.56
1991	—	1.23	1.23	3.11	7.03	4.81	3.92	8.72	1.47	5.68	7.07	0.31	R 2.89	3.80	1.12	19.30	7.34
1992	—	1.18	1.18	3.38	R 6.87	4.36	R 8.08	8.49	2.20	5.71	7.45	0.29	R 2.72	4.01	0.99	19.26	R 7.54
1993	—	1.03	1.03	3.59	R 6.72	4.19	R 4.96	8.31	2.07	6.24	7.06	0.33	R 2.62	R 3.68	R 0.96	19.39	7.45
1994	—	1.03	1.03	R 3.44	R 6.55	4.13	R 7.18	8.33	2.16	5.82	R 7.26	0.35	R 2.81	R 3.65	0.94	19.41	R 7.36
1995	—	1.03	1.03	R 3.22	R 6.72	4.19	R 7.44	8.54	2.48	6.44	R 7.47	0.39	R 2.77	R 3.67	0.91	19.27	R 7.70
1996	—	1.00	1.00	R 4.16	R 7.57	4.76	9.08	9.36	2.53	6.47	8.31	0.49	R 3.05	4.22	0.97	19.16	R 8.50
1997	—	1.02	1.02	4.46	R 7.25	4.88	8.87	9.34	R 2.60	7.08	R 8.32	R 0.49	R 3.01	R 4.41	1.01	18.53	R 8.74
1998	—	0.98	0.98	4.12	R 6.03	3.68	7.72	7.86	R 2.75	6.19	7.04	R 0.47	R 2.70	R 3.81	0.96	18.45	R 8.12
1999	—	0.96	0.96	4.09	R 6.82	4.30	7.79	8.66	R 2.18	6.50	R 7.62	R 0.45	R 2.77	4.13	0.98	18.26	R 8.42
2000	—	0.99	0.99	5.48	R 9.42	6.53	12.22	11.48	R 3.68	R 8.42	10.48	0.44	R 3.90	R 5.26	1.13	18.42	10.38
2001	—	1.05	1.05	6.83	8.84	6.15	11.66	11.17	3.27	7.22	9.78	0.44	3.66	5.19	1.07	18.32	10.58
	Expenditures in Million Nominal Dollars																
1970	—	3.7	3.7	175.6	43.3	6.4	37.1	399.6	1.5	42.5	530.4	—	3.4	713.2	-53.9	259.0	918.3
1975	—	42.5	42.5	248.1	159.8	15.0	83.9	756.2	49.8	83.7	1,148.5	—	6.6	1,445.7	-159.5	444.0	1,730.1
1980	—	207.0	207.0	808.1	560.3	89.3	131.0	1,440.7	17.9	241.6	2,480.7	—	5.5	3,501.2	-394.3	986.7	4,093.5
1985	—	365.8	365.8	960.1	R 568.1	147.6	R 379.1	1,375.6	1.3	243.1	R 2,714.8	34.2	5.9	R 4,080.8	-452.8	1,520.6	R 5,148.7
1986	—	334.4	334.4	768.5	R 457.0	148.2	R 492.8	1,005.0	4.4	227.6	R 2,335.0	46.7	7.6	R 3,492.2	-411.3	1,656.3	R 4,737.1
1987	—	340.5	340.5	809.7	R 597.5	96.7	R 449.0	1,078.8	3.8	226.0	R 2,451.8	34.6	6.9	R 3,643.6	-404.3	1,658.4	R 4,897.6
1988	—	334.5	334.5	772.4	R 540.8	89.2	R 529.4	1,097.6	7.1	254.8	R 2,518.9	32.0	7.2	R 3,665.0	-403.9	1,680.9	R 4,941.9
1989	—	R 332.1	R 332.1	R 830.1	R 578.4	91.5	R 498.3	1,201.1	R 3.5	225.6	R 2,598.5	32.9	e 6.1	R e 3,799.7	R -403.2	1,646.7	R e 5,043.2
1990	—	R 337.3	R 337.3	R 872.0	R 732.0	115.4	R 246.5	1,338.4	R 2.3	242.1	R 2,676.8	25.0	R 9.2	R 3,920.3	R -409.9	1,774.7	R 5,285.2
1991	—	R 329.4	R 329.4	R 890.1	R 639.4	88.2	R 183.6	1,284.9	0.8	199.2	R 2,396.1	18.9	R 9.3	R 3,643.7	R -407.8	1,840.1	R 5,076.0
1992	—	R 299.1	R 299.1	R 875.5	R 595.5	101.0	R 481.8	1,240.9	R 1.6	202.3	R 2,623.2	26.2	R 8.9	R 3,833.0	R -350.4	1,764.6	R 5,247.2
1993	—	R 310.7	R 310.7	R 1,035.5	R 626.3	84.7	R 145.0	1,243.7	3.5	218.6	R 2,321.7	27.6	R 7.6	R 3,703.0	R -385.9	1,890.7	R 5,207.8
1994	—	R 309.8	R 309.8	R 1,128.0	R 560.3	45.4	R 195.6	1,266.2	R 1.6	247.8	R 2,317.0	30.8	R 7.3	R 3,792.9	R -390.2	1,945.9	R 5,348.6
1995	—	R 297.1	R 297.1	R 892.9	R 712.5	57.2	R 130.3	1,309.0	0.3	237.2	R 2,446.6	41.4	R 7.8	R 3,685.8	R -380.6	1,980.7	R 5,286.0
1996	—	R 337.2	R 337.2	R 1,109.3	R 730.5	54.2	R 335.6	1,509.4	3.5	270.0	R 2,903.1	42.5	R 9.2	R 4,401.3	R -432.1	2,030.0	R 5,999.2
1997	—	R 318.5	R 318.5	R 1,094.5	R 690.8	58.9	R 457.6	1,494.5	R 2.8	243.6	R 2,948.3	R 43.3	R 6.8	R 4,411.4	R -428.7	2,024.5	R 6,007.3
1998	—	R 304.2	R 304.2	R 1,039.1	R 559.0	45.0	R 379.4	1,310.5	R 2.2	238.9	R 2,535.0	R 51.1	R 5.7	R 3,935.2	R -436.9	2,133.2	R 5,631.5
1999	—	R 315.3	R 315.3	R 957.0	R 622.0	84.8	R 598.5	1,513.4	R 5.6	244.6	R 3,068.9	R 43.1	R 6.1	R 4,390.2	R -451.5	2,090.6	R 6,029.4
2000	—	R 358.2	R 358.2	R 1,359.9	R 814.1	119.7	R 756.9	1,907.5	R 17.8	R 306.5	R 3,922.6	R 41.9	R 8.4	R 5,691.0	R -558.6	2,241.9	R 7,374.4
2001	—	373.2	373.2	1,499.6	800.5	78.7	462.4	1,763.6	22.8	328.9	3,457.0	47.1	7.1	5,384.0	-525.1	2,223.1	7,082.0

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Kansas

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	0.91	0.69	1.19	1.40	1.53	1.52	0.61	0.82	7.17	1.68
1975	—	1.05	2.62	2.84	3.30	3.27	1.20	1.39	9.23	2.53
1980	2.15	2.38	6.85	7.68	6.83	6.83	3.06	2.79	15.75	5.45
1985	2.31	4.12	6.43	7.77	6.52	6.55	3.46	4.27	21.98	8.62
1986	2.33	3.95	5.45	6.32	5.37	5.39	R 2.78	4.01	24.01	9.47
1987	1.94	3.90	3.53	6.38	4.73	4.73	R 2.65	3.93	23.63	9.25
1988	1.80	4.08	3.55	6.26	4.84	4.83	2.67	4.10	22.94	9.27
1989	1.85	R 4.21	6.16	6.80	8.57	R 8.45	2.95	R 4.47	22.46	R 9.31
1990	1.88	4.48	6.22	8.22	7.86	R 7.80	3.56	4.65	22.95	10.04
1991	1.82	R 4.34	5.78	7.47	6.98	6.95	3.41	R 4.47	22.94	R 9.84
1992	1.63	4.76	5.86	7.11	7.83	7.73	3.12	4.87	23.15	10.03
1993	1.40	4.97	7.54	6.28	8.60	8.49	3.05	5.09	23.05	R 10.03
1994	1.38	R 5.12	5.90	6.00	6.85	6.80	2.96	5.15	23.12	10.57
1995	1.19	4.89	7.13	4.97	7.13	7.10	2.90	R 4.99	23.22	R 10.40
1996	1.21	R 5.61	6.91	6.00	8.84	8.77	R 3.32	5.79	23.03	10.58
1997	1.24	R 6.41	6.88	5.62	8.58	R 8.52	3.31	6.58	22.59	R 11.66
1998	1.06	R 6.04	5.79	4.30	7.30	7.26	2.87	6.13	22.43	R 11.58
1999	1.18	6.01	6.22	4.88	6.88	6.60	2.95	6.06	22.40	11.24
2000	1.59	7.58	10.78	9.17	10.72	10.71	4.43	7.89	22.43	12.86
2001	—	9.34	10.75	9.18	11.11	11.07	4.22	9.41	22.46	13.89
	Expenditures in Million Nominal Dollars									
1970	0.1	66.7	0.4	0.9	27.9	29.2	0.2	96.1	130.8	226.9
1975	—	101.2	1.5	1.0	55.9	58.3	0.4	159.9	179.4	339.2
1980	(s)	201.9	6.0	0.2	52.2	58.4	5.3	265.7	386.2	651.9
1985	(s)	322.7	2.5	1.2	34.5	R 38.3	5.7	R 366.7	614.6	R 981.3
1986	(s)	274.8	0.8	0.7	23.6	R 25.1	4.5	R 304.4	683.6	987.9
1987	(s)	284.9	R 0.5	0.7	22.2	23.4	3.8	312.1	694.6	1,006.7
1988	(s)	307.2	0.6	0.7	25.4	26.7	4.0	R 338.0	714.0	R 1,052.0
1989	R 0.1	317.1	R 1.3	0.7	45.8	R 47.9	4.6	R 369.6	682.0	R 1,051.6
1990	(s)	319.5	R 1.0	0.5	33.7	R 35.2	7.2	R 361.9	745.0	R 1,106.9
1991	(s)	327.7	0.8	0.4	32.9	34.1	7.2	369.1	777.4	1,146.5
1992	(s)	336.2	1.0	0.5	30.6	32.1	6.9	375.2	700.7	1,075.9
1993	0.1	416.8	1.2	0.7	33.8	35.7	5.6	458.3	785.3	1,243.6
1994	0.2	378.9	R 0.8	0.3	26.2	R 27.3	5.4	R 411.8	799.1	R 1,210.9
1995	0.1	372.4	0.6	0.4	37.9	38.9	5.8	417.3	820.4	1,237.7
1996	0.3	477.3	0.7	0.7	63.0	64.3	6.7	548.5	838.6	1,387.1
1997	(s)	445.6	R 1.4	0.4	73.9	R 75.7	4.7	R 526.0	837.3	R 1,363.3
1998	(s)	421.3	0.4	0.4	67.0	67.8	3.7	492.8	905.5	1,398.3
1999	(s)	407.5	0.5	9.6	83.2	R 93.3	4.1	R 504.9	867.4	1,372.3
2000	(s)	R 539.4	1.1	R 1.0	100.5	102.6	6.4	R 648.4	958.8	R 1,607.2
2001	—	658.3	2.8	0.7	75.1	78.6	5.2	742.1	924.6	1,666.7

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Kansas

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.45	0.46	1.03	0.69	0.83	2.64	0.50	1.22	0.60	0.53	6.02	1.56
1975	—	0.68	2.45	2.27	1.91	4.50	1.56	2.63	1.20	0.89	8.26	2.75
1980	1.32	1.91	6.49	5.22	3.58	9.27	—	6.51	3.06	2.27	14.81	5.62
1985	1.69	3.15	5.97	7.77	4.26	9.28	—	R 6.23	3.46	3.45	19.87	8.51
1986	1.74	2.90	3.69	6.32	8.58	6.72	2.28	R 5.39	2.78	3.07	21.03	8.93
1987	1.59	2.88	4.21	6.38	8.07	7.05	2.36	R 5.91	2.65	3.06	20.37	8.73
1988	1.42	3.07	3.80	6.26	8.04	6.78	1.67	R 5.38	2.67	3.22	19.25	R 8.39
1989	1.28	R 3.17	4.45	6.80	7.43	7.66	2.04	R 5.76	2.95	R 3.34	19.17	8.61
1990	1.18	3.36	5.46	8.22	4.28	8.90	2.13	R 5.88	3.56	R 3.52	19.65	R 9.20
1991	1.26	R 3.29	4.84	7.47	3.57	8.72	1.48	5.22	3.41	3.40	19.57	R 9.06
1992	1.31	R 3.58	4.66	7.11	8.09	8.49	2.21	5.65	3.12	3.73	19.79	R 9.60
1993	1.40	4.11	4.49	6.28	4.39	8.31	2.09	R 4.63	3.05	4.13	19.89	R 9.84
1994	1.35	R 4.13	4.28	6.00	8.13	8.33	2.22	R 5.40	2.96	4.17	19.97	R 10.28
1995	1.34	3.92	4.30	4.97	8.16	8.54	2.51	R 5.39	2.90	4.00	19.85	R 10.04
1996	1.27	4.62	5.23	6.00	9.91	9.36	2.70	R 6.82	3.32	R 4.71	19.77	10.40
1997	1.30	R 5.37	4.91	5.62	10.47	9.34	—	R 7.08	3.31	R 5.54	18.88	R 11.78
1998	1.25	5.01	3.82	4.30	9.35	7.86	2.82	5.82	2.87	5.09	18.77	11.62
1999	1.33	5.06	4.34	4.88	8.75	8.66	—	R 6.40	2.95	R 5.20	18.60	R 11.71
2000	R 1.26	6.75	7.03	9.17	11.65	11.48	3.97	R 8.79	4.43	6.95	18.47	R 12.61
2001	—	8.48	6.50	9.18	13.13	11.17	3.77	8.04	4.22	8.41	18.43	13.43
	Expenditures in Million Nominal Dollars											
1970	(s)	23.9	0.7	0.1	2.7	3.0	0.1	6.6	(s)	30.5	81.4	112.0
1975	—	34.7	3.0	0.2	5.7	6.3	0.4	15.6	(s)	50.3	158.1	208.4
1980	0.1	111.7	13.6	0.3	4.8	13.6	—	32.3	0.1	144.3	343.9	488.1
1985	(s)	178.0	R 25.2	0.4	4.0	8.7	—	R 38.3	0.2	R 216.5	554.2	R 770.7
1986	(s)	159.6	R 7.7	0.3	6.7	6.2	0.1	R 21.0	0.1	R 180.7	599.8	R 780.5
1987	(s)	161.9	R 7.3	0.6	6.7	7.0	(s)	R 21.6	0.1	R 183.7	593.9	R 777.6
1988	(s)	185.2	R 9.0	0.3	7.4	5.9	(s)	R 22.7	0.1	R 208.0	591.0	R 799.1
1989	0.1	183.9	R 10.1	0.6	7.0	6.2	0.1	R 24.0	0.2	R 208.2	597.0	R 805.2
1990	(s)	188.3	R 10.4	0.3	3.2	7.6	0.4	R 21.9	0.5	R 210.7	640.0	R 850.7
1991	(s)	194.5	10.2	0.2	3.0	5.7	0.1	19.1	0.5	214.0	663.3	R 877.3
1992	(s)	190.5	R 13.5	0.2	5.6	4.9	0.3	R 24.4	0.5	R 215.4	658.1	R 873.5
1993	0.6	227.5	16.9	0.2	3.0	2.4	0.4	23.0	0.5	251.5	686.6	938.1
1994	0.9	215.3	R 11.3	0.1	5.5	3.3	(s)	R 20.3	0.5	R 236.9	714.1	R 951.0
1995	1.1	208.8	R 14.1	0.2	7.7	3.3	0.2	R 25.4	0.4	R 235.6	720.8	R 956.5
1996	2.1	263.8	R 16.9	0.2	12.5	4.8	(s)	R 34.4	0.5	R 300.9	768.3	R 1,069.2
1997	0.1	223.2	R 13.5	0.9	15.9	4.4	—	R 34.7	0.5	R 258.5	775.6	R 1,034.0
1998	(s)	208.1	R 9.8	0.2	15.1	3.9	R 1.4	30.4	0.4	R 239.0	803.7	1,042.6
1999	0.2	196.3	R 12.0	0.1	18.7	2.8	—	R 33.5	0.5	R 230.5	777.8	R 1,008.3
2000	R 0.3	R 274.0	R 23.4	0.3	19.3	5.1	0.1	R 48.1	0.8	R 323.2	830.0	R 1,153.1
2001	—	324.8	30.6	0.3	15.7	4.6	0.2	51.3	0.6	376.7	830.9	1,207.6

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Kansas

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.45	0.45	0.27	0.74	0.64	0.69	0.83	5.08	2.64	0.43	1.47	1.35	3.00	0.62	3.50	0.81
1975	—	0.92	0.92	0.55	2.10	2.13	2.27	1.91	7.48	4.50	1.84	2.34	2.63	3.00	1.45	5.62	1.87
1980	—	1.32	1.32	2.35	4.02	4.99	5.22	3.58	14.36	9.27	2.53	7.15	5.13	—	3.31	10.68	4.02
1985	—	1.69	1.69	3.54	5.22	6.22	7.01	4.26	17.61	9.28	3.86	8.18	5.41	—	R 4.46	14.74	R 5.35
1986	—	1.74	1.74	3.17	3.88	4.06	4.62	8.58	15.59	6.72	2.28	8.63	R 6.73	3.31	5.04	15.76	R 6.09
1987	—	1.59	1.59	2.93	3.70	4.50	4.71	8.07	13.58	7.05	2.36	9.06	R 6.60	3.31	4.70	15.33	R 5.70
1988	—	1.42	1.42	2.39	3.49	4.16	4.18	8.04	14.62	6.78	1.67	8.12	R 6.21	3.31	R 4.51	14.68	R 5.49
1989	—	1.28	1.28	R 3.09	3.00	4.73	5.00	7.43	14.48	7.66	2.04	9.40	R 6.30	d 3.31	R d 4.83	14.17	R d 5.81
1990	—	1.18	1.18	2.88	2.94	5.83	6.36	4.28	14.60	8.90	2.13	8.91	R 5.01	R 1.66	R 3.92	14.49	5.02
1991	—	1.26	1.26	2.64	2.98	5.19	5.74	3.57	16.80	8.72	1.48	6.20	4.43	R 1.66	3.44	14.51	R 4.65
1992	—	1.31	1.31	2.64	2.54	5.15	5.25	8.09	18.32	8.49	2.21	6.65	6.38	R 1.66	R 4.41	14.45	R 5.45
1993	—	1.40	1.40	2.67	3.16	5.00	5.54	4.39	18.96	8.31	2.09	5.86	4.88	R 1.66	3.55	14.49	4.81
1994	—	1.35	1.35	2.75	3.17	4.86	5.02	7.13	19.11	8.33	2.22	5.99	R 5.41	R 2.35	3.66	14.45	R 4.72
1995	—	1.34	1.34	2.22	3.41	4.86	5.26	7.48	19.41	8.54	2.51	6.37	R 5.53	R 2.34	R 3.47	14.12	R 4.90
1996	—	1.27	1.27	3.10	3.22	5.85	5.92	9.10	20.08	9.36	2.70	6.07	R 6.69	R 2.35	4.79	13.78	R 5.96
1997	—	1.30	1.30	3.31	3.51	5.36	5.97	8.87	17.98	9.34	2.98	5.57	R 6.98	R 2.33	5.06	13.23	R 6.08
1998	—	1.25	1.25	3.19	3.21	4.24	4.47	7.75	19.07	7.86	2.82	3.82	5.84	R 2.34	R 4.48	13.07	5.62
1999	—	1.33	1.33	2.94	3.35	5.01	5.37	7.93	16.75	8.66	2.53	5.13	R 6.62	R 2.34	5.02	13.11	R 6.10
2000	—	R 1.26	R 1.26	R 3.97	5.05	7.95	8.18	12.51	17.99	11.48	3.97	7.71	R 9.84	R 2.32	6.96	13.33	7.81
2001	—	1.49	1.49	4.95	4.88	7.26	7.10	11.69	19.00	11.17	3.77	6.44	8.29	2.32	6.67	13.33	7.67
	Expenditures in Million Nominal Dollars																
1970	—	1.0	1.0	35.5	10.7	9.4	0.6	5.4	6.4	38.5	0.2	6.4	77.5	3.3	117.3	46.8	164.2
1975	—	2.5	2.5	51.5	30.1	43.8	0.3	19.7	11.5	56.8	9.0	13.9	185.2	6.2	245.5	106.5	352.0
1980	—	9.4	9.4	322.0	80.5	101.0	14.1	72.5	35.5	58.3	6.1	48.4	416.4	—	747.8	256.6	1,004.4
1985	—	13.2	13.2	400.3	58.9	R 146.7	0.8	339.0	39.6	51.9	0.8	76.6	R 714.3	—	R 1,127.8	351.8	R 1,479.6
1986	—	9.7	9.7	297.7	68.4	R 113.3	1.2	459.2	34.3	32.8	4.0	65.0	R 778.4	3.0	R 1,088.8	372.9	R 1,461.7
1987	—	8.7	8.7	328.4	64.2	R 123.7	1.0	416.6	33.8	36.2	3.4	71.2	R 750.1	2.9	R 1,090.1	369.8	R 1,459.9
1988	—	6.5	6.5	241.3	101.4	R 113.5	0.3	492.2	35.1	30.1	5.0	59.6	R 837.1	3.1	R 1,088.0	375.9	R 1,463.9
1989	—	5.2	5.2	291.2	61.9	R 125.8	0.6	440.0	35.6	33.7	2.7	66.8	R 767.1	d 1.3	R d 1,064.8	367.7	R d 1,432.5
1990	—	4.5	4.5	316.4	75.7	R 154.1	0.4	207.2	37.0	35.7	R 1.7	67.1	R 579.0	R 1.6	R 901.5	389.7	R 1,291.2
1991	—	4.6	4.6	307.6	73.5	R 137.9	0.3	146.1	38.1	34.6	0.7	25.0	R 456.1	R 1.6	R 769.9	399.4	R 1,169.3
1992	—	5.1	5.1	321.3	62.7	R 135.0	0.5	442.4	42.3	30.1	R 1.3	27.4	R 741.7	R 1.5	R 1,069.6	405.8	R 1,475.4
1993	—	4.5	4.5	R 341.8	76.2	R 148.8	0.3	106.3	44.6	39.0	2.6	24.3	R 442.1	R 1.5	R 789.9	418.8	R 1,208.8
1994	—	4.4	4.4	R 481.9	99.6	R 138.4	0.2	158.3	47.0	41.1	1.5	25.3	R 511.5	R 1.5	R 999.3	432.7	R 1,432.0
1995	—	4.5	4.5	R 267.3	88.4	R 136.1	0.3	82.6	46.9	44.3	R 0.1	25.5	R 424.3	R 1.5	R 697.6	439.5	R 1,137.0
1996	—	5.0	5.0	R 315.5	76.5	R 163.9	0.4	259.3	47.1	49.8	1.1	67.3	R 665.4	R 2.0	R 987.9	423.1	R 1,411.0
1997	—	4.4	4.4	R 359.9	49.2	R 164.2	0.6	364.4	44.5	51.4	R 1.5	70.4	R 746.3	R 1.6	R 1,112.2	411.6	R 1,523.8
1998	—	3.4	3.4	R 330.5	57.5	R 119.5	0.6	296.4	49.5	47.4	R 0.7	49.4	R 620.9	R 1.5	R 956.3	424.1	R 1,380.4
1999	—	3.6	3.6	R 268.2	52.5	R 140.5	0.3	495.6	43.9	32.7	R 0.9	62.7	R 829.2	R 1.5	R 1,102.5	445.4	R 1,547.9
2000	—	R 4.1	R 4.1	R 406.1	82.8	R 207.2	R 0.5	635.5	46.4	42.8	R 5.8	R 94.9	R 1,116.0	R 1.3	R 1,527.5	453.2	R 1,980.7
2001	—	5.8	5.8	432.3	134.7	207.1	0.8	368.2	44.9	56.4	2.9	70.0	885.0	1.3	1,324.5	467.6	1,792.1

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Kansas

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.45	—	2.17	1.18	0.75	0.83	5.08	2.64	0.49	2.34	2.34	—	2.34
1975	0.92	—	3.45	2.70	2.09	1.91	7.48	4.50	1.66	4.13	4.13	—	4.13
1980	—	—	9.02	7.05	6.47	3.58	14.36	9.27	3.82	8.58	8.58	—	8.58
1985	—	—	9.99	6.75	5.94	R 4.55	17.61	9.28	—	R 8.40	R 8.40	—	R 8.40
1986	—	—	8.41	6.43	3.73	R 9.08	15.59	6.72	2.34	6.30	6.30	—	6.30
1987	—	—	7.55	6.69	4.01	R 8.54	13.58	7.05	—	6.75	6.75	—	6.75
1988	—	—	7.41	6.21	3.81	R 8.50	14.62	6.78	—	6.47	6.47	—	6.47
1989	—	—	8.28	6.87	4.27	R 7.98	14.48	7.66	—	R 7.26	R 7.26	—	R 7.26
1990	—	—	9.32	8.28	5.57	R 4.70	14.60	8.90	—	R 8.52	R 8.52	—	R 8.52
1991	—	—	8.71	7.94	4.81	R 3.96	16.80	8.72	—	8.31	8.31	—	8.31
1992	—	—	8.54	7.80	4.36	R 9.01	18.32	8.49	—	8.04	8.04	—	8.04
1993	—	—	8.24	7.76	4.19	R 4.89	18.96	8.31	—	7.96	7.96	—	7.96
1994	—	3.18	7.96	7.61	4.13	R 10.15	19.11	8.33	—	R 8.12	R 8.12	—	R 8.12
1995	—	2.75	8.36	7.56	4.19	R 10.54	19.41	8.54	—	R 8.15	R 8.15	—	R 8.15
1996	—	3.07	9.29	8.50	4.76	R 10.27	20.08	9.36	—	R 9.06	R 9.06	—	R 9.06
1997	—	3.69	9.39	8.35	4.88	R 9.69	17.98	9.34	—	R 8.99	8.98	—	8.98
1998	—	R 5.63	8.11	7.04	3.68	R 9.56	19.07	7.86	1.54	R 7.62	R 7.62	—	R 7.62
1999	—	6.11	8.81	7.88	4.30	R 12.13	16.75	8.66	2.12	8.26	8.26	—	8.26
2000	—	5.47	R 10.87	10.32	6.53	R 15.51	17.99	11.48	—	R 10.94	R 10.94	—	R 10.94
2001	—	6.92	11.01	9.89	6.15	16.92	19.00	11.17	3.22	10.70	10.70	—	10.70
	Expenditures in Million Nominal 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	R 387.3	147.6	R 1.6	58.6	1,315.0	—	R 1,917.1	R 1,917.1	—	R 1,917.1
1986	—	—	6.9	R 331.8	148.2	R 3.3	50.8	966.1	(s)	R 1,507.0	R 1,507.0	—	R 1,507.0
1987	—	—	4.6	R 463.0	96.7	R 3.5	50.0	1,035.6	—	R 1,653.4	R 1,653.4	—	R 1,653.4
1988	—	—	5.5	R 414.5	89.2	R 4.4	51.9	1,061.6	—	R 1,627.0	R 1,627.0	—	R 1,627.0
1989	—	—	6.5	R 436.4	91.5	R 5.4	52.7	1,161.3	—	R 1,753.9	R 1,753.9	—	R 1,753.9
1990	—	—	6.4	R 562.3	115.4	R 2.4	54.7	1,295.0	—	R 2,036.3	R 2,036.3	—	R 2,036.3
1991	—	—	5.5	R 486.8	88.2	R 1.6	56.3	1,244.6	—	R 1,882.8	R 1,882.8	—	R 1,882.8
1992	—	—	6.1	R 443.4	101.0	R 3.2	62.6	1,206.0	—	R 1,822.3	R 1,822.3	—	R 1,822.3
1993	—	—	6.3	R 456.3	84.7	R 1.8	66.0	1,202.3	—	R 1,817.3	R 1,817.3	—	R 1,817.3
1994	—	(s)	5.7	R 406.6	45.4	R 5.6	69.5	1,221.9	—	R 1,754.7	R 1,754.7	—	R 1,754.7
1995	—	(s)	6.2	R 558.5	57.2	R 2.2	69.4	1,261.4	—	R 1,954.8	R 1,954.8	—	R 1,954.8
1996	—	(s)	8.3	R 544.2	54.2	R 0.9	69.7	1,454.7	—	R 2,131.9	R 2,131.9	—	R 2,131.9
1997	—	(s)	11.7	R 507.4	58.9	R 3.4	65.9	1,438.8	—	R 2,086.1	R 2,086.1	—	R 2,086.1
1998	—	R (s)	8.2	R 423.7	45.0	R 0.9	73.1	1,259.2	(s)	R 1,810.2	R 1,810.3	—	R 1,810.3
1999	—	(s)	10.7	R 461.5	84.8	R 1.0	64.9	1,477.9	0.1	R 2,100.9	R 2,100.9	—	R 2,100.9
2000	—	(s)	R 11.8	R 571.9	119.7	R 1.7	68.7	1,859.7	—	R 2,633.3	R 2,633.4	—	R 2,633.4
2001	—	0.1	10.9	553.4	78.7	3.5	66.5	1,702.6	(s)	2,415.6	2,415.6	—	2,415.6

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Kansas (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.31	0.30	0.47	0.62	—	0.52	—	—	—	—	0.30
1975	0.67	0.48	1.55	2.08	0.65	1.69	—	—	—	—	0.72
1980	1.07	1.78	3.78	5.74	—	4.60	—	—	—	—	1.38
1985	1.40	2.88	3.99	5.55	—	5.39	0.84	—	—	—	1.44
1986	1.32	2.50	2.33	3.36	—	3.27	0.63	—	—	—	1.23
1987	1.27	2.18	2.39	3.87	—	3.62	0.51	—	—	—	1.17
1988	1.24	2.06	2.73	3.43	—	3.12	0.45	—	—	—	1.14
1989	1.24	1.98	2.13	4.33	—	3.81	0.32	—	—	—	1.04
1990	1.24	1.76	1.86	5.40	—	4.86	0.30	—	—	—	1.08
1991	1.23	1.71	1.41	4.32	—	4.25	0.31	—	—	—	1.12
1992	1.18	2.00	1.47	4.38	—	4.33	0.29	—	—	—	0.99
1993	1.02	2.32	2.00	4.16	—	3.61	0.33	—	—	—	0.96
1994	1.03	1.92	1.58	4.05	—	3.82	0.35	—	—	—	0.94
1995	1.02	1.61	1.64	3.69	—	3.68	0.39	—	—	—	0.91
1996	0.99	2.32	2.46	4.60	—	3.56	0.49	—	—	—	0.97
1997	1.02	2.58	2.26	4.49	—	3.66	0.49	—	3.77	—	1.01
1998	0.98	2.14	1.54	3.28	—	3.26	0.47	—	4.01	—	0.96
1999	0.95	2.34	2.12	4.39	—	3.13	0.45	—	4.92	4.16	0.98
2000	0.98	4.14	3.56	6.78	—	4.58	0.44	—	—	—	1.13
2001	1.05	3.58	3.20	6.02	—	3.64	0.44	—	—	—	1.07
	Expenditures in Million Nominal Dollars										
1970	2.6	49.5	1.1	0.6	—	1.8	—	—	—	—	53.9
1975	39.9	60.6	40.3	18.6	(s)	58.9	—	—	—	—	159.5
1980	197.4	172.4	11.7	12.8	—	24.5	—	—	—	—	394.3
1985	352.6	59.1	0.5	6.3	—	6.8	34.2	—	—	—	452.8
1986	324.6	36.4	0.2	3.4	—	3.6	46.7	—	—	—	411.3
1987	331.9	34.5	0.4	3.0	—	3.3	34.6	—	—	—	404.3
1988	328.0	38.6	2.1	3.2	—	5.3	32.0	—	—	—	403.9
1989	326.7	38.0	0.7	4.8	—	5.5	32.9	—	—	—	403.2
1990	332.8	47.7	0.3	4.1	—	4.3	25.0	—	—	—	409.9
1991	324.8	60.2	(s)	3.8	—	3.9	18.9	—	—	—	407.8
1992	294.1	27.5	(s)	2.6	—	2.6	26.2	—	—	—	350.4
1993	305.4	49.4	0.5	3.1	—	3.6	27.6	—	—	—	385.9
1994	304.3	51.9	0.1	3.1	—	3.2	30.8	—	—	—	390.2
1995	291.5	44.5	(s)	3.2	—	3.2	41.4	—	—	—	380.6
1996	329.9	52.7	2.4	4.7	—	7.1	42.5	—	—	—	432.1
1997	314.0	65.8	1.3	4.3	—	5.5	43.3	—	(s)	—	428.7
1998	300.8	79.2	(s)	5.6	—	5.7	51.1	—	0.1	—	436.9
1999	311.5	84.9	4.5	7.5	—	12.0	43.1	—	(s)	0.1	451.5
2000	353.8	140.3	11.9	10.6	—	22.5	41.9	—	—	—	558.6
2001	367.5	84.1	19.7	6.8	—	26.4	47.1	—	—	—	525.1

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Kentucky

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	0.38	0.26	0.27	0.65	1.21	0.73	1.90	2.93	0.56	1.38	2.14	—	1.23	0.95	0.22	3.37	1.66
1975	1.60	0.70	0.75	1.02	2.58	2.03	3.60	4.69	2.06	2.92	3.84	—	1.54	1.88	0.64	5.32	3.26
1980	1.81	1.35	1.37	2.85	6.41	6.39	5.85	9.65	3.64	7.25	7.87	—	2.72	4.00	1.32	10.07	6.74
1985	1.93	1.46	1.48	4.77	6.64	6.17	R 6.77	8.80	4.89	7.26	R 7.74	—	R 3.60	3.94	1.43	14.84	R 7.92
1986	1.75	1.38	1.39	4.38	R 5.44	4.39	7.17	6.69	3.08	6.27	R 6.19	—	2.97	3.28	1.34	15.26	7.18
1987	1.63	1.30	1.31	3.91	R 5.88	4.16	8.21	7.36	2.98	5.18	R 6.52	—	2.77	R 3.37	1.26	15.18	R 7.25
1988	1.73	1.24	1.26	3.89	R 5.76	3.93	R 7.42	7.42	2.91	4.99	R 6.42	—	2.79	3.26	1.20	15.08	R 7.21
1989	1.75	1.20	1.22	4.07	R 6.35	4.45	6.13	8.08	3.05	R 5.20	R 6.87	—	R e 3.53	R e 3.53	1.14	14.17	R e 7.35
1990	1.80	1.24	1.27	4.12	R 7.49	5.82	7.11	9.25	3.61	R 5.34	R 7.92	—	R 3.34	R 3.79	1.20	13.16	R 7.81
1991	1.72	1.23	1.24	3.90	7.02	4.92	R 6.64	8.94	3.12	R 5.42	R 7.41	—	R 3.21	R 3.68	1.18	12.96	R 7.56
1992	1.74	1.20	1.22	3.92	R 6.87	4.61	6.70	8.65	2.71	R 4.94	R 7.10	—	R 2.97	R 3.62	1.17	12.33	R 7.28
1993	1.68	1.21	1.22	4.30	R 6.96	4.36	R 10.06	8.51	2.76	R 4.99	R 7.26	—	R 2.86	3.56	1.17	12.70	R 7.39
1994	1.57	1.20	1.21	4.29	R 6.80	4.09	R 9.17	8.76	2.56	R 4.81	R 7.21	—	R 2.75	3.58	1.17	12.54	R 7.43
1995	1.57	1.15	1.17	3.78	R 6.83	4.15	9.25	9.17	2.92	R 5.12	R 7.50	—	R 2.66	R 3.57	1.11	11.97	R 7.28
1996	1.68	1.11	1.13	4.47	R 7.74	4.87	R 10.82	9.87	3.40	R 5.64	R 8.08	—	R 2.87	3.83	1.07	11.86	R 7.71
1997	R 1.75	R 1.09	1.12	4.97	R 7.51	4.59	R 10.35	9.71	3.72	R 5.33	R 7.95	—	R 2.56	R 3.92	1.06	11.86	R 7.80
1998	R 1.67	R 1.07	R 1.10	4.69	R 6.33	3.33	R 8.95	8.46	2.66	R 3.94	R 6.55	—	R 2.33	3.44	1.08	12.24	R 7.20
1999	R 1.65	R 1.09	R 1.11	4.25	R 7.29	3.99	R 9.03	9.32	2.71	R 4.53	R 7.29	—	R 2.41	R 3.67	1.08	12.27	R 7.55
2000	R 1.62	R 1.04	R 1.06	5.77	R 9.78	6.50	12.83	11.90	3.97	R 6.66	R 9.85	—	R 3.32	R 4.68	1.05	12.31	R 9.22
2001	1.74	1.13	1.15	7.62	9.01	5.63	12.50	11.29	4.30	5.76	9.24	—	3.14	4.68	1.13	12.48	9.29
	Expenditures in Million Nominal Dollars																
1970	16.4	123.5	139.9	136.7	58.0	12.6	67.5	517.3	3.2	99.8	758.5	—	5.9	1,041.0	-90.6	354.9	1,305.3
1975	52.1	368.6	420.7	185.7	164.1	24.6	143.7	1,005.6	11.1	199.1	1,548.1	—	9.8	2,164.3	-309.8	852.2	2,706.7
1980	44.0	834.3	878.3	511.8	855.7	104.4	216.4	2,019.1	20.9	645.2	3,861.7	—	10.9	5,262.6	-743.7	1,698.6	6,217.5
1985	60.5	R 999.7	1,060.1	722.4	R 853.8	119.3	R 132.7	1,846.2	9.5	375.0	R 3,336.5	—	R 25.3	R 5,144.2	-883.4	2,528.3	R 6,789.1
1986	52.2	R 992.3	R 1,044.5	630.7	R 651.4	87.8	R 131.6	1,494.7	8.9	305.8	R 2,680.2	—	21.0	R 4,376.4	-886.1	2,552.6	R 6,042.9
1987	57.1	R 921.9	979.0	587.4	R 732.0	113.5	R 199.8	1,666.0	11.2	292.6	R 3,015.0	—	17.6	R 4,599.1	-832.6	2,596.4	R 6,362.8
1988	60.4	R 972.9	1,033.3	637.0	R 843.7	110.8	R 179.3	1,720.1	7.4	281.7	R 3,143.0	—	18.5	R 4,831.8	-884.5	2,747.0	R 6,694.3
1989	60.6	R 876.2	R 936.8	689.6	R 1,069.5	127.7	138.4	1,842.2	R 6.2	R 286.2	R 3,470.3	—	R e 18.0	R e 5,114.8	R -771.0	2,792.2	R e 7,136.0
1990	56.9	R 960.6	R 1,017.5	656.4	R 1,057.1	188.2	R 153.8	2,091.8	R 8.7	R 298.9	R 3,798.5	—	R 21.1	R 5,493.5	R -858.3	2,707.2	R 7,342.4
1991	39.4	R 956.5	R 995.9	659.4	R 920.9	177.3	R 158.1	2,055.1	5.4	R 505.6	R 3,822.3	—	R 21.3	R 5,499.0	R -859.9	2,800.7	R 7,439.8
1992	52.7	R 937.4	R 990.1	696.2	R 1,005.2	179.7	R 153.9	2,035.3	R 4.4	R 493.7	R 3,872.1	—	R 20.5	R 5,578.9	R -861.9	2,782.1	R 7,499.1
1993	52.9	R 1,074.2	R 1,127.1	R 798.5	R 1,110.7	140.8	R 208.4	2,046.2	R 3.8	R 464.0	R 3,973.9	—	R 15.6	R 5,915.1	R -967.5	2,911.9	R 7,859.5
1994	52.4	R 1,036.2	R 1,088.6	R 812.9	R 1,036.6	146.8	R 185.2	2,115.4	R 3.2	R 467.8	R 3,955.1	—	R 15.4	R 5,871.9	R -946.2	3,058.6	R 7,984.3
1995	60.3	R 1,025.2	R 1,085.5	R 795.8	R 1,086.2	148.2	R 185.2	2,299.2	1.9	R 478.0	R 4,198.6	—	R 17.0	R 6,096.8	R -929.8	3,004.2	R 8,171.2
1996	60.8	R 1,013.3	R 1,074.2	R 953.1	R 1,247.5	154.5	R 278.0	2,242.1	2.5	R 735.9	R 4,660.3	—	R 20.1	R 6,707.7	R -921.7	3,072.9	R 8,858.9
1997	R 63.0	R 1,028.1	R 1,091.1	R 1,035.1	R 1,226.6	118.4	R 322.7	2,539.8	R 1.9	R 766.7	R 4,976.1	—	R 11.4	R 7,113.7	R -942.5	3,067.4	R 9,238.7
1998	R 60.9	R 991.2	R 1,052.1	R 886.5	R 1,036.3	100.8	R 235.7	2,214.8	R 0.2	R 642.5	R 4,230.3	—	R 9.4	R 6,178.3	R -963.2	3,125.6	R 8,340.7
1999	57.8	R 1,034.1	R 1,091.9	R 855.7	R 1,166.2	157.3	R 297.3	2,473.7	R 0.4	R 761.2	R 4,856.1	—	R 10.2	R 6,813.9	R -994.5	3,268.4	R 9,087.8
2000	R 49.7	R 1,008.5	R 1,058.2	R 1,221.5	R 1,688.2	245.3	R 456.0	3,032.1	R 1.4	R 1,018.0	R 6,440.9	—	R 14.2	R 8,734.8	R -987.9	3,248.1	R 10,995.1
2001	43.3	1,114.8	1,158.1	1,475.1	1,611.9	191.6	442.7	3,014.5	1.6	819.4	6,081.7	—	11.9	8,726.8	-1,070.2	3,361.2	11,017.8

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Kentucky

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	0.86	0.81	1.19	1.73	2.36	1.98	0.85	1.07	5.85	1.84
1975	1.91	1.22	2.49	3.13	4.16	3.69	1.69	1.76	7.83	3.19
1980	2.30	3.00	6.89	8.52	8.31	8.10	4.31	4.15	12.91	6.84
1985	2.45	5.15	7.67	7.18	9.78	R 8.30	R 4.88	5.68	17.06	R 9.94
1986	2.29	4.75	5.10	5.44	9.15	R 6.93	3.91	R 5.03	16.94	R 9.68
1987	2.12	4.37	5.25	5.41	8.93	R 7.25	R 3.73	4.86	16.68	R 9.58
1988	2.04	4.32	5.60	5.33	8.34	R 6.81	R 3.77	4.72	16.60	R 9.38
1989	2.01	4.50	6.14	6.26	11.02	R 8.58	4.16	5.21	16.51	R 9.65
1990	2.25	4.74	6.76	7.94	11.86	R 9.56	3.53	R 5.43	16.69	R 10.23
1991	2.12	4.65	6.27	7.91	10.54	8.89	R 3.38	5.26	16.65	R 10.21
1992	2.09	4.74	6.42	7.39	11.12	9.05	R 3.09	5.29	16.70	10.00
1993	2.19	5.01	7.09	6.00	10.22	R 8.66	3.02	5.49	16.71	10.19
1994	2.18	5.14	6.17	6.36	11.72	R 9.29	2.93	5.70	16.93	R 10.57
1995	2.05	4.61	5.45	6.32	11.53	R 8.96	2.87	5.20	16.48	R 10.06
1996	2.02	5.28	6.31	6.94	12.84	R 10.54	3.29	6.11	16.26	10.49
1997	2.08	R 6.06	6.46	7.40	12.62	R 10.45	3.27	R 6.81	16.36	R 11.04
1998	2.07	5.83	4.85	6.78	11.09	R 8.70	2.84	6.29	16.45	R 11.32
1999	2.09	5.54	6.29	4.93	11.13	R 8.63	2.92	R 6.09	16.34	R 11.03
2000	2.03	7.12	9.11	9.27	14.72	12.91	4.38	8.03	16.03	11.90
2001	2.37	9.20	5.21	9.28	15.07	11.83	4.17	9.39	16.37	13.07
	Expenditures in Million Nominal Dollars									
1970	6.0	71.6	2.8	20.4	30.0	53.1	1.5	132.3	139.6	271.8
1975	3.9	97.1	6.4	19.0	57.8	83.2	3.3	187.5	256.0	443.5
1980	3.3	224.9	32.9	84.6	63.0	180.4	7.5	416.1	575.9	991.9
1985	R 3.3	318.9	R 38.2	33.9	55.9	R 128.1	R 20.9	R 471.1	846.2	R 1,317.2
1986	R 3.8	292.7	R 21.3	20.7	54.9	R 97.0	16.3	R 409.7	884.7	R 1,294.5
1987	R 3.5	267.7	R 25.6	13.7	77.0	R 116.3	13.0	R 400.4	915.1	R 1,315.5
1988	R 4.0	286.8	R 30.5	19.5	65.4	R 115.3	13.6	R 419.8	952.0	R 1,371.8
1989	R 2.4	304.6	R 31.1	20.7	90.3	R 142.0	15.6	R 464.6	953.0	R 1,417.6
1990	R 1.7	276.4	R 29.5	14.5	78.5	R 122.4	18.8	R 419.3	957.5	R 1,376.8
1991	R 1.8	289.6	R 25.6	16.9	81.9	R 124.5	19.0	R 434.9	1,059.5	R 1,494.4
1992	R 2.0	310.2	R 28.5	15.3	81.6	R 125.5	18.3	R 455.9	1,013.4	R 1,469.3
1993	R 2.6	351.3	R 32.3	13.5	86.5	R 132.2	13.5	R 499.6	1,096.0	R 1,595.6
1994	2.3	341.4	R 26.7	14.1	96.7	R 137.5	12.8	R 494.1	1,125.0	R 1,619.1
1995	0.9	334.1	R 22.9	14.9	94.4	R 132.2	14.0	R 481.1	1,155.1	R 1,636.1
1996	0.7	389.1	R 24.3	17.3	140.7	R 182.3	16.0	R 588.0	1,185.0	R 1,773.0
1997	1.9	420.6	R 24.7	20.4	137.7	R 182.9	7.5	R 612.9	1,172.1	R 1,785.0
1998	1.3	334.9	R 16.5	23.5	91.7	R 131.7	5.9	R 473.9	1,215.9	R 1,689.8
1999	R 2.6	338.7	R 19.2	24.2	112.6	R 155.9	6.5	R 503.8	1,257.4	R 1,761.2
2000	1.1	479.1	R 28.0	R 16.6	147.4	191.9	10.2	682.4	1,278.7	R 1,961.1
2001	1.5	543.3	13.9	14.3	100.2	128.4	8.3	681.4	1,323.4	2,004.8

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Kentucky

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.44	0.66	1.02	0.79	1.65	2.93	0.78	1.34	0.85	0.76	5.48	1.54
1975	1.30	1.05	2.29	2.53	3.29	4.69	1.69	2.88	1.69	1.43	5.26	2.54
1980	1.75	2.89	6.49	6.08	5.22	9.65	4.12	6.53	4.31	3.98	10.42	5.92
1985	1.87	4.95	6.09	7.18	5.52	8.80	4.89	R 6.51	4.88	R 5.05	12.34	7.83
1986	1.79	4.55	3.72	5.44	6.20	6.69	3.08	R 4.70	3.91	R 4.28	12.94	7.77
1987	1.74	4.11	4.25	5.41	7.81	7.36	2.98	R 5.94	3.73	R 4.12	15.63	8.99
1988	1.76	4.06	3.84	5.33	6.97	7.42	2.91	R 5.06	3.77	3.96	15.30	8.54
1989	1.83	4.19	4.48	6.26	3.34	8.08	3.05	R 5.32	4.16	R 4.18	15.13	R 8.92
1990	1.86	4.35	5.55	7.94	5.01	9.25	3.61	R 6.64	3.53	R 4.61	15.33	R 9.67
1991	1.87	4.24	4.92	7.91	4.74	8.94	—	5.98	3.38	R 4.33	15.21	R 9.52
1992	1.76	4.22	4.72	7.39	4.62	8.65	—	5.51	3.09	4.21	15.11	9.14
1993	1.70	4.60	4.54	6.00	9.94	8.51	2.76	6.12	3.02	4.46	15.10	9.30
1994	1.75	4.69	4.33	6.36	8.22	8.76	2.56	R 5.34	2.93	4.43	15.09	R 9.29
1995	1.77	4.20	4.34	6.32	8.25	9.17	—	R 5.25	2.87	4.23	15.01	R 9.18
1996	1.78	4.85	5.29	6.94	10.02	9.87	3.40	R 6.43	3.29	4.98	14.85	9.49
1997	1.83	5.51	4.96	7.40	10.58	9.71	—	R 6.59	3.27	5.18	15.13	R 9.96
1998	1.40	5.25	3.86	6.78	9.45	8.46	—	R 5.25	2.84	R 4.82	15.17	R 10.32
1999	1.73	4.98	4.39	4.93	8.84	9.32	2.71	R 5.43	2.92	R 4.50	15.02	R 9.81
2000	1.59	6.42	7.11	9.27	11.77	11.90	3.97	8.25	4.38	6.30	14.65	10.67
2001	1.74	8.87	6.57	9.28	13.27	11.29	4.31	7.74	4.17	7.93	14.88	11.72
	Expenditures in Million Nominal Dollars											
1970	2.4	28.3	5.0	1.8	3.7	4.1	0.1	14.6	(s)	45.4	64.8	110.2
1975	6.2	40.8	12.2	3.0	8.1	6.8	0.1	30.2	0.1	77.2	116.4	193.6
1980	9.5	114.9	99.6	21.4	7.0	12.7	0.5	141.1	0.2	265.7	299.9	565.6
1985	R 8.9	172.1	R 56.0	3.7	5.6	17.5	(s)	R 82.8	0.6	R 264.2	398.7	R 662.9
1986	R 9.9	154.4	R 23.4	4.6	6.6	14.2	0.6	R 49.4	0.5	R 214.2	437.7	R 651.9
1987	R 9.5	141.8	R 14.5	2.1	11.9	16.2	(s)	R 44.7	0.4	R 196.4	546.5	R 742.9
1988	R 12.1	150.4	R 23.0	4.3	9.6	15.7	0.7	R 53.4	0.5	R 216.4	565.0	R 781.4
1989	R 8.1	157.2	R 19.7	5.8	4.8	16.7	(s)	R 47.0	0.6	R 212.9	588.0	R 800.9
1990	R 5.5	143.8	R 24.6	4.2	5.9	21.6	(s)	R 56.3	1.2	R 206.8	613.9	R 820.7
1991	R 7.1	149.6	20.5	4.6	6.5	15.0	—	R 46.5	1.2	R 204.4	654.4	R 858.8
1992	R 7.6	158.3	R 24.0	2.4	6.0	12.6	—	R 45.0	1.2	R 212.1	628.7	R 840.7
1993	R 9.2	182.3	R 17.6	2.7	14.8	1.8	(s)	R 36.9	1.1	R 229.5	649.4	R 878.9
1994	10.5	183.0	R 22.7	2.6	12.0	1.8	(s)	R 39.1	1.1	R 233.7	667.2	R 900.9
1995	5.0	177.6	R 28.2	4.2	11.9	2.0	—	R 46.3	1.1	R 230.0	692.6	R 922.5
1996	4.5	208.5	R 36.8	4.4	19.4	2.1	(s)	R 62.6	1.3	R 276.9	696.2	R 973.0
1997	13.4	223.7	R 27.0	4.7	20.4	2.0	—	R 54.1	0.8	R 292.0	786.9	R 1,078.8
1998	R 7.4	176.3	R 23.8	5.0	13.8	3.5	—	R 46.1	0.7	R 230.5	823.9	R 1,054.4
1999	R 16.0	184.0	R 28.0	1.9	15.8	1.9	(s)	R 47.6	0.8	R 248.4	845.5	R 1,093.9
2000	7.1	258.3	R 44.8	3.7	20.8	2.5	0.2	R 71.9	1.2	R 338.6	862.5	R 1,201.1
2001	8.9	324.3	43.0	3.1	15.6	2.5	0.2	64.2	0.9	398.4	893.6	1,292.0

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Kentucky

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	0.38	0.44	0.42	0.48	0.67	0.73	0.79	1.65	5.08	2.93	0.44	1.15	1.20	1.47	0.71	2.16	1.01
1975	1.60	1.30	1.44	0.75	1.80	2.31	2.53	3.29	7.48	4.69	2.11	2.63	2.72	1.47	1.81	4.56	2.64
1980	1.81	1.75	1.77	2.66	3.56	5.43	6.08	5.22	14.36	9.65	3.58	7.21	6.03	1.46	4.11	8.63	5.24
1985	1.93	1.87	1.89	4.25	4.74	6.34	6.94	5.52	17.61	8.80	4.89	6.11	6.42	1.46	R 4.17	14.51	6.90
1986	1.75	1.79	1.77	3.79	4.90	4.10	4.98	6.20	15.59	6.69	3.08	4.98	R 5.19	1.52	3.55	15.14	R 6.62
1987	1.63	1.74	1.69	3.27	3.19	4.54	4.95	7.81	13.58	7.36	2.98	4.48	R 5.07	1.52	R 3.50	13.98	R 6.09
1988	1.73	1.76	1.74	3.32	3.05	4.20	4.61	6.97	14.62	7.42	2.91	3.94	R 4.77	1.52	R 3.39	14.00	R 6.20
1989	1.75	1.83	1.80	3.55	2.86	4.76	5.51	3.34	14.48	8.08	3.05	R 4.31	R 4.55	d 1.52	R d 3.31	12.46	d 5.90
1990	1.80	1.86	1.84	3.47	2.94	5.92	6.96	5.01	14.60	9.25	3.61	R 4.53	R 5.27	R 1.67	R 3.65	10.50	R 5.65
1991	1.72	1.87	1.82	3.08	3.30	5.27	6.02	4.74	16.80	8.94	3.12	R 4.88	R 5.11	R 1.67	R 3.74	9.93	R 5.46
1992	1.74	1.76	1.75	3.05	2.03	5.21	5.28	4.62	18.32	8.65	2.71	R 4.43	R 4.75	R 1.67	R 3.59	9.25	R 5.26
1993	1.68	1.70	1.70	3.49	2.36	5.05	5.10	9.94	18.96	8.51	2.76	R 4.32	R 5.17	R 1.67	R 3.70	9.67	R 5.40
1994	1.57	1.75	1.67	3.43	2.44	4.91	5.29	7.21	19.11	8.76	2.56	R 4.06	R 4.80	R 1.77	R 3.59	9.51	R 5.37
1995	1.57	1.77	1.69	2.97	2.61	4.91	4.91	7.56	19.41	9.17	2.92	R 4.39	R 5.07	R 1.68	R 3.49	8.58	R 4.97
1996	1.68	1.78	1.74	3.69	3.12	5.91	5.85	9.19	20.08	9.87	3.40	R 5.18	R 5.82	R 1.63	R 4.22	8.54	R 5.40
1997	R 1.75	1.83	R 1.79	3.99	3.23	5.42	5.68	8.96	17.98	9.71	3.72	R 4.96	R 5.58	R 1.60	R 4.32	8.22	R 5.35
1998	R 1.67	1.40	R 1.54	3.87	3.11	4.28	4.13	7.83	19.07	8.46	2.66	R 3.27	R 4.16	R 1.64	R 3.58	8.54	R 4.84
1999	R 1.65	1.73	R 1.69	3.22	2.84	5.06	5.10	8.01	16.75	9.32	2.71	R 4.22	R 4.83	R 1.68	R 3.88	8.75	R 5.15
2000	R 1.62	1.59	R 1.60	4.63	3.78	8.03	8.24	12.09	17.99	11.90	3.97	R 6.60	R 7.36	R 1.68	R 5.64	8.83	R 6.46
2001	1.74	1.74	1.74	6.28	4.29	7.34	7.79	11.82	19.00	11.29	4.31	5.24	6.81	1.71	5.79	8.91	6.61
	Expenditures in Million Nominal Dollars																
1970	16.4	27.5	44.0	34.3	13.8	8.9	2.7	33.5	14.6	3.2	1.8	31.5	110.0	4.4	192.6	150.5	343.2
1975	52.1	50.1	102.3	47.5	31.3	44.7	4.2	77.0	23.5	4.8	9.9	91.7	287.1	6.4	443.3	479.9	923.1
1980	44.0	90.6	134.6	167.8	47.8	203.6	18.6	146.2	46.9	4.5	17.1	375.7	860.3	3.3	1,166.0	822.8	1,988.8
1985	60.5	117.4	177.8	227.4	58.9	R 215.2	22.9	69.2	52.4	39.0	9.5	149.5	R 616.5	3.8	R 1,025.5	1,283.4	R 2,308.9
1986	52.2	98.7	150.9	182.3	74.3	R 124.7	7.5	68.2	45.3	28.9	8.3	106.1	R 463.4	4.2	R 800.8	1,230.1	R 2,030.9
1987	57.1	82.7	139.8	176.9	57.2	R 158.6	3.8	108.6	44.6	32.7	11.2	125.9	R 542.7	4.2	R 863.6	1,134.8	R 1,998.4
1988	60.4	77.9	138.4	198.6	53.0	R 134.1	4.9	102.2	46.3	30.6	6.6	106.8	R 484.6	4.4	R 826.0	1,230.0	R 2,056.0
1989	60.6	102.1	162.6	226.9	52.4	R 154.6	6.1	42.4	47.1	35.6	R 6.2	R 106.6	R 451.0	d 1.9	R d 842.4	1,251.2	R d 2,093.6
1990	56.9	103.2	160.1	235.4	59.1	R 208.8	6.0	68.2	48.8	41.2	R 8.7	R 116.9	R 557.7	R 1.1	R 954.3	1,135.7	R 2,090.0
1991	39.4	95.1	134.5	219.6	61.3	R 160.0	2.4	68.7	50.3	40.6	5.4	R 319.5	R 708.1	R 1.1	R 1,063.3	1,086.8	R 2,150.1
1992	52.7	72.2	124.8	226.9	34.1	R 174.3	2.5	65.2	55.9	39.1	R 4.4	R 327.4	R 702.8	R 1.0	R 1,055.6	1,140.0	R 2,195.6
1993	52.9	101.1	154.0	R 264.1	40.0	R 154.9	4.0	104.9	58.9	46.6	3.8	R 286.8	R 699.8	R 1.0	R 1,118.9	1,166.5	R 2,285.3
1994	52.4	86.2	138.6	R 287.4	46.1	R 166.2	3.0	73.1	62.1	51.0	R 3.2	R 278.5	R 683.2	R 1.5	R 1,110.6	1,266.4	R 2,377.0
1995	60.3	99.2	159.5	R 281.4	48.0	R 174.7	3.2	77.1	62.0	55.8	1.9	R 284.3	R 707.0	R 1.9	R 1,149.8	1,156.6	R 2,306.3
1996	60.8	102.2	163.0	R 348.9	56.2	R 209.3	4.0	116.1	62.2	61.8	2.5	R 529.8	R 1,041.9	R 2.9	R 1,556.6	1,191.8	R 2,748.3
1997	R 63.0	R 85.4	R 148.4	R 383.0	73.2	R 179.0	4.4	162.6	58.8	62.3	R 1.9	R 547.2	R 1,089.4	R 3.0	R 1,623.8	1,108.4	R 2,732.2
1998	R 60.9	R 48.2	R 109.1	R 355.4	65.9	R 146.6	2.6	129.5	65.3	36.2	R 0.2	R 411.9	R 858.2	R 2.8	R 1,325.6	1,085.8	R 2,411.4
1999	57.8	47.3	R 105.0	R 312.9	78.9	R 145.6	3.8	167.9	58.0	39.8	R 0.3	R 537.3	R 1,031.6	R 2.9	R 1,452.4	1,165.5	R 2,617.9
2000	R 49.7	45.9	R 95.6	R 462.4	99.6	R 207.4	R 5.1	284.8	61.3	51.3	R 1.2	R 771.0	R 1,481.6	R 2.8	R 2,042.4	1,107.0	R 3,149.4
2001	43.3	62.5	105.8	586.0	94.9	227.9	3.3	323.1	59.4	101.1	1.4	582.5	1,393.5	2.7	2,088.1	1,144.2	3,232.3

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Kentucky

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.44	—	2.17	1.45	0.73	1.65	5.08	2.93	0.77	2.58	2.58	—	2.58
1975	1.30	—	3.45	2.78	2.03	3.29	7.48	4.69	1.46	4.34	4.34	—	4.34
1980	—	—	9.02	6.86	6.39	5.22	14.36	9.65	3.94	8.82	8.82	—	8.82
1985	—	—	9.99	6.78	6.17	R 5.78	17.61	8.80	—	8.19	8.19	—	8.19
1986	—	—	8.41	6.16	4.39	R 6.65	15.59	6.69	—	6.50	6.50	—	6.50
1987	—	—	7.55	6.61	4.16	R 8.55	13.58	7.36	—	6.98	6.98	—	6.98
1988	—	—	7.41	6.40	3.93	R 7.63	14.62	7.42	—	6.92	6.92	—	6.92
1989	—	—	8.28	6.86	4.45	R 3.66	14.48	8.08	—	7.45	7.45	—	7.45
1990	—	—	9.32	8.21	5.82	R 5.44	14.60	9.25	—	8.70	8.70	—	8.70
1991	—	—	8.71	7.75	4.92	R 5.15	16.80	8.94	—	8.29	8.29	—	8.29
1992	—	3.57	8.54	7.56	4.61	R 5.01	18.32	8.65	—	R 8.01	R 8.01	—	R 8.01
1993	—	5.06	8.24	7.56	4.36	R 10.78	18.96	8.51	—	R 7.96	R 7.96	—	R 7.96
1994	—	4.35	7.96	7.59	4.09	R 9.98	19.11	8.76	—	R 8.08	R 8.08	—	R 8.08
1995	—	4.65	8.36	7.68	4.15	R 10.36	19.41	9.17	—	R 8.37	R 8.37	—	R 8.37
1996	—	5.28	9.29	8.55	4.87	R 10.09	20.08	9.87	—	R 9.12	R 9.12	—	R 9.12
1997	—	6.36	9.39	8.27	4.59	R 9.52	17.98	9.71	—	R 9.02	R 9.02	—	R 9.02
1998	—	6.53	8.11	7.14	3.33	R 9.40	19.07	8.46	—	7.78	7.78	—	7.78
1999	—	6.47	8.81	8.04	3.99	R 11.82	16.75	9.32	—	8.52	8.52	—	8.52
2000	—	5.28	R 10.87	10.29	6.50	R 14.98	17.99	11.90	—	R 10.96	R 10.96	—	R 10.96
2001	—	7.50	11.01	9.61	5.63	16.28	19.00	11.29	3.48	10.37	10.36	—	10.36
	Expenditures in Million Nominal Dollars												
1970	0.1	—	3.6	41.4	12.6	0.3	11.4	510.0	0.7	580.0	580.1	—	580.1
1975	(s)	—	2.2	100.8	24.6	0.8	24.0	994.0	(s)	1,146.5	1,146.5	—	1,146.5
1980	—	—	5.1	511.0	104.4	0.2	45.1	2,002.0	3.4	2,671.1	2,671.1	—	2,671.1
1985	—	—	3.3	R 535.3	119.3	2.0	50.4	1,789.8	—	R 2,500.1	R 2,500.1	—	R 2,500.1
1986	—	—	3.6	R 477.2	87.8	R 2.0	43.6	1,451.6	—	R 2,065.7	R 2,065.7	—	R 2,065.7
1987	—	—	2.4	R 528.0	113.5	R 2.2	42.9	1,617.1	—	R 2,306.0	R 2,306.0	—	R 2,306.0
1988	—	—	2.3	R 651.6	110.8	R 2.0	44.6	1,673.8	—	R 2,485.2	R 2,485.2	—	R 2,485.2
1989	—	—	2.2	R 857.8	127.7	R 1.0	45.3	1,790.0	—	R 2,823.9	R 2,823.9	—	R 2,823.9
1990	—	—	2.4	R 787.1	188.2	R 1.3	47.0	2,029.0	—	R 3,054.9	R 3,054.9	—	R 3,054.9
1991	—	—	2.3	R 708.2	177.3	R 1.0	48.3	1,999.5	—	R 2,936.5	R 2,936.5	—	R 2,936.5
1992	—	(s)	2.4	R 773.0	179.7	1.0	53.7	1,983.6	—	R 2,993.4	R 2,993.5	—	R 2,993.5
1993	—	R 0.1	1.7	R 900.4	140.8	R 2.2	56.7	1,997.8	—	R 3,099.5	R 3,099.6	—	R 3,099.6
1994	—	R 0.1	1.8	R 813.0	146.8	R 3.4	59.7	2,062.5	—	R 3,087.2	R 3,087.3	—	R 3,087.3
1995	—	R 0.1	1.9	R 853.3	148.2	R 1.8	59.6	2,241.3	—	R 3,306.1	R 3,306.2	—	R 3,306.2
1996	—	R 0.2	2.2	R 967.8	154.5	R 1.8	59.8	2,178.3	—	R 3,364.4	R 3,364.6	—	R 3,364.6
1997	—	R 0.3	1.3	R 988.4	118.4	R 2.0	56.6	2,475.6	—	R 3,642.3	R 3,642.6	—	R 3,642.6
1998	—	R 0.3	2.6	R 842.9	100.8	0.6	62.8	2,175.1	—	R 3,184.8	R 3,185.1	—	R 3,185.1
1999	—	R 0.4	1.5	R 966.8	157.3	R 1.1	55.7	2,432.0	—	R 3,614.4	R 3,614.8	—	R 3,614.8
2000	—	R 0.4	1.7	R 1,395.7	245.3	R 3.0	59.0	2,978.4	—	R 4,683.1	R 4,683.5	—	R 4,683.5
2001	—	0.6	5.0	1,319.7	191.6	3.8	57.1	2,911.0	(s)	4,488.1	4,488.7	—	4,488.7

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Kentucky (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.21	0.29	0.87	1.12	—	0.88	—	—	—	—	0.22
1975	0.64	0.68	1.69	2.25	—	1.72	—	—	—	—	0.64
1980	1.31	2.16	—	6.54	—	6.54	—	—	—	—	1.32
1985	1.41	3.54	—	5.80	—	5.80	—	—	—	—	1.43
1986	1.34	2.97	—	3.50	—	3.50	—	—	—	—	1.34
1987	1.26	2.78	—	4.07	—	4.07	—	—	—	—	1.26
1988	1.20	2.46	—	3.85	—	3.85	—	—	—	—	1.20
1989	1.14	2.67	—	4.75	—	4.75	—	—	—	—	1.14
1990	1.19	2.98	—	5.75	—	5.75	—	—	—	—	1.20
1991	1.18	2.60	—	5.05	—	5.05	—	—	—	—	1.18
1992	1.16	2.72	—	4.79	—	4.79	—	—	—	—	1.17
1993	1.17	3.01	—	4.38	—	4.38	—	—	—	—	1.17
1994	1.16	2.87	—	4.33	—	4.33	—	—	—	—	1.17
1995	1.11	2.94	—	4.28	—	4.28	—	—	—	—	1.11
1996	1.06	3.41	—	5.15	—	5.15	—	—	—	—	1.07
1997	1.05	3.37	—	4.83	—	4.83	—	—	—	—	1.06
1998	1.06	3.32	—	3.83	0.66	1.55	—	—	—	—	1.08
1999	1.06	3.40	—	4.32	—	4.32	—	—	—	—	1.08
2000	1.02	4.96	—	6.81	—	6.81	—	—	—	—	1.05
2001	1.10	4.59	—	5.67	—	5.67	—	—	—	—	1.13
	Expenditures in Million Nominal Dollars										
1970	87.4	2.5	0.7	(s)	—	0.7	—	—	—	—	90.6
1975	308.4	0.2	1.1	0.1	—	1.2	—	—	—	—	309.8
1980	730.9	4.2	—	8.6	—	8.6	—	—	—	—	743.7
1985	870.2	4.1	—	9.1	—	9.1	—	—	—	—	883.4
1986	879.9	1.3	—	4.8	—	4.8	—	—	—	—	886.1
1987	826.3	1.0	—	5.3	—	5.3	—	—	—	—	832.6
1988	878.9	1.1	—	4.5	—	4.5	—	—	—	—	884.5
1989	763.8	0.9	—	6.4	—	6.4	—	—	—	—	771.0
1990	850.3	0.9	—	7.1	—	7.1	—	—	—	—	858.3
1991	852.6	0.6	—	6.7	—	6.7	—	—	—	—	859.9
1992	855.7	0.7	—	5.5	—	5.5	—	—	—	—	861.9
1993	961.2	0.8	—	5.5	—	5.5	—	—	—	—	967.5
1994	937.2	1.0	—	8.0	—	8.0	—	—	—	—	946.2
1995	920.1	2.6	—	7.0	—	7.0	—	—	—	—	929.8
1996	906.0	6.4	—	9.3	—	9.3	—	—	—	—	921.7
1997	927.4	7.5	—	7.5	—	7.5	—	—	—	—	942.5
1998	934.2	19.6	—	6.5	2.9	9.4	—	—	—	—	963.2
1999	968.2	19.7	—	6.6	—	6.6	—	—	—	—	994.5
2000	954.3	21.3	—	12.3	—	12.3	—	—	—	—	987.9
2001	1,041.9	20.9	—	7.4	—	7.4	—	—	—	—	1,070.2

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Louisiana

Year	Primary Energy														Electric Power Sector c,d	Electricity	Total Energy c,d
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total c,d			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG a	Motor Gasoline	Residual Fuel	Other b	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	—	—	0.27	0.86	0.72	1.12	2.86	0.45	1.20	1.52	—	1.49	0.66	0.21	4.69	0.95
1975	—	—	—	0.75	2.34	2.01	2.52	4.49	1.62	2.87	2.86	—	1.62	1.60	0.73	6.24	2.04
1980	—	1.25	1.25	1.61	6.02	6.34	5.30	9.89	3.31	7.08	6.13	—	2.21	3.72	2.19	11.49	4.54
1985	—	2.14	2.14	3.09	R 6.28	5.70	5.32	9.36	3.60	7.48	R 6.55	0.86	2.04	R 4.58	2.46	18.25	R 6.47
1986	—	1.78	1.78	2.15	R 5.22	3.67	5.90	7.04	1.39	4.59	R 4.96	1.04	R 1.71	R 3.34	1.67	17.40	R 5.10
1987	—	1.63	1.63	2.00	R 5.73	3.90	6.08	7.14	2.55	5.28	R 5.42	0.97	1.73	R 3.41	1.47	17.33	5.24
1988	—	1.56	1.56	2.14	R 5.50	3.61	5.99	7.25	2.55	4.55	R 5.17	0.92	1.74	R 3.35	1.44	17.30	R 5.23
1989	—	1.62	1.62	2.12	R 6.18	4.12	5.66	7.90	2.52	5.30	R 5.54	0.90	R e 1.22	R e 3.38	1.51	17.64	R e 5.15
1990	—	1.68	1.68	2.11	R 7.57	5.79	8.13	9.47	2.10	R 6.31	R 6.84	0.88	R 1.06	R 3.89	1.49	17.77	R 5.86
1991	—	1.65	1.65	R 1.88	R 7.03	4.67	8.14	9.51	2.84	5.80	R 6.53	0.84	R 1.20	R 3.67	1.41	17.59	R 5.58
1992	—	1.54	1.54	2.09	R 6.94	4.29	4.45	9.23	1.90	R 5.36	R 5.51	0.81	R 1.19	R 3.38	1.52	17.80	R 5.21
1993	—	1.59	1.59	2.50	R 6.87	4.02	4.49	9.14	1.88	R 4.55	R 5.39	0.69	R 1.17	R 3.49	1.65	18.56	R 5.42
1994	—	1.55	1.55	R 2.33	R 6.65	3.77	5.10	9.08	1.87	R 4.58	R 5.44	0.70	R 1.17	R 3.48	R 1.57	17.99	R 5.35
1995	—	1.56	1.56	2.00	R 6.75	3.75	4.99	9.32	1.95	R 5.07	R 5.66	0.64	R 1.23	3.34	R 1.44	17.11	R 5.20
1996	—	1.51	1.51	R 2.99	R 7.60	4.57	6.38	9.69	2.09	R 6.34	R 6.53	0.56	R 1.03	R 4.09	R 1.79	17.96	R 6.09
1997	—	1.48	1.48	2.80	R 7.35	4.22	5.74	9.66	R 2.92	R 5.17	R 6.36	R 0.99	R 0.99	R 3.86	R 1.90	17.70	R 5.81
1998	—	1.43	1.43	2.42	R 6.21	3.16	4.39	8.32	2.10	R 5.15	R 5.35	R 0.53	1.29	R 3.28	R 1.58	17.06	R 5.40
1999	—	1.40	1.40	2.68	R 6.70	3.73	5.03	8.98	R 1.84	R 5.66	5.66	R 0.56	R 1.43	R 3.65	R 1.73	17.17	R 5.74
2000	—	R 1.32	R 1.32	R 4.20	R 9.23	6.27	8.39	11.49	R 3.94	R 7.24	R 8.20	R 0.62	R 1.50	R 5.43	R 2.45	19.12	R 7.68
2001	—	1.31	1.31	5.09	8.64	5.46	6.92	10.67	4.43	6.63	7.73	0.48	1.60	5.45	2.21	20.54	8.19
	Expenditures in Million Nominal Dollars																
1970	—	—	—	376.4	59.1	23.4	199.3	523.4	31.1	114.4	950.8	—	12.4	1,339.6	-72.9	435.9	1,702.6
1975	—	—	—	1,036.2	268.9	67.9	481.4	1,018.8	280.0	524.5	2,641.5	—	14.0	3,691.6	-303.4	710.5	4,098.7
1980	—	3.1	3.1	2,396.3	752.1	306.8	1,012.5	2,449.2	1,265.9	2,294.3	8,080.8	—	32.6	10,512.9	-1,079.1	1,899.6	11,333.4
1985	—	340.1	340.1	3,152.5	R 975.9	410.5	R 1,344.8	2,424.8	546.9	1,093.3	R 6,796.3	22.5	R 29.9	R 10,341.1	-1,167.8	3,664.5	R 12,837.8
1986	—	306.2	306.2	2,249.7	R 863.2	369.3	R 1,297.3	1,847.2	228.6	936.0	R 5,541.6	117.0	31.1	R 8,245.6	-940.0	3,408.9	R 10,714.5
1987	—	280.7	280.7	2,095.4	R 889.0	415.1	R 1,182.7	1,808.4	377.3	1,037.0	R 5,709.5	124.5	32.5	R 8,242.6	-807.9	3,379.5	R 10,814.3
1988	—	330.8	330.8	2,203.4	R 920.1	435.5	R 1,148.2	1,859.6	416.0	947.9	R 5,727.4	133.9	33.9	R 8,429.4	-885.1	3,430.5	R 10,974.8
1989	—	R 336.8	R 336.8	R 2,472.3	R 1,049.3	518.2	R 1,051.3	1,945.6	R 403.0	1,085.3	R 6,052.7	118.2	R e 110.7	R e 9,090.6	R -913.7	3,604.0	R e 11,780.9
1990	—	R 351.8	R 351.8	R 2,496.3	R 1,324.5	845.1	R 1,396.0	2,186.7	R 298.6	R 1,422.0	R 7,472.9	132.4	R 76.5	R 10,529.9	R -961.9	3,739.5	R 13,307.5
1991	—	R 353.7	R 353.7	R 2,234.2	R 1,159.0	848.7	R 1,525.6	2,149.4	R 454.6	1,075.1	R 7,212.5	122.4	R 90.6	R 10,013.5	R -893.5	3,754.3	R 12,874.3
1992	—	R 344.9	R 344.9	R 2,449.4	R 1,033.3	653.1	R 872.6	2,188.6	R 350.3	R 1,068.7	R 6,166.6	87.4	R 93.1	R 9,141.4	R -920.6	3,823.0	R 12,043.9
1993	—	R 355.2	R 355.2	R 2,964.4	R 1,225.0	571.2	R 900.2	2,211.3	R 323.6	R 1,019.9	R 6,251.3	103.7	R 93.9	R 9,768.5	R -1,087.9	4,127.8	R 12,808.4
1994	—	R 357.6	R 357.6	R 2,817.3	R 1,349.0	688.3	R 1,251.8	2,167.4	R 284.5	R 1,000.5	R 6,741.5	94.0	R 106.7	R 10,117.2	R -1,055.0	4,101.5	R 13,163.7
1995	—	R 337.3	R 337.3	R 2,601.2	R 1,438.4	613.0	R 1,208.4	2,295.9	R 281.0	R 1,034.4	R 6,871.1	105.1	R 140.8	R 10,055.4	R -1,056.5	4,056.2	R 13,055.1
1996	—	R 310.4	R 310.4	R 3,695.1	R 1,886.5	752.2	R 1,533.8	2,572.5	R 346.9	R 471.2	R 7,563.0	93.3	R 119.9	R 11,781.8	R -1,172.2	4,466.7	R 15,076.3
1997	—	R 334.1	R 334.1	R 3,752.2	R 1,879.7	729.2	R 980.7	2,363.2	R 387.7	R 546.0	R 6,886.6	R 140.0	R 113.9	R 11,226.7	R -1,296.4	4,442.5	R 14,372.8
1998	—	321.8	321.8	R 2,947.1	R 1,475.7	513.7	R 740.5	2,171.8	R 290.0	R 428.2	R 5,619.8	R 90.5	R 147.5	R 9,126.7	R -1,197.5	4,402.1	R 12,331.3
1999	—	R 318.2	R 318.2	R 3,135.2	R 1,410.9	718.6	R 1,363.9	2,326.1	R 255.5	R 440.4	R 6,515.5	R 76.5	R 169.0	R 10,214.4	R -1,245.0	4,460.0	R 13,429.4
2000	—	R 334.4	R 334.4	R 5,073.8	R 2,081.9	1,257.8	3,354.5	3,261.2	R 724.9	R 552.2	R 11,232.4	R 102.0	R 174.4	R 16,917.0	R -1,855.8	5,117.3	R 20,178.5
2001	—	314.2	314.2	4,959.8	2,135.4	1,066.7	1,892.5	2,974.0	378.4	543.8	8,990.7	87.4	174.9	14,527.0	-1,570.5	5,069.5	18,026.0

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Louisiana

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	—	0.75	0.96	1.60	2.20	2.19	0.71	0.90	6.58	2.27
1975	—	1.33	2.24	3.40	4.39	4.36	1.39	1.55	7.96	3.29
1980	2.97	3.28	6.65	—	8.54	8.52	3.57	3.56	13.81	7.71
1985	—	5.47	3.24	6.80	7.68	R 7.61	R 4.04	5.53	20.27	12.89
1986	2.89	5.56	5.05	4.91	8.99	R 8.86	R 3.24	5.67	20.75	13.35
1987	—	5.35	5.00	4.88	9.13	9.06	3.08	5.45	21.05	13.13
1988	2.62	5.51	6.69	3.94	9.28	9.17	R 3.12	5.60	20.89	13.24
1989	—	R 5.73	5.62	5.09	10.44	R 10.12	3.44	5.85	21.50	13.86
1990	—	5.85	6.46	6.37	11.43	R 11.24	3.53	5.98	21.71	14.50
1991	2.81	R 5.50	5.94	6.35	12.88	R 12.70	R 3.38	R 5.73	21.68	14.28
1992	—	5.36	8.61	5.79	11.68	11.60	R 3.09	5.61	22.03	14.24
1993	2.73	5.88	7.73	5.72	11.88	11.78	3.02	R 5.97	22.74	15.08
1994	—	6.01	5.18	4.27	11.04	R 10.82	2.93	6.05	22.31	15.15
1995	2.61	5.82	7.77	3.95	11.28	11.11	2.87	5.85	21.20	14.72
1996	—	6.47	5.81	4.47	12.59	R 12.31	3.29	6.57	22.13	15.26
1997	2.72	6.31	5.53	6.15	12.91	11.95	3.27	6.56	21.67	15.06
1998	—	6.20	4.43	3.00	11.89	11.19	2.84	6.55	20.73	15.24
1999	—	6.55	4.86	3.00	12.09	R 11.62	2.92	7.11	20.87	15.61
2000	2.87	7.84	8.35	7.78	16.07	15.91	4.38	8.82	22.49	17.04
2001	—	10.23	7.07	7.19	17.54	17.32	4.17	11.02	23.21	18.31
	Expenditures in Million Nominal Dollars									
1970	—	66.7	(s)	0.2	22.5	22.8	1.2	90.6	209.6	300.3
1975	—	131.6	0.1	0.4	34.0	34.6	2.8	169.0	323.8	492.8
1980	0.1	248.7	0.2	—	36.0	36.2	15.2	300.1	792.9	1,093.0
1985	—	344.3	R 0.1	0.7	27.3	R 28.1	R 9.6	382.0	1,395.0	1,777.0
1986	(s)	335.6	R 0.2	0.4	34.7	R 35.3	R 7.5	R 378.4	1,434.7	R 1,813.1
1987	—	341.3	R (s)	0.3	33.8	34.1	8.9	384.3	1,435.7	1,820.0
1988	(s)	342.7	0.1	0.3	32.6	R 32.9	9.3	385.0	1,435.0	1,820.0
1989	—	344.5	R 0.2	0.9	34.8	35.9	10.7	R 391.0	1,505.0	R 1,896.0
1990	—	325.2	R 0.2	0.5	32.1	R 32.8	11.6	R 369.6	1,587.5	R 1,957.0
1991	(s)	315.0	R (s)	0.5	38.4	38.9	11.7	R 365.7	1,596.0	1,961.6
1992	—	309.2	(s)	0.3	44.8	45.1	11.3	365.6	1,592.4	1,957.9
1993	(s)	344.7	(s)	0.2	30.5	30.7	9.6	385.1	1,740.7	2,125.8
1994	—	330.6	R 0.3	0.1	27.4	27.9	9.2	367.7	1,722.7	2,090.4
1995	(s)	316.1	0.1	0.2	25.6	25.9	10.0	352.0	1,744.5	2,096.5
1996	—	382.8	(s)	0.4	36.0	36.4	11.4	430.6	1,835.6	2,266.3
1997	(s)	377.4	(s)	3.2	40.7	43.9	5.0	426.3	1,811.3	2,237.6
1998	—	317.8	(s)	1.2	54.6	55.8	3.9	377.5	1,888.8	2,266.3
1999	—	308.1	0.1	1.1	82.6	83.7	4.3	396.1	1,881.8	2,277.9
2000	—	414.9	0.1	R 1.1	130.2	131.4	6.8	R 553.0	2,127.1	R 2,680.1
2001	—	513.1	0.1	1.1	133.1	134.2	5.5	652.8	2,043.5	2,696.3

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Louisiana

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	—	0.37	0.89	0.59	1.06	2.86	0.49	1.04	0.71	0.48	5.07	1.62
1975	—	0.77	2.14	2.01	2.44	4.49	1.76	2.19	1.39	1.25	6.99	2.89
1980	1.24	2.60	6.36	5.53	5.22	9.89	3.55	3.77	3.57	3.40	12.08	5.54
1985	—	5.09	6.13	6.80	5.29	9.36	4.12	R 5.96	4.04	R 5.44	20.24	R 13.09
1986	1.45	5.05	3.59	4.91	5.84	7.04	2.14	R 3.78	3.24	R 4.52	19.24	R 12.33
1987	—	4.78	4.04	4.88	6.02	7.14	2.67	R 4.34	3.08	R 4.66	19.25	R 13.15
1988	1.65	4.94	3.63	3.94	5.93	7.25	1.91	R 4.07	3.12	R 4.73	19.56	R 13.60
1989	—	4.98	4.15	5.09	5.57	7.90	2.29	R 4.50	3.44	R 4.88	19.99	R 14.17
1990	—	R 5.05	5.47	6.37	8.07	9.47	2.62	R 6.54	3.53	5.35	20.57	R 14.95
1991	1.73	R 4.67	4.77	6.35	8.06	9.51	2.03	R 5.71	3.38	4.87	20.30	R 14.54
1992	—	4.59	4.43	5.79	4.30	9.23	2.02	R 5.72	3.09	R 4.73	20.72	R 14.61
1993	1.68	R 5.14	4.30	5.72	4.40	9.14	1.92	R 4.56	3.02	R 5.03	21.51	R 15.70
1994	—	5.22	3.98	4.27	8.59	9.08	—	R 4.59	2.93	R 5.09	20.92	R 15.59
1995	1.73	4.98	4.07	3.95	8.99	9.32	—	R 5.51	2.87	R 4.99	19.93	R 15.35
1996	—	5.83	4.88	4.47	9.96	9.69	2.76	R 7.19	3.29	5.88	21.13	R 16.35
1997	1.26	5.48	4.66	6.15	10.18	9.66	—	R 6.26	3.27	R 5.53	20.27	R 15.40
1998	—	5.24	3.56	3.00	9.11	8.32	—	R 5.51	2.84	R 5.25	19.24	R 15.08
1999	—	5.49	4.21	3.00	9.42	8.98	—	R 5.76	2.92	5.52	19.16	R 15.00
2000	1.36	R 6.96	6.74	7.78	12.49	11.49	—	R 10.94	4.38	R 8.34	20.96	R 16.28
2001	—	8.39	5.93	7.19	13.31	10.67	—	10.12	4.17	8.74	22.53	17.67
	Expenditures in Million Nominal Dollars											
1970	—	26.6	4.3	1.5	1.9	5.7	1.6	15.0	(s)	41.7	145.7	187.4
1975	—	40.5	18.2	5.3	3.3	11.0	20.2	58.0	0.1	98.5	220.0	318.5
1980	0.1	107.7	14.8	17.2	3.9	8.7	300.8	345.4	0.4	453.6	527.7	981.3
1985	—	159.7	R 94.5	2.5	3.3	11.6	14.9	R 126.8	0.3	R 286.7	1,142.6	R 1,429.3
1986	(s)	146.9	R 62.5	0.6	4.0	8.8	3.1	R 79.0	0.2	R 226.1	1,086.9	R 1,312.9
1987	—	138.4	R 27.7	0.6	3.9	9.3	4.5	R 46.1	0.3	R 184.7	1,062.7	R 1,247.5
1988	(s)	141.2	R 17.4	2.5	3.7	9.0	2.6	R 35.1	0.3	R 176.7	1,088.8	R 1,265.5
1989	—	140.9	R 14.5	1.0	3.3	9.2	3.6	R 31.6	0.4	R 172.9	1,129.8	R 1,302.7
1990	—	R 131.2	R 23.6	0.8	4.0	15.8	0.7	R 44.8	0.7	R 176.7	1,159.9	R 1,336.7
1991	(s)	124.7	R 18.8	0.8	4.2	12.9	1.5	R 38.3	0.7	R 163.7	1,145.4	R 1,309.1
1992	—	136.3	R 11.8	0.3	2.9	11.9	0.1	R 27.0	0.7	R 164.0	1,162.3	R 1,326.3
1993	(s)	134.1	R 18.1	0.8	2.0	2.0	(s)	R 22.9	0.8	R 157.8	1,239.2	R 1,397.0
1994	—	131.1	R 17.6	0.3	3.8	1.9	—	R 23.6	0.8	R 155.5	1,258.5	R 1,414.0
1995	0.2	122.7	R 6.1	0.1	3.6	2.0	—	R 11.8	0.8	R 135.5	1,225.2	R 1,360.7
1996	—	156.8	R 3.8	0.2	5.0	2.1	(s)	R 11.1	0.9	R 168.9	1,327.4	R 1,496.3
1997	(s)	159.3	R 8.4	0.1	5.7	2.0	—	R 16.2	0.5	R 176.1	1,306.3	R 1,482.4
1998	—	135.6	R 6.3	0.1	7.4	1.8	—	R 15.5	0.5	R 151.6	1,313.1	R 1,464.7
1999	—	140.7	R 13.5	0.2	11.4	1.9	—	R 26.9	0.5	R 168.2	1,330.6	R 1,498.7
2000	—	R 190.3	R 13.2	0.4	17.9	129.6	—	R 161.1	0.8	R 352.2	1,502.8	R 1,855.0
2001	—	247.7	9.6	0.7	17.8	52.9	—	80.9	0.6	329.2	1,561.5	1,890.7

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Louisiana

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	—	—	0.23	0.66	0.51	0.59	1.06	5.08	2.86	0.49	0.78	1.01	1.69	0.43	2.49	0.48
1975	—	—	—	0.74	1.78	1.81	2.01	2.44	7.48	4.49	1.72	2.73	2.52	1.69	1.32	3.99	1.40
1980	—	1.24	1.24	1.24	3.62	4.89	5.53	5.22	14.36	9.89	3.68	7.10	5.98	1.64	3.09	9.02	3.32
1985	—	1.46	1.46	2.92	4.17	6.09	6.48	5.29	17.61	9.36	4.12	6.88	5.85	1.64	R 4.12	14.93	R 4.80
1986	—	1.45	1.45	1.84	4.57	3.67	3.97	5.84	15.59	7.04	2.14	3.92	R 4.93	1.48	R 3.08	12.63	3.62
1987	—	1.34	1.34	1.73	3.15	4.29	4.11	6.02	13.58	7.14	2.67	4.86	R 5.35	1.48	R 3.10	12.30	R 3.64
1988	—	1.65	1.65	1.91	3.14	3.81	3.64	5.93	14.62	7.25	1.91	4.01	R 4.87	1.48	R 3.07	12.25	3.62
1989	—	1.55	1.55	1.89	2.89	4.51	4.47	5.57	14.48	7.90	2.29	4.88	R 5.20	R d 1.15	R d 2.92	12.46	R d 3.44
1990	—	1.56	1.56	1.92	2.91	5.78	6.30	8.07	14.60	9.47	2.62	5.99	R 6.80	R 0.94	R 3.50	12.27	R 4.00
1991	—	1.73	1.73	1.66	3.08	5.03	4.74	8.06	16.80	9.51	2.03	5.21	R 6.55	R 1.10	R 3.20	12.15	R 3.73
1992	—	1.69	1.69	1.85	2.17	4.79	4.60	4.30	18.32	9.23	2.02	4.99	4.81	R 1.10	R 2.76	12.37	R 3.35
1993	—	1.68	1.68	2.22	2.30	4.67	4.12	4.40	18.96	9.14	1.92	4.45	4.67	R 1.09	R 2.94	13.00	R 3.55
1994	—	1.74	1.74	2.09	2.40	4.41	3.83	5.03	19.11	9.08	2.07	4.23	R 4.86	R 1.11	R 3.00	12.36	R 3.55
1995	—	1.73	1.73	1.76	2.58	4.39	4.03	4.92	19.41	9.32	2.35	4.67	R 4.96	R 1.18	R 2.78	11.64	3.30
1996	—	1.24	1.24	2.72	2.64	5.29	4.81	6.29	20.08	9.69	2.76	R 5.73	R 6.21	R 0.96	R 3.52	12.66	R 4.15
1997	—	1.26	1.26	2.53	2.72	5.02	4.36	5.59	17.98	9.66	2.67	R 5.27	R 5.43	R 0.96	R 3.08	12.87	R 3.75
1998	—	1.24	1.24	R 2.14	2.69	3.89	3.11	4.16	19.07	8.32	1.88	3.57	R 4.38	R 1.27	R 2.61	12.17	R 3.33
1999	—	1.27	1.27	2.44	3.26	4.48	3.77	4.82	16.75	8.98	2.42	4.90	R 4.97	1.41	R 3.12	12.45	R 3.81
2000	—	1.36	R 1.36	R 3.79	3.46	7.01	6.52	8.21	17.99	11.49	3.67	R 7.55	R 8.02	R 1.46	R 5.13	14.67	R 5.75
2001	—	1.36	1.36	4.91	3.68	6.48	5.59	6.58	19.00	10.67	3.07	6.25	6.68	1.58	5.22	16.37	6.02
	Expenditures in Million Nominal Dollars																
1970	—	—	—	210.8	9.7	12.4	6.8	173.5	32.4	4.5	2.5	42.4	284.2	11.2	506.2	80.5	586.6
1975	—	—	—	624.6	33.2	49.0	22.0	441.2	59.0	4.1	33.6	375.6	1,017.5	11.2	1,653.3	166.6	1,819.9
1980	—	2.9	2.9	1,150.2	46.8	210.9	161.9	969.6	111.3	3.2	208.8	1,882.6	3,595.2	17.1	4,765.5	578.8	5,344.3
1985	—	15.9	15.9	1,833.1	50.8	R 239.2	3.8	1,311.9	124.2	23.9	161.8	832.6	R 2,748.1	20.0	R 4,617.2	1,126.7	R 5,743.9
1986	—	9.2	9.2	1,248.4	54.3	R 189.0	4.3	1,256.5	107.5	14.5	18.6	701.2	R 2,345.9	23.4	R 3,626.9	887.1	R 4,514.0
1987	—	11.7	11.7	1,203.7	47.5	R 209.3	1.0	1,142.7	105.9	14.0	27.3	817.0	R 2,364.8	23.3	R 3,603.4	880.9	R 4,484.3
1988	—	17.4	17.4	1,292.8	49.9	R 198.1	2.8	1,109.9	109.9	13.1	25.9	716.0	R 2,225.7	24.3	R 3,560.2	906.5	R 4,466.7
1989	—	22.0	22.0	1,519.5	44.4	R 220.9	2.6	1,011.6	111.7	12.1	R 13.7	856.9	R 2,273.9	R d 98.9	R d 3,914.4	969.0	R d 4,883.4
1990	—	24.8	24.8	1,544.3	32.3	R 307.5	1.7	1,357.4	115.9	16.8	R 13.3	1,199.8	R 3,044.7	R 63.6	R 4,677.4	991.9	R 5,669.4
1991	—	17.8	17.8	1,362.2	30.6	R 283.0	1.4	1,480.5	119.3	17.8	R 7.6	851.2	R 2,791.4	R 77.5	R 4,248.9	1,012.7	R 5,261.7
1992	—	18.7	18.7	1,507.9	24.3	R 239.2	0.7	823.8	132.6	16.7	R 5.5	R 823.6	R 2,066.3	R 80.5	R 3,673.5	1,068.2	R 4,741.7
1993	—	18.1	18.1	R 1,877.4	28.4	R 278.1	0.7	866.5	139.8	31.5	R 2.5	R 733.6	R 2,081.0	R 82.9	R 4,059.4	1,147.7	R 5,207.1
1994	—	19.9	19.9	R 1,750.7	26.8	R 304.4	0.7	1,216.8	147.3	37.8	2.3	725.7	R 2,461.6	R 96.1	R 4,328.4	1,120.0	R 5,448.4
1995	—	13.3	13.3	R 1,551.2	28.3	R 289.5	0.5	1,177.1	147.0	37.5	R 4.2	R 757.8	R 2,441.9	R 129.1	R 4,135.5	1,086.3	R 5,221.8
1996	—	2.6	2.6	R 2,410.2	30.1	R 384.9	0.8	1,491.1	147.6	39.1	R 9.5	R 188.7	R 2,291.9	R 106.9	R 4,811.6	1,303.4	R 6,115.0
1997	—	2.1	2.1	R 2,436.8	95.4	R 366.6	0.7	932.7	139.6	41.5	R 10.6	R 198.8	R 1,785.9	R 107.8	R 4,332.6	1,324.6	R 5,657.2
1998	—	1.3	1.3	R 1,735.2	30.2	R 277.0	1.0	677.9	155.0	28.4	R 8.6	137.3	R 1,315.4	R 142.4	R 3,194.3	1,200.0	R 4,394.3
1999	—	1.2	1.2	R 1,852.8	32.8	R 278.8	0.3	1,269.0	137.5	26.7	R 18.1	177.9	R 1,941.2	R 163.3	R 3,958.4	1,247.5	R 5,206.0
2000	—	1.9	R 1.9	R 3,082.6	31.9	R 468.5	R 2.4	3,206.0	145.5	36.3	R 31.5	R 277.1	R 4,199.4	R 166.1	R 7,450.1	1,487.2	R 8,937.3
2001	—	2.7	2.7	3,152.9	38.0	458.8	34.8	1,740.7	140.8	64.6	19.1	202.0	2,698.8	168.3	6,022.8	1,464.2	7,487.0

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Louisiana

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	—	—	2.17	1.09	0.72	1.06	5.08	2.86	0.44	1.97	1.97	5.07	1.97
1975	—	—	3.45	2.54	2.01	2.44	7.48	4.49	1.54	3.28	3.28	6.99	3.28
1980	—	—	9.02	6.84	6.34	5.22	14.36	9.89	3.05	6.87	6.87	12.08	6.87
1985	—	—	9.99	6.38	5.70	R 5.90	17.61	9.36	3.40	R 7.19	R 7.19	20.24	R 7.19
1986	—	—	8.41	6.35	3.67	R 6.52	15.59	7.04	1.34	R 5.03	R 5.03	19.24	R 5.03
1987	—	—	7.55	6.56	3.90	R 6.71	13.58	7.14	2.54	R 5.47	R 5.47	17.55	R 5.47
1988	—	—	7.41	6.40	3.61	R 6.62	14.62	7.25	2.61	R 5.39	R 5.39	18.24	R 5.39
1989	—	—	8.28	6.97	4.12	R 6.22	14.48	7.90	2.53	R 5.77	R 5.77	17.80	R 5.77
1990	—	3.11	9.32	8.48	5.79	R 9.32	14.60	9.47	2.07	R 6.87	R 6.87	20.15	R 6.87
1991	—	3.40	8.71	8.21	4.67	R 9.30	16.80	9.51	2.87	R 6.49	R 6.49	18.65	R 6.49
1992	—	4.12	8.54	8.14	4.29	R 4.96	18.32	9.23	1.90	R 6.01	R 6.01	18.88	R 6.01
1993	—	3.35	8.24	8.13	4.02	R 4.99	18.96	9.14	1.87	R 6.11	R 6.11	20.85	R 6.11
1994	—	2.27	7.96	7.96	3.77	R 9.33	19.11	9.08	1.87	R 6.02	R 6.02	19.96	R 6.02
1995	—	2.89	8.36	7.87	3.75	R 9.66	19.41	9.32	1.94	R 6.27	R 6.27	20.42	R 6.27
1996	—	3.38	9.29	8.60	4.57	R 10.28	20.08	9.69	2.08	R 6.80	R 6.80	22.80	R 6.80
1997	—	4.91	9.39	8.33	4.22	R 10.40	17.98	9.66	R 2.93	R 6.93	R 6.93	19.00	R 6.93
1998	—	4.41	8.11	7.25	3.16	R 9.23	19.07	8.32	2.11	R 5.87	R 5.87	19.40	R 5.87
1999	—	4.29	8.81	7.72	3.73	R 10.72	16.75	8.98	R 1.81	R 6.12	R 6.12	18.16	R 6.12
2000	—	5.40	R 10.87	10.27	6.27	R 13.74	17.99	11.49	R 3.96	R 8.37	R 8.37	20.46	R 8.37
2001	—	7.92	11.01	9.61	5.46	15.25	19.00	10.67	4.47	8.45	8.45	24.72	8.45
	Expenditures in Million Nominal Dollars												
1970	—	—	4.9	42.1	23.4	1.4	16.6	513.2	26.8	628.3	628.3	0.1	628.3
1975	—	—	5.1	200.6	67.9	2.8	23.9	1,003.8	163.2	1,467.4	1,467.4	0.1	1,467.5
1980	—	—	11.6	496.3	306.8	3.0	62.8	2,437.3	596.8	3,914.6	3,914.6	0.1	3,914.7
1985	—	—	8.6	R 637.6	410.5	R 2.3	70.0	2,389.3	368.9	R 3,887.4	R 3,887.4	0.2	R 3,887.6
1986	—	—	7.0	R 610.1	369.3	R 2.2	60.6	1,823.8	201.1	R 3,074.2	R 3,074.2	0.2	R 3,074.4
1987	—	—	5.0	R 650.4	415.1	R 2.2	59.7	1,785.1	344.7	R 3,262.3	R 3,262.3	0.2	R 3,262.5
1988	—	—	4.6	R 700.8	435.5	R 2.0	62.0	1,837.5	380.1	R 3,422.4	R 3,422.4	0.2	R 3,422.6
1989	—	—	4.8	R 805.1	518.2	R 1.6	63.0	1,924.2	R 381.7	R 3,698.6	R 3,698.6	0.1	R 3,698.8
1990	—	0.1	5.1	R 988.5	845.1	R 2.5	65.3	2,154.1	R 283.5	R 4,344.1	R 4,344.3	0.2	R 4,344.5
1991	—	(s)	4.1	R 855.2	848.7	R 2.5	67.2	2,118.7	R 445.1	R 4,341.6	R 4,341.7	0.2	R 4,341.8
1992	—	R 0.1	3.8	R 780.4	653.1	R 1.2	74.8	2,160.0	R 344.5	R 4,017.7	R 4,017.7	0.2	R 4,017.9
1993	—	R 0.1	9.1	R 927.2	571.2	R 1.2	78.8	2,177.9	R 312.8	R 4,078.2	R 4,078.3	0.2	R 4,078.5
1994	—	0.1	5.3	R 1,024.4	688.3	R 3.9	83.0	2,127.6	R 278.1	R 4,210.7	R 4,210.7	0.2	R 4,210.9
1995	—	0.1	3.7	R 1,141.0	613.0	R 2.1	82.9	2,256.4	R 276.6	R 4,375.8	R 4,375.9	0.2	R 4,376.1
1996	—	0.1	3.8	R 1,492.8	752.2	R 1.7	83.2	2,531.3	R 333.4	R 5,198.4	R 5,198.5	0.2	R 5,198.8
1997	—	R 0.3	4.6	R 1,502.6	729.2	R 1.7	78.7	2,319.6	R 358.6	R 4,995.0	R 4,995.4	0.2	R 4,995.6
1998	—	R 0.3	3.2	R 1,190.7	513.7	R 0.7	87.4	2,141.6	R 268.2	R 4,205.5	R 4,205.8	0.2	R 4,206.0
1999	—	R 0.3	3.9	R 1,116.5	718.6	R 1.0	77.5	2,297.6	R 231.2	R 4,446.3	R 4,446.7	0.2	R 4,446.8
2000	—	R 0.5	R 4.6	R 1,589.8	1,257.8	0.4	82.1	3,095.2	R 675.6	R 6,705.4	R 6,705.9	0.2	R 6,706.1
2001	—	0.8	15.9	1,644.1	1,066.7	0.9	79.4	2,856.5	287.6	5,951.0	5,951.8	0.2	5,952.0

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Louisiana (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	—	0.21	0.55	0.60	—	0.57	—	—	—	—	0.21
1975	—	0.64	1.76	1.92	—	1.76	—	—	—	—	0.73
1980	—	2.01	3.58	4.37	—	3.68	—	—	—	—	2.19
1985	2.19	2.73	3.51	5.84	—	5.08	0.86	—	—	—	2.46
1986	1.79	1.86	1.45	3.20	—	1.63	1.04	—	—	—	1.67
1987	1.64	1.60	2.72	3.63	—	3.24	0.97	—	—	—	1.47
1988	1.56	1.63	2.98	4.42	—	3.35	0.92	—	—	—	1.44
1989	1.63	1.70	2.85	5.01	—	4.04	0.90	0.67	—	—	1.51
1990	1.70	1.66	2.47	5.01	0.82	2.99	0.88	0.46	—	—	1.49
1991	1.65	1.53	3.30	4.56	—	4.32	0.84	0.50	—	—	1.41
1992	1.54	1.83	2.16	4.31	0.75	0.89	0.81	0.51	—	—	1.52
1993	1.59	2.39	2.07	4.12	0.84	1.00	0.69	0.55	—	—	1.65
1994	1.54	2.07	1.93	4.06	0.50	0.70	0.70	0.56	—	—	1.57
1995	1.55	1.81	1.90	3.73	0.76	0.84	0.64	0.70	—	—	1.44
1996	1.51	2.82	2.04	4.25	0.92	1.20	0.56	0.59	—	—	1.79
1997	1.48	2.69	2.87	4.24	1.28	1.72	0.99	0.50	—	—	1.90
1998	1.43	2.27	2.16	3.36	0.65	1.05	0.53	0.61	—	—	1.58
1999	1.40	2.49	1.67	6.47	0.52	0.80	0.56	0.67	—	—	1.73
2000	1.32	4.40	3.99	5.21	0.42	1.52	0.62	0.67	—	—	2.45
2001	1.31	4.13	4.83	6.02	1.57	3.26	0.48	0.47	—	—	2.21
	Expenditures in Million Nominal Dollars										
1970	—	72.3	0.3	0.2	—	0.5	—	—	—	—	72.9
1975	—	239.5	62.9	1.0	—	63.9	—	—	—	—	303.4
1980	—	889.7	159.5	29.9	—	189.4	—	—	—	—	1,079.1
1985	324.2	815.3	1.3	4.5	—	5.8	22.5	—	—	—	1,167.8
1986	297.1	518.7	5.7	1.4	—	7.2	117.0	—	—	—	940.0
1987	269.1	412.0	0.8	1.5	—	2.3	124.5	—	—	—	807.9
1988	313.4	426.6	7.4	3.8	—	11.2	133.9	—	—	—	885.1
1989	314.7	467.3	4.0	8.7	—	12.7	118.2	0.7	—	—	913.7
1990	327.0	495.5	1.2	4.7	0.6	6.4	132.4	0.6	—	—	961.9
1991	335.9	432.3	0.3	1.9	—	2.3	122.4	0.6	—	—	893.5
1992	326.1	495.9	0.2	1.9	8.4	10.5	87.4	0.6	—	—	920.6
1993	337.0	608.1	8.2	1.7	28.6	38.5	103.7	0.6	—	—	1,087.9
1994	337.7	604.9	4.1	2.3	11.3	17.7	94.0	0.6	—	—	1,055.0
1995	323.8	610.9	0.2	1.7	13.9	15.7	105.1	0.9	—	—	1,056.5
1996	307.8	745.2	4.0	4.9	16.3	25.2	93.3	0.7	—	—	1,172.2
1997	332.0	778.3	18.5	2.1	24.9	45.5	140.0	0.6	—	—	1,296.4
1998	320.5	758.2	13.1	1.6	12.8	27.5	90.5	0.7	—	—	1,197.5
1999	317.0	833.3	6.2	1.9	9.2	17.4	76.5	0.9	—	—	1,245.0
2000	332.5	1,385.5	17.8	10.3	7.0	35.1	102.0	0.7	—	—	1,855.8
2001	311.5	1,045.3	71.7	22.9	31.2	125.8	87.4	0.4	—	—	1,570.5

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Maine

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	1.06	1.06	1.48	1.37	0.75	2.37	3.02	0.38	1.53	1.46	—	1.13	1.45	R 0.40	5.92	1.93
1975	—	2.60	2.60	2.03	2.78	2.09	4.20	4.56	1.79	3.05	3.04	0.32	1.29	2.51	R 0.85	9.70	3.70
1980	—	1.77	1.77	5.03	6.83	6.51	7.86	9.69	4.10	7.34	7.00	0.58	1.66	R 5.41	R 2.27	16.30	7.93
1985	—	R 2.49	R 2.49	7.41	R 7.94	6.10	R 11.16	9.35	4.37	6.87	7.38	0.62	1.65	R 5.63	R 1.78	20.16	R 8.86
1986	—	R 2.65	R 2.65	7.06	R 5.92	4.50	R 10.84	7.38	2.44	6.67	5.25	0.58	1.63	R 4.17	R 1.58	19.88	R 7.06
1987	—	2.43	2.43	6.45	R 6.09	4.41	R 10.89	7.72	2.93	5.53	R 5.82	0.60	1.58	R 4.85	R 2.25	19.10	R 7.58
1988	—	2.58	2.58	5.64	R 6.11	4.13	R 10.86	8.15	2.33	4.84	5.60	0.64	1.58	R 4.67	R 1.86	19.62	R 7.36
1989	—	R 2.64	R 2.64	R 5.58	R 6.84	4.79	R 10.55	8.69	2.80	5.12	6.10	0.54	R e 1.09	R e 4.14	R 1.44	20.53	R e 7.05
1990	—	R 2.35	R 2.35	R 5.89	R 7.78	5.92	R 13.26	9.74	2.86	6.24	R 6.99	0.46	R 0.87	R 4.84	R 1.39	22.42	R 8.08
1991	—	R 2.33	R 2.33	R 5.38	R 7.47	5.07	R 14.73	9.64	2.33	5.48	R 6.69	0.43	R 0.99	R 4.35	R 0.95	25.20	R 7.95
1992	—	R 2.43	R 2.43	R 5.36	R 6.87	5.20	R 11.63	9.63	2.42	5.22	6.53	0.39	R 0.97	R 4.22	R 0.95	26.51	R 7.79
1993	—	R 2.09	R 2.09	R 5.96	R 6.56	4.43	R 12.79	9.33	2.38	5.39	R 6.40	0.37	R 0.95	R 4.14	R 0.87	26.66	R 7.86
1994	—	R 2.04	R 2.04	R 6.16	R 6.64	4.16	R 13.19	9.45	2.41	R 6.49	R 6.36	0.39	R 1.01	R 4.15	R 0.95	28.24	R 7.81
1995	—	R 2.06	R 2.06	R 5.71	R 6.39	4.12	R 12.90	10.03	2.72	R 5.53	R 6.67	2.14	R 1.28	R 4.90	R 2.49	27.80	R 7.66
1996	—	R 2.06	R 2.06	R 6.36	R 7.61	4.99	R 14.04	10.36	3.21	R 5.98	R 7.41	0.38	R 1.14	R 4.81	R 1.32	27.71	R 8.11
1997	—	R 2.16	R 2.16	R 6.77	7.36	4.68	R 14.64	10.44	3.02	R 5.74	R 7.25	—	R 0.95	R 5.32	R 2.02	27.86	R 8.16
1998	—	R 1.97	R 1.97	R 6.37	R 6.05	3.51	13.42	8.87	2.27	R 4.91	6.09	—	R 1.16	R 4.72	R 2.08	28.58	R 7.86
1999	—	R 1.88	R 1.88	R 5.69	6.38	4.09	R 13.43	9.82	R 2.16	R 6.13	R 6.39	—	R 1.27	R 4.91	R 2.19	28.64	R 8.21
2000	—	R 1.87	R 1.87	R 4.31	R 9.74	6.98	16.19	12.71	R 3.85	R 9.06	R 9.37	—	R 1.33	R 6.43	R 2.74	28.40	R 9.65
2001	—	1.87	1.87	4.09	9.12	5.88	16.79	12.20	3.66	8.54	9.17	—	1.28	5.86	2.66	31.46	10.05
	Expenditures in Million Nominal Dollars																
1970	—	2.3	2.3	1.9	94.2	9.4	5.7	174.9	27.5	25.4	337.1	—	6.4	R 350.0	R -12.9	102.3	439.4
1975	—	3.4	3.4	4.0	186.5	22.7	15.1	303.1	111.7	36.2	675.1	16.1	8.4	R 720.2	R -61.3	216.1	875.1
1980	—	5.3	5.3	11.2	422.8	66.7	25.2	598.7	220.7	53.9	1,388.1	27.9	27.7	R 1,520.9	R -190.5	455.3	1,785.7
1985	—	R 12.7	R 12.7	19.3	R 479.4	54.4	27.1	616.1	217.2	149.1	R 1,543.3	35.1	30.8	R 1,658.0	R -143.8	675.7	R 2,189.9
1986	—	R 24.6	R 24.6	17.9	R 425.8	39.6	R 41.0	520.9	196.6	66.8	R 1,290.7	38.1	27.2	R 1,456.3	R -162.0	692.1	R 1,986.3
1987	—	R 16.7	R 16.7	17.6	R 466.7	43.7	R 51.9	571.7	170.3	61.7	R 1,365.9	25.1	25.3	R 1,530.2	R -185.1	698.4	R 2,043.5
1988	—	17.8	17.8	18.5	R 536.2	47.7	R 63.8	657.9	177.4	85.6	R 1,568.5	33.8	26.3	R 1,736.4	R -178.2	754.0	R 2,312.2
1989	—	17.8	17.8	R 21.9	R 528.4	59.5	R 61.0	647.7	R 208.6	69.3	R 1,574.5	39.5	R e 91.0	R e 1,790.2	R -189.7	801.0	R e 2,401.5
1990	—	R 24.5	R 24.5	R 26.9	R 604.5	82.9	R 66.9	722.7	R 191.2	59.5	R 1,727.8	23.9	R 64.4	R 1,911.8	R -148.5	881.9	R 2,645.3
1991	—	R 35.9	R 35.9	R 26.9	R 504.1	66.7	R 78.5	715.0	R 148.5	69.9	R 1,582.6	28.3	R 80.2	R 1,780.8	R -108.4	978.9	R 2,651.3
1992	—	R 66.8	R 66.8	R 28.6	R 486.6	54.8	R 52.0	714.2	R 145.8	63.6	R 1,517.0	21.8	R 83.3	R 1,742.0	R -103.2	1,038.7	R 2,677.6
1993	—	R 36.4	R 36.4	R 30.9	R 514.4	36.6	R 63.1	705.2	R 138.2	79.1	R 1,536.6	22.5	R 86.4	R 1,740.1	R -99.3	1,087.3	R 2,728.1
1994	—	R 35.9	R 35.9	R 32.4	R 566.0	23.3	R 66.3	717.4	R 171.8	R 71.7	R 1,616.5	27.1	R 88.0	R 1,843.9	R -112.6	1,118.2	R 2,849.5
1995	—	R 22.7	R 22.7	R 31.6	R 548.6	19.6	R 72.2	751.3	R 161.0	R 77.2	R 1,629.8	4.4	R 136.0	R 1,888.1	R -129.0	1,096.6	R 2,855.7
1996	—	R 20.2	R 20.2	R 37.4	R 662.5	25.2	92.9	808.6	R 193.5	R 113.3	R 1,896.0	20.3	R 122.1	R 2,152.1	R -134.0	1,108.7	R 3,126.8
1997	—	R 19.4	R 19.4	R 44.0	R 628.6	25.3	R 65.8	870.4	R 187.7	R 118.7	R 1,896.4	—	R 102.6	R 2,106.7	R -106.5	1,136.9	R 3,137.1
1998	—	R 14.4	R 14.4	R 37.1	R 536.8	18.5	68.1	708.4	R 127.5	R 112.8	R 1,572.0	—	R 106.9	R 1,809.1	R -138.6	1,131.2	R 2,801.7
1999	—	R 12.9	R 12.9	R 38.0	R 553.8	20.0	54.9	827.3	R 152.6	R 122.8	R 1,731.4	—	R 135.5	R 2,019.1	R -190.8	1,167.1	R 2,995.4
2000	—	R 18.6	R 18.6	R 203.1	R 868.7	35.9	77.1	1,081.5	R 229.7	R 183.2	R 2,476.0	—	R 148.8	R 2,897.0	R -266.3	1,178.5	R 3,809.2
2001	—	14.8	14.8	408.7	759.3	23.7	103.8	908.6	161.3	174.2	2,131.0	—	144.6	2,750.5	-395.9	1,270.3	3,625.0

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Maine

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.29	1.96	1.51	1.60	3.04	1.56	0.56	1.53	8.12	2.12
1975	2.62	2.59	2.87	3.16	4.78	2.98	1.11	2.90	11.67	4.06
1980	3.90	6.20	6.94	8.15	10.04	7.12	2.85	6.83	18.30	8.98
1985	4.39	8.76	7.55	8.92	11.45	R 7.86	3.22	7.58	23.71	R 11.13
1986	4.19	8.26	5.63	6.38	9.79	R 5.88	2.58	R 5.72	23.98	R 9.58
1987	3.85	7.73	5.66	5.86	10.37	R 6.00	2.46	R 5.87	23.79	R 9.78
1988	3.99	7.07	5.88	5.53	10.37	R 6.16	R 2.49	R 6.03	24.17	R 9.84
1989	3.96	7.14	6.77	5.18	10.37	R 6.88	2.75	6.71	24.93	R 10.79
1990	4.21	7.57	7.49	6.56	14.41	R 7.94	2.83	R 7.62	27.24	R 12.15
1991	4.07	6.82	7.34	5.89	15.88	R 7.92	R 2.71	R 7.58	30.64	R 12.75
1992	3.94	6.86	6.66	4.96	12.26	R 6.92	R 2.48	6.63	33.33	R 12.62
1993	3.96	7.37	6.31	4.97	13.72	R 6.77	2.42	R 6.50	33.51	R 12.41
1994	4.07	7.72	6.25	5.41	14.73	R 6.85	2.35	R 6.59	36.10	R 12.70
1995	4.01	7.20	6.01	4.70	14.34	R 6.49	2.30	R 6.26	36.65	R 11.55
1996	3.96	7.72	7.43	5.65	15.60	7.87	2.64	7.59	36.88	R 12.60
1997	3.93	8.35	7.20	5.76	15.44	R 7.54	2.62	R 7.37	37.36	R 12.73
1998	3.70	R 7.96	6.02	4.72	14.53	6.34	R 2.27	6.24	38.16	R 11.55
1999	3.56	R 7.33	6.18	6.74	14.03	R 6.76	2.34	6.61	38.31	R 12.24
2000	3.53	R 8.42	9.84	10.27	16.96	R 10.42	3.51	R 10.11	36.59	R 14.94
2001	4.05	10.48	9.21	9.63	17.96	10.04	3.35	9.83	34.16	15.20
	Expenditures in Million Nominal Dollars									
1970	0.7	1.0	69.1	14.9	4.4	88.4	1.0	91.2	47.7	138.9
1975	0.4	1.9	127.9	16.7	10.7	155.3	2.6	160.2	99.0	259.2
1980	0.5	3.5	257.7	18.7	14.6	291.0	8.1	303.1	187.2	490.3
1985	R 1.1	4.8	R 239.7	46.0	14.4	R 300.1	7.8	R 313.8	276.6	R 590.3
1986	R 1.5	4.6	R 207.9	22.6	18.2	R 248.6	6.1	R 260.8	292.7	R 553.6
1987	R 1.1	4.2	R 205.5	20.9	30.5	R 257.0	4.3	R 266.7	302.4	R 569.0
1988	0.8	4.1	R 234.2	24.6	34.3	R 293.1	4.5	R 302.5	322.0	R 624.5
1989	0.5	4.6	R 248.9	23.6	35.2	R 307.6	5.2	R 317.9	341.0	R 658.9
1990	R 0.9	4.9	R 261.1	20.9	45.1	R 327.1	7.4	R 340.3	365.5	R 705.8
1991	0.2	5.0	R 255.1	19.8	53.9	R 328.8	7.4	R 341.4	399.1	R 740.5
1992	0.6	6.1	R 238.1	13.3	34.1	R 285.5	7.1	R 299.4	435.5	R 734.9
1993	R 0.5	6.7	R 224.4	20.9	47.1	R 292.4	7.2	R 306.8	442.7	R 749.5
1994	0.1	7.0	R 228.6	23.3	52.7	R 304.6	6.9	R 318.6	454.7	R 773.2
1995	(s)	6.7	R 267.2	29.0	58.2	R 354.5	7.5	R 368.7	453.8	R 822.5
1996	(s)	7.6	R 326.7	43.9	74.1	R 444.7	8.6	R 460.9	462.9	R 923.8
1997	(s)	8.5	R 310.6	42.7	54.2	R 407.6	5.6	R 421.8	466.4	R 888.2
1998	(s)	7.4	R 264.6	50.3	56.4	R 371.4	4.4	R 383.2	467.3	R 850.5
1999	(s)	7.1	R 268.1	58.8	48.1	R 375.0	4.9	R 387.1	484.2	R 871.3
2000	(s)	10.1	R 398.9	R 97.9	64.0	R 560.7	7.6	R 578.5	466.6	R 1,045.0
2001	(s)	11.7	367.6	91.4	83.4	542.4	6.2	560.4	552.0	1,112.4

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Maine

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.98	1.42	1.11	0.68	1.35	3.02	0.35	1.02	0.56	1.03	7.86	2.40
1975	2.59	2.07	2.46	2.55	3.24	4.56	1.79	2.41	1.11	2.40	11.68	5.06
1980	1.68	5.00	6.32	6.50	6.06	9.69	4.33	5.84	2.85	5.67	19.20	9.09
1985	2.38	7.73	6.81	8.92	10.81	9.35	4.50	R 5.99	3.22	R 5.90	23.69	R 11.73
1986	2.58	7.26	4.72	6.38	11.81	7.38	2.47	R 3.90	2.58	R 4.01	23.53	R 9.30
1987	2.37	6.71	4.86	5.86	11.69	7.72	2.93	R 4.64	2.46	R 4.66	20.68	R 10.03
1988	2.54	6.09	4.71	5.53	11.43	8.15	2.33	R 3.87	2.49	R 3.95	21.15	R 8.25
1989	2.61	6.28	5.50	5.18	10.73	8.69	2.83	R 4.38	1.20	R 4.35	22.09	R 8.97
1990	2.61	6.69	6.44	6.56	11.34	9.74	2.91	R 4.83	1.32	R 4.75	24.03	R 9.46
1991	2.67	R 5.99	5.95	5.89	12.66	9.64	2.41	R 4.10	1.34	R 4.09	27.11	R 9.72
1992	2.62	6.11	5.45	4.96	10.56	9.63	2.47	R 4.48	1.30	R 4.43	27.81	R 11.11
1993	2.32	6.67	5.20	4.97	10.62	9.33	2.44	R 4.74	1.34	R 4.71	28.32	R 11.77
1994	2.23	6.87	5.21	5.41	10.42	9.45	2.46	R 4.77	1.24	R 4.77	30.46	R 12.15
1995	2.27	6.41	5.15	4.70	10.69	10.03	2.75	R 5.05	1.21	R 4.87	30.87	R 13.16
1996	2.29	6.98	6.23	5.65	11.84	10.36	3.26	R 5.97	1.25	R 5.72	31.06	R 13.90
1997	2.54	7.59	5.91	5.76	11.66	10.44	3.11	5.56	1.27	R 5.52	31.16	R 13.96
1998	2.29	7.11	4.49	4.72	10.40	8.87	2.41	R 4.54	1.24	R 4.59	31.00	R 13.18
1999	2.30	R 6.52	4.81	6.74	10.39	9.82	2.57	R 5.00	0.99	R 4.88	31.51	R 14.15
2000	R 2.11	R 5.25	7.66	10.27	13.27	12.71	4.26	R 7.69	1.37	R 7.03	30.12	R 14.68
2001	2.15	9.17	6.94	9.63	13.69	12.20	3.84	7.20	1.18	6.94	32.19	17.12
	Expenditures in Million Nominal Dollars											
1970	0.4	0.6	10.8	0.3	0.3	0.6	0.6	12.7	(s)	13.7	26.1	39.9
1975	1.0	1.1	23.1	0.6	1.3	1.0	3.7	29.7	(s)	31.8	62.5	94.3
1980	0.8	4.4	67.7	2.6	1.6	2.5	18.6	92.9	0.2	98.3	112.5	210.8
1985	R 2.2	9.1	R 42.9	5.0	2.4	5.1	29.4	R 84.8	0.2	R 96.4	189.0	R 285.3
1986	R 3.1	9.1	R 47.8	0.9	3.9	4.1	22.7	R 79.4	0.2	R 91.8	199.9	R 291.7
1987	R 2.3	8.7	R 48.0	1.4	6.1	3.8	13.0	R 72.2	0.1	R 83.3	186.4	R 269.7
1988	R 1.9	9.1	R 56.2	5.0	6.7	4.4	27.5	R 99.8	0.2	R 111.0	198.0	R 309.0
1989	R 1.3	10.5	R 57.7	2.8	6.4	5.3	R 33.8	R 105.9	1.2	R 118.9	213.0	R 331.9
1990	R 2.2	11.3	R 75.3	2.5	6.3	5.2	R 39.1	R 128.3	1.3	R 143.1	233.4	R 376.5
1991	0.7	11.2	R 58.0	4.2	7.6	2.7	R 37.1	R 109.5	1.6	R 123.1	264.2	R 387.3
1992	R 1.9	13.7	R 63.3	1.8	5.2	2.5	R 19.3	R 92.2	1.5	R 109.3	275.2	R 384.5
1993	1.2	15.6	R 73.0	4.9	6.4	0.6	R 11.2	R 96.1	1.5	R 114.5	293.8	R 408.2
1994	0.3	16.6	R 77.4	4.7	6.6	0.6	R 11.7	R 101.0	1.7	R 119.5	307.8	R 427.4
1995	0.1	15.8	R 68.6	4.3	7.7	0.6	R 6.4	R 87.5	2.2	R 105.7	313.1	R 418.8
1996	0.2	18.2	R 87.9	4.7	9.9	0.6	R 10.4	R 113.7	2.1	134.2	347.2	481.4
1997	0.2	20.9	R 80.9	5.1	7.2	0.6	R 11.5	R 105.3	1.8	R 128.3	355.4	R 483.7
1998	R 0.2	17.8	R 71.9	6.5	7.1	0.5	R 4.3	R 90.3	1.9	R 110.0	358.3	R 468.3
1999	R 0.2	16.9	R 78.2	5.1	6.3	0.6	R 1.8	R 92.0	1.6	R 110.7	381.9	R 492.6
2000	0.1	16.8	R 143.9	R 7.9	8.8	0.8	R 6.8	R 168.2	2.1	R 187.3	398.3	R 585.6
2001	0.1	28.5	101.8	8.3	11.2	0.8	4.5	126.6	2.3	157.5	493.8	651.3

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Maine

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.98	0.98	0.84	0.73	0.63	0.68	1.35	5.08	3.02	0.43	0.89	0.58	1.40	0.65	3.52	1.06
1975	—	2.59	2.59	1.42	1.99	2.30	2.55	3.24	7.48	4.56	1.82	—	1.97	1.40	1.93	6.46	2.55
1980	—	1.68	1.68	4.19	3.73	5.94	6.50	6.06	14.36	9.69	3.84	—	4.38	1.41	3.47	13.15	5.26
1985	—	2.38	2.38	6.14	5.21	6.65	7.16	10.81	17.61	9.35	4.50	—	R 5.25	1.41	R 4.08	15.15	6.10
1986	—	2.58	2.58	5.81	4.88	4.74	5.20	11.81	15.59	7.38	2.47	—	R 3.24	1.47	R 2.88	14.14	4.61
1987	—	2.37	2.37	5.26	3.55	4.74	4.58	11.69	13.58	7.72	2.93	—	R 3.75	1.47	R 3.12	14.12	5.27
1988	—	2.54	2.54	4.39	3.35	4.44	4.37	11.43	14.62	8.15	2.33	—	R 3.35	1.47	R 2.93	14.86	R 5.00
1989	—	2.61	2.61	4.56	3.23	5.35	5.27	10.73	14.48	8.69	2.83	—	R 3.76	R d 1.16	R d 2.31	15.74	R d 3.90
1990	—	2.61	R 2.61	R 5.04	3.34	6.17	6.68	11.34	14.60	9.74	2.91	—	R 3.81	R 0.94	R 2.34	17.46	R 4.49
1991	—	2.67	R 2.67	R 4.67	3.05	5.83	5.73	12.66	16.80	9.64	2.41	7.33	R 3.41	R 1.10	R 2.27	19.64	R 4.42
1992	—	2.62	R 2.62	4.09	2.81	5.42	5.04	10.56	18.32	9.63	2.47	8.91	R 3.25	R 1.10	R 2.25	20.23	R 4.24
1993	—	2.32	R 2.32	4.59	3.30	5.17	4.78	10.62	18.96	9.33	2.44	7.53	R 3.26	R 1.09	R 2.27	20.40	R 4.40
1994	—	2.23	R 2.23	4.72	3.64	5.12	4.88	8.49	19.11	9.45	2.46	8.46	R 3.15	R 1.12	2.27	21.05	R 4.24
1995	—	2.27	R 2.27	4.39	3.78	4.95	4.53	7.58	19.41	10.03	2.75	8.80	R 3.42	R 1.19	R 2.16	19.48	R 3.91
1996	—	2.29	R 2.29	5.14	3.90	5.93	5.52	8.59	20.08	10.36	3.26	6.02	4.08	R 1.01	R 2.42	18.34	R 3.92
1997	—	2.54	R 2.54	5.47	4.05	5.98	4.73	12.46	17.98	10.44	3.11	5.52	R 4.00	R 1.01	R 2.32	18.63	R 3.95
1998	—	2.29	R 2.29	5.04	3.75	4.08	3.99	9.04	19.07	8.87	2.41	3.70	R 3.14	R 1.31	R 2.17	19.38	R 4.12
1999	—	2.30	R 2.30	4.84	3.71	4.38	4.72	9.08	16.75	9.82	2.57	5.00	R 3.32	R 1.45	R 2.21	18.82	R 4.02
2000	—	R 2.11	R 2.11	R 3.55	4.86	7.99	8.16	13.20	17.99	12.71	4.26	R 7.68	R 5.38	R 1.48	R 2.96	20.19	R 4.57
2001	—	2.15	2.15	6.81	4.90	7.45	6.56	12.78	19.00	12.20	3.84	6.39	5.11	1.60	3.23	25.27	4.60
	Expenditures in Million Nominal Dollars																
1970	—	1.1	1.1	0.3	3.4	2.9	0.2	0.9	1.7	2.2	13.8	0.4	25.5	5.4	32.3	28.4	60.7
1975	—	2.0	2.0	1.0	9.2	9.2	0.9	3.0	2.7	1.9	66.8	—	93.5	5.8	102.3	54.6	156.9
1980	—	4.1	4.1	3.2	10.8	26.4	1.1	8.9	5.6	3.8	97.6	—	154.2	19.4	180.9	155.7	336.5
1985	—	9.3	9.3	5.4	75.6	R 19.7	1.4	9.7	6.3	6.1	96.3	—	R 215.1	22.8	R 252.6	210.2	R 462.7
1986	—	20.0	20.0	4.2	23.8	R 17.1	0.5	17.9	5.4	5.1	107.4	—	R 177.2	20.9	R 222.3	199.5	R 421.8
1987	—	13.3	13.3	4.7	20.1	R 28.9	1.0	14.6	5.3	5.6	76.8	—	R 152.3	20.8	R 191.0	209.6	R 400.7
1988	—	15.1	15.1	5.2	35.2	R 36.6	1.4	21.5	5.5	5.6	72.9	—	R 178.7	21.7	R 220.7	234.0	R 454.7
1989	—	15.9	15.9	6.3	21.5	R 37.3	1.5	18.0	5.6	6.4	R 83.9	—	R 174.1	R d 72.6	R d 269.0	247.0	R d 516.0
1990	—	14.5	R 14.5	10.2	14.3	R 30.2	1.0	14.7	5.9	4.8	R 87.6	—	R 158.6	R 45.7	R 229.0	283.0	R 512.0
1991	—	24.1	R 24.1	10.4	20.0	R 30.6	0.8	16.2	6.0	5.1	R 80.2	4.9	R 163.8	R 59.8	R 258.0	315.6	R 573.6
1992	—	53.9	R 53.9	8.5	19.8	R 27.6	0.4	12.1	6.7	5.1	R 92.5	6.1	R 170.4	R 61.1	R 293.8	328.1	R 621.9
1993	—	24.5	R 24.5	8.2	23.7	R 40.5	1.4	9.0	7.1	7.1	R 105.1	5.2	R 199.1	R 60.6	R 292.3	350.8	R 643.1
1994	—	25.5	R 25.5	8.5	11.6	R 47.0	2.0	6.2	7.4	8.1	R 140.0	6.1	R 228.4	R 65.8	R 328.2	355.7	R 683.9
1995	—	15.9	R 15.9	8.9	12.1	R 34.7	0.8	5.9	7.4	8.8	R 127.4	6.0	R 203.2	R 97.6	R 325.6	329.7	R 655.3
1996	—	13.2	R 13.2	11.4	9.8	R 46.1	0.5	8.6	7.5	9.5	R 158.5	29.2	R 269.8	R 83.3	R 377.7	298.6	R 676.3
1997	—	R 12.0	R 12.0	14.0	15.0	R 43.6	1.1	3.9	7.0	9.7	R 130.6	30.6	R 241.5	R 85.4	R 353.0	315.1	R 668.1
1998	—	7.8	R 7.8	11.8	7.4	R 32.1	1.4	4.4	7.8	5.4	R 82.2	20.9	R 161.6	R 86.8	R 267.9	305.6	R 573.5
1999	—	6.6	R 6.6	12.6	8.0	R 26.4	0.7	0.4	6.9	4.4	R 85.2	26.4	R 158.2	R 112.3	289.7	301.0	590.7
2000	—	R 12.0	R 12.0	R 53.2	10.8	R 45.1	R 1.0	4.3	7.3	5.8	R 142.4	41.2	R 257.9	R 121.4	R 444.6	313.6	R 758.1
2001	—	6.9	6.9	87.4	18.0	34.6	1.2	9.2	7.1	13.7	106.8	30.3	221.0	120.2	435.5	224.5	660.0

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Maine

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.98	—	2.17	1.39	0.75	1.35	5.08	3.02	0.31	2.28	2.28	—	2.28
1975	2.59	—	3.45	2.90	2.09	3.24	7.48	4.56	1.66	3.95	3.95	—	3.95
1980	—	—	9.02	7.41	6.51	6.06	14.36	9.69	3.68	8.99	8.99	—	8.99
1985	—	—	9.99	9.16	6.10	R 11.73	17.61	9.35	4.08	9.06	9.06	—	9.06
1986	—	—	8.41	7.24	4.50	R 12.82	15.59	7.38	2.22	7.14	7.14	—	7.14
1987	—	—	7.55	7.62	4.41	R 12.69	13.58	7.72	2.83	7.42	7.42	—	7.42
1988	—	—	7.41	7.55	4.13	R 12.68	14.62	8.15	2.03	7.55	7.55	—	7.55
1989	—	—	8.28	8.20	4.79	R 12.24	14.48	8.69	2.48	R 8.13	R 8.13	—	R 8.13
1990	—	—	9.32	9.10	5.92	R 12.53	14.60	9.74	2.52	9.11	9.11	—	9.11
1991	—	—	8.71	9.11	5.07	R 13.96	16.80	9.64	1.90	8.98	8.98	—	8.98
1992	—	R 3.60	8.54	8.65	5.20	R 11.75	18.32	9.63	2.16	9.00	9.00	—	9.00
1993	—	R 4.90	8.24	8.59	4.43	R 11.82	18.96	9.33	1.96	8.75	8.75	—	8.75
1994	—	R 2.29	7.96	8.67	4.16	R 9.33	19.11	9.45	2.02	R 8.97	R 8.97	—	R 8.97
1995	—	R 4.15	8.36	8.46	4.12	R 9.64	19.41	10.03	2.54	9.40	9.40	—	9.40
1996	—	R 4.44	9.29	9.53	4.99	R 10.08	20.08	10.36	2.81	R 9.92	R 9.92	R 31.06	R 9.92
1997	—	R 3.65	9.39	9.12	4.68	R 8.92	17.98	10.44	2.65	9.91	9.91	R 31.16	9.91
1998	—	R 2.37	8.11	8.07	3.51	R 7.86	19.07	8.87	1.93	R 8.42	R 8.42	R 31.00	R 8.42
1999	—	R 4.56	8.81	R 8.57	4.09	R 10.06	16.75	9.82	R 1.78	R 9.30	R 9.30	R 31.51	R 9.30
2000	—	R 2.36	R 10.87	R 11.62	6.98	R 13.90	17.99	12.71	R 3.20	R 11.93	R 11.93	R 30.12	R 11.93
2001	—	5.86	11.01	10.61	5.88	15.95	19.00	12.20	3.09	11.35	11.35	32.19	11.35
	Expenditures in Million Nominal Dollars												
1970	(s)	—	1.0	11.2	9.4	(s)	3.5	172.1	2.7	199.9	199.9	—	199.9
1975	(s)	—	1.2	25.8	22.7	(s)	4.9	300.2	9.8	364.6	364.6	—	364.6
1980	—	—	3.7	68.8	66.7	0.2	11.5	592.4	4.8	748.1	748.1	—	748.1
1985	—	—	2.1	R 176.1	54.4	0.6	12.8	604.9	0.5	R 851.5	R 851.5	—	R 851.5
1986	—	—	2.4	R 152.4	39.6	R 1.1	11.1	511.7	1.0	R 719.3	R 719.3	—	R 719.3
1987	—	—	2.0	R 183.4	43.7	0.7	10.9	562.3	0.9	R 804.0	R 804.0	—	R 804.0
1988	—	—	2.5	R 208.0	47.7	R 1.4	11.3	647.9	5.4	R 924.0	R 924.0	—	R 924.0
1989	—	—	2.9	R 180.2	59.5	R 1.4	11.5	636.1	3.1	R 894.6	R 894.6	—	R 894.6
1990	—	—	2.9	R 237.2	82.9	R 0.8	11.9	712.8	R 2.3	R 1,050.9	R 1,050.9	—	R 1,050.9
1991	—	—	1.9	R 159.7	66.7	R 0.9	12.3	707.2	1.4	R 949.9	R 949.9	—	R 949.9
1992	—	R (s)	1.8	R 156.8	54.8	R 0.7	13.7	706.5	2.1	R 936.3	R 936.3	—	R 936.3
1993	—	R (s)	1.5	R 173.1	36.6	R 0.6	14.4	697.5	3.5	R 927.1	R 927.2	—	R 927.2
1994	—	R (s)	1.4	R 212.7	23.3	R 0.8	15.2	708.7	3.0	R 965.0	R 965.0	—	R 965.0
1995	—	R 0.1	1.5	R 177.4	19.6	R 0.4	15.2	741.9	3.3	R 959.1	R 959.2	—	R 959.2
1996	—	R 0.1	1.3	R 201.2	25.2	R 0.3	15.2	798.4	3.6	R 1,045.2	R 1,045.3	(s)	R 1,045.3
1997	—	R 0.5	1.7	R 193.0	25.3	0.4	14.4	860.0	1.8	R 1,096.6	R 1,097.0	(s)	R 1,097.0
1998	—	R (s)	1.0	R 167.9	18.5	R 0.2	16.0	702.4	R 3.4	R 909.4	R 909.4	(s)	R 909.4
1999	—	R (s)	1.5	R 180.6	20.0	R 0.2	14.2	822.3	R 2.1	R 1,040.8	R 1,040.8	(s)	R 1,040.9
2000	—	R (s)	R 1.4	R 279.1	35.9	(s)	15.0	1,074.9	R 14.0	R 1,420.4	R 1,420.4	(s)	R 1,420.4
2001	—	(s)	3.2	255.0	23.7	(s)	14.5	894.2	10.6	1,201.3	1,201.3	(s)	1,201.3

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Maine (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	—	—	0.34	0.41	—	0.35	—	—	1.31	0.99	0.40
1975	—	—	1.78	2.48	—	1.79	0.32	—	2.65	2.02	0.85
1980	—	—	4.38	6.33	—	4.41	0.58	—	4.72	3.59	2.27
1985	—	—	4.21	5.89	—	4.23	0.62	—	6.36	4.84	1.78
1986	—	—	2.39	3.49	—	2.40	0.58	—	6.31	4.80	1.58
1987	—	—	2.93	4.19	—	2.94	0.60	—	6.11	4.65	2.25
1988	—	—	2.35	4.43	—	2.37	0.64	—	6.02	4.58	1.86
1989	—	2.39	2.78	4.14	—	2.82	0.54	0.67	6.05	4.60	1.44
1990	1.80	2.40	2.78	5.40	—	2.79	0.46	0.46	5.84	5.66	1.39
1991	1.79	2.16	2.07	4.59	—	2.10	0.43	0.50	4.60	3.06	0.95
1992	1.72	2.57	2.27	4.37	—	2.29	0.39	0.51	4.37	3.19	0.95
1993	1.66	2.64	2.13	3.95	—	2.29	0.37	0.55	4.01	2.89	0.87
1994	1.66	2.19	2.12	3.80	0.57	2.10	0.39	0.56	4.09	2.27	0.95
1995	1.69	1.99	2.60	3.78	0.60	2.35	2.14	1.50	4.04	2.18	2.49
1996	1.70	2.66	2.93	4.68	0.67	2.54	0.38	1.37	3.82	2.31	1.32
1997	1.71	3.01	2.78	4.26	0.68	2.61	—	0.50	3.77	1.62	2.02
1998	1.68	2.84	2.02	3.05	0.94	1.94	—	0.61	4.01	3.02	2.08
1999	1.57	2.67	1.78	3.53	0.79	1.75	—	0.67	4.92	4.16	2.19
2000	1.53	4.43	3.27	6.81	0.74	3.21	—	0.67	3.04	3.52	2.74
2001	1.67	3.40	3.37	5.79	—	3.38	—	0.47	3.29	3.82	2.66
	Expenditures in Million Nominal Dollars										
1970	—	—	10.3	0.2	—	10.6	—	—	2.5	0.2	12.9
1975	—	—	31.4	0.6	—	32.0	16.1	—	13.9	0.7	61.3
1980	—	—	99.7	2.2	—	101.9	27.9	—	61.1	0.4	190.5
1985	—	—	90.9	1.0	—	91.9	35.1	—	23.0	6.1	143.8
1986	—	—	65.5	0.7	—	66.1	38.1	—	65.3	7.5	162.0
1987	—	—	79.6	0.8	—	80.4	25.1	—	84.4	4.9	185.1
1988	—	—	71.7	1.3	—	73.0	33.8	—	77.4	6.0	178.2
1989	—	0.6	87.8	4.4	—	92.2	39.5	12.0	53.7	8.2	189.7
1990	6.9	0.5	62.2	0.7	—	62.9	23.9	10.0	46.6	2.2	148.5
1991	10.8	0.4	29.8	0.7	—	30.6	28.3	11.4	29.5	2.5	108.4
1992	10.4	0.3	31.9	0.7	—	32.6	21.8	13.5	28.0	3.5	103.2
1993	10.3	0.4	18.4	3.5	—	21.9	22.5	17.0	28.6	1.4	99.3
1994	10.0	0.3	17.0	0.4	0.1	17.6	27.1	13.6	44.4	0.3	112.6
1995	6.6	0.2	23.9	0.7	0.9	25.5	4.4	28.7	63.7	0.2	129.0
1996	6.8	0.1	21.0	0.5	1.1	22.6	20.3	28.1	56.4	0.2	134.0
1997	7.1	0.1	43.8	0.5	1.0	45.4	—	9.7	44.2	(s)	106.5
1998	6.4	0.2	37.6	0.3	1.5	39.4	—	13.9	79.1	0.3	138.6
1999	6.1	1.4	63.6	0.6	1.2	65.4	—	16.7	109.5	8.3	190.8
2000	6.5	123.0	66.5	1.6	0.6	68.7	—	17.7	63.7	13.3	266.3
2001	7.7	281.0	39.4	0.3	—	39.7	—	15.9	52.6	1.0	395.9

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Maryland

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	0.58	0.34	0.45	1.07	1.20	0.73	1.87	2.85	0.43	R 1.46	1.62	—	1.17	1.17	0.40	5.76	1.78
1975	2.14	1.28	1.69	1.94	2.61	2.04	3.71	4.86	1.87	R 2.90	R 3.30	0.23	1.43	R 2.62	1.36	11.19	R 4.00
1980	2.38	1.50	1.77	3.81	6.87	6.46	6.81	9.93	4.04	R 7.14	R 7.66	0.44	2.69	R 4.91	1.66	15.47	R 7.66
1985	1.88	1.71	1.75	6.29	R 7.76	5.80	R 11.55	9.51	4.06	R 6.92	R 8.11	0.59	3.10	R 5.39	1.66	18.60	9.02
1986	1.76	1.64	1.66	5.99	R 6.04	4.01	R 11.27	7.55	2.30	R 5.74	R 6.38	0.56	2.53	R 4.33	1.33	18.66	R 8.11
1987	1.59	1.55	1.56	5.31	R 6.29	4.01	R 11.07	8.06	3.03	R 5.01	R 6.59	0.49	2.36	R 4.44	1.44	17.61	7.93
1988	1.61	1.56	1.57	4.92	R 6.24	3.75	R 9.97	8.65	2.27	R 4.83	R 6.67	0.49	2.37	R 4.36	1.35	17.13	7.98
1989	1.67	1.59	1.60	R 5.07	R 6.68	4.38	R 14.10	9.35	2.68	R 5.34	R 7.07	0.52	R e 1.77	R e 5.00	1.84	17.53	R e 8.57
1990	1.71	1.60	1.61	R 5.01	R 7.95	5.47	R 11.84	10.33	R 3.04	R 5.21	R 8.11	0.61	R 1.39	R 5.49	R 1.87	18.47	R 9.40
1991	1.75	1.60	1.62	R 4.62	R 7.53	4.78	R 12.77	9.86	2.16	R 4.90	R 7.77	0.50	R 1.45	R 4.91	1.46	19.97	R 9.62
1992	—	1.57	1.57	R 4.92	R 7.24	4.49	R 11.61	10.05	2.16	R 4.56	R 7.88	0.45	R 1.39	R 5.01	1.36	19.94	R 9.82
1993	1.73	1.58	1.58	R 5.42	R 7.17	4.16	R 11.78	9.94	2.21	R 4.88	7.66	0.53	R 1.42	R 4.94	R 1.38	20.39	R 10.06
1994	—	1.53	1.53	R 5.31	R 6.89	3.85	R 11.67	10.14	2.36	R 4.89	R 7.79	0.52	R 1.40	R 5.00	1.41	20.59	R 10.18
1995	—	1.49	1.49	4.81	R 6.78	3.89	R 12.60	10.47	2.65	R 5.16	R 8.42	0.48	R 1.38	R 4.92	R 1.26	20.69	R 10.21
1996	—	1.48	1.48	R 6.20	R 7.82	4.70	R 13.73	10.86	3.22	R 5.64	R 8.95	0.48	R 1.32	R 5.47	1.31	20.40	R 10.70
1997	—	1.49	1.49	R 5.71	R 7.74	4.47	R 14.43	10.69	2.88	R 5.43	R 8.78	0.47	R 1.16	R 5.31	1.28	20.46	R 10.46
1998	—	1.45	1.45	R 6.27	R 6.56	3.34	13.51	9.36	2.08	R 4.66	R 7.37	0.46	R 1.20	R 4.79	R 1.27	20.50	R 10.12
1999	—	1.37	1.37	R 6.60	R 7.14	3.90	R 13.66	9.91	2.57	R 4.68	R 7.79	R 0.46	R 1.28	R 5.08	R 1.31	20.62	R 10.46
2000	—	R 1.33	R 1.33	R 7.97	R 9.92	6.55	R 16.61	12.93	R 3.86	R 6.23	R 10.73	0.43	R 1.55	R 6.54	R 1.39	19.75	R 12.11
2001	—	1.56	1.56	10.03	9.31	5.87	17.17	12.30	3.56	5.56	10.20	0.45	1.32	6.69	1.61	19.52	12.09
	Expenditures in Million Nominal Dollars																
1970	79.6	60.2	139.9	168.5	138.3	18.1	13.0	556.7	58.7	R 75.5	R 860.4	—	7.2	R 1,175.9	-91.0	442.4	R 1,527.3
1975	200.6	132.5	333.1	270.5	317.1	34.6	33.0	1,115.0	314.0	R 128.5	R 1,942.2	11.3	9.1	R 2,566.3	-352.5	1,042.3	R 3,256.1
1980	168.9	247.5	416.5	607.5	872.6	126.3	51.5	2,296.3	415.8	R 296.8	R 4,059.4	52.5	16.4	R 5,152.2	-544.9	1,825.4	R 6,432.7
1985	107.4	R 340.4	R 447.8	966.9	R 857.2	125.7	R 75.1	2,280.3	201.9	R 389.8	R 3,930.0	61.8	26.5	R 5,433.0	-535.1	2,495.9	R 7,393.8
1986	91.5	R 366.0	R 457.5	933.1	R 644.7	86.7	R 58.6	1,860.7	105.5	R 364.4	R 3,120.6	75.7	22.7	R 4,609.6	-493.8	2,671.1	R 6,786.9
1987	82.3	R 368.0	R 450.3	913.8	R 714.9	84.0	R 70.5	2,041.7	173.2	R 340.2	R 3,424.5	51.6	19.4	R 4,859.5	-515.6	2,698.3	R 7,042.2
1988	82.8	R 389.8	R 472.6	864.2	R 726.6	93.7	R 61.7	2,232.2	148.8	R 318.2	R 3,581.2	61.3	20.3	R 4,999.6	-543.3	2,779.3	R 7,235.5
1989	77.4	R 396.3	R 473.7	R 999.9	R 832.3	107.2	R 110.8	2,436.8	R 265.2	R 313.5	R 4,065.9	14.9	R e 35.2	R e 5,589.7	R -677.4	2,946.2	R e 7,858.5
1990	57.6	R 404.4	R 462.0	R 892.8	R 848.7	110.9	R 84.3	2,573.9	R 201.4	R 312.7	R 4,132.0	8.1	R 24.2	R 5,519.1	R -593.6	3,121.6	R 8,047.1
1991	46.6	397.8	R 444.4	R 834.0	R 818.0	87.8	R 93.1	2,510.5	R 132.7	R 240.3	R 3,882.5	47.1	R 25.5	R 5,233.4	R -578.3	3,482.5	R 8,137.6
1992	—	389.6	389.6	R 922.8	R 830.7	76.8	R 110.9	2,589.7	R 111.6	R 232.3	R 3,951.9	50.8	R 25.4	R 5,340.5	R -542.1	3,468.8	R 8,267.2
1993	(s)	R 412.5	412.5	R 999.5	R 842.3	69.9	R 105.3	2,589.5	R 144.5	R 274.9	R 4,026.6	68.4	R 26.9	R 5,533.8	R -611.7	3,748.6	R 8,670.8
1994	—	412.2	412.2	R 1,005.8	R 818.1	70.3	R 120.3	2,687.8	R 140.9	R 268.3	R 4,105.6	61.4	R 27.3	R 5,612.3	R -619.9	3,847.4	R 8,839.7
1995	—	R 430.5	R 430.5	943.5	R 757.5	75.6	R 122.6	2,810.7	R 67.7	R 276.4	R 4,110.6	65.4	R 34.6	R 5,584.6	R -562.5	3,964.5	R 8,986.6
1996	—	R 433.0	R 433.0	R 1,233.9	R 987.2	103.9	R 148.6	2,934.9	R 91.3	R 287.7	R 4,553.6	60.7	R 36.1	R 6,317.5	R -578.5	3,966.6	R 9,705.6
1997	—	R 430.7	R 430.7	R 1,233.7	R 883.2	103.7	R 149.0	2,987.0	R 76.2	R 348.0	R 4,547.1	R 65.7	R 28.4	R 6,305.6	R -583.8	3,928.4	R 9,650.2
1998	—	439.6	439.6	R 1,207.6	R 789.0	74.3	R 117.7	2,662.7	R 98.9	R 310.4	R 4,053.0	R 64.8	R 29.1	R 5,794.1	R -630.9	4,045.0	R 9,208.3
1999	—	418.9	418.9	R 1,318.3	R 904.7	87.2	R 105.9	2,938.0	R 146.6	R 308.7	R 4,491.0	R 64.1	R 33.1	R 6,325.5	R -669.2	4,157.9	R 9,814.1
2000	—	R 414.2	R 414.2	R 1,721.2	R 1,293.2	152.5	R 144.1	3,850.0	R 125.2	R 389.9	R 5,954.9	R 62.6	R 39.4	R 8,192.3	R -699.2	4,088.6	R 11,581.7
2001	—	496.2	496.2	1,890.5	1,254.8	97.5	157.8	3,798.8	129.3	338.5	5,776.8	63.6	24.0	8,251.5	-789.3	3,983.3	11,445.5

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Maryland

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.05	1.42	1.42	1.50	2.57	1.50	0.73	1.44	7.02	2.31
1975	1.75	2.30	2.71	3.37	4.61	2.92	1.45	2.56	12.65	4.57
1980	3.18	4.38	7.06	8.55	9.81	7.31	3.70	5.67	17.32	8.45
1985	3.28	7.01	8.24	8.26	11.42	R 8.51	R 4.19	R 7.41	21.32	R 11.46
1986	3.22	6.64	6.92	5.69	11.25	R 7.08	R 3.36	R 6.63	21.14	R 11.16
1987	3.10	6.16	6.56	4.99	11.25	R 6.69	3.20	R 6.24	20.19	R 10.70
1988	3.07	5.72	6.59	4.72	9.17	R 6.48	3.23	R 5.91	19.68	R 10.35
1989	3.25	6.11	7.10	4.39	17.98	R 7.85	3.57	R 6.60	20.10	R 11.24
1990	3.36	6.28	8.47	4.99	12.58	R 8.71	3.53	R 6.97	21.17	R 12.31
1991	3.09	6.01	8.21	5.62	13.46	R 8.70	R 3.38	R 6.75	23.14	R 13.08
1992	3.10	6.26	7.56	5.02	13.03	R 8.17	R 3.09	R 6.73	23.37	R 12.76
1993	3.23	6.89	7.43	4.56	13.18	R 7.94	3.02	R 7.08	24.07	R 13.39
1994	3.23	6.75	7.19	4.87	14.04	R 7.96	2.93	R 6.99	24.58	R 13.57
1995	3.11	6.46	7.09	4.43	14.68	R 8.08	2.87	6.78	24.71	R 13.64
1996	3.19	7.39	8.05	5.38	16.01	R 9.06	3.29	7.76	24.21	R 13.74
1997	3.23	8.09	8.00	5.55	16.04	R 9.25	3.27	8.31	24.41	R 14.38
1998	3.06	8.00	6.83	4.26	14.72	R 7.98	2.84	7.83	24.72	R 14.77
1999	2.89	8.14	6.87	5.20	14.68	R 8.03	2.92	7.94	24.60	R 14.69
2000	2.81	9.47	10.23	8.62	18.24	R 11.18	4.38	R 9.80	23.31	R 15.09
2001	3.84	11.24	10.16	7.88	19.39	11.47	4.17	11.12	22.58	15.78
	Expenditures in Million Nominal Dollars									
1970	1.2	106.1	67.9	18.4	9.8	96.1	1.6	205.0	184.2	389.2
1975	0.4	161.4	133.3	19.3	21.3	173.9	3.9	339.6	416.8	756.3
1980	0.6	304.1	361.7	40.2	26.7	428.6	12.2	745.5	716.3	1,461.9
1985	R 2.2	496.1	R 269.1	52.1	40.6	R 361.9	21.3	R 881.4	1,041.6	R 1,923.1
1986	R 2.3	494.8	R 216.5	26.7	31.0	R 274.2	R 16.7	R 788.0	1,141.2	R 1,929.2
1987	R 3.1	450.2	R 240.8	32.1	39.1	R 312.0	13.0	R 778.3	1,186.1	R 1,964.4
1988	R 2.1	442.0	R 260.1	35.2	30.1	R 325.4	13.7	R 783.1	1,241.0	R 2,024.2
1989	R 0.9	473.4	R 236.3	20.2	72.9	R 329.4	15.7	R 819.4	1,308.0	R 2,127.4
1990	R 0.8	428.5	R 251.2	10.9	49.6	R 311.7	14.3	R 755.3	1,379.8	R 2,135.0
1991	R 0.6	426.5	R 231.3	12.6	59.1	R 303.1	14.4	R 744.6	1,602.6	R 2,347.2
1992	0.2	483.0	R 228.3	9.0	64.5	R 301.8	13.9	R 798.9	1,575.5	R 2,374.4
1993	0.2	544.2	R 241.3	13.2	66.7	R 321.2	14.6	R 880.3	1,769.8	R 2,650.1
1994	0.4	533.0	R 232.3	10.8	73.0	R 316.2	13.9	R 863.5	1,817.4	R 2,680.9
1995	3.0	506.8	R 203.2	13.4	87.6	R 304.2	15.1	R 829.1	1,874.7	R 2,703.8
1996	0.4	650.1	R 272.4	18.1	107.2	R 397.7	17.3	R 1,065.5	1,898.5	R 2,963.9
1997	0.5	647.9	R 233.8	18.8	115.4	R 367.9	11.7	R 1,028.0	1,826.7	R 2,854.8
1998	R 0.5	564.2	R 171.6	17.4	96.5	R 285.5	9.2	R 859.3	1,890.1	R 2,749.4
1999	0.4	629.5	R 186.7	15.4	88.2	R 290.4	10.1	R 930.3	1,959.3	R 2,889.7
2000	0.6	822.3	R 289.9	R 24.7	88.6	R 403.1	15.9	R 1,242.0	1,905.0	R 3,146.9
2001	0.8	896.5	283.9	21.0	113.4	418.4	12.9	1,328.7	1,849.9	3,178.6

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Maryland

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.07	1.09	1.12	0.88	1.03	2.85	0.43	0.93	0.73	0.99	6.86	2.60
1975	1.06	1.96	2.39	2.53	2.75	4.86	1.83	2.31	1.45	2.13	12.49	5.76
1980	1.19	3.88	6.39	6.24	5.13	9.93	4.16	5.81	3.70	4.73	18.41	9.75
1985	1.33	6.17	6.37	8.26	11.63	9.51	4.41	R 6.61	4.19	R 6.07	22.00	R 12.91
1986	1.33	5.54	4.25	5.69	11.24	7.55	2.56	R 4.11	3.36	R 4.75	21.81	R 12.27
1987	1.31	4.94	4.29	4.99	10.81	8.06	3.14	R 4.08	3.20	4.31	19.92	R 10.53
1988	1.33	4.93	3.94	4.72	10.77	8.65	2.39	R 4.01	3.23	R 4.39	19.27	R 11.09
1989	1.28	R 5.26	4.79	4.39	9.89	9.35	2.82	R 4.46	3.57	4.82	19.63	R 10.89
1990	1.14	5.21	5.89	4.99	10.85	10.33	3.13	R 5.84	1.91	R 5.35	19.92	R 11.87
1991	1.34	4.92	5.37	5.62	11.64	9.86	2.36	R 5.66	3.08	R 5.08	20.86	R 11.35
1992	1.30	5.10	4.94	5.02	9.97	10.05	2.26	R 4.90	1.89	R 4.99	21.06	R 10.89
1993	1.27	5.57	4.75	4.56	9.79	9.94	2.37	R 4.87	1.99	R 5.30	21.21	R 11.42
1994	1.27	5.30	4.40	4.87	10.98	10.14	2.41	R 4.61	1.93	R 4.98	21.28	R 11.54
1995	1.25	4.94	4.39	4.43	10.72	10.47	2.74	4.70	1.56	R 4.50	20.41	R 12.65
1996	1.29	5.91	5.37	5.38	11.97	10.86	3.29	5.70	1.65	R 5.70	20.18	R 13.40
1997	1.30	6.32	5.20	5.55	11.50	10.69	3.04	R 5.70	1.61	R 5.99	20.26	R 13.61
1998	1.29	R 6.41	4.24	4.26	10.20	9.36	2.19	R 4.64	1.62	R 5.85	20.14	R 13.21
1999	1.28	R 6.72	4.74	5.20	10.39	9.91	2.76	R 5.17	1.56	R 6.24	20.13	R 13.57
2000	1.26	7.82	7.59	8.62	13.34	12.93	4.32	R 8.04	2.06	R 7.61	19.38	R 13.86
2001	1.49	9.78	6.75	7.88	14.11	12.30	3.91	7.32	1.76	8.92	19.08	14.15
	Expenditures in Million Nominal Dollars											
1970	0.1	28.8	20.9	0.3	0.7	1.5	4.1	27.5	(s)	56.4	148.5	205.0
1975	0.6	50.1	45.8	0.5	2.2	3.1	13.4	65.0	0.1	115.7	365.3	481.1
1980	0.8	113.1	106.6	0.7	2.5	6.3	30.3	146.4	0.3	260.6	589.6	850.2
1985	R 3.1	153.9	R 80.4	4.2	7.3	8.5	7.0	R 107.4	0.6	R 265.0	722.3	R 987.3
1986	R 3.2	136.6	R 42.6	1.6	5.5	6.9	14.0	R 70.5	0.5	R 210.8	763.3	R 974.1
1987	R 4.4	130.3	R 55.3	0.7	6.6	7.6	36.1	R 106.3	0.4	R 241.5	738.2	R 979.6
1988	R 3.2	131.7	R 48.9	1.7	6.2	7.7	10.8	R 75.3	0.5	R 210.7	758.3	R 969.0
1989	1.4	146.2	R 62.2	2.2	7.1	9.7	R 22.7	R 103.9	0.6	R 252.0	712.9	R 964.9
1990	1.1	128.7	R 85.4	1.3	7.6	12.6	R 10.8	R 117.6	1.3	R 248.7	749.1	R 997.8
1991	1.2	192.1	R 83.1	1.7	9.0	6.1	2.0	R 101.9	1.0	R 296.2	801.5	R 1,097.7
1992	0.4	222.5	R 86.1	1.2	8.7	5.4	R 6.7	R 108.2	1.4	R 332.4	816.0	R 1,148.4
1993	0.4	249.6	R 79.3	2.2	8.7	1.6	R 2.8	R 94.7	1.6	R 346.3	868.7	R 1,215.1
1994	1.0	241.0	R 87.3	5.9	10.1	1.7	R 3.2	R 108.1	1.6	R 351.7	1,010.3	R 1,362.1
1995	8.0	237.2	R 79.2	5.3	11.3	1.7	2.1	R 99.6	2.2	R 347.0	1,652.5	R 1,999.6
1996	1.2	278.7	R 102.2	4.6	14.1	1.8	R 2.2	R 125.0	2.5	R 407.3	1,637.2	R 2,044.6
1997	1.6	325.2	R 75.2	7.1	14.6	1.7	1.0	R 99.6	2.3	R 428.7	1,664.1	R 2,092.8
1998	1.5	381.5	R 63.1	7.6	11.8	1.5	0.6	R 84.6	2.1	R 469.8	1,714.5	R 2,184.3
1999	1.3	403.8	R 61.1	7.5	11.0	1.6	R 0.9	R 82.1	2.2	R 489.5	1,762.3	R 2,251.8
2000	2.4	449.8	R 114.2	R 17.7	11.4	7.8	R 2.4	R 153.5	3.2	R 608.8	1,753.1	R 2,361.9
2001	2.5	607.0	98.9	15.5	14.6	2.1	0.8	131.8	2.9	744.3	1,689.2	2,433.4

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Maryland

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	0.58	0.07	0.50	0.67	0.60	0.81	0.88	1.03	5.08	2.85	0.43	R 1.53	R 0.84	1.42	0.64	3.80	0.91
1975	2.14	1.06	2.05	1.35	1.89	2.34	2.53	2.75	7.48	4.86	2.08	R 2.65	R 2.40	1.42	R 2.05	8.42	R 2.78
1980	2.38	1.19	2.15	3.19	3.73	5.60	6.24	5.13	14.36	9.93	4.37	R 8.91	R 5.77	1.42	R 3.61	11.65	R 4.96
1985	1.88	1.33	1.75	5.51	4.95	6.23	6.99	11.63	17.61	9.51	4.41	R 7.31	R 6.35	1.42	R 4.40	13.92	R 6.31
1986	1.76	1.33	1.65	5.43	4.18	3.99	4.84	11.24	15.59	7.55	2.56	R 6.48	R 5.14	1.56	R 3.98	14.12	R 6.07
1987	1.59	1.31	1.50	4.97	3.22	4.24	4.62	10.81	13.58	8.06	3.14	R 5.77	R 4.79	1.56	R 3.65	13.43	R 5.67
1988	1.61	1.33	1.54	4.17	3.16	3.87	4.39	10.77	14.62	8.65	2.39	R 5.10	R 4.50	1.56	R 3.41	12.97	R 5.47
1989	1.67	1.28	1.57	R 4.66	2.90	4.92	5.24	9.89	14.48	9.35	2.82	R 7.32	R 5.15	R d 1.20	R d 3.80	13.83	R d 6.16
1990	1.71	1.14	1.48	4.45	2.97	5.91	6.82	10.85	14.60	10.33	3.13	R 6.79	R 5.13	R 0.98	R 3.79	14.94	R 6.50
1991	1.75	1.34	1.55	3.42	2.89	5.44	5.90	11.64	16.80	9.86	2.36	R 4.78	R 4.74	R 1.13	R 3.25	16.11	R 6.86
1992	—	1.30	1.30	3.47	2.20	5.13	4.96	9.97	18.32	10.05	2.26	R 4.36	R 4.40	R 1.13	R 3.55	15.84	R 7.50
1993	1.73	1.27	1.27	3.49	3.11	4.79	4.78	9.79	18.96	9.94	2.37	R 4.61	R 4.53	R 1.12	R 3.63	15.96	R 7.55
1994	—	1.27	1.27	3.92	3.03	4.66	5.09	8.72	19.11	10.14	2.41	R 4.37	R 4.53	R 1.18	R 3.77	15.52	R 7.36
1995	—	1.25	1.25	3.13	3.41	4.57	4.38	8.66	19.41	10.47	2.74	R 4.59	R 4.81	R 1.24	R 3.55	12.39	R 5.25
1996	—	1.29	1.29	5.21	3.46	5.56	5.51	9.18	20.08	10.86	3.29	R 5.23	R 5.25	R 1.08	R 4.48	12.17	R 5.92
1997	—	1.30	1.30	3.14	3.94	5.44	5.05	10.13	17.98	10.69	3.04	R 5.35	R 5.16	R 1.10	R 3.74	12.33	R 5.18
1998	—	1.29	1.29	R 5.07	3.22	4.38	3.72	9.43	19.07	9.36	2.19	R 3.86	R 4.30	R 1.36	R 3.96	12.15	R 5.54
1999	—	1.28	1.28	R 5.50	2.93	4.80	4.27	9.62	16.75	9.91	2.76	R 4.37	R 4.39	R 1.48	R 4.09	12.49	R 5.68
2000	—	1.26	R 1.26	7.61	4.42	7.34	7.71	14.76	17.99	12.93	4.32	R 5.75	R 6.27	R 1.52	R 5.69	12.13	R 6.93
2001	—	1.49	1.49	8.74	3.87	6.65	6.81	12.88	19.00	12.30	3.91	4.58	5.77	1.92	5.36	12.92	6.80
	Expenditures in Million Nominal Dollars																
1970	79.6	1.8	81.4	29.8	11.1	14.8	0.5	2.4	10.0	3.9	17.8	R 22.5	R 83.1	5.5	R 199.8	109.7	R 309.5
1975	200.6	8.8	209.4	58.6	40.8	44.4	2.1	9.1	20.7	7.5	62.8	R 27.6	R 215.0	5.2	R 488.2	260.2	R 748.4
1980	168.9	21.2	190.1	176.9	65.3	104.1	11.3	21.9	36.1	7.6	69.9	R 108.3	R 424.5	3.8	R 795.3	518.5	R 1,313.8
1985	107.4	23.5	131.0	311.7	148.6	R 103.2	1.7	24.5	40.2	14.9	28.3	R 108.9	R 470.4	4.5	R 917.6	727.4	R 1,645.0
1986	91.5	23.9	115.4	295.4	144.7	R 54.1	1.6	20.5	34.8	12.8	15.3	R 124.7	R 408.4	5.4	R 824.6	761.8	R 1,586.4
1987	82.3	31.5	113.7	300.5	102.9	R 46.9	1.3	23.5	34.3	14.1	15.9	R 139.9	R 378.8	5.4	R 798.4	767.2	R 1,565.6
1988	82.8	22.8	105.5	276.0	91.3	R 44.3	3.6	22.9	35.6	16.0	15.9	R 120.5	R 350.2	5.6	R 737.4	772.0	R 1,509.4
1989	77.4	21.7	99.1	318.8	86.7	R 67.1	3.1	28.5	36.2	16.9	R 17.3	R 134.5	R 390.2	R d 9.6	R d 817.7	918.0	R d 1,735.7
1990	57.6	27.1	84.8	282.6	98.7	R 70.9	1.3	24.9	37.5	16.1	R 24.1	R 131.3	R 404.8	R 5.2	R 777.4	984.3	R 1,761.7
1991	46.6	35.1	81.7	165.5	71.0	R 57.0	0.9	23.0	38.6	14.8	11.5	R 83.1	R 300.0	R 6.4	R 553.6	1,069.1	R 1,622.8
1992	—	23.2	23.2	177.0	51.2	R 48.9	0.5	33.5	43.0	14.5	R 15.1	R 91.1	R 297.9	R 6.3	R 504.3	1,068.1	R 1,572.4
1993	(s)	23.5	23.6	175.3	96.7	R 53.2	0.7	25.2	45.3	15.1	R 18.3	R 78.7	R 333.2	R 6.6	R 538.8	1,100.1	R 1,638.9
1994	—	23.8	23.8	192.7	87.6	R 51.3	1.9	33.4	47.7	15.6	R 18.7	R 75.8	R 332.0	R 7.5	R 555.9	1,008.1	R 1,564.1
1995	—	24.1	24.1	157.2	95.8	R 46.2	1.4	22.0	47.6	17.9	R 12.6	R 75.2	R 318.7	R 10.1	R 510.1	425.2	R 935.3
1996	—	25.5	25.5	268.1	83.0	R 66.7	1.8	25.4	47.8	19.4	R 28.2	R 94.9	R 367.2	R 9.2	R 670.1	419.4	R 1,089.5
1997	—	R 25.0	R 25.0	R 214.3	147.0	R 54.2	1.2	15.2	45.2	20.2	R 16.1	R 92.8	R 391.8	R 8.5	R 639.7	426.0	R 1,065.7
1998	—	24.9	24.9	202.7	99.9	R 69.5	2.4	9.0	50.2	14.3	R 8.8	R 93.1	R 347.2	R 10.5	R 585.2	428.7	R 1,013.9
1999	—	25.5	R 25.5	R 211.7	85.1	R 66.2	0.9	6.1	44.6	12.3	R 10.3	R 120.2	R 345.5	R 12.2	R 594.9	423.4	R 1,018.3
2000	—	25.7	R 25.7	R 314.9	138.0	R 90.1	R 1.3	39.7	47.2	16.9	R 14.9	R 123.5	R 471.6	R 12.1	R 824.3	416.7	R 1,241.0
2001	—	47.8	47.8	248.6	110.9	90.5	2.9	29.4	45.6	50.5	13.3	102.6	445.6	2.4	744.4	425.8	1,170.2

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Maryland

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.07	—	2.17	1.32	0.73	1.03	5.08	2.85	0.39	2.30	2.30	—	2.30
1975	1.06	—	3.45	2.81	2.03	2.75	7.48	4.86	1.61	4.30	4.30	—	4.30
1980	—	—	9.02	7.69	6.46	5.13	14.36	9.93	3.53	8.92	8.92	12.62	8.92
1985	—	—	9.99	8.64	5.80	R 12.57	17.61	9.51	3.88	9.01	9.01	17.74	9.02
1986	—	—	8.41	6.68	4.01	R 12.15	15.59	7.55	2.09	7.10	7.10	17.80	7.11
1987	—	—	7.55	7.32	4.01	R 11.99	13.58	8.06	2.85	7.53	7.53	24.06	7.54
1988	—	—	7.41	7.40	3.75	R 12.16	14.62	8.65	2.07	7.84	7.84	23.33	7.86
1989	—	—	8.28	7.61	4.38	R 11.16	14.48	9.35	2.39	R 8.46	R 8.46	23.37	8.47
1990	—	—	9.32	8.97	5.47	R 12.24	14.60	10.33	2.72	9.59	9.59	24.37	R 9.61
1991	—	—	8.71	8.44	4.78	R 13.14	16.80	9.86	1.97	9.20	9.20	25.64	9.21
1992	—	—	8.54	8.31	4.49	R 11.30	18.32	10.05	1.97	9.29	9.29	26.15	9.31
1993	—	R 3.47	8.24	8.48	4.16	R 11.43	18.96	9.94	2.02	9.28	9.28	24.26	R 9.30
1994	—	3.65	7.96	8.56	3.85	R 10.52	19.11	10.14	2.28	9.47	9.47	25.13	R 9.50
1995	—	2.99	8.36	8.13	3.89	R 10.09	19.41	10.47	2.64	R 9.67	R 9.67	25.77	R 9.69
1996	—	3.71	9.29	9.23	4.70	R 10.61	20.08	10.86	3.17	R 10.16	R 10.16	25.32	R 10.18
1997	—	3.46	9.39	8.89	4.47	R 10.59	17.98	10.69	R 2.82	R 9.95	R 9.95	25.79	R 9.97
1998	—	2.98	8.11	7.83	3.34	R 9.87	19.07	9.36	1.99	R 8.66	R 8.66	25.84	R 8.68
1999	—	2.95	8.81	8.30	3.90	R 11.86	16.75	9.91	R 2.65	R 9.21	R 9.21	25.70	R 9.23
2000	—	5.40	R 10.87	10.92	6.55	R 16.05	17.99	12.93	R 3.67	R 12.11	R 12.10	26.06	R 12.12
2001	—	5.21	11.01	10.25	5.87	16.28	19.00	12.30	3.26	11.60	11.60	31.07	11.63
	Expenditures in Million Nominal Dollars												
1970	(s)	—	3.4	32.1	18.1	0.1	9.2	551.2	9.5	623.7	623.7	—	623.7
1975	(s)	—	3.6	85.9	33.5	0.5	13.9	1,104.5	28.5	1,270.4	1,270.4	—	1,270.4
1980	—	—	7.9	262.0	125.9	0.5	27.0	2,282.4	100.1	2,805.9	2,805.9	1.0	2,806.8
1985	—	—	3.8	R 377.7	125.7	R 2.7	30.1	2,256.9	36.9	R 2,833.9	R 2,833.9	4.5	R 2,838.4
1986	—	—	4.3	R 316.8	86.7	R 1.6	26.1	1,841.0	15.9	R 2,292.4	R 2,292.4	4.8	R 2,297.2
1987	—	—	3.3	R 354.0	84.0	R 1.4	25.7	2,019.9	37.4	R 2,525.7	R 2,525.7	6.9	R 2,532.6
1988	—	—	3.5	R 355.9	93.7	R 2.5	26.7	2,208.5	34.2	R 2,725.0	R 2,725.0	8.0	R 2,732.9
1989	—	—	3.5	R 436.7	107.2	R 2.4	27.1	2,410.3	R 36.1	R 3,023.2	R 3,023.2	7.4	R 3,030.6
1990	—	—	3.5	R 422.8	110.9	R 2.3	28.1	2,545.3	R 31.2	R 3,144.1	R 3,144.1	8.5	R 3,152.6
1991	—	—	3.3	R 432.1	87.8	R 2.0	28.9	2,489.6	R 16.9	R 3,060.7	R 3,060.7	9.2	R 3,070.0
1992	—	—	4.1	R 455.9	76.8	R 4.1	32.2	2,569.7	R 20.0	R 3,162.8	R 3,162.8	9.3	R 3,172.0
1993	—	0.1	4.2	R 454.9	69.9	R 4.7	33.9	2,572.8	R 16.2	R 3,156.7	R 3,156.8	9.9	R 3,166.8
1994	—	0.1	2.8	R 423.9	70.3	R 3.7	35.7	2,670.6	R 14.0	R 3,221.1	R 3,221.2	11.5	R 3,232.7
1995	—	0.2	2.0	R 414.1	75.6	R 1.8	35.7	2,791.1	R 15.4	R 3,335.7	R 3,335.8	12.0	R 3,347.9
1996	—	R 0.3	1.6	R 523.8	103.9	R 1.9	35.8	2,913.7	R 15.1	R 3,595.8	R 3,596.1	11.5	R 3,607.6
1997	—	R 0.3	2.1	R 503.7	103.7	R 3.9	33.9	2,965.0	R 12.8	R 3,625.1	R 3,625.4	11.5	R 3,636.9
1998	—	R 0.4	2.3	R 472.9	74.3	R 0.5	37.6	2,646.8	R 14.3	R 3,248.6	R 3,248.9	11.8	R 3,260.7
1999	—	R 0.5	1.7	R 577.9	87.2	0.5	33.4	2,924.1	R 16.3	R 3,641.1	R 3,641.5	12.8	R 3,654.4
2000	—	R 0.9	R 2.2	R 779.1	152.5	R 4.4	35.3	3,825.3	R 18.2	R 4,817.0	R 4,817.9	13.9	R 4,831.8
2001	—	1.0	5.8	747.1	97.5	0.4	34.2	3,746.2	12.5	4,643.8	4,644.8	18.5	4,663.3

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Maryland (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.39	0.32	0.44	0.48	—	0.44	—	—	—	—	0.40
1975	1.30	1.10	1.85	2.18	—	1.86	0.23	—	—	—	1.36
1980	1.54	2.50	4.21	5.97	—	4.41	0.44	—	—	—	1.66
1985	1.75	3.73	4.02	5.53	—	4.22	0.59	0.79	—	—	1.66
1986	1.67	2.74	2.26	3.39	—	2.41	0.56	0.32	—	—	1.33
1987	1.58	2.68	3.06	3.81	—	3.17	0.49	0.95	—	—	1.44
1988	1.58	2.60	2.33	3.49	—	2.46	0.49	0.87	—	—	1.35
1989	1.61	2.60	2.72	4.12	—	2.85	0.52	1.27	—	—	1.84
1990	1.65	2.45	3.10	5.29	—	3.26	0.61	0.46	—	—	1.87
1991	1.63	2.26	2.17	4.44	—	2.31	0.50	0.50	—	—	1.46
1992	1.60	2.55	2.19	4.30	—	2.35	0.45	0.51	—	—	1.36
1993	1.60	2.89	2.21	3.94	—	2.33	0.53	0.55	—	—	1.38
1994	1.55	2.47	2.37	3.84	—	2.54	0.52	0.56	—	—	1.41
1995	1.50	2.16	2.62	3.76	—	2.86	0.48	0.70	—	—	1.26
1996	1.49	2.99	3.18	4.77	—	3.57	0.48	0.59	—	—	1.31
1997	1.50	2.85	2.83	4.32	—	3.11	0.47	0.50	—	—	1.28
1998	1.46	2.63	2.08	2.95	—	2.17	0.46	0.61	—	—	1.27
1999	1.38	3.08	2.54	4.11	—	2.64	0.46	0.67	—	—	1.31
2000	1.33	4.42	3.83	5.87	—	4.08	0.43	0.67	—	—	1.39
2001	1.57	7.59	3.56	6.07	—	3.97	0.45	0.47	3.29	—	1.61
	Expenditures in Million Nominal Dollars										
1970	57.3	3.8	27.4	2.6	—	30.0	—	—	—	—	91.0
1975	122.7	0.5	209.3	8.7	—	218.0	11.3	—	—	—	352.5
1980	224.9	13.4	215.5	38.6	—	254.1	52.5	—	—	—	544.9
1985	311.6	5.2	129.7	26.7	—	156.4	61.8	0.1	—	—	535.1
1986	336.6	6.4	60.3	14.7	—	75.1	75.7	0.1	—	—	493.8
1987	328.9	32.9	83.8	17.9	—	101.7	51.6	0.5	—	—	515.6
1988	361.8	14.4	87.8	17.4	—	105.3	61.3	0.5	—	—	543.3
1989	372.4	61.6	189.0	30.1	—	219.1	14.9	9.4	—	—	677.4
1990	375.4	53.0	135.4	18.4	—	153.8	8.1	3.4	—	—	593.6
1991	361.0	49.9	102.4	14.3	—	116.7	47.1	3.7	—	—	578.3
1992	365.8	40.3	69.9	11.5	—	81.3	50.8	3.8	—	—	542.1
1993	388.3	30.2	107.2	13.6	—	120.7	68.4	4.0	—	—	611.7
1994	387.0	39.0	105.0	23.3	—	128.3	61.4	4.3	—	—	619.9
1995	395.5	42.2	37.6	14.8	—	52.4	65.4	7.1	—	—	562.5
1996	405.9	36.8	45.9	22.0	—	67.9	60.7	7.2	—	—	578.5
1997	403.6	45.9	46.3	16.3	—	62.7	65.7	5.9	—	—	583.8
1998	412.7	58.8	75.3	11.9	—	87.2	64.8	7.3	—	—	630.9
1999	391.7	72.9	119.2	12.8	—	132.0	64.1	8.5	—	—	669.2
2000	385.5	133.2	89.8	19.9	—	109.7	62.6	8.2	—	—	699.2
2001	445.1	137.4	102.6	34.5	—	137.1	63.6	5.7	0.4	—	789.3

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Massachusetts

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.55	0.55	1.58	1.34	0.75	2.31	2.86	0.39	1.63	1.24	0.20	1.13	1.25	0.37	7.29	1.89
1975	—	1.57	1.57	2.86	2.74	2.10	3.74	4.73	1.95	3.37	2.95	0.18	1.29	2.82	1.66	13.93	4.12
1980	—	1.95	1.95	4.88	6.87	6.51	6.62	9.69	3.84	8.10	6.60	0.41	2.49	5.99	3.41	21.13	8.78
1985	—	2.01	2.01	6.25	R 8.00	6.04	R 12.03	9.18	4.04	9.42	R 7.28	0.60	2.65	R 6.19	R 2.88	24.34	R 9.92
1986	—	1.82	1.82	6.35	R 5.92	4.18	10.41	7.25	2.31	7.49	R 5.13	0.88	2.16	R 4.93	R 2.18	22.70	R 8.23
1987	—	1.65	1.65	5.23	R 5.81	4.12	11.33	7.56	2.77	6.97	R 5.60	0.92	2.02	R 5.08	R 2.44	23.46	R 8.53
1988	—	1.66	1.66	5.46	R 5.85	4.02	11.26	7.90	2.27	6.47	R 5.56	0.96	2.03	R 5.09	R 2.15	22.87	R 8.68
1989	—	R 1.64	R 1.64	R 5.30	R 6.52	4.61	12.19	8.50	2.64	7.03	R 6.12	0.70	R e 1.26	R e 5.30	R 2.17	24.39	R e 9.32
1990	—	R 1.76	R 1.76	R 5.48	R 7.94	5.83	12.39	9.53	2.88	7.45	R 7.16	0.62	R 1.24	R 5.88	R 2.12	25.93	R 10.35
1991	—	R 1.75	R 1.75	R 5.38	R 7.46	5.00	R 13.96	10.01	2.21	6.70	6.97	0.61	R 1.22	R 5.72	R 1.84	27.94	R 10.62
1992	—	1.74	1.74	R 5.31	R 6.87	4.63	R 11.66	9.83	2.33	7.39	R 6.91	0.50	R 1.15	R 5.63	R 1.91	28.32	R 10.25
1993	—	R 1.70	R 1.70	R 5.68	R 6.79	4.36	R 11.69	9.47	2.57	7.59	R 6.92	0.49	R 1.15	R 5.75	R 1.99	29.25	R 10.42
1994	—	R 1.69	R 1.69	R 5.85	R 6.68	4.08	R 12.58	9.59	2.59	8.55	R 7.10	0.49	R 1.11	R 5.88	R 1.90	29.33	R 10.69
1995	—	1.69	1.69	R 5.24	R 6.61	4.06	R 12.53	10.26	R 2.67	8.34	R 7.74	0.42	R 1.23	R 5.95	R 1.75	29.66	R 11.03
1996	—	1.70	1.70	R 5.99	R 7.65	4.99	R 13.54	10.63	3.10	7.79	8.29	0.40	R 1.25	R 6.41	R 2.02	29.69	R 11.36
1997	—	1.71	1.71	R 6.29	R 7.48	4.61	R 15.00	10.73	R 2.67	7.41	R 7.87	R 0.46	R 1.01	R 6.35	R 2.11	30.70	R 11.64
1998	—	R 1.69	R 1.69	R 6.22	R 6.41	3.45	R 13.66	9.08	R 1.96	6.43	R 6.50	R 0.45	R 0.99	R 5.58	R 1.80	28.09	R 10.74
1999	—	R 1.75	R 1.75	R 5.96	R 6.77	4.01	R 13.30	10.04	R 2.41	6.88	R 7.43	R 0.44	R 1.09	R 6.06	R 1.94	26.33	R 10.80
2000	—	R 1.75	R 1.75	R 7.45	R 9.91	6.86	R 16.25	12.96	R 3.96	8.49	R 10.27	0.44	R 1.33	R 8.03	R 2.61	27.82	R 13.01
2001	—	1.68	1.68	8.80	9.34	5.80	16.92	12.14	4.21	7.92	9.75	0.40	1.06	8.15	2.44	33.74	14.18
	Expenditures in Million Nominal Dollars																
1970	—	11.7	11.7	234.1	461.9	33.3	15.9	743.8	210.9	71.6	1,537.4	2.7	12.4	1,798.1	-112.4	612.8	2,298.5
1975	—	38.5	38.5	441.3	934.7	95.0	32.2	1,357.3	808.9	97.6	3,325.6	7.5	12.8	3,825.8	-524.9	1,401.0	4,701.9
1980	—	44.5	44.5	901.9	1,504.7	315.8	51.7	2,619.1	1,306.9	244.7	6,042.8	14.3	42.6	7,046.1	-1,191.4	2,398.4	8,253.1
1985	—	R 222.0	R 222.0	1,395.1	R 1,677.7	238.4	74.5	2,644.5	915.4	257.4	R 5,807.9	39.1	42.2	R 7,599.9	R -1,104.1	3,166.1	R 9,661.9
1986	—	R 181.7	R 181.7	1,203.3	R 1,333.9	163.4	86.4	2,147.7	721.3	208.7	R 4,661.3	22.6	37.7	R 6,184.7	R -775.9	3,101.8	R 8,510.5
1987	—	R 194.5	R 194.5	1,215.6	R 1,426.7	182.9	109.2	2,289.8	661.9	207.1	R 4,877.6	10.9	29.4	R 6,429.0	R -883.4	3,392.7	R 8,938.4
1988	—	193.5	193.5	1,174.4	R 1,392.1	212.1	R 97.5	2,462.5	548.3	194.2	R 4,906.8	11.3	30.8	R 6,375.8	R -763.1	3,489.7	R 9,102.4
1989	—	R 199.8	R 199.8	R 1,371.7	R 1,663.2	260.8	115.3	2,602.4	R 632.1	193.1	R 5,466.9	22.4	R e 43.0	R e 7,146.4	R -928.4	3,801.7	R e 10,019.7
1990	—	R 201.2	R 201.2	R 1,493.3	R 1,784.6	323.3	118.1	2,810.2	R 579.0	204.2	R 5,819.4	33.3	R 46.3	R 7,631.7	R -869.5	4,020.9	R 10,783.1
1991	—	R 206.2	R 206.2	R 1,519.2	R 1,625.5	264.2	R 96.8	2,865.2	R 424.3	205.8	R 5,481.9	28.3	R 48.4	R 7,319.8	R -760.8	4,271.1	R 10,830.1
1992	—	R 194.4	R 194.4	R 1,819.8	R 1,590.5	206.1	R 79.0	2,863.8	R 400.8	213.8	R 5,354.0	25.0	R 48.3	R 7,466.2	R -768.7	4,347.5	R 11,044.9
1993	—	R 169.7	R 169.7	R 1,976.8	R 1,522.2	190.6	R 88.6	2,789.7	R 392.5	214.6	R 5,198.2	22.3	R 50.5	R 7,442.7	R -739.3	4,519.4	R 11,222.8
1994	—	R 172.1	R 172.1	R 2,221.2	R 1,490.7	171.9	R 94.0	2,852.0	R 341.6	206.3	R 5,156.5	19.6	R 52.9	R 7,643.6	R -721.2	4,612.1	R 11,534.5
1995	—	R 178.1	R 178.1	R 2,044.0	R 1,436.3	152.7	97.3	3,144.9	R 233.2	212.5	R 5,277.0	19.9	R 59.8	R 7,603.4	R -667.7	4,707.0	R 11,642.7
1996	—	R 193.2	R 193.2	R 2,309.3	R 1,535.2	194.6	R 125.4	3,315.0	R 300.4	281.0	R 5,751.4	22.4	R 62.5	R 8,359.5	R -755.3	4,791.3	R 12,395.5
1997	—	R 210.3	R 210.3	R 2,573.7	R 1,505.3	190.7	114.4	3,405.8	R 376.3	273.9	R 5,866.3	R 20.7	R 47.1	R 8,742.0	R -921.4	4,992.6	R 12,813.2
1998	—	R 185.3	R 185.3	R 2,270.1	R 1,226.3	151.3	97.2	2,948.1	R 316.2	243.2	R 4,982.4	R 26.9	R 43.9	R 7,527.7	R -820.1	4,659.2	R 11,366.9
1999	—	R 198.2	R 198.2	R 2,138.3	R 1,292.7	183.6	R 110.4	3,319.6	R 291.9	266.2	R 5,464.5	R 21.0	R 47.1	R 7,894.5	R -780.8	4,439.5	R 11,553.1
2000	—	R 200.8	R 200.8	R 2,645.4	R 2,136.2	319.1	171.3	4,391.8	R 414.4	365.5	R 7,798.4	R 25.3	R 61.2	R 10,749.4	R -1,014.6	4,914.0	R 14,648.8
2001	—	183.2	183.2	3,176.4	2,100.1	230.3	178.0	4,134.0	433.1	318.8	7,394.4	21.6	47.8	10,832.1	-937.2	6,061.8	15,956.7

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Massachusetts

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.05	1.90	1.49	1.62	3.04	1.52	0.56	1.60	8.59	2.22
1975	2.62	3.14	2.85	3.16	4.92	2.89	1.11	2.94	15.30	4.19
1980	4.47	5.33	7.05	8.15	8.99	7.10	2.85	6.19	22.18	8.40
1985	4.39	7.65	8.10	7.72	11.43	R 8.19	3.22	R 7.72	26.16	R 10.63
1986	4.19	7.23	6.22	5.65	9.01	R 6.29	2.58	R 6.54	24.38	R 9.40
1987	3.85	6.45	6.10	5.80	10.88	R 6.28	2.46	R 6.23	25.52	R 9.44
1988	3.99	6.28	6.22	5.23	10.95	R 6.38	R 2.49	6.21	24.88	R 9.47
1989	3.96	6.91	7.01	5.22	12.96	R 7.24	2.75	6.95	26.70	R 10.29
1990	4.21	R 7.55	8.21	6.28	13.36	R 8.39	2.83	R 7.77	28.31	R 11.40
1991	4.07	R 7.80	7.80	5.53	14.73	R 8.04	R 2.71	7.67	30.47	R 11.82
1992	3.94	R 7.62	7.00	4.78	12.29	R 7.15	R 2.48	R 7.15	31.11	R 11.09
1993	3.96	R 8.00	6.79	4.97	12.32	R 6.97	2.42	R 7.24	32.25	R 11.37
1994	4.07	8.73	6.59	5.05	14.23	R 6.86	2.35	R 7.50	32.49	R 11.73
1995	4.01	8.81	6.39	4.68	14.34	R 6.72	2.30	R 7.40	32.99	R 12.06
1996	4.19	8.66	7.39	6.17	15.42	R 7.82	2.64	7.93	32.97	R 12.55
1997	4.14	R 9.25	7.27	5.72	16.07	R 7.71	2.62	R 8.26	33.97	R 13.14
1998	4.10	R 9.28	6.19	4.50	15.03	6.62	R 2.27	R 7.73	31.06	R 12.51
1999	4.06	R 8.72	6.33	4.42	15.22	R 6.76	2.34	R 7.55	29.57	R 12.05
2000	4.12	R 9.49	9.64	10.34	18.33	R 10.11	3.51	R 9.59	30.87	R 13.64
2001	4.05	12.25	9.24	10.10	19.63	9.72	3.35	10.63	36.59	15.64
	Expenditures in Million Nominal Dollars									
1970	2.6	158.6	334.9	13.2	10.7	358.9	2.1	522.1	273.7	795.8
1975	1.8	284.4	628.7	10.6	18.4	657.7	4.4	948.3	555.7	1,504.0
1980	2.2	511.9	932.9	14.9	22.3	970.1	35.5	1,519.7	875.7	2,395.4
1985	R 3.1	765.7	R 946.8	25.3	42.1	R 1,014.1	34.0	R 1,817.0	1,151.9	R 2,968.9
1986	R 1.8	758.4	R 746.4	16.0	37.3	R 799.7	R 26.6	R 1,586.5	1,131.8	R 2,718.3
1987	R 1.3	696.2	R 754.2	17.4	54.1	R 825.7	18.5	R 1,541.7	1,260.4	R 2,802.0
1988	R 1.4	702.8	R 768.3	8.9	53.4	R 830.6	19.4	R 1,554.3	1,317.0	R 2,871.3
1989	R 1.2	799.5	R 932.0	8.0	75.7	R 1,015.7	22.2	R 1,838.6	1,437.0	R 3,275.7
1990	R 1.3	835.2	R 981.9	5.8	65.8	R 1,053.5	31.0	R 1,921.0	1,504.9	R 3,426.0
1991	R 0.5	835.0	R 874.9	4.7	65.4	R 945.1	R 31.3	R 1,811.8	1,599.2	R 3,410.9
1992	1.0	947.8	R 891.3	7.0	54.3	R 952.6	R 30.1	R 1,931.5	1,651.9	R 3,583.4
1993	R 0.8	1,009.8	R 866.0	7.0	59.7	R 932.8	30.1	R 1,973.5	1,737.1	R 3,710.6
1994	0.3	1,069.6	R 843.5	6.3	71.9	R 921.6	28.7	R 2,020.3	1,779.1	R 3,799.4
1995	0.3	956.4	R 746.8	3.5	75.4	R 825.6	31.2	R 1,813.6	1,800.2	R 3,613.7
1996	0.4	1,015.6	R 790.3	5.2	95.8	R 891.3	35.7	R 1,943.0	1,828.6	R 3,771.6
1997	0.3	1,059.1	R 776.1	6.1	93.8	R 876.1	23.1	R 1,958.6	1,886.3	R 3,844.9
1998	0.3	961.4	R 612.5	5.0	80.3	R 697.8	18.1	R 1,677.7	1,736.8	R 3,414.5
1999	R 0.5	977.8	R 657.2	4.5	83.8	R 745.4	19.9	R 1,743.7	1,754.8	R 3,498.5
2000	0.2	1,130.5	R 1,147.7	R 11.2	124.5	R 1,283.4	31.3	R 2,445.4	1,850.0	R 4,295.4
2001	0.2	1,364.9	1,200.4	11.3	121.2	1,332.9	25.5	2,723.5	2,242.6	4,966.2

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Massachusetts

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.89	1.40	1.10	0.81	1.54	2.86	0.37	0.72	0.56	0.83	8.05	1.64
1975	2.62	2.64	2.44	2.62	2.84	4.73	1.89	2.22	1.11	2.32	14.39	4.51
1980	1.67	4.65	6.36	6.12	5.52	9.69	3.81	5.37	2.85	5.02	22.08	9.31
1985	2.39	6.88	6.72	7.72	12.89	9.18	4.31	R 6.03	3.22	R 6.28	25.20	R 12.66
1986	2.55	6.49	4.57	5.65	11.81	7.25	2.46	R 4.04	2.58	R 4.97	23.40	R 11.05
1987	2.35	5.75	4.72	5.80	11.81	7.56	2.93	R 4.35	2.46	R 4.93	23.49	R 11.51
1988	2.50	5.93	4.51	5.23	11.65	7.90	2.36	R 3.96	2.49	R 4.78	22.72	R 11.08
1989	2.57	R 5.66	5.38	5.22	10.96	8.50	2.69	R 4.65	2.75	R 5.04	24.05	R 11.39
1990	2.62	R 6.13	6.38	6.28	11.34	9.53	3.05	R 5.18	2.83	R 5.53	25.44	R 12.36
1991	2.68	5.94	5.73	5.53	12.54	10.01	2.28	R 4.65	2.62	R 5.14	27.37	R 12.31
1992	2.64	R 5.64	5.33	4.78	10.46	9.83	2.27	R 4.43	2.41	R 4.99	27.57	R 12.30
1993	2.32	R 5.80	5.16	4.97	10.52	9.47	2.46	R 4.50	2.36	R 5.16	28.65	R 13.28
1994	2.23	6.66	5.20	5.05	10.32	9.59	2.51	R 4.42	2.29	R 5.74	28.91	R 13.20
1995	2.26	6.42	4.90	4.68	10.59	10.26	2.86	R 4.35	2.30	5.53	29.37	R 13.23
1996	2.30	6.57	5.83	6.17	11.73	10.63	3.41	5.25	2.64	6.08	29.39	R 13.54
1997	2.53	R 7.20	5.45	5.72	11.55	10.73	3.01	4.90	2.62	R 6.45	30.38	R 13.96
1998	2.29	R 7.21	4.27	4.50	10.31	9.08	2.22	R 4.01	2.25	R 6.16	27.64	R 13.78
1999	R 2.31	R 7.20	4.63	4.42	10.34	10.04	2.46	R 4.35	2.03	R 6.20	25.55	R 14.29
2000	R 2.00	R 8.24	7.81	10.34	13.24	12.96	4.43	R 7.48	2.94	R 7.87	27.06	R 15.92
2001	2.06	10.92	6.90	10.10	13.69	12.14	4.33	7.04	2.54	9.56	33.08	20.70
	Expenditures in Million Nominal Dollars											
1970	1.7	50.1	86.4	0.5	1.0	1.5	35.0	124.4	(s)	176.3	213.6	389.9
1975	4.2	100.1	187.9	0.7	1.9	2.7	108.6	301.8	0.1	406.2	559.7	965.8
1980	3.1	252.5	278.0	1.0	2.4	9.7	116.3	407.5	0.9	664.0	983.0	1,646.9
1985	R 6.1	291.5	R 249.4	4.7	8.4	9.1	85.6	R 357.2	0.9	R 655.6	1,338.2	R 1,993.8
1986	R 3.7	290.4	R 197.9	9.3	8.6	7.2	53.0	R 276.1	0.8	R 571.0	1,322.1	R 1,893.1
1987	R 2.6	275.4	R 190.9	1.6	10.4	7.7	52.4	R 263.0	0.6	R 541.6	1,415.8	R 1,957.4
1988	R 3.2	298.9	R 191.5	2.1	10.0	7.6	50.8	R 261.9	0.7	R 564.7	1,452.2	R 2,016.9
1989	R 2.9	302.4	R 269.7	1.9	11.3	8.4	R 64.8	R 356.1	0.8	R 662.2	1,585.9	R 2,248.1
1990	R 3.3	321.4	R 275.5	4.5	9.9	3.4	R 85.8	R 379.1	2.0	R 705.8	1,694.3	R 2,400.1
1991	1.5	328.2	R 294.1	6.3	9.8	9.6	R 65.0	R 384.8	2.0	R 716.5	1,813.6	R 2,530.1
1992	R 3.1	377.1	R 241.3	2.0	8.2	8.5	R 52.3	R 312.2	2.0	R 694.4	1,840.4	R 2,534.8
1993	R 2.0	395.2	R 202.9	3.2	9.0	2.6	R 39.6	R 257.3	2.5	R 657.0	1,923.1	R 2,580.1
1994	1.0	576.5	R 187.0	2.9	9.2	2.8	R 46.6	R 248.5	2.5	R 828.5	1,982.9	R 2,811.4
1995	1.3	542.2	R 184.8	2.9	9.8	3.5	R 55.2	R 256.3	2.4	R 802.1	2,029.9	R 2,832.0
1996	1.7	648.3	R 191.4	1.6	12.9	3.6	R 52.1	R 261.6	2.9	R 914.5	2,077.2	R 2,991.8
1997	1.6	776.7	R 180.3	1.5	11.9	2.7	R 42.4	R 238.8	2.5	R 1,019.6	2,198.0	R 3,217.6
1998	R 1.5	659.5	R 134.4	1.8	9.7	3.1	R 19.8	R 168.9	2.2	R 832.0	2,053.4	R 2,885.4
1999	R 2.1	497.0	R 103.4	5.6	10.0	3.3	R 18.3	R 140.6	2.6	R 642.3	1,901.8	R 2,544.1
2000	0.8	549.3	R 236.9	R 6.3	15.9	18.9	R 38.7	R 316.6	4.0	R 870.6	2,164.0	R 3,034.6
2001	0.8	703.7	169.6	9.0	14.9	5.3	14.2	213.0	3.1	920.6	2,869.8	3,790.4

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Massachusetts

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.89	0.89	1.03	0.63	0.74	0.81	1.54	5.08	2.86	0.42	1.86	0.60	1.42	0.67	4.88	1.06
1975	—	2.62	2.62	2.28	1.95	2.36	2.62	2.84	7.48	4.73	2.06	3.28	2.25	1.42	2.23	11.21	3.36
1980	—	1.67	1.67	4.09	3.73	5.59	6.12	5.52	14.36	9.69	4.14	8.66	5.92	1.43	5.02	18.21	8.15
1985	—	2.39	2.39	5.24	5.21	6.62	6.88	12.89	17.61	9.18	4.31	9.25	R 5.84	1.43	5.38	20.47	R 8.44
1986	—	2.55	2.55	4.88	4.87	4.35	5.54	11.81	15.59	7.25	2.46	6.58	R 3.68	1.51	3.75	19.18	R 6.47
1987	—	2.35	2.35	4.13	3.57	4.84	4.46	11.81	13.58	7.56	2.93	7.32	4.62	1.51	R 4.29	20.32	R 7.35
1988	—	2.50	2.50	3.91	3.38	4.70	4.34	11.65	14.62	7.90	2.36	6.31	4.63	1.51	R 4.16	19.94	R 7.91
1989	—	2.57	R 2.57	3.93	3.20	5.00	5.36	10.96	14.48	8.50	2.69	7.21	R 5.01	R d 1.45	R d 4.46	21.40	R d 8.65
1990	—	2.62	R 2.62	4.00	3.36	6.71	6.75	11.34	14.60	9.53	3.05	7.46	R 6.03	R 1.52	R 5.06	23.13	R 9.43
1991	—	2.68	R 2.68	3.84	3.05	5.41	5.42	12.54	16.80	10.01	2.28	6.97	R 5.42	R 1.58	R 4.47	24.98	R 9.38
1992	—	2.64	R 2.64	R 3.98	2.79	5.13	4.71	10.46	18.32	9.83	2.27	7.55	R 5.27	R 1.46	R 4.43	25.21	R 8.58
1993	—	2.32	R 2.32	R 4.88	3.30	5.32	4.49	10.52	18.96	9.47	2.46	6.84	R 4.91	R 1.51	R 4.81	25.39	R 8.84
1994	—	2.23	R 2.23	R 5.13	3.65	5.43	4.78	8.41	19.11	9.59	2.51	6.92	R 5.40	R 1.74	R 5.14	24.80	R 9.48
1995	—	2.26	R 2.26	4.32	3.78	5.48	4.41	7.50	19.41	10.26	2.86	7.21	6.03	R 1.70	R 4.88	24.65	R 9.58
1996	—	2.30	R 2.30	R 5.23	3.80	6.58	5.36	8.51	20.08	10.63	3.41	6.63	R 6.29	R 1.73	R 5.61	24.71	R 9.86
1997	—	2.53	2.53	5.67	4.01	6.45	5.09	12.34	17.98	10.73	3.01	6.09	R 6.02	R 1.75	R 5.72	25.73	R 10.07
1998	—	2.29	R 2.29	R 5.61	3.68	5.63	3.49	8.97	19.07	9.08	2.22	4.43	R 4.89	R 1.98	R 5.22	23.98	R 9.47
1999	—	R 2.31	R 2.31	R 4.98	3.65	5.67	3.07	9.04	16.75	10.04	2.46	5.73	R 5.83	R 1.98	R 5.24	22.08	R 8.65
2000	—	R 2.00	R 2.00	7.17	4.82	7.82	6.55	12.09	17.99	12.96	4.43	R 8.02	R 7.60	R 1.97	R 7.23	24.03	R 10.75
2001	—	2.06	2.06	8.95	4.88	6.70	6.62	12.78	19.00	12.14	4.33	6.83	7.02	1.97	8.00	29.68	11.66
	Expenditures in Million Nominal Dollars																
1970	—	3.2	3.2	23.5	12.0	12.5	2.5	4.0	15.6	1.7	68.1	11.2	127.6	10.3	164.5	123.4	288.0
1975	—	6.9	6.9	55.0	23.7	36.5	3.4	11.6	16.0	2.0	205.3	19.6	318.1	8.4	388.4	280.3	668.7
1980	—	4.0	4.0	120.2	30.5	61.5	12.0	26.5	32.9	4.6	69.3	100.5	337.7	6.2	468.2	527.3	995.5
1985	—	10.4	10.4	177.8	36.4	R 44.9	2.0	20.8	36.7	17.7	227.8	100.5	R 486.8	7.3	R 682.3	660.4	R 1,342.7
1986	—	7.2	7.2	119.7	36.0	R 44.2	1.1	37.8	31.8	14.4	210.0	69.3	R 444.6	10.3	R 581.7	633.5	R 1,215.2
1987	—	9.8	9.8	145.1	35.0	R 124.4	1.1	42.5	31.3	15.5	131.4	77.6	R 458.7	10.3	R 623.9	696.2	R 1,320.1
1988	—	8.8	8.8	127.3	39.6	R 76.9	1.2	31.5	32.5	17.3	54.2	65.4	R 318.4	10.7	R 465.2	697.0	R 1,162.2
1989	—	7.3	R 7.3	144.8	30.3	R 82.2	1.7	25.8	33.0	21.2	R 57.4	72.8	R 324.5	R d 5.0	R d 481.6	758.0	R d 1,239.6
1990	—	4.8	R 4.8	183.5	29.9	R 101.0	0.7	40.0	34.2	20.7	R 50.0	82.5	R 359.0	R 2.0	R 549.3	801.6	R 1,350.9
1991	—	5.7	R 5.7	218.5	40.0	R 43.6	0.6	18.3	35.2	17.4	R 20.0	73.8	R 249.0	R 2.0	R 475.2	834.7	R 1,309.9
1992	—	10.2	R 10.2	293.4	29.0	R 64.5	2.5	14.1	39.2	17.3	R 30.7	84.2	R 281.3	R 2.1	R 587.0	831.3	R 1,418.3
1993	—	6.7	R 6.7	R 361.1	31.8	R 46.4	0.4	17.4	41.3	8.7	R 54.0	76.6	R 276.6	R 1.9	R 646.3	832.1	R 1,478.5
1994	—	3.6	R 3.6	R 343.6	21.5	R 39.4	0.5	10.2	43.5	17.4	R 42.5	75.5	R 250.4	R 3.4	R 601.1	821.5	R 1,422.6
1995	—	2.4	R 2.4	R 281.4	31.4	R 40.8	0.9	10.5	43.4	20.0	R 26.2	73.6	R 246.8	R 4.1	R 534.7	843.1	R 1,377.8
1996	—	2.2	R 2.2	R 332.0	32.1	R 46.7	0.4	15.2	43.6	20.6	R 36.2	140.4	R 335.2	R 4.3	R 673.7	850.4	R 1,524.2
1997	—	2.3	2.3	R 374.7	24.4	R 42.5	0.6	7.3	41.2	21.9	R 32.6	145.3	R 315.7	R 4.4	R 697.0	871.7	R 1,568.7
1998	—	2.0	R 2.0	R 358.7	20.5	R 33.1	0.5	6.0	45.8	15.0	R 24.9	110.0	R 255.6	R 3.2	R 619.4	835.4	R 1,454.8
1999	—	1.9	R 1.9	R 412.2	23.4	R 40.2	0.4	11.4	40.6	15.5	R 13.9	137.5	R 283.0	R 3.3	R 700.3	750.7	R 1,451.1
2000	—	3.0	R 3.0	R 560.7	57.4	R 43.0	0.4	28.4	43.0	20.7	R 30.6	R 188.2	R 411.7	R 3.1	R 978.5	863.5	R 1,842.0
2001	—	3.0	3.0	759.9	58.8	50.1	1.2	39.7	41.6	57.7	58.6	141.5	449.1	3.0	1,215.1	914.5	2,129.6

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Massachusetts

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.89	—	2.17	1.35	0.75	1.54	5.08	2.86	0.34	2.37	2.37	5.66	2.38
1975	2.62	—	3.45	2.90	2.09	2.84	7.48	4.73	1.72	4.24	4.24	14.77	4.25
1980	—	—	9.02	7.40	6.51	5.52	14.36	9.69	3.22	9.01	9.01	21.74	9.03
1985	—	—	9.99	9.24	6.04	R 13.07	17.61	9.18	3.77	8.84	8.84	23.83	8.87
1986	—	—	8.41	7.07	4.18	R 11.91	15.59	7.25	2.09	6.93	6.93	22.13	6.95
1987	—	—	7.55	6.82	4.12	R 11.82	13.58	7.56	2.55	7.09	7.09	30.14	7.13
1988	—	—	7.41	6.90	4.02	R 11.60	14.62	7.90	2.00	7.28	7.28	28.58	7.32
1989	—	—	8.28	7.43	4.61	R 10.90	14.48	8.50	2.33	7.78	7.78	30.55	7.82
1990	—	3.47	9.32	9.37	5.83	R 11.35	14.60	9.53	2.44	8.89	8.89	31.94	8.93
1991	—	3.75	8.71	9.22	5.00	R 13.06	16.80	10.01	1.94	9.22	9.22	34.15	9.27
1992	—	R 3.51	8.54	8.78	4.63	R 10.81	18.32	9.83	2.11	9.11	9.11	33.04	9.16
1993	—	R 4.78	8.24	8.66	4.36	R 10.97	18.96	9.47	2.37	8.83	8.83	35.78	8.88
1994	—	R 2.27	7.96	8.48	4.08	R 8.60	19.11	9.59	2.53	8.88	8.88	36.93	8.94
1995	—	4.11	8.36	8.78	4.06	R 8.89	19.41	10.26	2.60	9.52	9.52	41.95	9.58
1996	—	4.40	9.29	9.76	4.99	R 9.29	20.08	10.63	3.01	9.82	9.82	42.60	9.88
1997	—	3.63	9.39	9.49	4.61	R 8.28	17.98	10.73	R 2.59	R 9.85	R 9.85	42.46	9.91
1998	—	R 2.37	8.11	8.42	3.45	R 7.27	19.07	9.08	1.85	8.48	8.48	42.06	8.54
1999	—	R 4.39	8.81	8.91	4.01	R 9.22	16.75	10.04	2.48	9.30	9.30	40.25	9.36
2000	—	R 2.60	R 10.87	11.86	6.86	R 12.74	17.99	12.96	R 3.73	R 12.15	12.14	44.90	12.20
2001	—	6.58	11.01	10.96	5.80	14.37	19.00	12.14	3.77	11.41	11.41	41.57	11.47
	Expenditures in Million Nominal Dollars												
1970	(s)	—	3.0	25.2	33.3	0.2	13.6	740.6	7.0	822.8	822.8	2.0	824.8
1975	(s)	—	4.0	75.8	94.4	0.3	19.6	1,352.5	11.3	1,558.0	1,558.0	5.3	1,563.3
1980	—	—	12.5	211.1	315.5	0.5	40.4	2,604.7	18.2	3,202.9	3,202.9	12.4	3,215.3
1985	—	—	6.8	R 408.9	238.4	R 3.3	45.0	2,617.7	20.7	R 3,340.8	R 3,340.8	15.7	R 3,356.5
1986	—	—	6.2	R 324.2	163.4	2.7	39.0	2,126.1	8.0	R 2,669.5	R 2,669.5	14.4	R 2,683.9
1987	—	—	4.7	R 336.2	182.9	2.2	38.4	2,266.6	7.4	R 2,838.4	R 2,838.4	20.5	R 2,858.9
1988	—	—	4.8	R 323.0	212.1	2.6	39.9	2,437.7	8.5	R 3,028.5	R 3,028.5	23.5	R 3,052.0
1989	—	—	4.9	R 336.8	260.8	2.5	40.5	2,572.8	R 17.2	R 3,235.5	R 3,235.5	20.8	R 3,256.4
1990	—	(s)	4.5	R 406.9	323.3	2.4	42.0	2,786.1	R 20.9	R 3,586.2	R 3,586.2	20.0	R 3,606.2
1991	—	(s)	2.0	R 399.3	264.2	R 3.2	43.2	2,838.2	5.4	R 3,555.6	R 3,555.6	23.7	R 3,579.2
1992	—	R 0.1	1.9	R 382.1	206.1	R 2.5	48.1	2,838.1	R 5.7	R 3,484.5	R 3,484.6	23.9	R 3,508.4
1993	—	R 0.2	3.5	R 395.5	190.6	R 2.4	50.7	2,778.4	R 5.1	R 3,426.4	R 3,426.5	27.0	R 3,453.5
1994	—	R 0.1	2.9	R 404.1	171.9	R 2.8	53.4	2,831.7	R 5.8	R 3,472.4	R 3,472.5	28.6	R 3,501.1
1995	—	R 0.2	3.6	R 449.2	152.7	1.6	53.3	3,121.5	3.3	R 3,785.1	R 3,785.3	33.8	R 3,819.2
1996	—	R 0.3	4.2	R 490.3	194.6	1.5	53.5	3,290.7	R 37.9	R 4,072.7	R 4,073.0	35.1	R 4,108.1
1997	—	R 0.5	4.1	R 494.5	190.7	R 1.4	50.6	3,381.2	R 22.5	R 4,144.9	R 4,145.4	36.6	R 4,182.0
1998	—	R 0.2	3.6	R 435.8	151.3	R 1.2	56.2	2,930.0	R 0.3	R 3,578.4	R 3,578.6	33.6	R 3,612.2
1999	—	R 0.5	4.3	R 482.8	183.6	R 5.2	49.9	3,300.8	R 0.3	R 4,026.9	R 4,027.3	32.1	R 4,059.4
2000	—	R 0.3	R 6.3	R 694.3	319.1	R 2.6	52.8	4,352.3	R 12.6	R 5,440.0	R 5,440.3	36.6	R 5,476.9
2001	—	0.9	4.4	669.1	230.3	2.1	51.1	4,071.0	6.8	5,034.8	5,035.7	34.9	5,070.6

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Massachusetts (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.31	0.33	0.38	0.43	—	0.38	0.20	—	—	—	0.37
1975	1.31	1.32	1.93	2.17	—	1.93	0.18	—	—	—	1.66
1980	1.95	3.40	3.84	6.00	—	3.86	0.41	—	—	—	3.41
1985	1.97	3.41	3.91	5.80	—	3.97	0.60	—	6.36	—	2.88
1986	1.78	2.27	2.24	3.54	—	2.27	0.88	—	6.31	—	2.18
1987	1.61	2.40	2.71	3.22	—	2.73	0.92	—	6.11	—	2.44
1988	1.61	2.22	2.26	3.63	—	2.32	0.96	—	6.02	—	2.15
1989	1.60	2.37	2.64	4.22	—	2.72	0.70	0.67	6.05	—	2.17
1990	1.73	2.40	2.86	5.41	—	2.92	0.62	0.46	5.84	—	2.12
1991	1.73	2.18	2.20	4.58	—	2.25	0.61	0.50	4.60	—	1.84
1992	1.69	2.59	2.36	4.28	—	2.39	0.50	0.51	4.37	—	1.91
1993	1.68	2.63	2.61	4.14	—	2.65	0.49	0.55	4.01	—	1.99
1994	1.68	2.24	2.62	3.95	—	2.68	0.49	0.56	4.09	—	1.90
1995	1.68	2.01	2.58	3.72	—	2.66	0.42	0.70	4.04	—	1.75
1996	1.69	2.96	2.99	4.68	—	3.08	0.40	0.59	3.82	—	2.02
1997	1.70	3.01	2.60	4.48	—	2.65	0.46	0.50	3.77	—	2.11
1998	1.68	2.74	1.92	3.22	—	1.95	0.45	0.61	4.01	—	1.80
1999	1.73	2.65	2.41	2.65	—	2.41	0.44	0.67	4.92	—	1.94
2000	1.75	4.44	3.88	6.52	—	3.95	0.44	0.67	3.04	3.52	2.61
2001	1.67	3.47	4.20	5.81	—	4.24	0.40	0.47	3.29	—	2.44
	Expenditures in Million Nominal Dollars										
1970	4.2	1.9	100.8	2.9	—	103.7	2.7	—	—	—	112.4
1975	25.6	1.9	483.6	6.3	—	490.0	7.5	—	—	—	524.9
1980	35.2	17.3	1,103.1	21.5	—	1,124.6	14.3	—	—	—	1,191.4
1985	202.4	160.1	581.3	27.8	—	609.0	39.1	—	93.6	—	1,104.1
1986	169.0	34.7	450.3	21.1	—	471.5	22.6	—	78.1	—	775.9
1987	180.8	98.9	470.7	21.1	—	491.8	10.9	—	100.9	—	883.4
1988	180.0	45.4	434.9	32.4	—	467.3	11.3	—	59.0	—	763.1
1989	188.4	125.0	492.7	42.4	—	535.1	22.4	15.0	42.5	—	928.4
1990	191.8	153.1	422.3	19.3	—	441.7	33.3	11.3	38.3	—	869.5
1991	198.6	137.6	333.9	13.6	—	347.5	28.3	13.0	35.8	—	760.8
1992	180.1	201.4	312.1	11.3	—	323.4	25.0	14.1	24.8	—	768.7
1993	160.2	210.5	293.8	11.3	—	305.1	22.3	16.0	25.2	—	739.3
1994	167.1	231.4	246.8	16.6	—	263.4	19.6	18.3	21.4	—	721.2
1995	174.0	263.9	148.5	14.7	—	163.2	19.9	22.1	24.7	—	667.7
1996	188.9	313.1	174.1	16.5	—	190.6	22.4	19.5	20.7	—	755.3
1997	206.0	362.8	278.8	12.0	—	290.8	20.7	17.1	24.0	—	921.4
1998	181.5	290.4	271.2	10.5	—	281.7	26.9	20.4	19.2	—	820.1
1999	193.8	250.8	259.4	9.2	—	268.6	21.0	21.2	25.5	—	780.8
2000	196.9	404.6	332.5	14.3	—	346.8	25.3	22.8	18.3	(s)	1,014.6
2001	179.2	347.0	353.5	11.0	—	364.5	21.6	16.2	8.8	—	937.2

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Michigan

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	0.55	0.42	0.44	0.77	1.09	0.74	1.89	2.71	0.59	1.83	2.01	0.36	1.01	1.12	0.38	5.55	1.70
1975	2.07	1.04	1.23	1.42	2.49	2.08	3.76	4.72	1.96	3.57	3.73	0.28	1.29	2.23	R 1.03	9.78	3.33
1980	2.27	1.61	1.71	3.05	6.76	6.38	6.62	10.09	3.90	8.17	8.49	0.49	2.14	4.38	R 1.65	15.40	6.59
1985	2.08	1.90	1.92	5.70	R 7.69	6.09	R 8.98	9.10	4.45	9.85	8.69	0.80	2.24	R 5.18	R 1.73	19.88	R 8.43
1986	1.95	1.83	1.84	5.12	R 5.75	4.20	R 8.46	6.79	2.84	7.42	R 6.56	0.77	1.91	4.29	R 1.68	20.35	7.45
1987	1.85	1.75	1.76	4.96	R 6.05	4.09	R 8.10	7.13	3.00	7.42	R 6.80	0.77	1.89	4.27	R 1.62	19.26	R 7.55
1988	1.73	1.76	1.75	4.80	R 5.76	3.85	R 7.94	7.15	2.86	7.33	R 6.67	0.88	1.90	4.20	1.60	19.39	7.40
1989	1.75	1.72	1.72	R 4.60	R 6.29	4.39	R 9.99	7.77	3.01	R 6.94	R 7.29	0.78	R e 1.48	R e 4.31	R 1.45	19.91	R e 7.64
1990	1.80	1.62	1.63	R 4.16	R 7.40	5.65	R 10.49	8.78	3.00	R 7.33	R 8.22	0.79	R 1.49	R 4.40	R 1.28	20.85	R 7.99
1991	1.72	1.62	1.62	R 4.26	R 6.98	4.94	R 10.37	8.37	R 2.53	R 7.16	R 7.87	0.65	R 1.54	R 4.29	R 1.36	21.18	8.04
1992	—	1.58	1.58	R 4.20	R 6.82	4.57	R 9.74	8.16	R 2.49	R 7.31	R 7.67	0.67	R 1.45	R 4.36	R 1.40	21.24	7.87
1993	1.68	1.55	1.55	R 4.26	R 6.96	4.26	R 9.71	8.09	2.78	R 7.06	R 7.56	0.60	R 1.14	R 4.23	R 1.36	20.98	R 7.95
1994	1.57	1.53	1.53	R 4.24	R 6.96	3.91	R 9.03	8.33	2.77	R 7.28	R 7.68	0.52	R 1.14	R 4.36	R 1.50	20.84	R 7.98
1995	1.57	1.48	1.48	R 3.93	R 6.89	3.93	R 9.09	8.46	2.61	R 7.16	R 7.79	0.65	R 1.22	R 4.18	R 1.36	20.72	R 7.88
1996	1.68	1.43	1.44	R 4.23	R 7.75	4.76	R 10.85	9.20	2.91	R 7.78	R 8.61	0.59	R 1.11	R 4.50	R 1.35	20.86	R 8.32
1997	R 1.75	1.40	1.42	R 4.36	R 7.55	4.56	R 11.05	9.10	3.10	R 6.76	R 8.31	R 0.59	R 1.00	R 4.58	R 1.36	20.68	R 8.37
1998	R 1.67	1.36	R 1.38	R 4.18	R 6.52	3.50	R 9.69	8.06	2.70	R 6.28	R 7.34	R 0.65	R 1.14	R 4.28	R 1.37	20.85	R 8.17
1999	R 1.74	1.33	1.37	R 4.17	R 7.22	3.89	R 9.45	8.66	R 2.60	R 6.41	R 7.85	R 0.60	R 1.23	R 4.47	R 1.37	20.92	R 8.28
2000	R 1.66	R 1.32	1.35	R 4.44	R 9.94	6.51	R 12.62	11.86	R 3.41	R 8.27	R 10.79	R 0.61	R 1.31	R 5.49	R 1.49	20.89	R 9.63
2001	1.73	1.30	1.33	5.02	9.43	5.80	14.06	11.22	3.83	7.94	10.49	0.48	1.34	5.41	1.36	20.50	9.77
	Expenditures in Million Nominal Dollars																
1970	73.4	294.1	367.5	620.2	240.6	30.4	43.9	1,378.2	33.7	196.8	1,923.7	1.5	6.3	R 2,918.9	R -223.3	1,041.7	3,737.3
1975	290.3	634.0	924.3	1,235.6	610.6	66.8	103.9	2,686.4	217.0	329.8	4,014.6	22.2	7.9	R 6,210.8	R -739.2	2,139.6	7,611.2
1980	250.1	1,047.1	1,297.2	2,596.2	1,087.9	236.9	163.6	5,144.7	315.1	1,054.8	8,002.9	85.1	31.9	R 12,105.6	R -1,338.6	3,647.5	14,414.5
1985	149.7	R 1,348.3	R 1,498.1	3,954.1	R 1,164.6	223.6	R 452.8	4,466.4	56.0	715.5	R 7,078.9	115.0	R 36.3	R 12,691.3	R -1,319.1	4,993.3	R 16,365.4
1986	140.3	R 1,352.3	R 1,492.6	3,376.6	R 902.8	167.7	R 475.6	3,423.7	50.6	595.2	R 5,615.5	100.1	34.8	R 10,634.7	R -1,307.4	5,231.3	R 14,558.5
1987	53.0	R 1,421.9	R 1,474.9	3,189.8	R 937.6	191.9	R 515.3	3,714.7	51.2	617.4	R 6,028.1	115.5	R 36.0	R 10,860.5	R -1,426.1	5,127.9	R 14,562.4
1988	38.0	R 1,419.9	R 1,457.9	3,507.2	R 951.9	185.4	R 495.0	3,843.7	74.0	572.4	R 6,122.3	166.8	37.6	R 11,296.4	R -1,450.7	5,397.5	R 15,243.1
1989	44.2	R 1,314.4	R 1,358.5	R 3,526.2	R 960.4	227.7	R 680.4	4,129.1	R 74.8	R 608.9	R 6,681.3	175.9	R e 54.4	R e 11,711.2	R -1,313.2	5,572.4	R e 15,970.3
1990	51.3	R 1,233.5	R 1,284.8	R 3,568.5	R 1,050.2	319.7	R 554.1	4,608.3	R 43.8	R 666.8	R 7,242.9	179.7	R 57.0	R 12,122.1	R -1,209.7	5,797.5	R 16,709.9
1991	26.3	R 1,209.7	R 1,236.0	R 3,662.7	R 1,009.1	283.9	R 592.2	4,457.9	R 23.1	R 690.7	R 7,056.8	184.6	R 62.8	R 12,198.9	R -1,408.7	6,041.5	R 16,831.7
1992	—	R 1,116.0	R 1,116.0	R 3,924.8	R 986.2	260.5	R 581.8	4,342.7	R 22.1	R 716.6	R 6,909.9	132.8	R 62.6	R 12,143.9	R -1,293.1	6,008.5	R 16,859.3
1993	(s)	R 1,110.5	R 1,110.5	R 3,804.3	R 1,139.6	247.7	R 455.1	4,461.9	R 30.6	R 745.2	R 7,080.1	180.3	R 53.0	R 12,261.1	R -1,425.9	6,213.6	R 17,048.8
1994	58.3	R 1,167.0	R 1,225.3	R 3,754.2	R 1,116.0	227.5	R 462.9	4,605.6	R 31.4	R 748.1	R 7,191.4	76.8	R 57.5	R 12,401.7	R -1,465.6	6,423.1	R 17,359.2
1995	59.1	R 1,107.3	R 1,166.4	R 3,711.0	R 1,101.7	196.3	R 472.9	4,875.1	R 23.1	R 784.0	R 7,453.0	167.9	R 72.1	R 12,649.9	R -1,471.2	6,636.4	R 17,815.2
1996	60.0	R 1,086.9	R 1,146.9	R 4,195.4	R 1,297.7	243.9	R 712.2	5,305.6	R 28.5	R 854.8	R 8,442.7	166.2	R 70.9	R 14,048.1	R -1,518.8	6,792.2	R 19,321.5
1997	R 63.6	R 1,042.6	R 1,106.3	R 4,188.8	R 1,305.8	245.0	R 577.9	5,328.9	R 26.2	R 977.9	R 8,461.5	R 134.8	R 57.7	R 13,981.5	R -1,458.6	6,806.0	R 19,328.8
1998	R 79.0	R 1,060.5	R 1,139.5	R 3,560.3	R 1,135.4	178.9	R 457.1	4,826.3	R 30.6	R 884.5	R 7,512.8	R 85.7	R 67.0	R 12,356.4	R -1,400.3	7,081.9	R 18,037.9
1999	128.5	R 1,008.9	R 1,137.4	R 3,854.0	R 1,328.1	201.0	R 522.2	5,464.4	R 36.7	R 916.2	R 8,468.6	R 91.3	R 74.3	R 13,624.8	R -1,420.2	7,353.8	R 19,558.5
2000	R 91.0	R 987.1	R 1,078.1	R 4,142.8	R 1,784.7	266.3	R 739.9	7,300.2	R 44.9	R 1,104.4	R 11,240.4	R 119.6	R 83.7	R 16,658.5	R -1,575.8	7,400.4	R 22,483.1
2001	88.6	968.5	1,057.1	4,439.8	1,620.8	204.5	956.9	6,984.8	33.1	910.4	10,710.5	132.9	75.1	16,388.0	-1,543.5	7,068.3	21,912.7

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Michigan

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.43	1.00	1.23	1.56	2.07	1.35	0.57	1.10	6.99	1.73
1975	3.07	1.58	2.51	3.12	4.29	2.78	1.12	1.92	11.32	3.13
1980	3.70	3.13	7.05	8.43	8.08	7.25	2.87	3.71	16.76	5.53
1985	3.86	6.14	7.66	8.47	9.63	R 8.27	3.24	R 6.37	21.62	8.75
1986	3.45	5.53	6.07	7.50	8.16	R 6.80	2.60	5.64	22.13	R 8.31
1987	3.48	5.29	5.81	7.46	8.10	R 6.76	2.48	5.45	21.45	R 8.23
1988	3.45	5.14	5.81	6.96	7.74	R 6.59	2.50	5.29	21.68	R 8.02
1989	3.46	R 4.95	6.40	7.64	12.10	R 8.91	R 2.76	R 5.44	22.17	8.14
1990	3.39	R 4.81	7.57	9.53	11.37	R 9.31	3.56	R 5.37	22.95	8.46
1991	3.15	R 4.90	7.06	9.71	10.11	8.61	3.41	R 5.35	23.63	R 8.65
1992	3.18	R 4.89	6.53	9.01	9.17	R 7.93	3.12	R 5.21	23.77	R 8.33
1993	3.42	4.87	6.54	6.22	9.27	7.96	3.05	5.23	23.92	8.42
1994	3.37	R 4.81	6.55	8.93	10.15	R 8.63	2.96	R 5.24	24.26	8.58
1995	3.08	R 4.54	6.57	8.79	10.10	R 8.58	2.90	4.98	24.44	R 8.43
1996	3.01	R 4.80	7.47	8.91	11.83	R 10.20	R 3.32	R 5.48	24.83	R 8.77
1997	3.17	5.00	7.20	9.41	11.63	R 9.99	3.31	R 5.63	25.12	R 9.07
1998	3.12	R 4.94	6.14	7.70	9.97	R 8.75	2.87	R 5.42	25.41	R 9.56
1999	3.08	4.92	6.75	7.39	9.79	R 8.76	2.95	R 5.45	25.58	9.40
2000	3.06	4.93	9.62	9.38	12.85	R 11.80	4.43	5.84	24.98	R 9.50
2001	3.11	5.60	9.59	9.85	14.56	13.32	4.22	6.80	24.20	10.39
	Expenditures in Million Nominal Dollars									
1970	16.3	345.1	135.5	4.8	35.2	175.5	1.7	538.6	408.1	946.8
1975	8.6	542.8	284.4	5.3	83.3	373.0	3.2	927.6	806.7	1,734.4
1980	5.8	1,236.0	377.7	4.0	100.1	481.8	20.6	1,744.2	1,273.3	3,017.5
1985	R 5.3	2,143.5	R 276.2	20.4	153.6	R 450.2	23.0	R 2,621.9	1,645.1	R 4,267.0
1986	R 5.1	1,894.5	R 219.1	14.7	149.6	R 383.4	17.9	R 2,301.0	1,738.9	R 4,039.8
1987	R 2.4	1,716.0	R 194.3	13.7	184.0	R 392.1	19.0	R 2,129.5	1,758.7	R 3,888.2
1988	R 3.3	1,861.1	R 207.5	15.8	183.5	R 406.8	20.0	R 2,291.2	1,873.0	R 4,164.2
1989	R 3.2	1,877.1	R 207.1	17.0	318.7	R 542.8	22.9	R 2,445.9	1,915.0	R 4,361.0
1990	R 4.5	1,643.5	R 213.4	11.7	269.5	R 494.6	30.9	R 2,173.6	1,982.5	R 4,156.1
1991	R 3.7	1,709.6	R 187.1	15.4	264.7	R 467.2	R 31.2	2,211.7	2,157.9	R 4,369.7
1992	R 2.7	1,811.9	R 159.8	10.5	243.6	R 413.8	30.0	R 2,258.5	2,081.7	R 4,340.2
1993	R 3.6	1,863.8	R 158.6	12.5	266.7	R 437.8	15.0	R 2,320.2	2,184.5	R 4,504.7
1994	3.6	1,815.6	R 140.2	16.3	291.3	R 447.8	14.3	R 2,281.3	2,249.2	R 4,530.5
1995	2.5	1,793.7	R 146.1	11.6	293.3	R 451.0	15.5	R 2,262.7	2,387.3	R 4,650.0
1996	2.4	1,981.6	R 167.8	11.6	459.8	R 639.2	17.8	R 2,641.1	2,448.3	R 5,089.4
1997	1.6	1,975.2	R 153.6	13.6	427.7	R 594.8	10.5	R 2,582.1	2,461.9	R 5,044.0
1998	1.2	1,652.9	R 95.0	11.9	342.2	R 449.0	R 8.2	R 2,111.4	2,584.2	R 4,695.5
1999	0.2	1,799.3	R 117.7	25.4	381.0	R 524.1	9.1	R 2,332.6	2,676.4	R 5,009.0
2000	0.1	R 1,879.1	R 162.6	R 18.9	513.5	R 695.1	14.3	R 2,588.5	2,617.7	R 5,206.2
2001	0.1	1,983.0	148.3	12.4	728.7	889.4	11.6	2,884.1	2,667.2	5,551.3

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Michigan

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.53	0.83	1.05	0.74	1.39	2.71	0.64	1.23	0.57	0.89	7.12	2.14
1975	1.49	1.45	2.33	2.44	2.51	4.72	1.97	2.69	1.12	1.63	11.41	3.40
1980	1.82	3.13	6.53	6.14	5.16	10.09	3.97	6.86	2.87	3.53	17.60	6.37
1985	2.00	5.61	6.30	8.47	8.66	9.10	4.39	R 6.91	3.24	R 5.67	23.36	R 10.08
1986	1.90	5.03	4.04	7.50	8.58	6.79	3.02	R 4.93	2.60	4.93	24.24	R 10.23
1987	1.73	4.88	4.45	7.46	8.07	7.13	2.90	R 5.64	2.48	4.91	22.31	R 9.09
1988	1.73	4.81	4.35	6.96	8.04	7.15	3.20	R 5.39	2.50	4.82	22.48	R 9.42
1989	1.68	R 4.62	4.77	7.64	8.63	7.77	3.13	R 6.00	1.43	4.71	23.20	R 9.44
1990	1.77	4.43	5.63	9.53	9.74	8.78	3.15	R 7.06	2.01	4.62	24.21	R 10.09
1991	1.78	R 4.54	5.04	9.71	10.55	8.37	2.79	6.93	1.85	R 4.67	24.16	R 10.16
1992	1.73	R 4.49	4.77	9.01	10.16	8.16	2.66	R 6.73	1.66	R 4.61	24.44	R 10.03
1993	1.71	4.50	4.74	6.22	10.34	8.09	2.83	R 6.83	1.48	R 4.57	23.64	R 10.91
1994	1.70	R 4.52	4.50	8.93	8.17	8.33	2.81	R 6.30	1.36	R 4.53	23.44	R 10.86
1995	1.71	R 4.29	4.48	8.79	8.25	8.46	2.57	R 5.97	1.25	R 4.30	23.27	R 10.50
1996	1.70	R 4.59	5.61	8.91	10.02	9.20	2.95	R 7.48	1.36	R 4.70	23.49	R 10.76
1997	1.72	R 4.81	5.16	9.41	10.58	9.10	3.08	R 7.15	1.30	R 4.90	23.19	R 11.01
1998	1.70	R 4.68	4.16	7.70	9.45	8.06	2.91	R 6.46	1.22	R 4.73	23.10	R 11.70
1999	1.69	R 4.68	4.60	7.39	8.84	8.66	2.85	R 6.66	0.92	R 4.75	23.19	R 11.62
2000	1.61	R 4.63	7.41	9.38	11.77	11.86	3.70	R 9.42	1.28	R 4.96	23.36	R 11.76
2001	1.61	5.29	7.05	9.85	13.27	11.22	4.16	10.24	2.76	5.78	22.32	12.04
	Expenditures in Million Nominal Dollars											
1970	4.8	111.4	21.4	1.7	4.2	11.4	2.2	40.9	(s)	157.1	316.4	473.5
1975	9.8	269.8	48.7	3.1	8.6	23.7	4.8	88.9	0.1	368.5	568.1	936.6
1980	10.8	606.7	118.8	0.5	11.3	43.6	5.6	179.8	0.5	797.8	1,006.9	1,804.6
1985	R 9.6	905.1	R 89.9	0.6	24.4	33.4	7.6	R 155.8	0.6	R 1,071.1	1,468.2	R 2,539.3
1986	R 9.4	708.7	R 73.2	0.6	27.8	25.2	4.4	R 131.1	0.6	R 849.8	1,582.9	R 2,432.7
1987	R 3.9	935.4	R 49.9	0.6	32.4	27.2	2.4	R 112.5	0.6	R 1,052.5	1,511.3	R 2,563.8
1988	R 5.9	839.5	R 64.8	0.7	33.6	28.3	3.9	R 131.4	0.7	R 977.5	1,601.0	R 2,578.6
1989	R 5.8	854.5	R 67.2	2.4	40.1	27.4	1.8	R 138.9	1.9	R 1,001.1	1,700.0	R 2,701.2
1990	R 9.4	738.2	R 65.9	1.0	40.7	35.5	1.4	R 144.6	3.0	R 895.2	1,815.9	R 2,711.1
1991	R 9.6	778.1	R 56.8	0.9	48.8	25.8	0.1	R 132.3	3.7	R 923.8	1,875.0	R 2,798.8
1992	R 6.7	808.2	R 48.7	0.3	47.6	23.7	0.2	R 120.5	3.6	R 939.0	1,876.6	R 2,815.6
1993	R 8.2	839.9	R 40.8	0.9	52.5	3.3	0.1	R 97.6	2.7	R 948.4	2,438.9	R 3,387.3
1994	10.3	856.8	R 34.3	1.7	41.4	15.8	0.1	R 93.1	2.7	R 962.9	2,500.5	R 3,463.4
1995	9.3	865.6	R 42.7	5.1	42.3	3.4	0.1	R 93.6	3.7	R 972.2	2,552.9	R 3,525.1
1996	10.0	956.6	R 57.7	7.6	68.7	3.7	0.1	R 137.8	4.5	R 1,108.9	2,636.1	R 3,745.0
1997	7.1	961.3	R 57.6	3.0	68.6	3.6	1.1	R 133.8	4.0	R 1,106.2	2,628.9	R 3,735.1
1998	R 5.4	800.5	R 36.5	2.9	57.2	8.7	(s)	R 105.4	3.5	R 914.8	2,735.5	R 3,650.3
1999	0.7	873.4	R 37.6	1.6	60.7	7.7	R (s)	R 107.6	3.6	R 985.3	2,851.2	R 3,836.6
2000	0.5	R 896.6	R 68.1	R 1.7	83.0	9.8	0.1	R 162.8	4.1	R 1,064.0	2,932.2	R 3,996.2
2001	0.3	947.2	62.7	1.9	117.2	25.3	0.4	207.5	1.4	1,156.5	2,724.8	3,881.3

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Michigan

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	0.55	0.53	0.54	0.53	0.84	0.68	0.74	1.39	5.08	2.71	0.54	1.31	1.29	1.44	0.71	3.74	1.02
1975	2.07	1.49	1.82	1.22	2.12	2.27	2.44	2.51	7.48	4.72	1.98	3.07	2.86	1.44	1.81	7.83	2.54
1980	2.27	1.82	2.04	2.87	4.04	5.56	6.14	5.16	14.36	10.09	3.23	7.97	6.84	1.43	3.66	13.18	4.97
1985	2.08	2.00	2.03	4.95	5.00	6.38	7.14	8.66	17.61	9.10	4.39	8.41	R 8.10	1.43	4.71	16.75	6.96
1986	1.95	1.90	1.92	4.40	3.59	4.26	5.21	8.58	15.59	6.79	3.02	5.80	R 6.32	1.46	4.05	16.88	R 6.41
1987	1.85	1.73	1.76	4.29	3.40	4.79	4.84	8.07	13.58	7.13	2.90	6.63	R 6.44	1.46	4.23	15.95	R 6.84
1988	1.73	1.73	1.73	4.19	3.21	4.63	4.59	8.04	14.62	7.15	3.20	5.66	R 6.22	1.46	R 4.07	15.94	R 6.46
1989	1.75	1.68	1.70	R 4.02	2.84	5.24	5.61	8.63	14.48	7.77	3.13	R 5.71	R 6.42	R d 1.20	R d 4.07	16.28	R d 6.49
1990	1.80	1.77	1.78	3.72	3.06	5.54	6.73	9.74	14.60	8.78	3.15	R 6.36	R 6.79	R 1.00	3.98	17.15	R 6.27
1991	1.72	1.78	1.77	R 3.86	2.87	5.22	5.59	10.55	16.80	8.37	2.79	R 5.59	R 6.78	R 1.14	4.20	17.26	6.56
1992	—	1.73	1.73	R 3.79	2.25	5.24	5.02	10.16	18.32	8.16	2.66	R 5.68	R 6.77	R 1.14	R 4.22	17.29	R 6.54
1993	1.68	1.71	1.71	3.78	2.99	5.09	5.06	10.34	18.96	8.09	2.83	R 5.13	R 6.18	R 1.12	R 4.02	15.65	R 6.06
1994	1.57	1.70	1.65	3.80	2.98	4.83	5.17	7.16	19.11	8.33	2.81	R 4.86	R 5.98	1.18	R 3.82	15.37	R 5.88
1995	1.57	1.71	1.67	R 3.48	3.26	4.66	4.78	7.56	19.41	8.46	2.57	R 5.06	R 6.10	R 1.24	R 3.68	15.02	R 5.69
1996	1.68	1.70	1.69	R 3.74	3.07	5.67	5.79	9.19	20.08	9.20	2.95	R 5.89	R 6.94	R 1.09	R 4.06	14.88	R 5.97
1997	R 1.75	1.72	R 1.73	3.86	4.05	5.43	5.29	8.96	17.98	9.10	3.08	R 5.47	R 6.12	R 1.12	R 4.06	14.56	R 5.95
1998	R 1.67	1.70	R 1.68	3.73	3.87	4.33	3.89	7.83	19.07	8.06	2.91	R 4.06	R 5.33	R 1.35	R 3.71	14.74	R 5.82
1999	R 1.74	1.69	R 1.72	3.54	3.29	5.76	4.98	8.01	16.75	8.66	2.85	R 5.24	R 5.83	R 1.48	R 3.73	14.73	R 5.72
2000	R 1.66	1.61	R 1.64	R 3.76	4.83	9.29	8.24	12.09	17.99	11.86	3.70	R 7.24	R 8.14	R 1.52	4.55	14.93	R 6.51
2001	1.73	1.61	1.67	4.63	4.07	7.34	7.46	11.82	19.00	11.22	4.16	6.71	7.60	1.63	4.70	14.91	6.60
	Expenditures in Million Nominal Dollars																
1970	73.4	99.3	172.7	136.5	21.5	33.3	9.2	4.3	56.5	39.2	12.0	54.4	230.5	4.5	544.2	317.2	861.4
1975	290.3	158.8	449.1	362.3	54.6	115.9	11.4	11.2	64.9	46.9	32.6	124.4	462.0	4.6	1,277.9	764.8	2,042.8
1980	250.1	198.2	448.3	700.3	94.0	155.7	39.5	49.7	156.4	51.3	56.3	609.5	1,212.4	10.8	2,371.9	1,367.4	3,739.3
1985	149.7	195.2	344.9	884.9	92.2	R 163.4	2.8	264.8	174.6	57.0	30.5	271.2	R 1,056.5	12.7	R 2,299.0	1,880.0	R 4,179.0
1986	140.3	188.4	328.7	759.6	80.6	R 119.8	1.8	288.4	151.1	41.1	26.9	211.4	R 921.2	16.3	R 2,025.8	1,909.5	R 3,935.4
1987	53.0	164.7	217.7	526.4	79.0	R 130.7	2.2	287.9	148.8	42.9	25.8	241.4	R 958.7	16.3	R 1,719.0	1,858.0	R 3,577.0
1988	38.0	187.9	225.9	800.5	61.2	R 141.2	1.5	266.6	154.5	40.0	29.6	202.6	R 897.2	16.9	R 1,940.5	1,923.4	R 3,863.9
1989	44.2	157.4	201.6	782.3	72.8	R 134.1	2.2	311.5	157.0	43.8	R 23.9	R 217.2	R 962.5	R d 26.1	R d 1,972.5	1,957.3	R d 3,929.7
1990	51.3	158.6	R 209.9	1,041.2	80.1	R 127.7	1.3	232.9	162.9	45.0	R 20.1	R 265.7	R 935.6	R 18.8	R 2,205.6	1,999.1	R 4,204.7
1991	26.3	137.6	R 163.8	1,032.4	66.0	R 138.6	2.0	267.6	167.6	48.8	7.9	R 291.9	R 990.5	R 23.2	R 2,209.9	2,008.1	R 4,218.0
1992	—	131.8	R 131.8	1,143.2	53.0	R 140.0	1.2	280.3	186.4	40.7	R 7.8	R 304.3	R 1,013.6	R 23.5	R 2,312.2	2,049.7	R 4,361.9
1993	(s)	133.9	R 133.9	R 887.4	88.4	R 133.3	2.1	124.5	196.4	43.9	R 11.1	R 275.1	R 874.9	R 26.6	R 1,922.8	1,589.7	R 3,512.5
1994	58.3	119.0	R 177.3	R 859.7	71.2	R 120.9	1.8	113.1	207.0	50.8	R 10.5	R 270.4	R 845.6	R 30.6	R 1,913.2	1,672.9	R 3,586.1
1995	59.1	122.8	R 181.9	R 841.7	107.3	R 93.6	0.9	128.3	206.6	57.8	R 3.3	R 272.9	R 870.6	R 39.1	R 1,933.3	1,695.7	R 3,629.0
1996	60.0	R 121.6	R 181.7	R 928.1	75.5	R 128.2	1.4	175.5	207.4	68.1	R 3.6	R 370.7	R 1,030.3	R 34.9	R 2,174.9	1,707.2	R 3,882.1
1997	R 63.6	R 101.1	R 164.8	R 933.0	209.0	R 125.9	1.3	74.6	196.2	60.3	R 3.9	R 384.2	R 1,055.4	R 31.9	R 2,185.1	1,714.7	R 3,899.8
1998	R 79.0	R 86.0	R 165.0	R 801.0	166.7	R 103.7	1.1	30.4	217.8	46.1	R 1.7	R 297.6	R 865.0	R 41.6	R 1,872.6	1,761.7	R 3,634.4
1999	128.5	77.8	R 206.4	R 842.4	145.8	R 164.4	1.4	65.4	193.3	45.9	R 1.6	R 376.8	R 994.6	R 47.2	R 2,090.6	1,825.8	R 3,916.4
2000	R 91.0	R 80.8	R 171.8	R 875.1	188.1	R 219.3	R 2.1	129.0	204.5	65.5	R 8.4	R 509.6	R 1,326.5	R 48.2	R 2,421.6	1,850.1	R 4,271.7
2001	88.6	87.8	176.4	1,011.7	152.2	149.1	1.9	102.2	197.9	107.3	3.6	376.9	1,091.0	41.4	2,320.6	1,675.8	3,996.3

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Michigan

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.53	—	2.17	1.27	0.74	1.39	5.08	2.71	0.57	2.50	2.50	—	2.50
1975	1.49	—	3.45	2.77	2.08	2.51	7.48	4.72	1.76	4.46	4.46	—	4.46
1980	—	—	9.02	7.19	6.38	5.16	14.36	10.09	3.49	9.63	9.63	—	9.63
1985	—	—	9.99	8.55	6.09	R 9.57	17.61	9.10	4.38	8.96	8.96	—	8.96
1986	—	—	8.41	6.69	4.20	R 9.49	15.59	6.79	2.45	6.73	6.73	—	6.73
1987	—	—	7.55	6.86	4.09	R 8.92	13.58	7.13	2.90	6.97	6.97	—	6.97
1988	—	—	7.41	6.50	3.85	R 8.89	14.62	7.15	2.26	6.93	6.93	—	6.93
1989	—	—	8.28	6.94	4.39	R 9.55	14.48	7.77	2.49	7.50	7.50	—	7.50
1990	—	1.94	9.32	8.24	5.65	R 10.77	14.60	8.78	2.42	8.53	8.53	—	8.53
1991	—	R 2.08	8.71	7.88	4.94	R 11.67	16.80	8.37	2.09	R 8.13	R 8.13	26.86	R 8.13
1992	—	R 0.96	8.54	7.74	4.57	R 11.24	18.32	8.16	2.14	R 7.93	R 7.93	27.25	7.93
1993	—	3.25	8.24	7.78	4.26	R 11.44	18.96	8.09	2.46	7.86	7.86	26.81	7.86
1994	—	R 2.74	7.96	7.79	3.91	R 9.98	19.11	8.33	2.62	R 8.03	R 8.03	30.90	R 8.03
1995	—	2.96	8.36	7.67	3.93	R 10.36	19.41	8.46	2.66	8.16	8.16	31.39	8.16
1996	—	R 3.27	9.29	8.48	4.76	R 10.09	20.08	9.20	2.91	R 8.91	R 8.91	31.78	R 8.91
1997	—	3.85	9.39	8.32	4.56	R 9.52	17.98	9.10	R 3.09	8.76	8.76	31.89	8.76
1998	—	3.35	8.11	7.24	3.50	R 9.40	19.07	8.06	2.58	7.76	7.76	31.47	7.76
1999	—	3.58	8.81	7.86	3.89	R 11.82	16.75	8.66	R 2.73	8.33	8.33	29.80	8.33
2000	—	3.46	R 10.87	10.35	6.51	R 14.98	17.99	11.86	R 3.23	R 11.41	R 11.41	31.57	R 11.41
2001	—	3.20	11.01	9.98	5.80	16.28	19.00	11.22	3.45	10.86	10.86	30.57	10.86
	Expenditures in Million Nominal Dollars												
1970	0.3	—	7.9	46.9	30.4	0.3	40.8	1,327.5	1.5	1,455.3	1,455.6	—	1,455.6
1975	0.1	—	6.0	144.2	65.8	0.9	60.0	2,615.8	4.7	2,897.4	2,897.5	—	2,897.5
1980	—	—	22.2	408.1	236.9	2.4	128.6	5,049.8	5.1	5,853.1	5,853.1	—	5,853.1
1985	—	—	10.1	R 614.1	223.6	R 10.0	143.6	4,376.0	2.7	R 5,380.1	R 5,380.1	—	R 5,380.1
1986	—	—	10.6	R 480.3	167.7	R 9.8	124.3	3,357.5	0.5	R 4,150.7	R 4,150.7	—	R 4,150.7
1987	—	—	9.2	R 553.2	191.9	R 11.1	122.4	3,644.6	0.9	R 4,533.4	R 4,533.4	—	R 4,533.4
1988	—	—	9.0	R 528.0	185.4	R 11.2	127.0	3,775.4	0.4	R 4,636.5	R 4,636.5	—	R 4,636.5
1989	—	—	11.2	R 540.7	227.7	R 10.0	129.1	4,057.9	1.8	R 4,978.4	R 4,978.4	—	R 4,978.4
1990	—	(s)	10.1	R 634.1	319.7	R 11.0	133.9	4,527.8	1.4	R 5,638.1	R 5,638.1	—	R 5,638.1
1991	—	(s)	9.0	R 619.2	283.9	R 11.0	137.8	4,383.3	0.7	R 5,444.9	R 5,444.9	0.4	R 5,445.3
1992	—	(s)	7.8	R 629.7	260.5	R 10.2	153.3	4,278.4	1.3	R 5,341.2	R 5,341.2	0.4	R 5,341.6
1993	—	R 0.2	8.2	R 799.0	247.7	R 11.3	161.5	4,414.8	1.1	R 5,643.6	R 5,643.8	0.5	R 5,644.3
1994	—	R 0.1	9.5	R 813.7	227.5	R 17.1	170.2	4,539.0	1.6	R 5,778.5	R 5,778.6	0.5	R 5,779.2
1995	—	R 0.2	9.8	R 809.9	196.3	R 9.0	169.9	4,813.9	1.6	R 6,010.4	R 6,010.6	0.5	R 6,011.1
1996	—	R 0.3	10.1	R 935.5	243.9	R 8.2	170.6	5,233.8	R 2.2	R 6,604.2	R 6,604.5	0.5	R 6,605.1
1997	—	0.2	9.3	R 960.6	245.0	R 7.0	161.3	5,265.0	1.0	R 6,649.2	R 6,649.4	0.4	R 6,649.8
1998	—	R 0.6	6.8	R 891.7	178.9	R 27.3	179.1	4,771.5	R 1.3	R 6,056.7	R 6,057.2	0.5	R 6,057.7
1999	—	R 0.8	12.7	R 996.3	201.0	R 15.1	159.0	5,410.7	R 0.6	R 6,795.4	R 6,796.2	0.4	R 6,796.5
2000	—	R 0.8	R 11.2	R 1,321.7	266.3	R 14.4	168.2	7,224.8	R 1.0	R 9,007.7	R 9,008.5	0.5	R 9,009.0
2001	—	0.8	4.4	1,248.1	204.5	8.9	162.8	6,852.2	1.5	8,482.4	8,483.3	0.6	8,483.8

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Michigan (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.36	0.42	0.63	0.65	—	0.63	0.36	—	1.31	0.99	0.38
1975	0.92	1.28	1.97	2.05	—	1.98	0.28	—	2.65	2.02	1.03
1980	1.56	2.74	4.10	6.07	—	4.24	0.49	—	4.72	3.59	1.65
1985	1.88	4.43	4.64	5.60	—	5.15	0.80	—	6.36	4.84	1.73
1986	1.81	3.64	2.58	3.44	—	2.83	0.77	—	6.31	4.80	1.68
1987	1.75	2.76	3.14	3.98	—	3.35	0.77	—	6.11	4.65	1.62
1988	1.76	2.56	2.64	3.59	—	2.79	0.88	—	6.02	4.58	1.60
1989	1.72	1.75	2.97	4.21	—	3.15	0.78	0.67	6.05	4.60	1.45
1990	1.60	2.11	2.89	4.60	—	3.26	0.79	0.46	5.84	5.66	1.28
1991	1.59	1.96	2.44	4.51	—	2.89	0.65	0.50	4.60	3.06	1.36
1992	1.56	1.95	2.44	4.39	—	2.94	0.67	0.51	4.37	3.19	1.40
1993	1.53	2.42	2.77	3.97	—	3.05	0.60	0.55	4.01	2.89	1.36
1994	1.51	2.40	2.76	3.67	—	2.95	0.52	0.56	4.09	2.27	1.50
1995	1.45	2.00	2.62	3.90	—	2.94	0.65	0.70	4.04	2.18	1.36
1996	1.40	2.69	2.91	4.87	0.97	3.26	0.59	0.59	3.82	2.31	1.35
1997	1.37	2.56	3.11	4.44	—	3.40	0.59	0.50	3.77	1.62	1.36
1998	1.33	2.32	2.69	3.16	0.94	2.70	0.65	0.61	4.01	3.02	1.37
1999	1.31	2.52	2.59	4.12	0.70	2.81	0.60	0.67	4.92	4.16	1.37
2000	1.30	3.90	3.35	5.91	0.65	3.77	0.61	0.67	3.04	3.52	1.49
2001	1.27	3.77	3.81	5.84	0.81	4.27	0.48	0.75	3.29	3.82	1.36
	Expenditures in Million Nominal Dollars										
1970	173.4	27.2	17.9	3.6	—	21.5	1.5	—	4.6	4.8	223.3
1975	456.8	60.7	174.9	18.4	—	193.2	22.2	—	16.9	10.7	739.2
1980	832.3	53.2	248.2	27.5	—	275.7	85.1	—	94.6	2.3	1,338.6
1985	1,138.3	20.6	15.2	21.1	—	36.3	115.0	—	10.5	1.6	1,319.1
1986	1,149.5	13.8	18.8	10.3	—	29.0	100.1	—	16.0	0.9	1,307.4
1987	1,250.9	12.0	22.1	9.4	—	31.5	115.5	—	16.8	0.6	1,426.1
1988	1,222.8	6.2	40.1	10.4	—	50.5	166.8	—	7.8	3.4	1,450.7
1989	1,147.9	12.4	47.4	11.3	—	58.6	175.9	3.5	0.3	85.4	1,313.2
1990	1,060.9	145.6	20.9	9.1	—	30.0	179.7	4.2	0.8	211.6	1,209.7
1991	1,058.8	142.6	14.5	7.5	—	22.0	184.6	4.7	1.7	5.8	1,408.7
1992	974.8	161.4	12.8	8.0	—	20.8	132.8	5.5	1.2	3.4	1,293.1
1993	964.8	213.1	18.3	8.0	—	26.2	180.3	8.7	33.1	0.3	1,425.9
1994	1,034.1	221.9	19.3	7.0	—	26.3	76.8	10.0	96.5	(s)	1,465.6
1995	972.6	209.8	18.1	9.3	—	27.4	167.9	13.8	79.9	0.3	1,471.2
1996	952.8	328.8	22.6	8.5	(s)	31.1	166.2	13.8	27.7	1.7	1,518.8
1997	932.8	319.1	20.1	8.1	—	28.2	134.8	11.3	43.5	11.1	1,458.6
1998	967.8	305.4	27.6	8.6	0.6	36.8	85.7	13.7	27.7	36.7	1,400.3
1999	930.2	338.1	34.5	12.1	0.3	46.9	91.3	14.5	14.9	15.7	1,420.2
2000	905.7	491.2	35.4	12.9	(s)	48.3	119.6	17.1	13.8	19.9	1,575.8
2001	880.3	497.0	27.5	12.6	(s)	40.1	132.9	20.7	0.8	28.3	1,543.5

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Minnesota

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	0.53	0.42	0.43	0.66	1.08	0.75	1.80	2.97	0.59	1.38	2.02	—	0.98	1.28	0.34	6.10	1.87
1975	1.80	0.68	0.83	1.17	2.51	2.09	3.67	4.63	1.80	2.97	3.59	0.24	1.32	2.13	R 0.53	8.64	3.18
1980	—	1.11	1.11	2.85	6.72	6.47	5.82	9.55	3.52	6.01	7.94	0.44	2.05	4.41	R 0.95	13.26	6.89
1985	—	1.51	1.51	5.13	R 7.57	5.93	R 8.38	9.73	4.05	7.05	R 8.48	0.50	R 2.12	R 5.27	R 1.23	15.81	8.38
1986	—	1.44	1.44	4.61	R 5.66	4.04	R 8.21	7.42	2.88	5.79	R 6.49	0.50	R 1.87	R 4.41	R 1.42	16.07	R 7.26
1987	—	1.26	1.26	3.72	R 5.97	4.15	R 6.97	7.71	2.43	5.28	R 6.69	0.51	1.76	R 4.06	R 1.09	15.72	R 7.25
1988	—	1.24	1.24	3.87	R 5.86	3.94	R 7.61	7.81	2.36	5.60	R 6.80	0.49	1.67	3.98	R 0.96	15.80	R 7.33
1989	—	1.25	1.25	3.87	R 6.46	4.47	R 8.86	8.72	2.38	4.92	R 7.48	0.49	R e 1.32	R e 4.21	R 1.03	15.57	R e 7.48
1990	—	1.31	1.31	3.87	R 7.94	5.68	R 9.15	9.56	2.50	4.82	R 8.31	0.48	R 1.25	R 4.50	R 1.05	15.68	R 8.01
1991	—	1.30	1.30	3.70	7.09	4.87	R 8.16	9.31	2.11	5.12	7.92	0.47	R 1.38	R 4.40	R 1.11	16.06	R 7.84
1992	—	1.24	1.24	3.99	R 6.93	4.64	R 7.25	9.11	1.79	5.02	7.64	0.44	R 1.27	4.42	R 1.11	16.23	R 7.78
1993	—	1.20	1.20	4.36	R 6.95	4.33	R 8.82	9.26	2.18	5.29	7.76	0.41	R 1.19	R 4.50	R 1.07	16.46	R 7.91
1994	—	1.22	1.22	4.16	R 7.02	3.96	R 7.96	9.46	2.17	5.54	R 7.81	0.47	R 1.20	R 4.49	R 1.12	16.55	R 7.94
1995	—	1.21	1.21	3.73	R 6.99	4.00	8.12	9.46	2.41	5.33	R 7.80	0.48	R 1.24	R 4.37	R 1.12	16.40	R 7.72
1996	—	R 1.12	R 1.12	4.38	R 7.93	4.79	R 10.07	10.50	2.98	5.15	8.70	0.48	R 1.16	R 4.90	R 1.09	16.30	R 8.24
1997	—	1.14	1.14	4.58	R 7.80	4.65	R 9.82	10.45	3.07	5.15	R 8.60	0.47	R 1.07	R 4.98	R 1.15	16.48	R 8.43
1998	—	R 1.13	R 1.13	R 4.13	R 6.63	3.54	8.23	9.11	2.04	4.99	7.46	R 0.48	R 1.23	R 4.38	R 1.11	16.78	R 7.87
1999	—	1.16	1.16	R 4.26	R 7.26	4.03	8.28	9.70	2.26	4.68	R 7.86	R 0.48	R 1.34	4.65	R 1.11	17.12	R 8.15
2000	—	1.16	1.16	5.86	R 9.97	6.53	11.87	12.33	R 3.84	R 5.88	10.37	R 0.45	R 1.47	R 5.97	R 1.10	17.26	R 9.86
2001	—	1.06	1.06	7.18	9.61	5.83	12.80	12.16	3.82	5.68	10.28	0.47	1.54	6.27	1.10	17.75	10.43
	Expenditures in Million Nominal Dollars																
1970	8.6	68.2	76.9	220.6	140.5	14.7	60.1	688.9	14.9	67.2	986.3	—	3.8	R 1,288.1	R -65.9	427.5	1,649.7
1975	45.4	113.9	159.3	381.4	355.7	66.5	124.8	1,172.9	38.4	137.2	1,895.6	25.5	5.7	R 2,469.2	R -145.9	769.9	3,093.2
1980	—	269.7	269.7	785.0	837.2	188.3	163.0	2,319.4	56.3	209.9	3,774.0	48.6	15.8	R 4,908.7	R -326.9	1,481.2	6,063.1
1985	—	R 340.9	R 340.9	1,283.0	R 876.8	261.4	R 159.6	2,314.7	15.8	305.7	R 3,934.0	61.4	17.7	R 5,695.0	R -412.4	2,062.8	R 7,345.4
1986	—	R 289.2	R 289.2	1,084.8	R 634.6	178.6	R 185.6	1,784.2	22.2	263.5	R 3,068.7	58.0	16.5	R 4,665.6	R -454.2	2,097.2	R 6,308.6
1987	—	R 322.9	R 322.9	856.2	R 670.9	132.8	R 136.7	1,903.7	13.6	256.0	R 3,113.7	61.2	15.8	R 4,412.7	R -403.4	2,211.9	R 6,221.2
1988	—	R 377.2	R 377.2	1,051.7	R 698.6	114.7	R 154.7	2,003.0	14.4	240.3	R 3,225.7	63.3	17.5	R 4,716.9	R -400.1	2,433.7	R 6,750.5
1989	—	R 406.8	R 406.8	R 1,108.9	R 774.7	118.0	R 194.6	2,225.9	R 12.2	232.2	R 3,557.6	56.6	R e 34.6	R e 5,167.7	R -438.3	2,409.9	R e 7,139.3
1990	—	R 427.9	R 427.9	R 1,066.8	R 905.7	164.0	R 193.9	2,399.4	R 11.9	259.4	R 3,934.4	61.2	R 32.7	R 5,538.1	R -471.2	2,491.4	R 7,558.3
1991	—	R 390.8	R 390.8	1,110.6	R 871.4	137.3	R 192.0	2,374.9	R 9.9	264.7	R 3,850.1	59.3	R 35.7	R 5,492.7	R -485.8	2,637.3	R 7,644.2
1992	—	R 371.6	R 371.6	1,170.0	R 858.7	173.8	R 208.1	2,379.3	R 9.0	272.6	R 3,901.6	50.9	R 37.3	R 5,612.6	R -485.2	2,592.1	R 7,719.5
1993	—	R 392.5	R 392.5	R 1,354.3	R 841.6	231.3	R 281.2	2,496.8	R 11.7	269.7	R 4,132.3	52.0	R 36.4	R 6,054.6	R -499.4	2,727.8	R 8,282.9
1994	—	R 404.8	R 404.8	R 1,269.9	R 900.6	219.2	R 268.5	2,599.5	R 10.0	281.7	R 4,279.5	59.9	R 38.9	R 6,161.8	R -535.8	2,851.7	R 8,477.6
1995	—	R 407.8	R 407.8	R 1,241.4	R 937.6	226.1	283.4	2,679.9	R 5.8	319.7	R 4,452.5	66.2	R 48.1	R 6,333.2	R -557.8	2,983.1	R 8,758.5
1996	—	R 397.5	R 397.5	R 1,535.7	R 1,108.6	288.7	R 432.7	3,004.9	R 8.3	314.4	R 5,157.7	60.4	R 44.8	R 7,312.4	R -532.5	3,017.3	R 9,797.2
1997	—	R 390.9	R 390.9	R 1,536.7	R 1,078.5	287.2	R 361.4	3,037.8	R 8.3	321.5	R 5,094.6	R 53.9	R 41.1	R 7,245.3	R -553.8	3,089.7	R 9,781.1
1998	—	R 402.2	R 402.2	R 1,286.2	R 949.9	214.8	216.6	2,760.1	R 3.1	314.2	R 4,458.8	R 58.1	R 44.6	R 6,361.9	R -554.0	3,206.1	R 9,014.1
1999	—	R 395.2	R 395.2	R 1,379.8	R 1,011.2	287.7	258.2	3,028.7	R 3.7	329.2	R 4,918.8	R 66.4	R 47.8	R 6,911.7	R -548.1	3,311.6	R 9,675.1
2000	—	R 434.1	R 434.1	R 1,996.7	R 1,442.8	492.2	419.2	3,925.0	R 16.7	R 392.7	R 6,688.6	R 61.2	R 58.2	R 9,319.5	R -572.5	3,477.2	R 12,224.2
2001	—	375.5	375.5	2,305.3	1,398.2	383.0	412.5	3,944.4	17.3	339.2	6,494.5	57.3	60.0	9,384.6	-556.1	3,618.2	12,446.7

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Minnesota

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.55	1.09	1.26	1.52	2.03	1.54	0.61	1.28	7.30	2.15
1975	3.04	1.57	2.55	2.91	4.22	3.12	1.20	2.14	9.90	3.36
1980	4.32	3.24	7.20	8.02	7.34	7.25	3.06	4.45	16.06	6.86
1985	4.10	5.78	7.79	8.00	7.79	7.79	3.46	R 6.18	19.01	R 9.26
1986	3.89	5.28	6.05	9.81	7.53	R 6.53	R 2.78	5.53	19.41	R 8.89
1987	3.81	4.58	5.70	8.77	7.40	R 6.21	R 2.65	R 4.99	19.38	R 8.86
1988	3.51	4.61	5.62	10.37	7.03	R 6.09	2.67	R 4.94	19.82	R 8.69
1989	3.49	4.54	6.30	9.12	10.03	R 7.38	2.95	R 5.26	19.71	R 8.65
1990	3.46	4.61	7.75	8.35	8.35	R 7.95	3.56	R 5.34	19.94	R 9.13
1991	3.81	4.47	6.96	8.73	7.42	7.12	3.41	5.04	20.27	8.88
1992	3.47	4.81	6.29	7.23	8.37	7.11	3.12	5.26	20.54	R 9.09
1993	3.28	5.25	6.36	6.37	8.24	7.21	3.05	5.62	20.77	9.35
1994	3.28	5.12	6.16	6.09	8.56	R 7.27	2.96	R 5.52	20.99	R 9.43
1995	3.48	4.74	6.15	5.04	8.56	R 7.27	2.90	R 5.21	21.01	R 9.24
1996	3.41	5.36	6.98	6.09	10.73	R 8.90	R 3.32	6.10	20.89	9.57
1997	3.57	5.66	6.90	5.70	10.17	R 8.66	3.31	6.28	21.20	R 10.06
1998	3.60	R 5.38	5.67	4.37	8.26	R 6.90	2.87	R 5.65	21.47	10.25
1999	3.55	5.46	5.94	3.40	8.31	R 7.32	2.95	5.78	21.73	R 10.33
2000	3.53	R 7.03	8.88	9.31	11.74	R 10.57	4.43	7.69	22.03	R 11.63
2001	3.71	8.64	8.62	9.32	13.34	11.21	4.22	9.09	22.31	12.95
	Expenditures in Million Nominal Dollars									
1970	10.5	111.5	52.9	10.3	48.9	112.2	1.1	235.3	225.0	460.3
1975	4.1	179.5	107.6	9.2	94.8	211.6	2.2	397.4	344.1	741.5
1980	2.7	333.8	249.5	5.2	79.0	333.7	9.1	679.2	643.8	1,323.1
1985	R 3.8	618.7	R 180.2	6.2	67.4	R 253.8	9.8	R 886.1	860.3	R 1,746.4
1986	R 3.3	545.1	R 148.4	4.9	76.6	R 229.9	R 7.7	R 785.9	878.1	R 1,663.9
1987	R 2.7	411.9	R 142.1	3.7	73.2	R 219.0	6.6	R 640.2	914.7	R 1,554.9
1988	R 3.3	508.9	R 150.8	6.8	73.0	R 230.5	6.9	R 749.6	1,014.0	R 1,763.6
1989	R 3.5	534.3	R 192.1	13.9	115.4	R 321.4	R 7.9	R 867.2	994.0	R 1,861.2
1990	R 2.2	495.3	R 169.0	1.4	88.8	R 259.2	12.7	R 769.3	1,010.6	R 1,779.9
1991	R 1.1	529.5	R 165.8	2.0	85.4	R 253.2	R 12.8	R 796.6	1,082.9	R 1,879.5
1992	0.3	551.9	R 124.5	1.6	107.9	R 234.1	12.3	R 798.5	1,040.7	R 1,839.2
1993	R 1.2	655.3	R 119.3	1.3	130.0	R 250.6	10.1	R 917.1	1,105.3	R 2,022.5
1994	2.2	633.2	R 110.6	1.6	134.0	R 246.2	9.6	R 891.3	1,146.1	R 2,037.4
1995	2.4	617.9	R 110.5	1.4	137.8	R 249.8	10.5	R 880.6	1,216.6	R 2,097.2
1996	1.1	777.1	R 140.3	2.1	231.5	R 373.9	12.0	R 1,164.1	1,223.1	R 2,387.1
1997	0.8	742.3	R 117.9	1.7	207.8	R 327.3	8.4	R 1,078.8	1,235.0	R 2,313.8
1998	R 0.3	605.3	R 83.9	1.8	117.2	R 202.9	6.6	R 815.1	1,273.0	R 2,088.0
1999	0.1	661.3	R 72.8	0.6	145.9	R 219.3	7.3	R 888.0	1,334.3	R 2,222.2
2000	(s)	R 925.5	R 118.6	R 1.7	230.3	R 350.6	R 11.4	R 1,287.6	1,400.1	R 2,687.7
2001	(s)	1,091.5	114.8	9.9	229.6	354.3	9.3	1,455.2	1,476.5	2,931.7

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Minnesota

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.47	0.69	1.05	0.89	1.20	2.97	0.58	1.13	0.61	0.77	7.72	1.44
1975	0.87	1.16	2.34	2.54	2.61	4.63	1.97	2.61	1.20	1.39	10.38	2.55
1980	1.77	2.89	6.60	—	4.87	9.55	4.48	6.73	3.06	3.46	12.95	5.35
1985	2.07	5.18	6.27	8.00	8.82	9.73	4.10	R 6.61	3.46	R 5.38	17.53	R 7.80
1986	1.93	4.62	3.98	9.81	8.75	7.42	2.86	R 5.01	2.78	4.59	17.81	7.57
1987	1.85	3.89	4.37	8.77	6.52	7.71	2.43	R 5.00	2.65	R 3.98	17.19	R 7.39
1988	1.84	4.00	3.84	10.37	8.19	7.81	2.37	R 4.73	2.67	4.01	17.52	R 7.18
1989	1.86	3.98	4.65	9.12	7.55	8.72	2.38	R 5.18	2.95	R 4.04	17.61	R 7.04
1990	1.97	3.96	5.57	8.35	9.92	9.56	2.50	R 7.56	2.61	R 4.57	17.70	R 7.62
1991	1.87	R 3.77	4.99	8.73	8.84	9.31	2.11	5.68	2.61	R 3.93	17.98	7.31
1992	1.92	4.06	4.95	7.23	6.33	9.11	1.79	R 5.18	2.39	R 4.14	18.15	R 7.63
1993	1.98	4.47	4.78	6.37	9.37	9.26	2.18	6.31	2.38	4.57	18.37	R 7.94
1994	1.93	4.31	4.40	6.09	8.22	9.46	2.17	R 5.50	2.26	4.32	18.51	R 7.90
1995	1.81	3.93	4.39	5.04	8.28	9.46	2.41	R 5.63	2.01	R 3.97	18.35	7.58
1996	1.51	4.55	5.51	6.09	10.07	10.50	2.98	R 7.01	2.36	R 4.71	18.22	8.02
1997	1.65	4.71	5.31	5.70	10.63	10.45	3.09	R 8.23	2.36	R 5.13	18.44	8.47
1998	1.60	R 4.31	4.20	4.37	9.49	9.11	2.04	R 6.85	2.05	4.63	18.64	R 8.53
1999	1.67	4.36	4.77	3.40	8.88	9.70	2.26	R 5.96	1.82	4.49	18.71	R 8.52
2000	1.58	R 6.01	7.25	9.31	11.83	12.33	3.97	R 8.74	2.74	R 6.24	18.84	R 9.78
2001	1.68	7.41	7.00	9.32	13.33	12.16	4.18	8.50	2.05	7.49	17.81	11.57
	Expenditures in Million Nominal Dollars											
1970	2.5	53.2	10.7	1.3	5.1	3.7	1.4	22.3	(s)	78.1	83.7	161.8
1975	2.7	104.2	24.1	1.7	10.3	8.6	2.8	47.6	(s)	154.5	171.6	326.1
1980	4.2	183.6	55.5	—	9.3	17.1	0.9	82.7	0.2	270.7	252.8	523.5
1985	R 6.8	400.2	R 104.0	1.1	13.5	17.1	5.8	R 141.4	0.3	R 548.7	446.9	R 995.5
1986	R 5.5	343.8	R 26.3	0.2	15.7	12.7	5.5	R 60.5	0.2	R 410.0	463.3	R 873.4
1987	R 4.4	256.4	R 28.3	0.3	11.4	9.7	2.0	R 51.6	0.2	R 312.6	471.2	R 783.8
1988	R 6.1	322.4	R 25.9	0.3	15.0	9.9	4.4	R 55.6	0.3	R 384.3	514.0	R 898.3
1989	R 7.1	340.7	R 32.6	0.2	15.3	8.7	4.0	R 60.9	0.3	R 409.0	508.0	R 917.0
1990	R 5.0	310.5	R 35.4	0.2	18.6	78.8	4.1	R 137.1	1.0	R 453.6	532.2	R 985.8
1991	2.6	327.2	R 26.4	0.2	18.0	9.7	3.9	R 58.1	1.0	R 388.8	562.2	951.0
1992	0.7	337.8	R 21.7	0.3	14.4	5.6	2.2	R 44.2	1.0	R 383.6	557.7	R 941.3
1993	3.2	391.6	18.2	0.3	26.1	2.4	1.8	R 48.9	1.0	R 444.6	578.5	R 1,023.0
1994	7.4	365.9	R 21.1	0.5	22.7	2.4	2.2	R 48.9	0.9	R 423.1	612.4	R 1,035.5
1995	8.4	360.8	R 22.0	0.7	23.6	2.5	1.7	R 50.4	1.0	R 420.7	651.7	R 1,072.3
1996	3.6	456.2	R 32.5	0.9	38.3	2.7	2.6	R 77.1	1.2	R 538.1	674.5	R 1,212.6
1997	2.8	442.7	R 27.0	0.8	38.3	55.1	R 3.1	R 124.3	1.1	R 571.0	685.1	R 1,256.1
1998	R 1.1	361.5	R 20.6	0.8	23.8	46.9	R 2.1	R 94.2	1.0	R 457.8	709.5	R 1,167.3
1999	R 0.4	391.0	R 24.7	0.4	27.5	2.5	R 2.2	R 57.3	1.1	R 449.8	742.8	R 1,192.6
2000	0.1	R 581.7	R 37.5	R 2.8	40.9	3.2	R 3.4	R 87.9	1.6	R 671.4	791.5	R 1,462.9
2001	0.1	703.8	46.2	1.9	40.5	3.3	5.7	97.6	1.4	802.9	1,246.9	2,049.8

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Minnesota

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	0.53	0.47	0.49	0.42	0.68	0.83	0.89	1.20	5.08	2.97	0.55	1.28	1.18	1.43	0.79	4.17	1.12
1975	1.80	0.87	1.33	0.83	2.19	2.39	2.54	2.61	7.48	4.63	1.74	2.31	2.67	1.43	1.73	6.73	2.34
1980	—	1.77	1.77	2.51	3.31	5.66	5.92	4.87	14.36	9.55	2.97	7.34	5.23	1.39	3.58	11.22	5.07
1985	—	2.07	2.07	4.04	4.99	6.37	7.21	8.82	17.61	9.73	4.10	7.03	R 6.64	1.39	R 4.98	12.65	R 6.92
1986	—	1.93	1.93	3.42	3.86	4.22	4.99	8.75	15.59	7.42	2.86	10.73	R 5.04	1.44	4.07	12.76	R 6.22
1987	—	1.85	1.85	2.55	3.53	4.62	4.84	6.52	13.58	7.71	2.43	10.73	R 4.75	1.44	R 3.56	12.50	R 5.91
1988	—	1.84	1.84	2.79	3.60	4.33	4.59	8.19	14.62	7.81	2.37	10.84	R 4.89	1.44	R 3.66	12.32	R 6.14
1989	—	1.86	1.86	2.84	3.01	4.85	5.73	7.55	14.48	8.72	2.38	10.00	4.89	R d 1.16	R d 3.45	12.02	R d 5.76
1990	—	1.97	1.97	2.96	3.31	6.51	6.88	9.92	14.60	9.56	2.50	9.71	R 5.71	R 0.99	R 3.90	12.14	R 6.09
1991	—	1.87	1.87	2.75	3.19	5.33	6.04	8.84	16.80	9.31	2.11	7.77	5.51	R 1.14	R 3.78	12.47	R 6.15
1992	—	1.92	1.92	3.02	2.71	5.45	5.59	6.33	18.32	9.11	1.79	9.40	5.17	R 1.13	R 3.75	12.69	R 6.03
1993	—	1.98	1.98	3.17	2.93	5.16	5.05	9.37	18.96	9.26	2.18	8.07	5.54	R 1.11	R 3.86	12.89	R 6.18
1994	—	1.93	1.93	2.84	2.93	5.18	5.10	7.21	19.11	9.46	2.17	9.01	R 5.42	R 1.17	R 3.66	12.91	R 6.10
1995	—	1.81	1.81	2.42	3.13	5.21	5.21	7.59	19.41	9.46	2.41	9.31	5.37	R 1.23	R 3.45	12.61	R 5.75
1996	—	1.51	1.51	2.92	2.99	6.31	6.12	9.24	20.08	10.50	2.98	14.85	5.94	R 1.08	R 3.74	12.50	R 5.89
1997	—	1.65	1.65	3.22	3.32	6.01	5.75	9.01	17.98	10.45	3.09	14.50	6.02	R 1.08	R 4.00	12.70	R 6.22
1998	—	1.60	1.60	R 2.83	2.98	4.72	4.05	7.87	19.07	9.11	2.04	11.44	R 4.97	R 1.35	R 3.35	13.05	R 5.86
1999	—	1.67	1.67	2.92	3.16	5.06	5.19	8.05	16.75	9.70	2.26	11.80	R 5.05	R 1.49	R 3.45	13.37	R 6.01
2000	—	1.58	1.58	R 4.36	4.40	7.93	8.28	12.09	17.99	12.33	3.97	R 13.02	R 7.19	R 1.51	R 4.72	13.40	R 6.98
2001	—	1.68	1.68	5.10	3.88	7.60	7.49	11.87	19.00	12.16	4.18	12.33	7.11	1.62	5.18	13.24	6.96
	Expenditures in Million Nominal Dollars																
1970	8.6	12.2	20.8	40.6	20.0	37.5	1.2	5.6	9.1	56.3	9.4	2.6	141.9	2.5	205.7	118.8	324.5
1975	45.4	22.2	67.6	83.5	67.2	111.0	2.5	18.8	11.4	76.1	19.0	7.0	313.2	3.4	467.7	254.2	721.9
1980	—	31.9	31.9	251.7	78.4	188.2	3.3	73.5	28.2	67.1	22.0	16.7	477.3	6.5	767.4	584.6	1,351.9
1985	—	43.8	43.8	259.4	165.1	R 184.4	0.9	74.4	31.4	87.8	6.2	15.8	R 566.1	7.6	R 876.9	755.7	R 1,632.6
1986	—	39.1	39.1	190.8	140.3	R 145.9	0.9	88.9	27.2	62.0	15.8	13.4	R 494.4	8.6	R 733.0	755.8	R 1,488.8
1987	—	31.3	31.3	176.0	137.2	R 140.2	0.3	50.3	26.8	61.1	11.5	15.0	R 442.4	8.6	R 658.3	826.1	R 1,484.4
1988	—	27.9	27.9	210.1	117.1	R 139.8	0.9	64.2	27.8	52.2	9.9	11.9	R 423.9	9.0	R 670.8	905.7	R 1,576.5
1989	—	35.5	35.5	224.2	98.5	R 152.6	1.6	61.9	28.3	57.4	R 8.1	10.3	R 418.7	R d 23.6	R d 701.9	907.9	R d 1,609.9
1990	—	47.0	47.0	250.7	132.5	R 207.8	0.3	84.3	29.3	56.1	R 7.9	10.0	R 528.2	R 14.3	R 840.2	948.6	R 1,788.9
1991	—	28.5	28.5	243.8	106.6	R 173.8	0.3	86.7	30.2	70.5	6.0	38.5	R 512.5	R 17.3	R 802.1	992.2	R 1,794.3
1992	—	37.7	37.7	271.2	95.9	R 194.8	0.3	84.3	33.6	67.8	R 6.8	48.2	R 531.7	R 19.1	R 859.8	993.8	R 1,853.6
1993	—	49.1	49.1	R 297.6	93.2	R 173.5	0.5	121.2	35.4	59.4	R 9.9	41.9	R 534.9	R 20.8	R 902.4	1,044.0	R 1,946.4
1994	—	51.9	51.9	R 258.1	92.2	R 175.9	2.2	107.0	37.3	62.0	R 7.8	47.2	R 531.5	R 24.0	R 865.4	1,093.1	R 1,958.6
1995	—	48.3	48.3	R 247.8	132.8	R 182.4	0.9	117.3	37.2	58.8	R 4.1	46.4	R 580.1	R 32.2	R 908.4	1,114.8	R 2,023.2
1996	—	R 60.3	R 60.3	R 290.7	132.3	R 238.8	1.2	157.8	37.4	36.7	R 5.7	38.7	R 648.6	R 28.0	R 1,027.6	1,119.7	R 2,147.3
1997	—	46.3	46.3	R 336.5	146.8	R 223.8	0.8	110.6	35.3	100.6	R 5.0	37.8	R 660.7	R 27.9	R 1,071.4	1,169.6	R 2,241.0
1998	—	R 59.9	R 59.9	R 287.5	136.1	R 173.0	0.6	75.2	39.2	58.9	R 1.0	31.4	R 515.5	R 33.6	R 896.5	1,223.7	R 2,120.2
1999	—	60.6	60.6	R 296.6	162.5	R 155.8	2.2	84.6	34.8	51.9	R 1.5	32.0	R 525.2	R 36.2	R 918.6	1,234.5	R 2,153.1
2000	—	R 63.8	R 63.8	R 444.0	216.7	R 224.2	R 3.1	147.7	36.8	63.9	8.3	R 31.3	R 732.0	R 41.6	R 1,281.4	1,285.6	R 2,567.0
2001	—	40.8	40.8	453.1	167.7	227.9	0.6	141.7	35.7	92.8	7.1	28.1	701.6	44.6	1,240.1	894.8	2,134.9

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Minnesota

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.47	—	2.17	1.24	0.75	1.20	5.08	2.97	0.57	2.64	2.64	—	2.64
1975	0.87	—	3.45	2.67	2.09	2.61	7.48	4.63	1.70	4.13	4.13	—	4.13
1980	—	—	9.02	7.16	6.47	4.87	14.36	9.55	3.81	8.88	8.88	—	8.88
1985	—	—	9.99	8.68	5.93	R 9.74	17.61	9.73	3.91	9.15	9.15	—	9.15
1986	—	—	8.41	6.78	4.04	R 9.65	15.59	7.42	3.65	R 6.99	R 6.99	—	R 6.99
1987	—	—	7.55	7.15	4.15	R 7.20	13.58	7.71	2.25	7.36	7.36	—	7.36
1988	—	—	7.41	7.21	3.94	R 9.20	14.62	7.81	1.83	7.48	7.48	—	7.48
1989	—	—	8.28	7.83	4.47	R 8.55	14.48	8.72	1.84	8.33	8.33	—	8.33
1990	—	—	9.32	9.19	5.68	R 11.23	14.60	9.56	—	9.23	9.23	—	9.23
1991	—	—	8.71	8.28	4.87	R 10.01	16.80	9.31	1.98	8.85	8.85	—	8.85
1992	—	—	8.54	8.12	4.64	R 7.16	18.32	9.11	1.32	8.58	8.58	—	8.58
1993	—	6.01	8.24	8.22	4.33	R 10.62	18.96	9.26	1.51	R 8.52	R 8.52	—	R 8.52
1994	—	1.88	7.96	8.32	3.96	R 10.42	19.11	9.46	1.65	8.61	8.61	—	8.61
1995	—	1.80	8.36	8.23	4.00	R 9.68	19.41	9.46	—	R 8.61	8.60	—	8.60
1996	—	3.36	9.29	9.22	4.79	R 10.09	20.08	10.50	—	9.56	9.56	—	9.56
1997	—	3.44	9.39	9.07	4.65	R 9.52	17.98	10.45	R 2.42	9.43	9.43	—	9.43
1998	—	R 2.36	8.11	7.79	3.54	R 9.40	19.07	9.11	—	R 8.21	R 8.21	—	R 8.21
1999	—	3.35	8.81	8.38	4.03	R 11.82	16.75	9.70	R 2.31	8.67	8.67	—	8.67
2000	—	4.56	R 10.87	10.92	6.53	R 14.98	17.99	12.33	R 3.56	11.19	11.19	—	11.19
2001	—	4.96	11.01	10.60	5.83	16.28	19.00	12.16	3.02	11.04	11.04	—	11.04
	Expenditures in Million Nominal Dollars												
1970	(s)	—	3.0	36.6	14.7	0.4	19.3	628.9	0.1	703.1	703.1	—	703.1
1975	(s)	—	3.7	104.1	66.5	0.9	34.1	1,088.1	6.2	1,303.7	1,303.8	—	1,303.8
1980	—	—	8.8	338.4	188.3	1.2	69.3	2,235.3	23.2	2,864.5	2,864.5	—	2,864.5
1985	—	—	7.8	R 406.5	261.4	R 4.3	77.4	2,209.8	3.8	R 2,970.9	R 2,970.9	—	R 2,970.9
1986	—	—	9.6	R 312.7	178.6	R 4.4	67.0	1,709.5	0.8	R 2,282.5	R 2,282.5	—	R 2,282.5
1987	—	—	6.8	R 357.8	132.8	R 1.9	65.9	1,832.9	0.1	R 2,398.1	R 2,398.1	—	R 2,398.1
1988	—	—	6.2	R 379.3	114.7	R 2.5	68.4	1,940.8	0.1	R 2,512.0	R 2,512.0	—	R 2,512.0
1989	—	—	6.6	R 395.4	118.0	R 1.9	69.6	2,159.7	(s)	R 2,751.3	R 2,751.3	—	R 2,751.3
1990	—	—	10.0	R 490.6	164.0	R 2.3	72.2	2,264.5	—	R 3,003.6	R 3,003.6	—	R 3,003.6
1991	—	—	8.3	R 503.0	137.3	R 1.9	74.3	2,294.6	(s)	R 3,019.4	R 3,019.4	—	R 3,019.4
1992	—	—	5.8	R 516.0	173.8	R 1.4	82.6	2,305.9	(s)	R 3,085.5	R 3,085.5	—	R 3,085.5
1993	—	R 0.1	5.5	R 528.2	231.3	R 3.8	87.0	2,435.0	(s)	R 3,290.9	R 3,291.0	—	R 3,291.0
1994	—	R (s)	5.0	R 590.4	219.2	R 4.8	91.7	2,535.0	(s)	R 3,446.2	R 3,446.2	—	R 3,446.2
1995	—	(s)	5.4	R 619.4	226.1	4.7	91.6	2,618.6	—	R 3,565.8	R 3,565.8	—	R 3,565.8
1996	—	0.1	5.8	R 693.0	288.7	R 5.1	91.9	2,965.5	—	R 4,050.1	R 4,050.2	—	R 4,050.2
1997	—	R (s)	6.5	R 702.6	287.2	R 4.7	86.9	2,882.1	0.1	R 3,970.2	R 3,970.2	—	R 3,970.2
1998	—	0.1	3.8	R 668.6	214.8	R 0.5	96.5	2,654.3	—	R 3,638.5	R 3,638.6	—	R 3,638.6
1999	—	R 0.2	6.3	R 752.6	287.7	0.3	85.6	2,974.4	(s)	R 4,106.9	R 4,107.1	—	R 4,107.1
2000	—	R 0.3	R 7.4	R 1,053.0	492.2	R 0.4	90.6	3,857.8	R 5.0	R 5,506.4	R 5,506.7	—	R 5,506.7
2001	—	0.3	5.3	1,001.5	383.0	0.8	87.7	3,848.3	3.4	5,329.9	5,330.3	—	5,330.3

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Minnesota (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.34	0.26	0.74	0.85	0.28	0.73	—	0.65	1.31	—	0.34
1975	0.62	0.64	1.95	2.26	0.54	2.03	0.24	0.92	2.65	2.02	0.53
1980	1.04	1.99	4.46	5.80	—	4.86	0.44	1.74	4.72	3.59	0.95
1985	1.43	3.69	3.99	5.97	—	5.96	0.50	—	6.36	4.84	1.23
1986	1.36	2.95	—	3.91	—	3.91	0.50	—	6.31	4.80	1.42
1987	1.21	2.08	2.39	4.47	—	4.46	0.51	0.95	6.11	4.65	1.09
1988	1.20	1.98	2.06	3.69	0.82	2.07	0.49	0.87	6.02	4.58	0.96
1989	1.20	2.15	2.13	4.42	0.77	1.16	0.49	0.88	6.05	4.60	1.03
1990	1.25	1.92	1.86	5.33	0.76	1.25	0.48	0.62	5.84	5.66	1.05
1991	1.26	1.70	2.16	4.63	0.77	1.09	0.47	0.72	4.60	3.06	1.11
1992	1.19	1.84	1.47	4.51	0.70	0.90	0.44	0.61	4.37	3.19	1.11
1993	1.13	2.45	1.65	4.42	0.71	0.99	0.41	0.55	4.01	2.89	1.07
1994	1.14	2.13	—	4.20	0.69	1.03	0.47	0.54	4.09	2.27	1.12
1995	1.14	1.76	—	4.07	0.69	1.17	0.48	0.51	4.04	2.18	1.12
1996	1.07	2.17	2.34	4.87	0.64	1.12	0.48	0.41	3.82	2.31	1.09
1997	1.09	2.44	2.30	4.83	0.65	1.34	0.47	0.38	3.77	1.62	1.15
1998	1.07	2.34	1.64	3.53	0.64	1.06	0.48	0.40	4.01	3.02	1.11
1999	1.10	2.66	2.12	4.21	0.63	1.14	0.48	0.40	4.92	4.16	1.11
2000	1.11	4.49	3.56	6.60	0.33	1.47	0.45	0.40	3.04	3.52	1.10
2001	1.02	5.21	3.20	6.68	0.39	1.50	0.47	0.55	3.29	3.82	1.10
	Expenditures in Million Nominal Dollars										
1970	43.1	15.3	3.9	2.7	0.2	6.9	—	0.1	0.6	—	65.9
1975	84.9	14.2	10.4	8.9	0.2	19.5	25.5	(s)	1.7	(s)	145.9
1980	230.9	16.0	10.1	5.6	—	15.8	48.6	(s)	16.3	0.8	326.9
1985	286.5	4.7	(s)	1.7	—	1.7	61.4	—	58.5	0.4	412.4
1986	241.4	5.1	—	1.4	—	1.4	58.0	—	150.4	2.1	454.2
1987	284.5	11.8	(s)	2.6	—	2.6	61.2	0.4	50.3	7.5	403.4
1988	339.9	10.4	0.1	2.8	0.8	3.7	63.3	1.4	31.5	50.0	400.1
1989	360.6	9.7	0.1	2.1	3.2	5.4	56.6	2.8	41.5	38.3	438.3
1990	373.7	10.3	(s)	2.8	3.3	6.2	61.2	4.8	34.7	19.6	471.2
1991	358.6	10.1	(s)	2.4	4.4	6.9	59.3	4.7	49.0	2.8	485.8
1992	332.9	9.1	(s)	1.6	4.5	6.1	50.9	5.0	81.6	0.5	485.2
1993	339.1	9.8	(s)	2.3	4.6	6.9	52.0	4.5	91.8	4.7	499.4
1994	343.3	12.6	—	2.7	4.1	6.8	59.9	4.4	109.6	0.9	535.8
1995	348.7	14.8	—	3.2	3.2	6.4	66.2	4.4	118.4	1.1	557.8
1996	332.5	11.6	(s)	4.0	4.0	8.0	60.4	3.6	118.4	2.0	532.5
1997	341.1	15.1	0.1	7.1	4.9	12.1	53.9	3.6	128.7	0.7	553.8
1998	340.9	31.9	(s)	3.8	4.0	7.8	58.1	3.4	122.5	10.5	554.0
1999	334.0	30.7	(s)	5.3	4.8	10.1	66.4	3.3	119.2	15.6	548.1
2000	370.2	45.2	(s)	9.5	2.2	11.7	61.2	3.6	88.2	7.5	572.5
2001	334.7	56.5	1.0	7.7	2.3	11.1	57.3	4.7	99.6	7.8	556.1

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Mississippi

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.26	0.26	0.38	1.32	0.73	1.83	2.84	0.45	1.22	2.14	—	1.35	1.16	0.27	4.44	1.71
1975	—	0.83	0.83	0.87	2.24	2.03	3.42	4.34	1.67	2.59	3.12	—	1.51	2.26	1.24	7.58	3.19
1980	—	1.83	1.83	2.55	6.89	6.39	6.31	10.53	2.84	6.15	7.10	—	1.84	4.89	2.16	13.69	7.27
1985	—	2.50	2.50	3.76	R 6.76	5.84	R 7.67	8.75	4.06	7.33	R 7.69	1.13	2.30	R 5.11	2.30	17.05	R 8.13
1986	—	2.27	2.27	3.40	R 5.32	3.41	R 8.32	6.54	2.01	6.96	R 5.69	1.15	2.03	R 4.13	2.05	18.01	R 7.23
1987	—	1.94	1.94	3.33	R 5.81	3.97	R 8.70	6.97	1.94	5.56	R 6.07	0.89	1.93	R 4.04	1.58	17.87	R 7.39
1988	—	1.81	1.81	3.19	R 5.75	3.43	R 9.04	7.27	2.79	5.14	R 6.04	1.40	1.94	R 4.00	1.70	18.21	R 7.33
1989	—	1.67	1.67	2.89	R 6.36	3.92	R 9.34	8.07	2.41	5.63	R 6.75	1.17	R e 1.30	R e 4.14	1.56	18.25	R e 7.34
1990	—	1.66	1.66	R 2.75	R 7.47	5.16	R 6.60	9.21	2.33	5.45	R 7.46	1.11	R 1.12	R 4.38	1.54	18.05	R 7.80
1991	—	1.67	1.67	2.59	R 6.91	4.59	R 7.46	8.92	1.75	5.91	R 7.03	0.88	R 1.25	R 4.15	1.36	17.79	R 7.45
1992	—	1.60	1.60	2.71	R 6.86	4.33	R 6.22	8.62	1.70	5.85	R 6.80	0.70	R 1.24	R 4.15	1.31	17.84	R 7.32
1993	—	1.64	1.64	3.31	R 6.91	3.96	R 6.99	8.58	1.69	6.18	R 6.49	0.56	R 1.18	R 4.19	1.43	18.29	R 7.57
1994	—	1.58	1.58	2.95	R 6.75	3.70	R 7.37	8.71	1.58	6.25	R 6.88	0.52	R 1.17	R 4.10	1.30	17.94	R 7.70
1995	—	1.54	1.54	2.62	R 6.61	3.73	R 7.01	8.89	1.92	6.14	R 7.16	0.52	1.24	R 4.07	1.32	17.74	R 7.63
1996	—	R 1.52	R 1.52	3.58	R 7.53	4.47	R 8.37	9.48	2.19	6.60	R 7.81	0.50	R 1.05	R 4.56	R 1.54	17.77	R 8.32
1997	—	1.55	1.55	3.70	R 7.17	4.21	R 11.44	9.33	2.70	6.08	R 7.49	0.47	R 0.99	R 4.43	1.51	17.46	R 8.22
1998	—	1.54	1.54	3.25	R 6.14	3.15	R 10.44	7.90	1.98	5.73	R 6.11	0.48	R 1.31	R 3.97	1.47	17.65	R 7.95
1999	—	1.55	1.55	R 3.21	R 6.72	3.77	R 8.61	8.60	1.55	5.53	6.76	R 0.47	R 1.45	R 4.24	R 1.55	16.68	R 7.82
2000	—	1.53	1.53	R 4.69	R 9.34	6.24	R 13.51	11.11	R 3.30	R 6.96	9.30	R 0.42	R 1.53	R 5.52	R 1.98	17.27	R 9.53
2001	—	1.64	1.64	5.11	8.77	5.42	12.94	10.49	3.70	7.71	8.64	0.40	1.66	5.33	2.15	18.52	10.13
	Expenditures in Million Nominal Dollars																
1970	—	3.5	3.5	111.2	46.2	6.3	59.4	362.5	1.9	40.6	516.9	—	12.8	644.4	-31.7	225.9	838.7
1975	—	27.5	27.5	154.3	127.6	16.3	102.3	633.5	126.6	85.3	1,091.6	—	13.3	1,286.7	-154.7	486.0	1,618.0
1980	—	137.6	137.6	553.4	383.8	53.3	125.9	1,481.0	284.7	137.2	2,465.9	—	16.6	3,173.5	-438.6	1,075.9	3,810.7
1985	—	273.2	273.2	710.7	R 529.8	134.1	R 128.8	1,267.5	33.5	155.2	R 2,248.9	52.2	27.8	R 3,312.8	-475.1	1,455.8	R 4,293.5
1986	—	246.5	246.5	581.3	R 396.1	93.8	R 110.7	980.8	53.0	134.7	R 1,769.1	49.6	27.3	R 2,673.8	-419.0	1,582.5	R 3,837.3
1987	—	237.6	237.6	530.0	R 449.3	171.0	R 117.5	1,075.5	24.8	118.9	R 1,956.9	71.8	25.0	R 2,821.2	-378.9	1,606.2	R 4,048.5
1988	—	234.1	234.1	515.9	R 498.6	154.5	R 129.6	1,125.4	59.2	125.6	R 2,092.9	141.9	26.1	R 3,010.9	-451.8	1,694.2	R 4,253.3
1989	—	R 160.0	R 160.0	R 521.2	R 522.0	144.6	R 168.7	1,229.9	R 48.5	113.4	R 2,227.2	96.6	R e 71.0	R e 3,076.1	R -353.8	1,786.8	R e 4,509.1
1990	—	R 172.4	R 172.4	R 557.3	R 575.3	201.1	R 169.4	1,407.2	R 49.7	130.1	R 2,532.9	87.1	R 60.2	R 3,409.9	-386.3	1,914.8	R 4,938.5
1991	—	159.4	159.4	524.1	R 540.9	208.6	R 164.2	1,396.5	R 51.0	158.1	R 2,519.3	84.7	R 73.0	R 3,360.6	R -344.5	1,940.3	R 4,956.4
1992	—	R 139.3	R 139.3	R 529.1	R 526.0	269.5	R 139.7	1,382.5	R 35.3	142.3	R 2,495.2	60.1	R 73.0	R 3,296.7	R -297.4	1,959.0	R 4,958.3
1993	—	R 163.1	R 163.1	R 589.4	R 536.0	186.0	R 156.4	1,437.6	R 94.5	142.3	R 2,552.7	46.2	R 76.3	R 3,427.7	R -359.0	2,088.1	R 5,156.8
1994	—	R 153.4	R 153.4	R 619.6	R 560.4	141.4	R 174.0	1,497.8	R 53.0	151.9	R 2,578.5	52.3	R 79.1	R 3,482.9	R -374.5	2,138.9	R 5,247.2
1995	—	159.9	159.9	R 623.8	R 541.4	159.9	R 172.7	1,577.3	R 31.3	160.9	R 2,643.4	44.1	R 101.3	R 3,572.5	R -390.5	2,190.4	R 5,372.5
1996	—	R 193.9	R 193.9	R 760.3	R 651.0	181.2	R 270.3	1,689.5	R 47.7	186.4	R 3,026.2	48.1	R 79.0	R 4,107.4	R -488.2	2,331.8	R 5,951.0
1997	—	205.2	205.2	R 747.9	R 695.5	189.1	R 127.8	1,721.8	R 89.9	195.1	R 3,019.1	R 53.8	R 75.0	R 4,101.1	R -516.1	2,326.1	R 5,911.2
1998	—	R 194.2	R 194.2	R 640.4	R 604.9	137.1	105.1	1,510.9	R 118.4	196.3	R 2,672.7	R 46.4	R 74.4	R 3,628.1	R -512.4	2,500.9	R 5,616.6
1999	—	214.0	214.0	R 843.7	R 685.1	206.5	R 165.3	1,721.8	R 56.8	193.1	R 3,028.5	R 41.6	R 83.7	R 4,211.5	R -560.9	2,443.0	R 6,093.6
2000	—	225.0	225.0	R 1,220.2	R 897.9	318.8	R 318.8	2,152.6	R 122.6	R 218.5	R 4,029.2	R 47.1	R 103.7	R 5,625.2	R -765.6	2,605.6	R 7,465.2
2001	—	324.4	324.4	1,492.6	867.9	258.6	351.7	1,993.4	229.9	184.4	3,885.9	41.1	82.7	5,826.7	-1,087.4	2,719.4	7,458.7

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Mississippi

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	—	0.86	1.24	2.06	2.16	2.14	0.85	1.30	5.06	2.36
1975	—	1.38	2.49	3.79	4.10	3.98	1.69	2.31	8.06	4.37
1980	2.97	3.36	6.89	10.48	8.35	8.41	4.31	4.45	14.38	9.01
1985	2.74	5.33	7.07	6.78	7.71	7.69	R 4.88	5.75	18.12	11.88
1986	2.89	5.47	5.15	5.10	8.61	8.48	3.91	5.90	19.13	12.70
1987	2.88	6.01	4.89	4.63	8.90	R 8.78	R 3.73	R 6.43	19.01	12.80
1988	2.62	5.76	4.42	4.54	9.17	R 9.07	R 3.77	6.31	19.15	12.85
1989	2.64	R 4.96	3.86	4.54	9.77	9.67	4.16	R 5.96	20.00	R 13.08
1990	2.70	5.16	4.59	4.98	9.50	9.45	3.53	R 5.91	20.19	13.46
1991	2.81	5.06	4.23	6.47	10.70	R 10.62	R 3.38	5.91	20.16	13.53
1992	2.69	4.70	7.66	5.94	9.28	9.23	R 3.09	5.29	20.55	13.31
1993	2.73	5.11	7.16	5.89	10.29	10.21	3.02	5.98	20.88	13.87
1994	—	R 5.30	7.63	4.39	10.82	10.72	2.93	6.23	20.70	R 14.12
1995	—	R 5.17	5.32	4.07	10.95	10.84	2.87	R 6.05	20.49	R 14.14
1996	—	R 5.56	5.98	4.60	12.77	12.65	3.29	R 6.83	20.65	R 14.33
1997	2.72	R 6.13	5.69	6.32	12.64	12.54	3.27	R 7.39	20.58	R 14.89
1998	—	R 5.78	4.56	3.08	11.44	11.29	2.84	R 6.88	20.59	R 15.28
1999	—	R 5.75	5.00	3.09	11.58	11.46	2.92	R 7.00	19.79	R 14.80
2000	—	R 7.18	8.59	8.01	15.87	15.76	4.38	R 9.91	20.31	R 15.83
2001	—	10.10	7.28	6.28	16.70	16.56	4.17	12.10	21.61	17.44
	Expenditures in Million Nominal Dollars									
1970	—	32.4	0.6	0.9	42.0	43.5	1.6	77.4	118.7	196.1
1975	—	41.6	2.8	2.7	64.4	70.0	3.1	114.6	222.5	337.1
1980	(s)	102.6	0.3	2.6	67.5	70.4	5.0	178.0	488.9	666.9
1985	(s)	140.4	0.1	1.0	53.2	54.3	14.0	208.7	646.0	854.7
1986	(s)	141.4	0.1	1.1	53.1	54.3	10.9	206.6	709.4	916.0
1987	0.1	162.3	R 0.3	0.7	65.3	R 66.3	8.8	R 237.4	721.8	R 959.2
1988	0.2	157.3	0.1	0.7	69.7	70.5	9.2	237.1	746.0	983.1
1989	(s)	134.2	0.1	0.6	81.7	R 82.4	10.5	227.2	786.0	1,013.2
1990	(s)	133.5	(s)	0.3	74.3	74.6	12.6	220.8	845.1	1,065.9
1991	(s)	134.2	(s)	0.8	72.0	72.9	12.7	219.8	861.0	1,080.8
1992	(s)	131.1	R (s)	0.5	58.6	R 59.1	R 12.3	202.5	870.9	1,073.4
1993	(s)	148.3	0.1	0.8	81.6	R 82.5	9.0	239.8	940.4	1,180.2
1994	—	R 147.9	(s)	0.5	84.9	85.5	8.5	R 241.9	963.6	R 1,205.5
1995	—	142.3	(s)	0.5	77.2	77.7	9.3	229.3	991.3	1,220.6
1996	—	172.5	(s)	0.6	110.6	111.2	10.6	294.3	1,054.2	1,348.5
1997	(s)	175.4	(s)	0.8	102.4	103.1	5.0	283.6	1,040.4	1,324.0
1998	—	151.1	(s)	0.4	87.8	88.3	3.9	243.3	1,151.6	1,394.9
1999	—	147.1	0.1	0.4	97.5	97.9	4.3	249.4	1,102.0	1,351.4
2000	—	R 202.5	0.1	1.6	228.9	230.6	6.8	R 439.9	1,191.5	R 1,631.3
2001	—	288.0	0.2	1.1	249.9	251.3	5.5	544.8	1,242.8	1,787.6

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Mississippi

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	—	0.57	0.96	—	1.33	2.84	0.49	1.39	0.85	0.70	5.53	1.96
1975	—	0.92	2.18	—	2.66	4.34	1.72	2.17	1.69	1.29	8.59	3.34
1980	1.65	2.97	6.27	—	4.92	10.53	3.02	3.36	4.31	3.17	15.87	6.70
1985	1.85	4.95	6.24	6.78	7.62	8.75	4.33	R 6.76	4.88	R 5.45	19.50	R 12.04
1986	1.78	4.88	3.66	5.10	8.06	6.54	2.12	R 5.19	3.91	R 4.93	20.66	R 12.70
1987	1.70	5.21	4.12	4.63	8.42	6.97	2.18	R 5.73	3.73	R 5.32	20.22	R 12.38
1988	1.68	4.94	3.70	4.54	8.84	7.27	1.94	R 5.89	3.77	R 5.10	21.34	R 13.04
1989	1.70	R 4.60	4.23	4.54	8.92	8.07	2.71	R 5.92	4.16	R 4.92	21.18	R 13.06
1990	1.74	4.34	5.57	4.98	5.32	9.21	—	R 6.18	3.53	R 4.70	21.34	R 13.42
1991	1.74	4.15	4.86	6.47	6.01	8.92	2.03	R 5.59	3.38	R 4.42	21.22	R 13.28
1992	1.71	3.92	4.54	5.94	5.02	8.62	2.08	R 5.53	3.09	R 4.21	21.58	R 13.17
1993	1.64	4.28	4.43	5.89	5.16	8.58	—	R 5.08	3.02	4.38	22.16	R 13.60
1994	—	4.42	4.10	4.39	8.84	8.71	—	R 6.42	2.93	R 4.77	21.50	R 13.45
1995	—	R 4.19	4.19	4.07	9.25	8.89	—	R 6.40	2.87	R 4.49	20.92	R 13.35
1996	—	R 5.07	5.02	4.60	10.25	9.48	—	R 7.25	3.29	R 5.39	21.15	R 13.56
1997	1.67	R 5.08	4.79	6.32	10.48	9.33	—	R 7.34	3.27	R 5.38	19.98	R 13.79
1998	—	R 4.51	3.66	3.08	9.38	7.90	—	R 5.99	2.84	R 4.71	19.73	R 13.69
1999	—	R 4.68	4.34	3.09	9.69	8.60	—	R 6.82	2.92	R 4.97	18.48	R 13.37
2000	—	R 6.24	6.94	8.01	12.85	11.11	—	R 10.64	4.38	R 6.93	19.16	R 14.36
2001	—	8.00	6.10	6.28	13.69	10.49	3.19	10.00	4.17	8.35	20.72	15.81
	Expenditures in Million Nominal Dollars											
1970	—	13.9	0.6	—	4.6	1.4	0.1	6.7	(s)	20.6	57.0	77.6
1975	—	22.6	3.0	—	7.4	2.4	9.7	22.5	0.1	45.1	116.7	161.9
1980	0.1	64.1	0.9	—	7.0	6.8	64.7	79.4	0.1	143.6	276.8	420.4
1985	(s)	84.1	R 27.4	1.5	9.3	6.2	0.3	R 44.7	0.4	R 129.2	407.9	R 537.1
1986	0.1	84.1	R 7.0	0.5	8.8	7.5	1.2	R 25.0	0.3	R 109.5	446.7	R 556.1
1987	R 0.1	94.8	R 11.9	0.2	10.9	9.7	0.3	R 33.1	0.3	R 128.3	439.8	R 568.1
1988	0.4	90.9	R 8.2	0.1	11.9	7.1	0.2	R 27.5	0.3	R 119.1	477.0	R 596.1
1989	0.1	83.1	R 14.9	0.1	13.2	6.8	0.2	R 35.2	0.4	R 118.8	513.0	R 631.8
1990	(s)	78.6	R 13.0	0.2	7.3	8.0	—	R 28.5	0.8	R 107.9	539.3	R 647.2
1991	(s)	75.9	R 13.0	0.2	7.1	3.8	(s)	R 24.1	0.8	R 100.9	541.5	R 642.4
1992	(s)	74.1	R 10.2	0.3	5.6	7.8	(s)	R 23.9	0.8	R 98.8	539.6	R 638.4
1993	(s)	84.1	R 7.1	0.2	7.2	2.2	—	R 16.7	0.7	R 101.5	553.4	R 655.0
1994	—	R 87.7	R 9.0	0.1	12.2	6.8	—	R 28.2	0.7	R 116.6	567.0	R 683.6
1995	—	85.2	R 7.8	0.2	11.5	2.3	—	R 21.7	0.7	R 107.6	586.1	R 693.7
1996	—	116.0	R 11.6	0.1	15.7	2.8	—	R 30.3	0.9	R 147.2	621.7	R 768.8
1997	(s)	116.1	R 9.2	0.5	15.0	2.3	—	R 26.9	0.5	R 143.6	726.0	R 869.5
1998	—	101.2	R 7.8	0.1	12.7	2.0	—	R 22.6	0.5	R 124.3	775.6	R 900.0
1999	—	98.6	R 6.6	0.8	14.4	2.0	—	R 23.7	0.5	R 122.9	751.7	R 874.5
2000	—	R 141.1	R 10.5	0.4	32.7	2.6	—	R 46.2	0.8	R 188.1	803.4	R 991.5
2001	—	176.3	11.8	0.4	36.2	2.2	1.0	51.5	0.6	228.4	859.9	1,088.3

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Mississippi

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.33	0.33	0.29	0.66	0.74	0.79	1.33	5.08	2.84	0.40	0.43	0.97	1.47	0.54	2.94	0.73
1975	—	1.11	1.11	0.71	1.77	1.70	1.86	2.66	7.48	4.34	1.77	1.61	2.09	1.47	1.32	6.39	1.93
1980	—	1.65	1.65	2.66	3.56	5.55	6.21	4.92	14.36	10.53	2.82	5.46	4.77	1.47	3.53	11.42	4.81
1985	—	1.85	1.85	3.68	4.81	6.21	5.89	7.62	17.61	8.75	4.33	6.00	R 6.62	1.47	R 4.47	13.94	R 5.93
1986	—	1.78	1.78	3.08	4.90	3.75	3.49	8.06	15.59	6.54	2.12	4.81	R 4.94	1.52	3.57	14.63	R 5.41
1987	—	1.70	1.70	2.71	3.27	4.37	4.33	8.42	13.58	6.97	2.18	5.70	R 5.04	1.52	R 3.37	14.74	R 5.44
1988	—	1.68	1.68	2.50	3.03	3.88	3.82	8.84	14.62	7.27	1.94	4.76	R 4.59	1.52	R 3.13	14.84	R 5.15
1989	—	1.70	1.70	R 2.47	2.86	4.60	4.65	8.92	14.48	8.07	2.71	5.41	R 5.25	R d 1.16	R d 2.84	14.18	R d 4.51
1990	—	1.74	1.74	2.49	2.93	5.89	5.95	5.32	14.60	9.21	3.02	6.34	R 5.28	R 0.93	R 2.97	13.62	R 4.61
1991	—	1.74	1.74	2.28	3.29	5.13	4.90	6.01	16.80	8.92	2.03	6.46	R 5.46	R 1.09	R 2.90	13.17	R 4.52
1992	—	1.71	1.71	2.40	2.04	4.91	4.65	5.02	18.32	8.62	2.08	7.20	R 5.07	R 1.10	R 2.80	12.93	R 4.48
1993	—	1.64	1.64	2.92	2.36	4.81	4.30	5.16	18.96	8.58	2.02	6.26	R 5.05	R 1.08	R 2.90	13.46	R 4.73
1994	—	1.65	1.65	2.89	2.47	4.54	4.11	5.17	19.11	8.71	2.32	6.60	R 5.02	R 1.09	R 2.90	13.14	R 4.77
1995	—	1.64	1.64	R 2.65	2.63	4.51	4.18	5.06	19.41	8.89	2.47	6.98	R 4.99	R 1.17	R 2.78	13.03	R 4.55
1996	—	R 1.65	R 1.65	R 3.33	3.12	5.44	5.01	6.48	20.08	9.48	2.75	7.99	R 5.93	R 0.94	R 3.37	12.92	R 5.14
1997	—	1.67	1.67	R 3.43	3.23	5.16	4.59	5.75	17.98	9.33	3.33	7.38	R 5.40	R 0.94	R 3.08	12.08	R 4.67
1998	—	1.63	1.63	R 3.06	3.11	4.00	3.31	4.27	19.07	7.90	1.97	5.78	R 4.56	R 1.27	R 2.96	12.36	R 4.82
1999	—	1.64	1.64	3.11	2.86	4.61	4.18	4.96	16.75	8.60	2.20	6.97	4.97	R 1.41	R 3.21	11.77	R 4.71
2000	—	1.64	1.64	R 4.48	3.78	7.21	6.78	8.28	17.99	11.11	3.90	8.74	7.05	R 1.45	R 4.21	12.14	R 5.62
2001	—	1.70	1.70	5.67	4.26	6.67	5.79	6.77	19.00	10.49	3.19	7.74	6.98	1.58	4.99	12.90	6.52
	Expenditures in Million Nominal Dollars																
1970	—	0.4	0.4	37.6	7.7	13.3	11.6	10.5	7.5	4.6	0.5	0.8	56.4	11.2	105.7	50.2	155.9
1975	—	0.6	0.6	63.2	30.4	43.4	13.8	25.9	17.0	5.0	8.3	4.0	147.6	10.2	221.6	146.7	368.3
1980	—	2.0	2.0	182.6	48.1	111.3	7.0	48.6	29.7	4.1	37.3	13.1	299.1	11.5	495.3	310.2	805.5
1985	—	10.7	10.7	330.6	65.5	R 137.8	0.7	59.8	33.1	34.5	2.2	17.3	R 351.0	13.4	R 705.8	401.9	R 1,107.7
1986	—	10.3	10.3	241.5	61.9	R 72.2	0.6	43.1	28.7	21.6	13.0	9.7	R 250.6	16.0	R 518.4	426.5	R 944.9
1987	—	11.3	11.3	194.7	47.2	R 87.9	1.1	36.2	28.2	23.0	0.6	11.2	R 235.4	15.9	R 457.3	444.6	R 901.9
1988	—	10.5	10.5	204.7	52.8	R 79.0	1.2	43.3	29.3	24.2	6.2	9.6	R 245.6	16.6	R 477.3	471.2	R 948.5
1989	—	10.5	10.5	218.8	37.5	R 94.1	1.0	69.7	29.8	23.8	R 12.3	10.6	R 278.8	R d 60.1	R d 568.2	487.7	R d 1,055.9
1990	—	10.9	10.9	226.3	48.8	R 132.0	1.2	85.0	30.9	28.0	R 12.9	14.0	R 352.7	R 46.8	R 636.8	530.5	R 1,167.2
1991	—	9.8	9.8	213.4	55.2	R 108.6	0.9	82.5	31.8	31.4	1.6	34.9	R 346.9	R 59.5	R 629.5	537.7	R 1,167.2
1992	—	9.9	9.9	223.9	29.4	R 93.5	0.4	73.6	35.3	28.9	1.1	39.7	R 301.9	R 60.0	R 595.7	548.4	R 1,144.1
1993	—	10.4	10.4	R 258.3	30.5	R 87.7	0.9	65.4	37.2	17.3	2.2	34.7	R 275.9	R 66.7	R 611.3	594.3	R 1,205.6
1994	—	11.7	11.7	R 221.4	34.6	R 95.6	0.7	71.5	39.2	19.0	1.9	37.7	R 300.2	R 69.8	R 603.1	608.3	R 1,211.4
1995	—	11.3	11.3	R 199.4	42.4	R 101.9	0.5	81.4	39.2	19.8	0.9	37.8	R 323.8	R 91.4	R 626.0	613.0	R 1,239.0
1996	—	R 9.2	R 9.2	R 241.6	54.0	R 122.0	0.6	141.6	39.3	21.3	R 1.4	52.6	R 432.8	R 67.5	R 751.1	655.9	R 1,407.0
1997	—	9.4	9.4	R 258.9	65.1	R 139.4	0.8	8.3	37.2	23.7	0.4	53.3	R 328.1	R 69.5	R 665.9	559.8	R 1,225.7
1998	—	8.4	8.4	R 212.6	66.5	R 94.2	1.0	4.3	41.3	15.2	R 1.9	44.8	R 269.2	R 70.0	R 560.1	573.7	R 1,133.8
1999	—	7.2	7.2	R 333.6	62.7	R 105.1	0.9	40.0	36.7	32.9	0.2	54.3	R 332.6	R 78.9	R 752.3	589.2	R 1,341.6
2000	—	6.1	6.1	R 473.0	72.4	R 137.1	0.9	51.5	38.8	43.8	0.2	R 63.3	R 407.9	R 96.1	R 983.1	610.8	R 1,593.9
2001	—	6.3	6.3	498.3	54.5	143.2	0.9	64.3	37.5	59.3	3.9	49.5	413.1	76.6	994.3	616.7	1,611.0

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Mississippi

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.33	—	2.17	2.02	0.73	1.33	5.08	2.84	0.43	2.64	2.64	—	2.64
1975	1.11	—	3.45	2.75	2.03	2.66	7.48	4.34	1.49	3.91	3.91	—	3.91
1980	—	—	9.02	7.67	6.39	4.92	14.36	10.53	2.55	8.71	8.71	—	8.71
1985	—	—	9.99	7.05	5.84	R 7.77	17.61	8.75	4.03	R 7.98	R 7.98	—	R 7.98
1986	—	—	8.41	5.96	3.41	R 8.21	15.59	6.54	1.90	5.91	5.91	—	5.91
1987	—	—	7.55	6.44	3.97	R 8.82	13.58	6.97	1.92	6.20	6.20	—	6.20
1988	—	—	7.41	6.42	3.43	R 9.67	14.62	7.27	2.79	6.31	6.31	—	6.31
1989	—	—	8.28	7.12	3.92	R 9.85	14.48	8.07	2.15	7.12	7.12	—	7.12
1990	—	—	9.32	8.25	5.16	R 5.87	14.60	9.21	2.01	8.15	8.15	—	8.15
1991	—	—	8.71	7.73	4.59	R 6.64	16.80	8.92	1.71	7.40	7.40	—	7.40
1992	—	—	8.54	7.63	4.33	R 5.51	18.32	8.62	1.65	7.19	7.19	—	7.19
1993	—	—	8.24	7.66	3.96	R 5.64	18.96	8.58	1.58	7.23	7.23	—	7.23
1994	—	2.73	7.96	7.65	3.70	R 9.41	19.11	8.71	1.55	7.36	7.36	—	7.36
1995	—	1.60	8.36	7.53	3.73	R 9.74	19.41	8.89	1.91	R 7.56	R 7.56	—	R 7.56
1996	—	R 2.44	9.29	8.42	4.47	R 10.36	20.08	9.48	2.21	R 8.36	R 8.36	—	R 8.36
1997	—	R 2.66	9.39	8.05	4.21	R 10.49	17.98	9.33	R 2.76	8.18	8.18	—	8.18
1998	—	R 2.65	8.11	6.91	3.15	R 9.31	19.07	7.90	1.98	R 6.96	R 6.96	—	R 6.96
1999	—	R 2.79	8.81	7.41	3.77	R 10.82	16.75	8.60	R 1.67	R 7.48	R 7.48	—	R 7.48
2000	—	R 3.60	R 10.87	9.94	6.24	R 13.86	17.99	11.11	R 3.27	R 9.92	R 9.92	—	R 9.92
2001	—	7.68	11.01	9.46	5.42	15.38	19.00	10.49	3.48	9.36	9.36	—	9.36
	Expenditures in Million Nominal Dollars												
1970	(s)	—	3.5	31.6	6.3	2.4	8.7	356.5	(s)	409.1	409.1	—	409.1
1975	(s)	—	3.5	75.1	16.3	4.6	13.9	626.2	11.1	750.7	750.7	—	750.7
1980	—	—	9.4	269.0	53.3	2.7	27.4	1,470.2	86.0	1,918.0	1,918.0	—	1,918.0
1985	—	—	5.4	R 362.4	134.1	R 6.5	30.6	1,226.9	28.1	R 1,794.0	R 1,794.0	—	R 1,794.0
1986	—	—	5.8	R 315.7	93.8	R 5.7	26.5	951.8	21.1	R 1,420.3	R 1,420.3	—	R 1,420.3
1987	—	—	4.3	R 348.3	171.0	R 5.1	26.1	1,042.7	21.9	R 1,619.3	R 1,619.3	—	R 1,619.3
1988	—	—	4.8	R 409.6	154.5	R 4.8	27.1	1,094.1	30.7	R 1,725.5	R 1,725.5	—	R 1,725.5
1989	—	—	6.4	R 410.2	144.6	R 4.1	27.5	1,199.4	R 16.1	R 1,808.2	R 1,808.2	—	R 1,808.2
1990	—	—	6.2	R 428.9	201.1	R 2.8	28.5	1,371.3	R 19.4	R 2,058.2	R 2,058.2	—	R 2,058.2
1991	—	—	4.8	R 417.1	208.6	R 2.6	29.4	1,361.3	R 42.1	R 2,065.9	R 2,065.9	—	R 2,065.9
1992	—	—	4.1	R 421.5	269.5	R 1.8	32.6	1,345.8	R 26.9	R 2,102.3	R 2,102.3	—	R 2,102.3
1993	—	—	3.5	R 440.1	186.0	R 2.1	34.4	1,418.1	R 31.8	R 2,116.1	R 2,116.1	—	R 2,116.1
1994	—	(s)	2.9	R 454.5	141.4	R 5.4	36.2	1,472.0	R 34.3	R 2,146.8	R 2,146.8	—	R 2,146.8
1995	—	R (s)	4.2	R 430.8	159.9	R 2.5	36.2	1,555.2	R 30.3	R 2,219.2	R 2,219.2	—	R 2,219.2
1996	—	(s)	2.9	R 515.1	181.2	R 2.4	36.3	1,665.4	R 23.3	R 2,426.6	R 2,426.7	—	R 2,426.7
1997	—	R 0.2	3.1	R 545.6	189.1	R 2.2	34.4	1,695.7	R 21.7	R 2,491.8	R 2,492.0	—	R 2,492.0
1998	—	(s)	4.1	R 501.7	137.1	0.2	38.1	1,493.7	R 12.9	R 2,187.9	R 2,187.9	—	R 2,187.9
1999	—	(s)	3.6	R 572.3	206.5	R 13.3	33.9	1,687.0	R 9.6	R 2,526.1	R 2,526.1	—	R 2,526.1
2000	—	R 0.1	R 5.4	R 748.6	318.8	R 5.7	35.8	2,106.1	R 28.1	R 3,248.5	R 3,248.5	—	R 3,248.5
2001	—	0.1	5.9	711.1	258.6	1.3	34.7	1,931.9	28.2	2,971.6	2,971.8	—	2,971.8

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Mississippi (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.26	0.27	0.48	0.61	—	0.48	—	—	—	—	0.27
1975	0.82	0.83	1.69	2.08	—	1.70	—	—	—	—	1.24
1980	1.84	2.11	3.03	5.47	—	3.06	—	—	—	—	2.16
1985	2.54	2.80	4.16	5.97	—	4.78	1.13	—	—	—	2.30
1986	2.29	2.32	2.06	4.45	—	2.13	1.15	—	—	—	2.05
1987	1.96	1.85	2.07	3.76	—	2.38	0.89	—	—	—	1.58
1988	1.81	1.85	3.18	4.99	—	3.26	1.40	—	—	—	1.70
1989	1.67	1.83	2.48	5.32	—	2.65	1.17	—	—	—	1.56
1990	1.65	1.76	2.35	4.80	—	2.44	1.11	—	—	—	1.54
1991	1.67	1.57	1.94	4.74	—	2.25	0.88	—	—	—	1.36
1992	1.60	1.80	1.85	4.67	—	1.96	0.70	—	—	—	1.31
1993	1.64	2.42	1.75	4.39	—	1.76	0.56	—	—	—	1.43
1994	1.57	1.90	1.58	4.16	—	1.65	0.52	—	—	—	1.30
1995	1.53	1.71	1.87	3.79	—	3.48	0.52	—	—	—	1.32
1996	1.51	2.68	2.15	4.36	—	2.25	0.50	—	—	—	1.54
1997	1.55	2.62	2.67	4.31	—	2.69	0.47	—	—	—	1.51
1998	1.54	2.22	1.98	3.36	—	1.99	0.48	—	—	—	1.47
1999	1.55	2.43	1.52	3.17	—	1.54	0.47	—	—	—	1.55
2000	1.52	3.90	3.31	5.41	—	3.33	0.42	—	—	—	1.98
2001	1.63	3.45	3.75	5.68	—	3.76	0.40	—	—	—	2.15
	Expenditures in Million Nominal Dollars										
1970	3.1	27.3	1.2	(s)	—	1.3	—	—	—	—	31.7
1975	26.9	26.9	97.6	3.2	—	100.8	—	—	—	—	154.7
1980	135.5	204.2	96.7	2.2	—	98.9	—	—	—	—	438.6
1985	262.4	155.6	2.8	2.1	—	4.9	52.2	—	—	—	475.1
1986	236.1	114.4	17.8	1.2	—	18.9	49.6	—	—	—	419.0
1987	226.0	78.2	2.0	0.8	—	2.8	71.8	—	—	—	378.9
1988	223.0	63.0	22.2	1.7	—	23.8	141.9	—	—	—	451.8
1989	149.5	85.1	19.9	2.7	—	22.6	96.6	—	—	—	353.8
1990	161.5	118.9	17.4	1.4	—	18.8	87.1	—	—	—	386.3
1991	149.7	100.6	7.4	2.2	—	9.5	84.7	—	—	—	344.5
1992	129.4	100.0	7.2	0.8	—	8.0	60.1	—	—	—	297.4
1993	152.7	98.7	60.4	0.9	—	61.3	46.2	—	—	—	359.0
1994	141.7	162.6	16.7	1.2	—	17.9	52.3	—	—	—	374.5
1995	148.5	196.8	0.1	0.9	—	1.0	44.1	—	—	—	390.5
1996	184.6	230.2	23.0	2.3	—	25.3	48.1	—	—	—	488.2
1997	195.7	197.4	67.8	1.3	—	69.1	53.8	—	—	—	516.1
1998	185.8	175.4	103.6	1.2	—	104.8	46.4	—	—	—	512.4
1999	206.7	264.4	47.0	1.2	—	48.2	41.6	—	—	—	560.9
2000	218.9	403.6	94.4	1.7	—	96.0	47.1	—	—	—	765.6
2001	318.0	529.9	196.8	1.6	—	198.4	41.1	—	—	—	1,087.4

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Missouri

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	0.38	0.29	0.29	0.64	1.05	0.75	1.79	2.73	0.56	1.42	1.98	—	1.85	1.17	0.26	6.17	1.84
1975	1.60	0.60	0.62	1.16	2.52	2.09	3.06	4.55	1.78	3.00	3.67	—	2.19	2.08	0.57	8.64	3.32
1980	1.81	1.21	1.22	2.95	6.61	6.47	6.32	9.33	3.33	7.11	8.07	—	2.99	4.38	1.25	13.91	7.19
1985	1.93	1.51	1.51	4.94	R 6.78	5.90	R 8.27	8.56	4.09	R 7.87	R 7.90	0.82	R 3.23	R 4.59	1.41	17.16	8.28
1986	1.75	1.46	1.46	4.52	R 5.25	3.95	R 6.73	6.11	2.25	R 5.82	R 5.77	0.82	2.65	R 3.73	1.38	18.45	R 7.32
1987	1.63	1.40	1.40	4.28	R 5.72	4.13	6.82	6.81	2.60	R 5.80	R 6.24	0.52	2.56	R 3.87	1.32	18.90	7.67
1988	—	1.37	1.37	4.37	R 5.48	3.89	7.13	6.82	2.14	R 5.23	R 6.10	0.73	2.58	R 3.78	1.29	18.94	R 7.61
1989	—	1.35	1.35	4.51	R 6.10	4.36	7.45	7.45	2.35	R 5.81	R 6.72	0.71	e 2.85	R e 4.04	1.26	18.92	R e 8.02
1990	—	1.35	1.35	4.69	R 7.38	5.68	R 9.05	8.61	2.54	R 6.11	R 7.81	0.74	R 3.25	R 4.53	1.27	18.94	R 8.82
1991	—	1.34	1.34	4.52	R 6.90	4.81	R 8.07	8.30	R 2.14	R 5.95	R 7.49	0.71	R 3.14	R 4.28	1.25	18.95	R 8.71
1992	—	1.34	1.34	4.60	R 6.79	4.57	R 7.44	8.11	2.22	R 5.70	R 7.27	0.58	R 2.92	R 4.31	1.23	18.79	R 8.49
1993	—	1.25	1.25	4.88	R 6.74	4.24	R 8.16	7.92	2.23	R 5.60	R 7.10	0.56	R 2.82	R 4.41	1.14	18.55	R 8.47
1994	—	1.12	1.12	4.86	R 6.79	3.94	R 7.82	8.19	1.63	R 5.11	R 7.11	0.49	R 2.79	R 4.23	1.01	18.41	R 8.49
1995	—	1.01	1.01	4.36	R 6.73	3.99	R 7.83	8.37	2.30	R 5.55	R 7.26	0.48	R 2.66	R 4.14	0.94	18.32	R 8.51
1996	—	0.97	0.97	5.29	R 7.83	4.85	R 9.78	9.34	2.72	R 6.28	R 8.29	0.47	R 2.96	4.67	0.91	17.91	R 9.14
1997	—	R 0.96	R 0.96	5.79	R 7.63	4.59	R 9.48	9.30	2.86	R 6.76	R 8.23	0.47	R 2.76	R 4.62	0.90	17.86	R 9.23
1998	—	0.94	0.94	R 5.49	R 6.44	3.43	8.11	7.87	1.98	R 6.05	R 6.89	R 0.49	R 2.26	4.05	0.91	17.82	R 8.57
1999	—	0.94	0.94	5.31	R 7.16	4.15	8.13	8.63	1.98	R 5.29	R 7.46	0.47	R 2.42	R 4.33	0.93	17.77	R 8.82
2000	—	0.93	0.93	R 6.65	R 9.62	6.50	R 11.77	11.41	R 3.51	R 7.21	R 10.41	R 0.41	R 3.42	5.49	1.01	17.63	R 10.97
2001	—	0.98	0.98	8.83	9.05	5.65	12.81	11.00	4.00	5.72	9.76	0.38	3.26	5.67	1.07	17.67	11.12
	Expenditures in Million Nominal Dollars																
1970	3.1	77.3	80.4	265.4	99.1	34.1	79.5	803.2	11.4	98.8	1,126.1	—	9.4	1,481.3	-76.3	542.4	1,947.4
1975	11.9	254.8	266.7	423.0	261.8	98.2	147.5	1,490.4	21.7	185.5	2,205.1	—	13.3	2,908.0	-234.0	974.3	3,648.3
1980	9.6	637.7	647.3	928.2	708.2	229.5	211.7	2,889.0	23.2	630.2	4,691.7	—	16.6	6,283.9	-639.6	2,022.4	7,666.7
1985	12.0	788.8	800.8	1,284.0	R 789.6	196.6	R 166.4	2,700.5	18.8	R 596.3	R 4,468.3	70.0	18.3	R 6,641.4	-810.4	2,712.0	R 8,543.1
1986	10.8	739.3	750.1	1,089.0	R 563.7	149.9	R 144.7	2,034.0	7.8	R 468.0	R 3,368.2	61.9	14.3	R 5,283.4	-760.4	3,038.6	R 7,561.6
1987	3.4	738.0	741.4	994.0	R 670.0	174.6	R 155.5	2,279.7	11.1	R 481.4	R 3,772.3	33.9	12.9	R 5,554.4	-732.4	3,232.6	R 8,054.5
1988	—	751.9	751.9	1,090.0	R 692.0	160.8	R 170.8	2,323.8	10.1	R 482.7	R 3,840.1	69.4	R 13.6	R 5,765.0	-781.0	3,377.0	R 8,361.0
1989	—	R 740.8	R 740.8	1,124.5	R 801.6	179.6	R 228.0	2,494.1	R 8.2	R 485.9	R 4,197.4	62.3	R e 12.0	R e 6,137.1	R -762.8	3,396.0	R e 8,770.3
1990	—	R 726.4	R 726.4	1,107.8	R 910.4	213.8	R 225.5	2,895.9	R 9.9	R 526.3	R 4,781.8	62.3	R 17.7	R 6,695.9	R -752.7	3,484.6	R 9,427.8
1991	—	R 716.8	R 716.8	1,157.2	R 810.4	204.2	R 251.8	2,786.9	7.4	R 344.7	R 4,405.4	74.7	R 17.9	R 6,371.9	R -771.6	3,653.4	R 9,253.7
1992	—	R 698.1	R 698.1	1,099.3	R 867.4	194.6	R 228.3	2,780.1	R 9.2	R 348.6	R 4,428.2	48.7	R 17.2	R 6,291.5	R -713.6	3,489.1	R 9,067.1
1993	—	R 583.6	R 583.6	R 1,322.8	R 871.3	216.8	R 282.1	2,751.7	R 14.9	R 357.8	R 4,494.6	49.2	R 14.4	R 6,464.7	R -610.6	3,709.7	R 9,563.8
1994	—	R 603.9	R 603.9	R 1,289.7	R 915.6	237.2	R 267.4	2,892.8	R 5.4	R 397.5	R 4,716.0	51.3	R 13.6	R 6,674.5	R -632.5	3,749.1	R 9,791.1
1995	—	R 597.0	R 597.0	R 1,193.0	R 946.0	258.6	R 314.4	3,008.0	R 5.1	R 406.5	R 4,938.7	41.3	14.8	R 6,784.8	R -629.1	3,891.8	R 10,047.5
1996	—	R 614.7	R 614.7	R 1,532.3	R 1,238.3	333.8	R 458.1	3,407.8	R 6.2	R 402.5	R 5,846.6	44.2	R 16.5	R 8,054.2	R -638.1	3,961.9	R 11,378.1
1997	—	R 640.7	R 640.7	R 1,612.1	R 1,277.9	320.8	R 383.7	3,421.7	R 4.5	R 367.7	R 5,776.4	R 44.5	R 12.5	R 8,086.3	R -664.1	4,002.1	R 11,424.3
1998	—	R 650.9	R 650.9	R 1,404.6	R 1,356.7	247.9	R 238.4	2,941.1	R 2.9	R 373.4	R 5,160.5	R 43.8	R 10.2	R 7,270.1	R -703.3	4,194.9	R 10,761.6
1999	—	R 648.2	R 648.2	R 1,393.6	R 1,510.9	300.1	R 372.7	3,202.2	R 1.8	R 386.4	R 5,774.1	R 42.6	11.0	R 7,869.7	R -716.7	4,185.7	R 11,338.7
2000	—	R 643.7	R 643.7	R 1,872.2	R 1,615.6	180.9	R 459.5	4,392.1	R 2.4	R 433.7	R 7,084.2	R 42.7	R 16.6	R 9,659.5	R -809.9	4,370.2	R 13,219.8
2001	—	699.6	699.6	2,531.3	1,577.0	240.1	597.2	4,154.0	3.6	433.3	7,005.2	33.2	13.6	10,282.9	-875.6	4,414.4	13,821.7

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Missouri

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	0.86	0.96	1.19	1.43	1.95	1.81	0.61	1.13	7.86	2.07
1975	1.72	1.48	2.62	2.88	3.26	3.14	1.20	1.84	10.06	3.37
1980	1.70	3.23	6.85	7.95	7.06	7.01	3.06	3.79	15.21	6.82
1985	1.73	5.40	6.70	10.06	7.53	7.38	3.46	5.57	19.27	9.58
1986	1.54	4.98	4.95	11.02	5.81	R 5.67	R 2.78	5.01	20.87	R 9.98
1987	1.37	4.71	4.66	6.39	6.41	R 6.03	R 2.65	4.82	21.59	R 10.34
1988	1.25	4.73	4.71	6.27	6.82	R 6.36	2.67	4.86	21.49	10.26
1989	1.43	4.80	5.88	6.79	8.02	R 7.69	2.95	5.14	21.50	R 10.29
1990	1.56	5.15	7.27	11.50	9.61	R 9.31	3.56	5.60	21.56	R 11.10
1991	1.53	5.10	6.75	7.47	8.54	8.33	3.41	5.51	21.65	R 11.12
1992	1.33	5.10	5.36	7.08	7.52	7.31	3.12	5.35	21.80	10.85
1993	1.72	5.35	5.46	6.24	7.23	7.04	3.05	5.52	21.29	10.81
1994	0.98	5.40	6.32	5.96	8.01	R 7.86	2.96	5.69	21.37	R 11.22
1995	0.95	5.12	5.33	4.93	8.01	R 7.70	2.90	5.44	21.26	11.12
1996	1.04	5.91	6.75	5.96	10.10	9.85	R 3.32	6.52	20.75	11.38
1997	0.97	R 6.55	6.83	5.58	9.56	R 9.35	3.31	6.95	20.77	11.94
1998	1.01	6.50	5.82	4.28	8.07	7.83	2.87	6.61	20.75	12.49
1999	1.01	R 6.28	7.15	4.85	8.17	R 8.06	2.95	6.52	20.86	R 12.22
2000	1.02	7.73	9.34	9.11	11.44	11.25	4.43	8.22	20.65	13.33
2001	1.12	10.40	8.50	9.13	12.94	12.59	4.22	10.77	20.53	14.66
	Expenditures in Million Nominal Dollars									
1970	1.0	150.9	9.1	0.6	65.9	75.5	1.4	228.8	259.5	488.3
1975	1.7	232.0	21.9	0.5	115.5	137.9	2.8	374.4	468.8	843.2
1980	0.6	471.2	49.7	2.6	129.4	181.7	11.1	664.7	967.9	1,632.6
1985	R 1.4	703.3	R 33.1	5.4	94.8	R 133.3	11.8	R 849.8	1,215.3	R 2,065.1
1986	R 0.8	606.9	R 24.9	3.6	82.6	R 111.1	9.2	R 728.0	1,386.2	R 2,114.2
1987	R 1.7	552.4	R 19.5	1.9	96.1	R 117.6	7.9	R 679.6	1,496.5	R 2,176.1
1988	R 1.3	610.8	R 18.3	2.1	96.2	R 116.6	8.3	R 737.1	1,565.0	R 2,302.1
1989	R 1.7	625.1	R 18.9	2.6	147.4	R 168.9	9.6	R 805.2	1,545.0	R 2,350.2
1990	R 1.9	604.1	R 17.4	1.9	146.1	R 165.4	15.1	R 786.5	1,592.7	R 2,379.2
1991	R 1.5	620.3	16.9	1.6	169.4	R 187.8	15.2	R 824.8	1,727.7	R 2,552.6
1992	R 1.2	596.1	R 11.1	0.8	151.0	163.0	14.6	774.9	1,583.5	2,358.4
1993	R 1.8	720.5	13.2	1.3	152.9	167.4	11.9	R 901.6	1,756.7	R 2,658.3
1994	0.7	665.5	R 11.9	0.8	168.0	R 180.7	11.3	R 858.2	1,754.4	R 2,612.6
1995	0.6	645.6	R 13.6	0.9	169.5	R 184.0	12.3	R 842.4	1,842.9	R 2,685.4
1996	0.6	819.2	R 13.0	1.9	286.2	R 301.1	14.1	R 1,135.0	1,872.8	R 3,007.8
1997	0.6	843.6	R 12.4	1.4	247.2	R 261.0	10.0	R 1,115.2	1,885.0	R 3,000.2
1998	0.4	727.8	R 10.0	1.2	148.8	R 160.0	7.8	R 896.1	2,001.4	R 2,897.4
1999	0.6	712.6	R 12.8	1.5	202.4	R 216.6	8.6	R 938.4	1,976.5	R 2,914.9
2000	0.4	R 906.4	R 16.8	3.6	247.1	R 267.4	13.5	R 1,187.8	2,083.9	R 3,271.7
2001	0.6	1,216.5	20.0	4.0	420.5	444.5	11.0	1,672.6	2,113.3	3,785.9

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Missouri

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.49	0.62	1.03	0.82	1.27	2.73	0.57	0.93	0.61	0.69	7.00	1.67
1975	1.17	1.14	2.45	2.40	2.49	4.55	1.77	2.38	1.20	1.36	9.46	2.87
1980	1.58	2.88	6.49	6.10	5.42	9.33	3.47	5.74	3.06	3.31	14.33	6.86
1985	1.57	4.88	6.04	10.06	9.50	8.56	4.11	R 6.82	3.46	5.09	17.94	R 10.24
1986	1.39	4.35	3.70	11.02	8.51	6.11	2.25	R 4.79	2.78	4.36	19.02	R 10.38
1987	1.27	4.06	4.22	6.39	7.60	6.81	2.61	R 4.93	2.65	R 4.10	19.04	R 10.43
1988	1.27	4.17	3.81	6.27	7.58	6.82	2.20	R 4.66	2.67	4.12	19.06	R 10.55
1989	1.29	4.31	4.45	6.79	6.58	7.45	2.41	R 5.36	2.95	4.28	19.03	R 10.88
1990	1.31	4.48	5.46	11.50	8.15	8.61	2.60	R 6.46	3.56	R 4.54	18.98	R 11.27
1991	1.34	4.46	4.84	7.47	7.23	8.30	2.21	5.79	3.41	4.46	18.79	11.08
1992	1.34	4.46	4.64	7.08	7.27	8.11	2.28	R 5.70	3.12	4.47	18.81	R 11.17
1993	1.36	4.74	4.46	6.24	9.60	7.92	2.26	6.37	3.05	4.76	18.45	R 10.95
1994	1.43	4.82	4.25	5.96	8.08	8.19	1.62	R 5.75	2.96	R 4.76	18.28	R 11.15
1995	1.42	4.36	4.27	4.93	8.11	8.37	2.36	R 5.73	2.88	4.39	18.20	R 11.10
1996	1.36	5.29	5.20	5.96	9.85	9.34	2.79	R 7.12	3.29	5.38	17.81	11.18
1997	1.32	5.82	4.88	5.58	10.40	9.30	2.92	R 7.14	3.10	5.72	17.68	R 11.43
1998	1.33	5.63	3.80	4.28	9.29	7.87	2.00	R 5.63	2.76	R 5.44	17.57	11.79
1999	1.30	5.40	4.31	4.85	8.69	8.63	1.97	R 6.42	2.86	5.32	17.51	R 11.59
2000	1.37	R 6.82	6.99	9.11	11.58	11.41	3.50	8.91	4.22	6.88	17.10	R 12.37
2001	1.46	9.76	6.46	9.13	13.05	11.00	4.03	9.16	3.87	9.23	17.29	13.40
	Expenditures in Million Nominal Dollars											
1970	0.4	54.9	6.5	2.0	7.5	2.2	6.0	24.2	(s)	79.6	147.3	226.9
1975	2.7	104.7	16.9	2.4	15.5	3.8	8.5	47.2	0.1	154.7	246.5	401.2
1980	2.2	222.7	37.9	5.9	17.5	10.9	12.1	84.4	0.3	309.5	634.8	944.3
1985	R 4.3	299.5	R 53.5	1.9	21.1	11.8	3.1	R 91.4	0.3	R 395.6	930.8	R 1,326.4
1986	R 2.5	272.1	R 33.6	0.6	21.4	10.4	1.8	R 67.7	0.3	R 342.7	1,043.8	R 1,386.5
1987	R 5.3	239.2	R 50.2	0.2	20.1	11.2	2.0	R 83.7	0.3	R 328.4	1,121.0	R 1,449.5
1988	R 4.9	268.1	R 38.9	0.6	18.9	8.9	1.4	R 68.6	0.3	R 341.9	1,193.0	R 1,534.9
1989	R 5.7	273.6	R 28.0	0.5	21.4	8.3	0.5	R 58.6	0.4	R 338.2	1,218.0	R 1,556.2
1990	R 6.5	269.0	R 32.6	0.5	21.9	10.8	1.0	R 66.8	1.0	R 343.3	1,252.0	R 1,595.3
1991	R 6.1	284.4	R 31.2	0.2	25.3	5.6	0.4	R 62.7	1.0	R 354.1	1,282.9	R 1,637.0
1992	R 5.5	272.5	R 31.5	0.6	25.8	5.1	(s)	R 63.1	1.0	R 342.1	1,262.9	R 1,605.0
1993	R 6.5	331.6	R 29.9	0.5	35.8	4.7	0.1	R 71.0	1.0	410.1	1,311.1	1,721.2
1994	6.1	321.1	R 26.9	0.5	29.9	4.3	0.2	R 61.9	0.9	R 390.0	1,341.8	R 1,731.8
1995	5.9	285.7	R 29.6	0.3	30.3	4.3	(s)	R 64.5	0.9	R 357.0	1,398.4	R 1,755.4
1996	5.5	389.5	R 39.7	0.9	49.2	5.6	0.1	R 95.5	1.2	R 491.7	1,425.7	R 1,917.4
1997	7.1	410.6	R 33.2	0.6	47.4	7.0	0.6	R 88.9	1.1	R 507.8	1,435.2	R 1,943.0
1998	R 4.3	352.8	R 25.6	0.4	30.2	5.0	R 0.4	R 61.8	1.0	R 419.8	1,493.0	R 1,912.8
1999	R 5.8	345.2	R 25.7	0.5	38.0	13.7	R 0.3	R 78.2	1.1	R 430.3	1,501.4	R 1,931.7
2000	4.7	R 433.7	R 45.5	R 1.1	44.1	15.6	R 0.7	R 107.1	1.6	R 547.2	1,573.2	R 2,120.4
2001	6.0	637.6	58.7	1.2	74.8	19.0	0.7	154.5	1.2	799.2	1,605.2	2,404.4

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Missouri

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	0.38	0.49	0.47	0.40	0.71	0.77	0.82	1.27	5.08	2.73	0.53	1.52	1.20	2.84	0.79	4.01	1.14
1975	1.60	1.17	1.24	0.80	2.05	2.25	2.40	2.49	7.48	4.55	1.82	3.00	2.71	2.84	1.77	6.46	2.41
1980	1.81	1.58	1.61	2.61	3.59	5.83	6.10	5.42	14.36	9.33	3.09	7.65	6.49	2.84	4.54	11.21	5.42
1985	1.93	1.57	1.62	4.14	4.77	6.30	6.71	9.50	17.61	8.56	4.11	R 7.85	R 7.01	2.84	R 5.06	13.14	R 6.40
1986	1.75	1.39	1.44	3.75	3.81	4.07	4.52	8.51	15.59	6.11	2.25	R 5.14	R 5.05	2.43	R 3.96	14.02	R 5.76
1987	1.63	1.27	1.30	3.61	3.70	4.51	4.70	7.60	13.58	6.81	2.61	R 5.42	R 5.17	2.43	R 4.05	14.36	R 5.86
1988	—	1.27	1.27	3.79	3.53	4.17	4.03	7.58	14.62	6.82	2.20	R 4.62	R 4.71	2.43	R 3.89	14.45	R 5.64
1989	—	1.29	1.29	4.10	3.12	4.73	4.82	6.58	14.48	7.45	2.41	R 5.69	R 5.19	d 2.43	R d 4.25	14.50	R d 6.07
1990	—	1.31	1.31	4.14	3.11	5.82	6.67	8.15	14.60	8.61	2.60	R 6.13	R 5.69	R 1.77	R 4.58	14.50	R 6.37
1991	—	1.34	1.34	4.04	3.22	5.19	5.82	7.23	16.80	8.30	2.21	R 4.78	R 5.19	R 1.77	R 4.14	14.37	R 6.26
1992	—	1.34	1.34	3.86	2.46	5.13	4.99	7.27	18.32	8.11	2.28	R 4.39	R 4.87	R 1.77	R 3.97	14.01	R 6.07
1993	—	1.36	1.36	4.23	2.86	4.97	4.88	9.60	18.96	7.92	2.26	R 4.48	R 5.36	R 1.77	R 4.35	13.81	R 6.28
1994	—	1.43	1.43	4.15	2.74	4.82	4.80	7.09	19.11	8.19	1.62	R 4.40	R 4.91	R 1.94	R 4.20	13.55	R 6.02
1995	—	1.42	1.42	3.46	3.23	4.83	4.76	7.43	19.41	8.37	2.36	R 4.66	R 5.43	R 1.91	R 4.22	13.29	R 6.00
1996	—	1.36	1.36	4.30	3.27	5.81	5.68	9.04	20.08	9.34	2.79	R 5.12	R 6.00	R 1.58	R 4.77	13.01	R 6.45
1997	—	1.32	1.32	R 4.70	3.49	5.33	5.64	8.81	17.98	9.30	2.92	R 5.47	R 6.12	R 1.55	R 4.78	13.07	R 6.54
1998	—	1.33	1.33	R 4.42	3.09	4.21	4.05	7.70	19.07	7.87	2.00	R 3.74	R 4.94	R 1.51	R 4.20	12.97	R 6.18
1999	—	1.30	1.30	R 4.34	2.84	4.97	4.94	7.88	16.75	8.63	1.97	R 3.97	R 5.10	R 1.39	R 4.35	12.85	R 6.12
2000	—	1.37	1.37	R 5.69	4.80	7.90	7.73	12.30	17.99	11.41	3.50	R 5.08	R 7.58	R 1.46	R 6.12	12.98	R 7.69
2001	—	1.46	1.46	7.44	3.99	7.21	7.01	11.62	19.00	11.00	4.03	4.06	6.45	1.42	6.19	12.88	7.63
	Expenditures in Million Nominal Dollars																
1970	3.1	17.3	20.4	42.9	26.8	25.4	0.7	5.6	12.8	39.7	4.4	31.4	146.7	8.1	218.1	135.6	353.7
1975	11.9	44.9	56.8	71.3	73.3	75.7	1.0	15.8	22.3	64.7	7.5	46.7	307.0	10.4	445.5	259.0	704.5
1980	9.6	48.4	58.0	201.1	95.3	162.3	3.0	63.4	58.4	91.4	7.5	376.1	857.2	5.3	1,121.6	419.6	1,541.2
1985	12.0	54.7	66.7	276.4	135.9	R 152.1	0.8	45.6	65.2	48.4	14.4	R 289.7	R 752.0	6.2	R 1,101.3	565.9	R 1,667.2
1986	10.8	45.5	56.4	206.6	116.9	R 68.2	0.2	35.8	56.4	30.8	5.3	R 204.9	R 518.5	4.7	R 786.2	608.6	R 1,394.8
1987	3.4	41.9	45.2	198.3	106.8	R 91.0	0.3	35.4	55.5	34.3	8.8	R 234.2	R 566.4	4.7	R 814.7	615.0	R 1,429.7
1988	—	45.3	45.3	206.7	132.6	R 96.3	0.6	52.7	57.7	31.9	7.3	R 203.0	R 582.0	4.9	R 838.8	619.0	R 1,457.8
1989	—	42.5	42.5	222.8	94.1	R 103.7	0.9	56.3	58.6	30.4	R 6.3	R 239.3	R 589.5	R d 2.1	R d 856.8	633.0	R d 1,489.8
1990	—	39.9	39.9	228.5	92.2	R 118.5	0.3	53.9	60.8	30.0	R 8.5	R 280.1	R 644.3	R 1.7	R 914.4	639.9	R 1,554.3
1991	—	38.6	38.6	233.3	86.7	R 88.8	0.8	53.5	62.6	33.0	6.6	R 100.9	R 432.8	R 1.7	R 706.4	642.8	R 1,349.2
1992	—	35.8	35.8	226.3	62.6	R 96.5	0.2	49.0	69.6	28.5	R 8.8	R 113.1	R 428.2	R 1.6	R 691.8	642.7	R 1,334.5
1993	—	37.8	37.8	259.2	77.0	R 81.4	0.1	89.9	73.3	61.1	R 14.3	R 96.3	R 493.4	R 1.6	R 792.0	641.8	R 1,433.8
1994	—	35.2	35.2	R 294.8	103.9	R 89.1	0.3	62.2	77.2	69.5	4.7	R 97.8	R 504.7	R 1.3	R 835.9	652.1	R 1,488.1
1995	—	36.2	36.2	239.9	113.4	R 84.9	0.3	110.4	77.1	73.2	R 4.7	R 97.9	R 561.9	R 1.4	R 839.3	649.4	R 1,488.7
1996	—	35.1	35.1	R 309.9	116.8	R 107.6	1.1	119.0	77.4	81.7	R 5.4	R 91.6	R 600.7	R 1.1	R 946.8	662.1	R 1,608.9
1997	—	R 42.1	R 42.1	R 336.6	95.8	R 110.2	0.4	87.1	73.2	81.8	R 3.3	R 86.9	R 538.7	R 1.1	R 918.5	680.7	R 1,599.3
1998	—	R 37.1	R 37.1	R 287.3	80.0	R 92.8	0.4	58.6	81.3	42.4	R 2.3	R 91.5	R 449.3	R 1.0	R 774.8	699.3	R 1,474.0
1999	—	35.9	35.9	R 283.4	93.8	R 141.1	0.3	129.8	72.1	41.2	R 1.4	R 114.5	R 594.2	1.0	R 914.5	706.6	R 1,621.1
2000	—	29.9	29.9	R 395.9	132.7	R 167.5	R 0.6	164.7	76.3	53.6	R 1.6	R 107.8	R 705.0	1.0	R 1,131.7	712.0	R 1,843.7
2001	—	34.1	34.1	508.2	143.0	173.5	0.7	86.2	73.9	100.0	2.7	96.0	676.0	1.0	1,219.2	694.8	1,914.0

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Missouri

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.49	—	2.17	1.24	0.75	1.27	5.08	2.73	0.55	2.32	2.32	—	2.32
1975	1.17	—	3.45	2.72	2.09	2.49	7.48	4.55	1.73	4.07	4.07	—	4.07
1980	—	—	9.02	6.97	6.47	5.42	14.36	9.33	3.38	8.76	8.76	—	8.76
1985	—	—	9.99	7.04	5.90	R 9.75	17.61	8.56	3.88	8.19	8.19	—	8.19
1986	—	—	8.41	5.75	3.95	R 8.74	15.59	6.11	2.24	5.98	5.98	—	5.98
1987	—	—	7.55	6.33	4.13	R 7.97	13.58	6.81	—	6.56	6.56	—	6.56
1988	—	—	7.41	6.10	3.89	R 8.07	14.62	6.82	1.80	6.52	6.52	—	6.52
1989	—	—	8.28	6.54	4.36	R 7.01	14.48	7.45	2.08	R 7.08	R 7.08	—	R 7.08
1990	—	—	9.32	7.87	5.68	R 8.68	14.60	8.61	1.65	8.30	8.30	—	8.30
1991	—	—	8.71	7.42	4.81	R 7.70	16.80	8.30	—	7.91	7.91	—	7.91
1992	—	—	8.54	7.31	4.57	R 7.85	18.32	8.11	1.31	R 7.75	R 7.75	—	R 7.75
1993	—	—	8.24	7.26	4.24	R 10.41	18.96	7.92	1.61	7.53	7.53	—	7.53
1994	—	4.34	7.96	7.33	3.94	R 9.94	19.11	8.19	1.65	R 7.64	R 7.64	20.73	7.64
1995	—	2.72	8.36	7.26	3.99	R 10.36	19.41	8.37	1.73	R 7.72	R 7.72	20.67	R 7.72
1996	—	3.16	9.29	8.33	4.85	R 10.22	20.08	9.34	2.15	R 8.66	R 8.66	20.60	8.66
1997	—	3.75	9.39	8.16	4.59	R 9.69	17.98	9.30	R 2.56	R 8.54	R 8.54	19.83	R 8.54
1998	—	3.34	8.11	6.90	3.43	R 9.56	19.07	7.87	1.75	7.19	7.19	18.32	7.19
1999	—	3.00	8.81	7.70	4.15	R 12.03	16.75	8.63	R 2.31	R 7.93	R 7.93	18.34	7.93
2000	—	R 4.74	R 10.87	10.11	6.50	R 15.24	17.99	11.41	R 3.56	R 10.92	10.91	17.66	10.91
2001	—	6.67	11.01	9.59	5.65	16.56	19.00	11.00	3.02	10.33	10.33	17.82	10.33
	Expenditures in Million Nominal Dollars												
1970	(s)	—	2.0	57.5	34.1	0.4	22.7	761.4	0.6	878.5	878.6	—	878.6
1975	(s)	—	3.2	137.9	98.2	0.7	36.0	1,421.9	1.5	1,699.4	1,699.4	—	1,699.4
1980	—	—	7.4	439.5	229.5	1.3	81.2	2,786.6	3.0	3,548.5	3,548.5	—	3,548.5
1985	—	—	6.8	R 544.1	196.6	R 4.8	90.6	2,640.4	0.9	R 3,484.3	R 3,484.3	—	R 3,484.3
1986	—	—	6.9	R 432.6	149.9	R 5.0	78.4	1,992.8	0.4	R 2,666.1	R 2,666.1	—	R 2,666.1
1987	—	—	5.1	R 504.3	174.6	R 3.9	77.2	2,234.2	—	R 2,999.2	R 2,999.2	—	R 2,999.2
1988	—	—	6.1	R 532.2	160.8	R 3.0	80.2	2,283.0	1.0	R 3,066.2	R 3,066.2	—	R 3,066.2
1989	—	—	8.4	R 645.3	179.6	R 3.0	81.5	2,455.4	0.9	R 3,374.1	R 3,374.1	—	R 3,374.1
1990	—	—	5.9	R 735.6	213.8	R 3.7	84.5	2,855.1	R 0.3	R 3,899.0	R 3,899.0	—	R 3,899.0
1991	—	—	5.1	R 666.7	204.2	R 3.6	87.0	2,748.3	—	R 3,714.9	R 3,714.9	—	R 3,714.9
1992	—	—	4.9	R 723.7	194.6	R 2.5	96.7	2,746.5	0.1	R 3,769.1	R 3,769.1	—	R 3,769.1
1993	—	—	3.9	R 738.2	216.8	R 3.4	101.9	2,685.9	0.3	R 3,750.5	R 3,750.5	—	R 3,750.5
1994	—	R 0.1	4.5	R 782.2	237.2	R 7.3	107.4	2,818.9	0.2	R 3,957.7	R 3,957.8	0.8	R 3,958.7
1995	—	R 0.1	4.6	R 811.5	258.6	R 4.2	107.2	2,930.5	0.2	R 4,116.9	R 4,117.0	1.1	R 4,118.1
1996	—	0.1	5.1	R 1,071.7	333.8	R 3.6	107.6	3,320.5	0.2	R 4,842.5	R 4,842.7	1.3	R 4,844.0
1997	—	0.2	7.6	R 1,115.3	320.8	R 2.0	101.8	3,332.8	0.2	R 4,880.5	R 4,880.7	1.2	R 4,881.8
1998	—	R 0.2	5.6	R 1,214.9	247.9	R 0.7	113.0	2,893.7	(s)	R 4,475.8	R 4,476.1	1.2	R 4,477.3
1999	—	R 0.3	3.3	R 1,315.8	300.1	R 2.6	100.3	3,147.3	0.1	R 4,869.5	R 4,869.8	1.2	R 4,871.0
2000	—	R 0.5	R 5.4	R 1,363.4	180.9	R 3.6	106.1	4,322.8	R 0.1	R 5,982.4	R 5,982.9	1.2	R 5,984.1
2001	—	0.8	8.1	1,313.8	240.1	15.7	102.7	4,034.9	0.1	5,715.5	5,716.2	1.2	5,717.4

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Missouri (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.25	0.26	0.55	0.69	—	0.62	—	—	—	—	0.26
1975	0.54	0.59	1.74	2.26	0.65	2.05	—	—	—	—	0.57
1980	1.19	2.22	3.45	6.02	0.67	5.07	—	—	—	—	1.25
1985	1.50	3.31	3.99	5.76	1.38	5.60	0.82	—	—	—	1.41
1986	1.47	2.92	2.32	3.49	—	3.38	0.82	—	—	—	1.38
1987	1.41	2.96	2.41	4.14	—	3.93	0.52	—	—	—	1.32
1988	1.38	2.77	1.83	3.55	0.97	3.35	0.73	—	—	—	1.29
1989	1.35	2.46	2.12	4.45	0.80	3.90	0.71	—	—	—	1.26
1990	1.35	1.72	1.80	5.11	—	4.99	0.74	—	—	—	1.27
1991	1.34	1.49	1.33	4.78	—	4.23	0.71	—	—	—	1.25
1992	1.34	1.87	1.45	4.26	—	3.92	0.58	—	—	—	1.23
1993	1.24	2.32	1.64	4.01	0.64	1.58	0.56	0.52	—	—	1.14
1994	1.10	1.90	1.66	3.75	0.71	1.23	0.49	0.68	—	—	1.01
1995	0.98	1.68	1.64	3.89	0.73	1.35	0.48	0.61	4.04	—	0.94
1996	0.96	2.55	2.31	4.73	—	4.45	0.47	0.65	—	—	0.91
1997	0.93	2.79	2.53	4.31	—	4.15	0.47	0.65	3.77	—	0.90
1998	0.92	2.23	1.79	3.30	—	3.27	0.49	0.58	4.01	3.02	0.91
1999	0.93	2.66	2.12	3.82	—	3.81	0.47	0.52	4.92	4.16	0.93
2000	0.92	4.39	3.56	6.49	—	6.49	0.41	0.63	—	—	1.01
2001	0.96	4.67	3.20	6.06	0.67	2.00	0.38	0.68	—	—	1.07
	Expenditures in Million Nominal Dollars										
1970	58.6	16.6	0.5	0.6	—	1.1	—	—	—	—	76.3
1975	205.4	15.0	4.1	9.3	0.1	13.5	—	—	—	—	234.0
1980	586.4	33.3	0.6	18.8	0.4	19.9	—	—	—	—	639.6
1985	728.4	4.8	0.4	6.8	(s)	7.2	70.0	—	—	—	810.4
1986	690.4	3.4	0.3	4.5	—	4.8	61.9	—	—	—	760.4
1987	689.2	4.0	0.4	5.0	—	5.4	33.9	—	—	—	732.4
1988	700.4	4.5	0.4	6.3	(s)	6.7	69.4	—	—	—	781.0
1989	691.0	3.1	0.5	5.7	0.1	6.3	62.3	—	—	—	762.8
1990	678.0	6.2	0.1	6.2	—	6.3	62.3	—	—	—	752.7
1991	670.5	19.2	0.4	6.8	—	7.2	74.7	—	—	—	771.6
1992	655.6	4.5	0.2	4.6	—	4.8	48.7	—	—	—	713.6
1993	537.5	11.5	0.2	8.6	3.5	12.3	49.2	(s)	—	—	610.6
1994	561.9	8.3	0.3	5.6	5.1	11.0	51.3	(s)	—	—	632.5
1995	554.4	21.7	0.1	6.4	4.9	11.4	41.3	0.2	(s)	—	629.1
1996	573.6	13.5	0.4	6.3	—	6.7	44.2	0.2	—	—	638.1
1997	590.8	21.2	0.4	6.9	—	7.3	44.5	0.3	(s)	—	664.1
1998	609.1	36.4	0.1	13.5	—	13.6	43.8	0.5	(s)	(s)	703.3
1999	605.8	52.3	(s)	15.6	—	15.6	42.6	0.3	0.1	(s)	716.7
2000	608.7	135.7	(s)	22.4	—	22.4	42.7	0.5	—	—	809.9
2001	659.0	168.4	(s)	11.0	3.7	14.8	33.2	0.4	—	—	875.6

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Montana

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.22	0.22	0.57	1.14	0.76	2.10	2.89	0.39	0.91	1.92	—	1.13	1.27	0.23	2.88	1.56
1975	—	0.33	0.33	1.07	2.58	2.12	3.62	4.78	1.99	2.22	3.45	—	1.43	2.41	0.34	4.05	2.78
1980	—	0.53	0.53	3.14	6.59	6.59	6.49	9.99	3.28	4.89	7.25	—	1.70	4.79	0.72	5.80	6.03
1985	—	0.75	0.75	4.84	R 6.43	6.64	7.60	9.16	3.03	5.14	R 7.34	—	1.64	R 4.62	R 0.73	10.72	R 7.39
1986	—	0.74	0.74	4.32	R 5.68	4.81	6.60	6.74	2.63	4.50	R 5.95	—	1.48	R 3.32	0.68	11.18	R 6.55
1987	—	0.67	0.67	4.05	R 6.12	4.38	6.15	7.57	2.34	3.32	R 6.22	—	1.48	R 3.36	0.66	11.81	R 6.77
1988	—	0.57	0.57	3.92	R 6.27	4.33	6.15	7.75	2.12	3.48	R 6.40	—	1.48	R 2.97	0.55	12.09	R 6.88
1989	—	0.60	0.60	3.95	R 6.66	4.79	7.33	8.59	2.16	R 3.37	R 6.91	—	R e 1.25	R e 3.28	0.58	12.00	R e 7.14
1990	—	R 0.70	R 0.70	4.16	R 7.75	6.26	9.11	9.56	3.03	R 3.55	R 7.90	—	R 1.31	R 3.77	0.68	11.68	R 7.67
1991	—	R 0.69	R 0.69	4.06	R 7.24	5.47	9.87	9.07	2.36	R 3.97	R 7.63	—	R 1.31	R 3.45	0.68	12.23	R 7.43
1992	—	R 0.73	R 0.73	4.42	R 7.51	5.46	8.72	9.39	1.70	R 3.34	R 7.66	—	R 1.45	R 3.51	0.71	12.37	R 7.72
1993	—	R 0.72	R 0.72	R 4.21	R 7.50	5.39	8.43	9.57	2.32	R 3.56	R 7.77	—	R 1.40	R 3.90	0.70	12.87	R 7.68
1994	—	R 0.73	R 0.73	4.87	R 7.75	5.02	7.69	10.04	2.14	R 3.52	R 7.93	—	R 1.45	R 3.76	0.70	13.29	R 7.91
1995	—	R 0.72	R 0.72	4.84	R 7.78	5.32	7.62	10.12	2.20	R 2.99	R 7.82	—	R 1.36	R 3.91	0.69	13.71	R 7.84
1996	—	R 0.72	R 0.72	4.65	R 8.49	5.76	9.12	10.83	2.71	R 3.29	R 8.43	—	R 1.23	R 4.55	0.72	13.93	R 8.39
1997	—	R 0.70	R 0.70	R 4.75	R 7.63	5.94	9.27	10.93	2.11	R 3.32	R 8.27	—	R 1.22	R 4.19	0.70	15.31	R 8.40
1998	—	R 0.69	R 0.69	R 4.84	R 7.91	4.79	7.65	9.32	1.90	R 3.03	R 7.36	—	R 1.46	R 3.69	0.68	14.17	R 7.93
1999	—	R 0.74	R 0.74	4.35	R 7.96	5.13	8.54	10.16	1.84	R 2.78	R 7.38	—	R 1.60	R 3.77	R 0.74	14.11	R 7.75
2000	—	R 0.93	R 0.93	R 6.39	R 10.40	7.77	11.69	12.70	2.55	R 2.97	R 9.63	—	R 1.79	R 5.03	R 0.91	14.72	R 9.71
2001	—	0.96	0.96	6.39	9.66	7.07	12.98	12.40	2.74	2.93	9.53	—	1.89	4.92	0.96	19.17	10.23
	Expenditures in Million Nominal Dollars																
1970	—	2.6	2.6	45.1	31.9	2.7	9.9	140.7	0.7	17.2	203.1	—	2.9	253.7	-3.4	84.1	334.4
1975	—	6.2	6.2	78.2	114.2	9.7	17.1	266.6	17.6	32.6	457.8	—	2.7	544.9	-6.4	119.8	658.3
1980	—	31.9	31.9	166.0	288.2	34.1	41.9	546.8	68.3	63.8	1,043.1	—	5.1	1,246.0	-44.3	207.7	1,409.4
1985	—	74.7	74.7	204.7	R 391.1	25.2	39.8	490.3	2.4	86.9	R 1,035.7	—	6.5	R 1,323.2	R -70.8	488.6	R 1,741.1
1986	—	98.1	98.1	157.7	R 219.2	23.3	33.9	359.8	0.6	91.0	R 727.8	—	10.9	R 994.5	R -86.9	515.8	R 1,423.3
1987	—	89.7	89.7	140.4	R 222.0	17.7	35.8	408.0	0.2	69.4	R 753.1	—	10.4	R 994.1	R -86.4	488.8	R 1,396.5
1988	—	103.1	103.1	149.0	R 222.1	19.6	31.8	424.9	0.1	69.3	R 768.0	—	10.9	R 1,031.0	R -99.2	521.6	R 1,453.4
1989	—	R 107.9	R 107.9	164.9	R 284.7	20.0	42.0	465.1	0.2	R 70.2	R 882.1	—	R e 6.5	R e 1,161.7	R -103.1	519.2	R e 1,577.8
1990	—	R 117.5	R 117.5	162.9	R 328.7	24.8	55.5	518.4	0.2	R 68.6	R 996.3	—	R 9.3	R 1,287.0	R -113.3	510.9	R 1,684.5
1991	—	R 127.8	R 127.8	R 169.0	R 304.4	19.0	36.7	493.4	R 0.1	R 68.2	R 921.8	—	R 14.6	R 1,233.5	R -122.3	546.3	R 1,657.5
1992	—	R 141.5	R 141.5	179.8	R 299.1	26.3	31.1	529.2	(s)	R 65.5	R 951.2	—	R 8.7	R 1,281.4	R -136.0	541.1	R 1,686.6
1993	—	R 116.4	R 116.4	197.8	R 319.6	27.1	65.0	553.2	R 2.4	R 68.1	R 1,035.4	—	R 8.4	R 1,358.0	R -109.7	555.5	R 1,803.9
1994	—	R 141.9	R 141.9	R 225.6	R 333.0	24.0	29.1	582.6	R 1.4	R 76.1	R 1,046.2	—	R 9.1	R 1,422.7	R -128.9	585.2	R 1,879.0
1995	—	R 126.9	R 126.9	R 251.1	R 364.7	31.3	25.2	597.6	0.6	R 72.3	R 1,091.6	—	R 18.3	R 1,488.0	R -118.4	614.1	R 1,983.7
1996	—	R 99.9	R 99.9	R 259.2	R 398.9	32.6	53.1	663.9	0.1	R 88.9	R 1,237.5	—	R 15.7	R 1,612.7	R -104.3	643.3	R 2,151.7
1997	—	R 113.8	R 113.8	R 257.7	R 401.7	26.7	9.2	653.9	(s)	R 77.8	R 1,169.4	—	R 15.8	R 1,556.9	R -117.0	611.4	R 2,051.3
1998	—	R 127.7	R 127.7	262.0	R 362.2	21.6	7.3	563.5	(s)	R 92.2	R 1,046.9	—	R 17.4	R 1,454.3	R -130.5	651.9	R 1,975.7
1999	—	R 137.8	R 137.8	R 236.6	R 367.2	24.3	16.2	623.3	(s)	R 114.5	R 1,145.6	—	R 20.0	R 1,539.8	R -141.7	625.1	R 2,023.3
2000	—	R 163.9	R 163.9	R 365.5	R 488.6	32.9	55.7	764.6	(s)	R 99.6	R 1,441.5	—	R 22.2	R 1,993.1	R -165.7	716.6	R 2,544.0
2001	—	176.8	176.8	342.6	476.8	30.3	65.6	751.9	(s)	83.0	1,407.7	—	19.0	1,946.1	-182.3	719.8	2,483.5

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Montana

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	0.80	0.88	1.28	—	2.35	2.03	0.72	1.06	6.57	1.86
1975	1.06	1.27	2.84	—	3.88	3.37	1.43	1.73	7.02	2.72
1980	1.35	3.02	6.92	—	7.21	7.08	3.66	3.91	9.04	5.35
1985	0.98	4.82	7.92	8.29	8.18	R 8.07	4.14	R 5.35	13.77	8.22
1986	1.37	4.46	4.87	4.48	7.12	R 6.08	3.32	4.75	14.68	R 8.09
1987	1.44	4.33	5.15	4.48	6.62	R 6.13	3.16	R 4.67	16.19	R 8.72
1988	0.95	4.20	4.61	4.19	6.55	R 5.92	R 3.20	4.50	15.89	R 8.43
1989	1.25	4.29	5.08	4.38	8.51	R 7.15	3.53	4.86	15.77	R 8.45
1990	1.32	4.47	6.42	5.70	9.99	R 8.68	4.75	R 5.30	15.97	R 8.86
1991	1.16	R 4.39	6.11	6.97	10.42	R 8.71	R 4.55	R 5.13	16.88	R 9.00
1992	1.26	R 4.69	5.99	6.56	8.65	R 7.78	R 4.16	R 5.13	17.11	R 9.28
1993	1.27	R 4.83	6.02	6.64	7.36	R 6.81	4.06	R 5.07	16.92	R 8.98
1994	1.36	5.11	5.67	5.67	8.03	R 7.25	3.94	R 5.34	17.47	R 9.56
1995	1.39	5.00	6.09	5.87	8.02	R 7.20	3.86	R 5.23	17.85	R 9.52
1996	R 1.40	4.72	6.27	6.59	9.94	R 8.09	4.43	R 5.17	18.24	R 9.45
1997	1.42	4.90	6.00	6.90	9.52	R 6.43	4.41	R 5.12	18.76	R 9.53
1998	1.29	5.12	5.64	R 5.97	7.94	R 5.90	3.82	5.17	19.05	R 10.09
1999	0.89	5.04	5.79	R 7.04	8.50	R 7.11	3.93	5.23	19.88	R 10.32
2000	R 0.98	R 5.89	8.39	R 8.69	11.67	R 10.92	5.90	R 6.73	19.02	R 10.93
2001	1.14	7.10	7.79	8.59	13.03	11.84	5.62	7.87	20.16	12.06
	Expenditures in Million Nominal Dollars									
1970	0.1	22.5	1.9	—	7.9	9.7	0.2	32.6	34.4	67.0
1975	0.1	31.2	9.7	—	14.0	23.8	0.5	55.6	51.3	106.9
1980	0.1	58.9	17.0	—	21.9	38.9	1.1	99.0	89.9	188.9
1985	(s)	93.2	R 14.3	0.4	17.8	R 32.5	1.7	R 127.5	169.8	R 297.3
1986	0.1	74.8	R 9.2	0.3	16.6	R 26.2	1.3	R 102.4	161.0	R 263.4
1987	(s)	67.7	R 6.6	(s)	17.2	R 23.8	0.6	R 92.2	173.4	R 265.6
1988	(s)	72.7	R 5.7	(s)	17.1	R 22.8	0.6	R 96.2	179.0	R 275.2
1989	R 0.3	79.5	R 10.2	(s)	26.0	R 36.3	0.7	R 116.8	186.0	R 302.8
1990	0.3	77.3	R 10.9	(s)	29.4	R 40.4	3.6	R 121.6	183.0	R 304.6
1991	0.2	83.2	R 10.2	(s)	26.5	R 36.7	3.6	R 123.7	199.2	R 322.9
1992	0.1	80.0	R 6.3	(s)	18.7	R 25.0	3.5	R 108.6	191.8	R 300.4
1993	(s)	100.2	R 8.2	0.3	14.5	R 23.0	3.1	R 126.3	207.7	R 334.0
1994	(s)	97.9	R 5.3	0.2	15.8	R 21.2	3.0	R 122.1	212.6	R 334.7
1995	(s)	101.1	R 7.7	(s)	13.7	R 21.5	3.2	R 125.9	221.6	R 347.5
1996	R (s)	107.8	R 11.9	(s)	18.7	R 30.6	3.7	R 142.0	243.3	R 385.4
1997	0.2	106.1	R 23.9	0.1	5.2	R 29.2	3.5	R 139.0	243.6	R 382.6
1998	(s)	100.7	R 13.3	R 0.1	2.5	R 15.8	2.8	R 119.2	241.9	R 361.1
1999	(s)	101.5	R 7.6	R 0.1	10.5	R 18.2	3.0	R 122.7	248.6	R 371.3
2000	(s)	R 121.3	R 8.3	(s)	38.8	R 47.1	4.8	R 173.2	253.6	R 426.8
2001	(s)	146.3	7.7	(s)	44.2	52.0	3.9	202.1	267.2	469.3

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Montana

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.48	0.60	1.06	0.94	1.49	2.89	0.34	1.64	0.72	0.78	5.74	1.51
1975	0.79	1.07	2.49	2.63	2.77	4.78	2.03	2.89	1.43	1.49	6.39	2.39
1980	2.04	3.12	6.45	—	5.85	9.99	4.42	6.87	3.66	3.75	8.50	5.12
1985	1.82	5.10	5.76	8.29	7.19	9.16	3.03	5.71	4.14	R 5.26	12.49	R 8.21
1986	2.06	4.48	3.58	4.48	6.17	6.74	2.63	R 4.24	3.32	R 4.39	13.45	R 8.79
1987	1.64	4.26	4.01	4.48	5.77	7.57	2.34	R 4.86	3.16	4.35	14.04	R 8.46
1988	1.57	4.20	3.71	4.19	5.75	7.75	2.12	R 4.96	3.20	4.28	13.46	R 8.23
1989	1.53	4.28	4.41	4.38	5.98	8.59	2.16	R 5.51	3.53	4.30	13.46	R 7.88
1990	1.54	4.52	5.53	5.70	8.30	9.56	3.03	7.11	4.75	4.68	13.53	8.38
1991	R 1.37	4.23	4.88	6.97	8.68	9.07	2.36	R 6.61	4.55	R 4.37	14.36	R 8.57
1992	1.52	4.36	4.73	6.56	8.82	9.39	1.70	R 6.61	4.16	R 4.54	14.83	R 9.26
1993	1.29	4.59	4.74	6.64	8.79	9.57	2.32	R 5.88	4.06	4.67	14.71	R 8.99
1994	1.42	4.80	4.43	5.67	8.27	10.04	2.14	R 5.69	3.94	4.86	14.85	R 9.43
1995	1.46	4.78	4.56	5.87	8.02	10.12	2.20	R 5.95	3.86	4.81	15.78	R 9.58
1996	1.54	4.51	5.40	6.59	9.89	10.83	2.71	R 6.52	4.43	R 4.70	16.39	R 9.57
1997	1.49	R 4.68	5.30	6.90	10.37	10.93	2.11	R 6.03	4.41	R 4.52	17.19	R 9.84
1998	1.53	5.00	4.13	R 5.97	9.22	9.32	1.90	R 4.94	3.82	4.97	17.27	R 10.70
1999	1.39	5.01	4.54	R 7.04	8.94	10.16	1.84	R 5.71	3.93	R 5.05	18.62	R 11.24
2000	R 1.69	5.76	6.91	R 8.69	12.03	12.70	2.55	R 9.19	5.90	R 6.08	15.33	R 10.47
2001	1.66	7.19	6.40	8.59	13.16	12.40	—	8.87	5.62	7.37	18.22	12.43
	Expenditures in Million Nominal Dollars											
1970	0.1	11.5	1.7	0.5	0.9	3.3	(s)	6.5	(s)	18.0	23.3	41.3
1975	0.1	20.4	9.7	0.8	1.8	4.4	(s)	16.7	(s)	37.2	35.9	73.1
1980	0.5	44.9	13.0	—	3.1	4.8	0.2	21.2	(s)	66.5	60.7	127.3
1985	0.2	75.5	R 25.9	(s)	2.8	3.5	2.4	R 34.6	(s)	R 110.3	180.8	R 291.1
1986	0.6	56.1	R 7.8	0.2	2.5	2.7	0.6	R 13.8	(s)	R 70.6	204.5	R 275.1
1987	0.2	47.7	R 6.4	(s)	2.6	3.2	0.2	R 12.3	(s)	R 60.2	142.7	R 203.0
1988	0.2	51.8	R 3.9	(s)	2.6	3.1	0.1	R 9.8	(s)	R 61.8	147.0	R 208.8
1989	1.3	57.3	R 4.9	(s)	3.2	3.5	0.2	R 11.8	(s)	R 70.4	141.0	R 211.4
1990	R 1.3	56.4	R 5.0	(s)	4.3	4.2	0.2	R 13.7	0.2	71.7	149.4	221.1
1991	R 0.9	55.9	R 4.7	(s)	3.9	3.0	(s)	R 11.6	0.2	R 68.6	163.0	R 231.6
1992	0.5	51.5	R 3.9	(s)	3.4	2.7	(s)	R 10.0	0.2	R 62.2	171.8	R 234.0
1993	0.2	64.8	R 4.7	(s)	3.1	0.6	0.1	R 8.5	0.2	R 73.7	175.4	R 249.1
1994	0.1	63.7	R 4.1	(s)	2.9	0.8	(s)	R 7.9	0.2	R 71.9	185.2	R 257.2
1995	0.3	66.4	R 2.7	(s)	2.4	0.7	(s)	R 5.9	0.2	R 72.7	183.6	R 256.4
1996	0.1	68.8	R 7.2	(s)	3.3	1.1	(s)	R 11.6	0.3	R 80.8	201.4	R 282.3
1997	2.0	67.2	R 5.0	(s)	1.0	0.7	(s)	R 6.7	0.4	R 76.2	209.8	R 286.0
1998	0.1	66.4	R 2.7	R (s)	0.5	0.7	(s)	R 3.9	0.3	R 70.8	215.0	R 285.8
1999	0.1	62.0	R 3.7	R (s)	2.0	0.7	(s)	R 6.5	0.4	R 68.9	213.4	R 282.3
2000	0.1	79.8	R 5.7	R (s)	7.1	0.9	(s)	R 13.8	0.6	R 94.2	214.6	R 308.9
2001	0.1	97.4	7.3	(s)	7.9	0.9	—	16.2	0.4	114.0	246.8	360.8

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Montana

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.48	0.48	0.33	0.59	0.87	0.94	1.49	5.08	2.89	0.45	0.52	0.98	1.49	0.66	1.33	0.82
1975	—	0.79	0.79	0.93	1.84	2.44	2.63	2.77	7.48	4.78	1.99	1.40	2.38	1.49	1.76	1.96	1.80
1980	—	2.04	2.04	3.11	3.67	5.19	—	5.85	14.36	9.99	3.28	2.54	4.37	1.46	3.90	3.05	3.72
1985	—	1.82	1.82	4.71	4.83	6.14	6.44	7.19	17.61	9.16	3.03	2.05	R 5.80	1.46	R 5.23	7.35	R 5.70
1986	—	2.06	2.06	3.92	4.35	3.92	5.07	6.17	15.59	6.74	2.63	1.53	R 4.24	1.47	3.65	7.52	R 4.69
1987	—	1.64	1.64	3.36	3.07	4.22	5.04	5.77	13.58	7.57	2.34	1.50	R 3.72	1.47	R 3.25	8.42	R 4.73
1988	—	1.57	1.57	3.01	3.29	4.02	4.24	5.75	14.62	7.75	2.12	1.45	R 3.69	1.47	R 3.13	9.33	R 4.95
1989	—	1.53	1.53	2.93	2.75	4.79	4.84	5.98	14.48	8.59	2.16	1.74	R 4.09	R d 1.35	R d 3.53	9.15	R d 5.04
1990	—	1.54	R 1.54	R 3.18	2.64	6.01	6.43	8.30	14.60	9.56	3.03	R 2.00	R 4.92	R 1.00	R 4.04	8.40	R 5.21
1991	—	R 1.37	R 1.37	3.13	3.29	5.24	5.93	8.68	16.80	9.07	2.36	1.72	R 4.63	R 1.11	R 3.55	8.55	R 4.87
1992	—	1.52	R 1.52	4.10	2.86	5.15	5.39	8.82	18.32	9.39	1.70	1.29	R 4.12	R 1.17	R 3.67	8.48	R 4.99
1993	—	1.29	R 1.29	2.71	2.80	5.18	5.49	8.79	18.96	9.57	2.32	1.06	R 4.73	R 1.16	R 3.75	9.10	R 4.97
1994	—	1.42	R 1.42	4.80	2.82	5.07	4.81	7.03	19.11	10.04	2.14	1.14	R 4.11	R 1.17	R 3.59	9.66	R 4.98
1995	—	1.46	R 1.46	4.73	3.13	5.21	5.22	6.96	19.41	10.12	2.20	1.34	R 4.60	R 1.18	R 3.58	10.07	R 4.99
1996	—	1.54	R 1.54	4.74	3.46	6.06	6.02	8.63	20.08	10.83	2.71	1.75	R 5.32	R 0.99	R 4.34	9.66	R 5.52
1997	—	1.49	R 1.49	4.65	3.57	5.83	5.60	8.61	17.98	10.93	2.11	1.69	R 5.24	R 0.99	R 4.17	10.72	R 5.39
1998	—	1.53	R 1.53	4.56	3.63	4.48	4.63	7.43	19.07	9.32	1.90	1.40	R 3.78	R 1.29	R 3.53	9.36	R 4.87
1999	—	1.39	R 1.39	3.36	3.22	4.66	5.53	8.37	16.75	10.16	1.84	1.45	R 3.54	R 1.42	R 3.11	8.02	R 4.09
2000	—	R 1.69	R 1.69	7.26	3.29	6.76	R 7.70	11.49	17.99	12.70	—	1.55	R 4.74	R 1.47	R 4.89	11.63	R 6.40
2001	—	1.66	1.66	5.06	3.60	6.53	6.72	12.65	19.00	12.40	2.74	1.63	5.06	1.59	4.42	19.17	6.54
	Expenditures in Million Nominal Dollars																
1970	—	0.3	0.3	10.4	5.3	6.5	1.5	0.9	1.4	9.6	0.4	3.3	28.9	2.1	41.8	26.5	68.2
1975	—	0.8	0.8	26.1	11.3	35.5	1.0	0.8	2.1	19.4	14.9	8.7	93.7	2.1	122.6	32.6	155.3
1980	—	6.0	6.0	45.2	24.9	58.2	—	15.9	4.4	32.5	68.1	10.1	214.1	3.7	269.0	57.1	326.0
1985	—	7.4	7.4	35.7	46.9	R 185.8	(s)	17.9	5.0	32.6	(s)	10.9	R 299.0	4.3	R 346.4	138.0	R 484.4
1986	—	11.7	11.7	26.3	57.4	R 44.9	(s)	13.6	4.3	22.6	(s)	7.7	R 150.5	9.4	R 197.9	150.2	R 348.1
1987	—	5.6	5.6	24.4	33.5	R 39.5	0.2	15.2	4.2	22.8	(s)	12.1	R 127.5	9.3	R 166.9	172.7	R 339.6
1988	—	6.2	6.2	24.1	32.2	R 34.4	0.1	11.1	4.4	23.4	(s)	11.8	R 117.3	9.7	R 157.4	195.6	R 352.9
1989	—	5.6	5.6	27.6	31.9	R 73.1	0.1	11.6	4.5	28.5	(s)	R 12.6	R 162.1	R d 5.7	R d 201.1	192.2	R d 393.3
1990	—	6.2	R 6.2	28.4	26.0	R 97.2	0.2	19.8	4.6	30.8	(s)	R 14.6	R 193.4	R 5.5	R 233.5	178.5	R 412.0
1991	—	R 7.1	R 7.1	28.7	29.5	R 87.6	0.1	4.8	4.8	29.1	(s)	R 10.8	R 166.6	R 10.7	R 213.2	184.1	R 397.3
1992	—	7.1	R 7.1	47.3	24.8	R 64.2	(s)	7.8	5.3	28.2	(s)	R 11.8	R 142.1	R 5.0	R 201.6	177.5	R 379.1
1993	—	8.8	R 8.8	32.0	31.7	R 72.6	(s)	46.0	5.6	28.5	R 2.3	R 6.4	R 193.1	R 5.0	R 238.9	172.5	R 411.4
1994	—	14.9	R 14.9	R 63.1	36.7	R 56.6	(s)	8.9	5.9	31.7	R 1.4	R 7.6	R 148.8	R 5.9	R 232.6	187.4	R 420.0
1995	—	16.4	R 16.4	R 82.0	26.8	R 69.3	(s)	8.3	5.9	34.1	R 0.5	R 8.6	R 153.5	R 14.9	R 266.8	208.8	R 475.6
1996	—	3.7	R 3.7	R 81.3	39.0	R 90.6	(s)	30.7	5.9	37.4	(s)	R 12.3	R 216.0	R 11.7	R 312.6	198.5	R 511.1
1997	—	R 2.9	R 2.9	R 82.4	34.3	R 82.2	(s)	2.8	5.6	39.1	(s)	R 8.4	R 172.4	R 11.9	R 269.6	158.1	R 427.6
1998	—	R 4.0	R 4.0	R 93.7	38.4	R 51.1	(s)	2.7	6.2	21.2	(s)	R 15.0	R 134.7	R 14.3	R 246.7	195.0	R 441.7
1999	—	4.2	R 4.2	R 72.4	56.1	R 53.7	(s)	3.3	5.5	22.3	(s)	R 19.6	R 160.5	R 16.6	R 253.7	163.2	R 416.9
2000	—	R 4.5	R 4.5	R 163.1	46.9	R 74.9	R (s)	9.3	5.8	26.8	—	R 13.7	R 177.5	R 16.9	R 362.0	248.4	R 610.3
2001	—	4.2	4.2	97.6	21.6	72.5	0.5	12.4	5.6	35.3	(s)	19.0	166.9	14.7	283.3	205.8	489.1

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Montana

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.48	—	2.17	1.24	0.76	1.49	5.08	2.89	0.34	2.34	2.34	—	2.34
1975	0.79	—	3.45	2.65	2.12	2.77	7.48	4.78	2.01	4.02	4.02	—	4.02
1980	—	—	9.02	7.15	6.59	5.85	14.36	9.99	—	8.92	8.92	—	8.92
1985	—	—	9.99	6.80	6.64	7.19	17.61	9.16	4.01	R 8.44	R 8.44	—	R 8.44
1986	—	—	8.41	6.84	4.81	6.17	15.59	6.74	—	6.78	6.78	—	6.78
1987	—	—	7.55	7.09	4.38	5.77	13.58	7.57	—	7.35	7.35	—	7.35
1988	—	—	7.41	7.31	4.33	5.75	14.62	7.75	—	7.52	7.52	—	7.52
1989	—	—	8.28	8.13	4.79	5.98	14.48	8.59	—	8.33	8.33	—	8.33
1990	—	4.47	9.32	9.18	6.26	8.30	14.60	9.56	—	R 9.36	R 9.36	—	R 9.36
1991	—	R 4.37	8.71	8.94	5.47	8.68	16.80	9.07	—	8.97	8.97	—	8.97
1992	—	4.41	8.54	8.85	5.46	8.82	18.32	9.39	—	R 9.12	R 9.12	—	R 9.12
1993	—	5.08	8.24	8.96	5.39	8.79	18.96	9.57	—	R 9.27	R 9.27	—	R 9.27
1994	—	4.24	7.96	8.95	5.02	7.56	19.11	10.04	—	R 9.52	R 9.52	—	R 9.52
1995	—	4.48	8.36	9.03	5.32	7.38	19.41	10.12	—	R 9.56	R 9.56	—	R 9.56
1996	—	3.82	9.29	10.09	5.76	8.63	20.08	10.83	—	R 10.40	R 10.40	—	R 10.40
1997	—	R 3.71	9.39	8.68	5.94	8.12	17.98	10.93	—	R 9.99	R 9.99	—	R 9.99
1998	—	R 4.07	8.11	9.44	4.79	7.24	19.07	9.32	—	R 9.26	R 9.26	—	R 9.26
1999	—	3.70	8.81	9.34	5.13	8.97	16.75	10.16	—	R 9.72	R 9.72	—	R 9.72
2000	—	6.30	R 10.87	R 11.75	7.77	12.02	17.99	12.70	—	R 12.21	R 12.21	—	R 12.21
2001	—	6.57	11.01	10.78	7.07	13.56	19.00	12.40	—	11.65	11.65	—	11.65
	Expenditures in Million Nominal Dollars												
1970	(s)	—	0.5	21.9	2.7	0.2	4.7	127.7	0.3	157.9	157.9	—	157.9
1975	(s)	—	1.4	59.2	9.7	0.5	7.3	242.9	2.0	323.1	323.1	—	323.1
1980	—	—	7.3	198.3	34.1	1.0	17.1	509.5	—	767.3	767.3	—	767.3
1985	—	—	4.6	R 163.8	25.2	1.3	19.1	454.3	(s)	R 668.3	R 668.3	—	R 668.3
1986	—	—	4.4	R 156.6	23.3	1.2	16.5	334.5	—	R 536.7	R 536.7	—	R 536.7
1987	—	—	3.1	R 168.5	17.7	0.8	16.3	382.0	—	R 588.3	R 588.3	—	R 588.3
1988	—	—	4.0	R 176.6	19.6	1.0	16.9	398.4	—	R 616.6	R 616.6	—	R 616.6
1989	—	—	4.0	R 194.9	20.0	1.2	17.2	433.1	—	R 670.4	R 670.4	—	R 670.4
1990	—	(s)	5.2	R 213.6	24.8	2.0	17.8	483.4	—	R 746.9	R 746.9	—	R 746.9
1991	—	(s)	4.8	R 200.7	19.0	1.5	18.3	461.4	—	R 705.6	R 705.6	—	R 705.6
1992	—	(s)	3.3	R 223.7	26.3	1.1	20.4	498.3	—	R 773.0	R 773.0	—	R 773.0
1993	—	R 0.1	2.6	R 232.6	27.1	1.4	21.5	524.1	—	R 809.3	R 809.3	—	R 809.3
1994	—	R 0.1	3.0	R 265.8	24.0	1.6	22.6	550.1	—	R 867.1	R 867.2	—	R 867.2
1995	—	R 0.1	3.3	R 283.4	31.3	0.7	22.6	562.8	—	R 904.1	R 904.2	—	R 904.2
1996	—	0.1	4.6	R 287.2	32.6	0.5	22.7	625.4	—	R 972.9	R 973.0	—	R 973.0
1997	—	0.1	3.4	R 289.0	26.7	0.2	21.4	614.2	—	R 954.9	R 955.1	—	R 955.1
1998	—	R 0.1	4.2	R 294.1	21.6	1.6	23.8	541.6	—	R 886.9	R 887.1	—	R 887.1
1999	—	R 0.2	5.4	R 301.1	24.3	0.4	21.1	600.3	—	R 952.6	R 952.8	—	R 952.8
2000	—	R 0.3	R 7.3	R 397.8	32.9	0.5	22.4	736.9	—	R 1,197.7	R 1,198.0	—	R 1,198.0
2001	—	0.4	6.0	389.2	30.3	1.0	21.6	715.7	—	1,163.9	1,164.3	—	1,164.3

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Montana (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.19	0.27	0.33	0.36	—	0.33	—	0.65	—	0.99	0.23
1975	0.30	0.38	1.99	2.30	—	2.00	—	0.92	—	2.02	0.34
1980	0.44	3.87	—	5.01	—	5.01	—	1.74	—	3.59	0.72
1985	0.71	0.59	—	6.11	—	6.11	—	0.79	6.36	4.84	0.73
1986	0.67	0.86	—	4.28	—	4.28	—	0.32	—	4.80	0.68
1987	0.65	0.92	—	4.11	—	4.11	—	0.95	6.11	4.65	0.66
1988	0.55	1.26	—	4.03	—	4.03	—	0.87	6.02	4.58	0.55
1989	0.58	1.14	—	4.31	—	4.31	—	([b])	6.05	4.60	0.58
1990	0.67	1.45	—	5.43	—	5.43	—	([b])	5.84	5.66	0.68
1991	0.67	3.94	—	4.72	—	4.72	—	([b])	4.60	3.06	0.68
1992	0.71	3.42	—	5.09	—	5.09	—	([b])	4.37	3.19	0.71
1993	0.69	2.68	—	5.25	—	5.25	—	([b])	4.01	2.89	0.70
1994	0.69	1.15	—	4.63	—	4.63	—	([b])	—	2.27	0.70
1995	0.67	3.58	—	4.91	0.69	0.87	—	—	—	2.18	0.69
1996	0.71	2.69	—	5.65	0.64	0.89	—	—	3.82	2.31	0.72
1997	0.68	4.44	—	5.29	0.66	0.85	—	—	3.77	1.62	0.70
1998	0.67	1.92	—	4.46	0.64	0.76	—	—	4.01	3.02	0.68
1999	0.73	1.85	—	4.91	0.84	0.95	—	—	4.92	4.16	0.74
2000	0.92	5.10	—	7.99	0.43	0.65	—	—	3.04	3.52	0.91
2001	0.95	6.66	—	7.72	1.00	1.01	—	—	—	3.82	0.96
	Expenditures in Million Nominal Dollars										
1970	2.2	0.7	0.1	(s)	—	0.1	—	0.5	—	(s)	3.4
1975	5.2	0.5	0.7	(s)	—	0.7	—	0.1	—	(s)	6.4
1980	25.3	17.0	—	1.7	—	1.7	—	0.3	—	(s)	44.3
1985	67.1	0.3	—	1.4	—	1.4	—	0.5	1.6	(s)	70.8
1986	85.7	0.4	—	0.6	—	0.6	—	0.2	—	(s)	86.9
1987	83.8	0.5	—	1.1	—	1.1	—	0.5	0.6	(s)	86.4
1988	96.7	0.4	—	1.5	—	1.5	—	0.5	0.1	(s)	99.2
1989	100.8	0.5	—	1.5	—	1.5	—	([b])	0.4	(s)	103.1
1990	109.7	0.7	—	2.0	—	2.0	—	([b])	0.9	(s)	113.3
1991	119.6	1.1	—	1.2	—	1.2	—	([b])	0.4	(s)	122.3
1992	133.8	0.8	—	1.1	—	1.1	—	([b])	0.3	(s)	136.0
1993	107.3	0.8	—	1.5	—	1.5	—	([b])	(s)	(s)	109.7
1994	126.9	0.8	—	1.2	—	1.2	—	([b])	—	(s)	128.9
1995	110.3	1.4	—	1.6	5.1	6.7	—	—	—	(s)	118.4
1996	96.1	1.3	—	2.0	4.3	6.4	—	—	0.5	(s)	104.3
1997	108.8	1.9	—	1.5	4.6	6.1	—	—	0.2	(s)	117.0
1998	123.6	1.0	—	1.0	4.5	5.6	—	—	0.4	(s)	130.5
1999	133.5	0.6	—	1.0	6.7	7.8	—	—	0.3	0.5	141.7
2000	159.3	1.0	—	1.9	3.5	5.4	—	—	(s)	(s)	165.7
2001	172.5	1.1	—	0.1	8.6	8.7	—	—	—	(s)	182.3

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[b] Electric plants used wood at no charge.
— No consumption.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Nebraska

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.33	0.33	0.50	0.95	0.75	1.56	3.03	0.48	1.77	2.12	—	0.91	1.21	0.30	5.12	1.72
1975	—	0.86	0.86	0.90	2.38	2.09	3.07	4.76	1.74	3.69	3.74	0.17	1.34	1.96	0.50	6.89	2.89
1980	—	1.27	1.27	2.40	6.24	6.47	5.70	10.06	3.21	7.62	8.27	0.44	3.06	4.18	1.00	11.76	6.51
1985	—	1.18	1.18	4.43	R 6.51	6.19	R 7.17	9.67	4.28	10.18	8.21	0.65	3.46	4.80	1.01	15.70	8.01
1986	—	1.08	1.08	4.08	R 5.61	4.43	R 7.40	7.28	2.71	6.81	R 6.51	0.64	R 2.78	R 3.78	0.89	15.62	R 7.14
1987	—	0.98	0.98	3.71	R 6.03	4.38	R 7.05	7.58	2.53	6.22	R 6.73	0.64	R 2.65	3.74	0.83	15.65	R 7.16
1988	—	0.87	0.87	3.81	R 5.62	4.14	R 7.18	7.22	2.17	6.01	R 6.36	0.63	2.67	3.65	0.79	15.52	R 6.93
1989	—	0.85	0.85	3.84	R 6.31	4.54	R 7.57	8.42	2.04	6.30	R 7.25	0.65	e 2.95	e 3.92	0.78	16.22	R e 7.59
1990	—	0.78	0.78	3.93	R 7.51	6.03	R 9.18	9.49	2.22	6.02	R 8.33	0.61	3.56	R 4.29	0.73	16.33	R 8.35
1991	—	R 0.77	R 0.77	3.93	R 7.19	5.01	R 8.08	9.43	2.02	5.96	8.11	0.62	3.41	4.07	0.72	16.05	8.14
1992	—	0.78	0.78	4.10	R 7.03	4.64	R 7.57	9.09	1.97	7.24	7.92	0.57	3.03	R 4.07	0.69	16.20	8.13
1993	—	0.78	0.78	4.25	R 6.99	4.33	R 6.75	9.08	2.27	7.92	7.87	0.64	2.96	R 4.07	0.74	16.24	8.02
1994	—	0.80	0.80	4.19	R 6.85	3.99	R 7.16	9.21	2.08	7.37	R 7.83	0.73	2.81	R 4.16	0.77	16.08	R 8.03
1995	—	0.77	0.77	3.89	R 6.90	4.01	7.30	9.22	2.38	7.97	R 7.98	0.68	2.67	R 3.98	0.74	15.82	R 7.97
1996	—	0.74	0.74	4.22	R 7.99	4.89	R 8.98	10.02	2.94	6.11	8.71	0.64	R 2.97	R 4.33	0.71	15.58	8.47
1997	—	0.62	0.62	4.79	R 7.55	4.59	R 8.97	9.63	2.65	6.60	R 8.40	0.64	R 2.75	R 4.22	0.63	15.53	R 8.50
1998	—	R 0.62	R 0.62	R 4.04	R 6.35	3.49	R 7.26	8.20	2.55	6.61	7.12	0.61	R 2.52	R 3.67	0.63	15.54	R 7.66
1999	—	0.59	0.59	R 4.12	R 7.09	4.08	R 7.54	8.72	R 2.65	5.61	R 7.61	R 0.60	R 2.57	R 3.81	R 0.61	15.57	R 8.00
2000	—	R 0.59	R 0.59	R 5.41	R 9.52	6.76	R 11.52	11.64	R 3.88	R 8.73	10.51	R 0.61	R 3.63	R 4.97	R 0.67	15.55	R 9.90
2001	—	0.59	0.59	7.18	8.87	5.94	11.51	11.44	4.04	8.74	10.17	0.62	3.39	4.98	0.64	15.80	10.25
	Expenditures in Million Nominal Dollars																
1970	—	9.8	9.8	104.1	41.4	7.3	33.2	294.4	2.3	26.2	404.8	—	0.3	518.9	-22.3	170.3	666.9
1975	—	28.4	28.4	184.3	117.9	19.3	65.4	516.3	11.2	44.7	774.9	11.0	0.7	999.2	-68.1	271.2	1,202.2
1980	—	119.3	119.3	354.1	332.7	56.2	94.2	1,008.9	4.3	67.4	1,563.7	27.7	3.6	2,068.4	-164.7	550.6	2,454.3
1985	—	135.8	135.8	523.7	R 470.8	45.9	R 66.9	901.4	1.7	67.2	R 1,553.9	28.7	3.8	R 2,246.0	-158.2	841.2	R 2,929.0
1986	—	118.3	118.3	408.4	R 393.2	32.8	R 65.9	679.4	4.3	77.1	R 1,252.7	51.7	3.0	R 1,834.2	-166.7	846.3	R 2,513.8
1987	—	114.1	114.1	383.6	R 442.6	32.9	R 83.1	711.9	4.2	80.8	R 1,355.4	57.1	2.5	R 1,912.7	-167.6	864.2	R 2,609.3
1988	—	121.6	121.6	439.0	R 462.0	34.2	R 91.8	705.4	5.6	78.0	R 1,376.9	45.9	2.6	R 1,986.1	-165.9	914.0	R 2,734.2
1989	—	R 111.9	R 111.9	436.6	R 473.6	37.1	R 101.0	814.6	4.8	74.4	R 1,505.5	55.6	e 3.0	R e 2,112.7	R -167.5	972.0	R e 2,917.2
1990	—	110.1	110.1	R 415.5	R 562.3	50.0	R 96.9	920.2	3.6	83.0	R 1,715.9	48.8	4.8	R 2,295.2	R -160.7	995.7	R 3,130.1
1991	—	R 117.7	R 117.7	R 438.5	R 542.6	33.1	R 92.5	882.0	2.5	72.9	R 1,625.7	52.2	4.9	R 2,238.8	R -168.3	1,019.1	R 3,089.6
1992	—	110.2	110.2	R 419.0	R 566.7	30.7	R 88.5	857.6	2.3	64.0	R 1,609.8	52.6	R 4.7	R 2,196.3	R -158.3	983.2	R 3,021.2
1993	—	R 130.2	R 130.2	R 512.3	R 563.8	27.8	R 72.6	859.6	R 3.9	65.0	R 1,592.8	45.7	3.9	R 2,284.9	R -172.1	1,038.7	R 3,151.6
1994	—	R 128.4	R 128.4	R 509.2	R 582.3	28.1	R 80.2	869.4	2.8	72.6	R 1,635.4	48.1	3.8	R 2,324.9	R -172.1	1,090.5	R 3,243.3
1995	—	138.8	138.8	R 506.3	R 587.1	22.7	R 79.9	928.0	1.8	72.7	R 1,692.3	53.5	4.1	R 2,395.1	R -189.5	1,127.9	R 3,333.5
1996	—	132.6	132.6	R 545.4	R 774.9	27.9	R 124.2	1,017.7	3.1	89.4	R 2,037.2	63.4	R 5.5	R 2,784.1	-194.4	1,143.1	R 3,732.7
1997	—	119.8	119.8	R 612.9	R 741.0	28.0	R 101.5	995.0	R 1.8	84.0	R 1,951.4	R 62.7	R 4.1	R 2,750.8	R -181.0	1,196.3	R 3,766.1
1998	—	R 126.2	R 126.2	R 517.5	R 689.6	21.4	R 86.5	867.3	R 1.9	81.7	R 1,748.3	R 53.1	R 3.3	R 2,448.1	R -182.8	1,227.3	R 3,492.6
1999	—	R 117.0	R 117.0	R 487.4	R 733.0	36.2	R 99.9	931.0	R 1.3	86.5	R 1,887.9	R 63.1	R 3.7	R 2,558.5	R -183.2	1,211.8	R 3,587.1
2000	—	R 122.8	R 122.8	R 673.4	R 828.0	47.2	R 159.2	1,240.7	R 3.5	R 80.3	R 2,358.8	R 55.1	R 5.2	R 3,215.3	R -196.4	1,291.8	R 4,310.7
2001	—	134.2	134.2	868.7	734.3	37.5	150.4	1,214.9	3.2	75.2	2,215.5	56.6	4.3	3,279.3	-200.1	1,333.2	4,412.3

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Nebraska

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.08	0.84	1.19	1.39	1.78	1.69	0.61	1.04	6.21	1.84
1975	2.16	1.29	2.62	2.74	3.57	3.39	1.20	1.74	8.13	2.95
1980	3.60	2.78	6.85	7.55	6.82	6.84	3.06	3.32	13.22	5.79
1985	2.76	5.10	7.92	7.81	7.12	7.42	3.46	5.32	17.30	R 8.74
1986	2.40	4.62	4.88	6.29	5.35	5.21	R 2.78	4.64	17.27	8.55
1987	2.43	4.43	4.50	6.38	5.35	R 5.17	R 2.65	4.49	17.52	R 8.73
1988	2.49	4.53	4.27	6.26	5.48	R 5.23	2.67	4.57	17.42	R 8.67
1989	2.42	4.54	5.37	6.78	7.82	R 7.14	2.95	4.82	18.05	R 8.90
1990	2.42	R 4.68	6.74	8.28	7.79	R 7.54	3.56	R 4.93	18.25	R 9.34
1991	2.36	4.71	6.25	7.52	6.92	6.79	3.41	4.90	17.86	9.09
1992	2.39	4.92	5.51	7.13	6.65	6.48	3.12	R 5.05	18.38	9.32
1993	2.44	5.09	5.65	6.28	6.45	6.30	3.05	5.16	18.31	9.31
1994	2.47	5.09	5.56	6.00	6.78	R 6.56	2.96	5.18	18.48	9.65
1995	2.44	4.93	5.92	4.97	6.84	6.73	2.90	5.05	18.68	9.69
1996	2.35	4.85	6.91	6.00	8.62	8.43	R 3.32	5.21	18.44	9.40
1997	2.40	5.70	6.00	5.62	8.74	R 8.44	3.31	5.91	18.71	10.24
1998	2.43	R 5.12	5.79	4.31	6.46	6.40	2.87	5.25	18.92	R 10.26
1999	—	R 5.07	6.23	4.88	6.90	6.85	2.95	R 5.28	19.11	10.26
2000	—	R 6.40	7.96	9.18	10.04	9.84	4.43	R 6.84	19.13	R 11.26
2001	2.25	8.57	7.94	9.19	10.92	10.69	4.22	8.75	19.06	12.36
	Expenditures in Million Nominal Dollars									
1970	0.4	49.6	1.4	3.0	26.1	30.4	0.1	80.6	87.0	167.6
1975	0.1	68.9	2.6	5.8	41.7	50.1	0.2	119.4	130.3	249.6
1980	0.3	133.5	14.4	0.4	35.2	50.0	3.5	187.3	249.1	436.3
1985	R 0.2	233.9	R 16.3	1.8	25.6	R 43.7	3.7	R 281.5	365.5	R 647.0
1986	(s)	194.0	R 8.5	0.7	17.3	R 26.4	2.9	R 223.3	372.6	R 595.9
1987	(s)	169.5	R 5.8	0.5	23.9	R 30.2	2.4	R 202.1	381.4	R 583.5
1988	R 0.5	194.0	R 5.2	0.6	23.9	R 29.7	2.5	R 226.7	405.0	R 631.7
1989	R 0.1	200.7	R 9.1	0.3	34.8	R 44.2	2.9	R 247.9	414.0	R 662.0
1990	(s)	190.9	R 7.7	0.2	27.6	R 35.5	4.5	R 231.0	423.4	R 654.4
1991	0.1	207.3	7.2	0.2	30.7	38.1	4.6	250.1	435.0	685.0
1992	0.1	199.6	R 4.6	0.4	30.0	35.1	4.4	239.1	411.4	R 650.5
1993	(s)	239.3	5.5	0.4	27.2	33.1	3.6	276.1	451.6	R 727.7
1994	0.1	222.4	R 4.8	0.2	26.9	R 31.8	3.4	R 257.7	465.4	R 723.1
1995	0.1	217.6	R 3.0	0.1	29.1	R 32.2	3.7	R 253.6	484.1	R 737.6
1996	(s)	239.1	4.6	0.1	49.0	R 53.7	4.2	R 297.0	487.0	R 784.0
1997	0.5	268.0	R 3.1	0.2	40.0	R 43.4	3.0	R 314.9	510.0	R 824.8
1998	—	209.2	R 2.2	0.2	39.1	R 41.5	2.3	R 253.0	526.8	779.8
1999	—	205.4	R 2.8	0.2	42.8	R 45.7	2.6	R 253.7	517.1	R 770.8
2000	—	R 273.3	R 5.1	0.4	63.1	R 68.7	4.0	R 346.0	544.6	R 890.7
2001	(s)	406.4	3.8	0.5	64.3	68.6	3.3	478.3	561.9	1,040.2

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Nebraska

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.16	0.52	1.03	0.79	1.09	3.03	0.50	1.09	0.60	0.59	4.87	1.37
1975	0.81	1.00	2.45	2.39	2.46	4.76	1.75	2.60	1.20	1.17	6.96	2.36
1980	1.69	2.33	6.49	5.17	5.19	10.06	3.22	6.81	3.06	2.62	12.86	5.00
1985	2.51	4.29	6.00	7.81	7.17	9.67	—	R 6.61	3.46	R 4.61	16.78	R 8.27
1986	1.67	3.95	3.67	6.29	8.54	7.28	—	R 5.32	2.78	4.07	16.55	R 8.22
1987	1.62	3.76	4.21	6.38	8.07	7.58	2.60	R 5.66	2.65	3.94	16.43	R 8.32
1988	1.57	3.81	3.80	6.26	8.04	7.22	2.13	R 5.44	2.67	3.91	16.22	R 8.04
1989	1.47	3.82	4.44	6.78	7.41	8.42	2.02	R 5.77	2.95	3.97	16.93	R 8.56
1990	1.48	3.92	5.50	8.28	9.83	9.49	2.22	R 7.25	3.56	R 4.20	17.21	R 8.86
1991	R 1.43	3.93	4.88	7.52	8.76	9.43	2.03	R 6.84	3.41	4.09	16.84	8.58
1992	1.57	R 4.08	4.68	7.13	8.12	9.09	1.97	R 6.03	3.12	4.23	17.15	9.05
1993	1.43	4.38	4.50	6.28	6.91	9.08	2.27	5.24	3.05	R 4.44	17.28	9.29
1994	1.46	R 4.31	4.29	6.00	8.14	9.21	2.08	R 5.34	2.96	R 4.37	16.88	R 9.00
1995	1.42	4.04	4.30	4.97	8.17	9.22	2.38	R 6.19	2.90	4.13	16.46	8.84
1996	1.45	4.44	5.24	6.00	9.92	10.02	—	R 7.36	3.32	4.60	16.60	9.05
1997	1.42	4.89	4.91	5.62	10.48	9.63	2.65	R 7.41	2.78	4.85	16.41	9.71
1998	1.42	R 4.24	3.82	4.31	9.36	8.20	2.64	R 6.33	2.35	4.40	16.41	R 9.98
1999	—	R 4.15	4.35	4.88	8.76	8.72	2.69	R 6.45	2.20	4.33	16.44	R 10.08
2000	—	R 5.44	7.04	9.18	11.66	11.64	3.93	10.13	3.00	R 5.96	16.27	R 10.85
2001	1.06	7.35	6.51	9.19	13.14	11.44	4.05	9.75	2.85	7.58	16.58	11.91
	Expenditures in Million Nominal Dollars											
1970	0.1	24.7	1.2	0.3	2.8	1.7	0.8	6.8	(s)	31.6	58.3	89.9
1975	0.1	42.9	2.5	1.0	5.1	3.0	1.7	13.3	(s)	56.2	86.9	143.2
1980	0.5	99.1	6.8	0.6	4.7	7.9	0.5	20.5	0.1	120.1	178.5	298.7
1985	0.5	166.0	R 29.0	0.5	4.5	8.0	—	R 42.1	0.1	R 208.8	327.2	R 535.9
1986	0.1	142.8	R 7.5	0.3	4.9	5.4	—	R 18.1	0.1	R 161.1	327.3	R 488.3
1987	0.1	126.6	R 9.5	0.2	6.4	5.5	(s)	R 21.6	0.1	R 148.3	333.8	R 482.1
1988	1.0	147.7	R 7.0	0.1	6.2	5.1	0.2	R 18.5	0.1	R 167.3	351.0	R 518.3
1989	0.1	140.8	R 6.9	0.1	5.8	5.6	R 0.5	R 18.9	0.1	R 160.0	374.0	R 534.0
1990	0.1	140.8	R 9.2	1.1	6.1	7.7	0.3	R 24.5	0.3	R 165.7	378.7	R 544.4
1991	0.3	155.9	5.2	0.1	6.9	5.0	0.3	17.5	0.3	174.0	389.5	R 563.4
1992	0.2	137.6	R 7.3	0.1	6.5	4.4	0.5	R 18.7	0.3	R 156.8	378.6	R 535.4
1993	0.1	148.4	8.0	0.2	5.1	1.0	0.3	14.6	0.3	163.4	386.8	550.2
1994	0.2	165.1	R 8.2	0.2	5.7	1.0	0.2	R 15.4	0.3	R 181.0	411.8	R 592.8
1995	0.2	158.6	R 4.0	0.1	6.1	1.0	(s)	R 11.3	0.3	R 170.4	420.9	R 591.3
1996	(s)	182.5	R 7.0	0.1	10.0	1.1	—	R 18.2	0.3	R 201.1	428.4	R 629.5
1997	2.6	165.2	R 4.7	0.1	8.5	1.0	0.2	R 14.5	0.4	R 182.6	448.7	R 631.3
1998	—	122.9	4.9	0.1	10.0	0.9	0.1	R 16.0	0.3	R 139.2	451.7	R 590.9
1999	—	114.2	R 5.5	(s)	9.6	0.9	R (s)	R 16.1	0.4	R 130.7	448.7	R 579.4
2000	—	R 157.8	R 8.1	0.1	12.9	16.9	0.2	R 38.3	0.5	R 196.6	484.3	R 681.0
2001	0.1	207.6	9.2	0.1	13.7	12.4	0.5	36.0	0.4	244.1	495.5	739.6

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Nebraska

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.16	0.16	0.32	0.71	0.73	0.79	1.09	5.08	3.03	0.40	0.43	1.27	1.44	0.69	3.42	0.88
1975	—	0.81	0.81	0.69	2.07	2.25	2.39	2.46	7.48	4.76	1.74	4.56	2.94	1.44	1.48	4.96	1.77
1980	—	1.69	1.69	2.21	3.89	4.94	5.17	5.19	14.36	10.06	3.13	11.23	5.89	3.00	3.87	8.71	4.50
1985	—	2.51	2.51	3.67	5.04	6.25	7.08	7.17	17.61	9.67	4.28	13.38	R 6.97	3.00	R 5.35	11.47	6.21
1986	—	1.67	1.67	3.28	3.93	4.04	4.81	8.54	15.59	7.28	2.81	7.20	R 5.05	—	4.28	11.42	R 5.33
1987	—	1.62	1.62	2.81	3.85	4.50	4.89	8.07	13.58	7.58	2.60	7.78	R 5.35	—	R 4.21	11.34	R 5.16
1988	—	1.57	1.57	2.90	3.54	4.16	4.49	8.04	14.62	7.22	2.13	6.53	R 4.98	—	4.04	11.28	R 5.03
1989	—	1.47	1.47	2.96	3.09	4.72	5.32	7.41	14.48	8.42	2.02	9.15	R 5.37	d —	R d 4.29	12.34	R d 5.47
1990	—	1.48	1.48	3.02	3.15	5.87	7.81	9.83	14.60	9.49	2.22	8.55	R 6.22	—	R 4.97	12.28	R 6.15
1991	—	R 1.43	R 1.43	2.80	3.18	5.22	5.80	8.76	16.80	9.43	2.03	16.33	5.71	—	R 4.48	12.17	R 5.77
1992	—	1.57	1.57	2.98	2.62	5.16	5.76	8.12	18.32	9.09	1.97	24.75	5.67	—	R 4.46	11.91	5.74
1993	—	1.43	1.43	3.17	2.92	5.00	5.41	6.91	18.96	9.08	2.27	19.10	5.35	—	4.14	11.83	5.36
1994	—	1.46	1.46	3.17	2.91	4.86	5.17	7.14	19.11	9.21	2.08	24.75	R 5.29	—	R 4.15	11.70	R 5.37
1995	—	1.42	1.42	2.85	3.27	4.87	5.39	7.48	19.41	9.22	2.38	23.89	R 5.48	—	R 3.99	11.26	R 5.24
1996	—	1.45	1.45	3.27	3.12	5.85	6.11	9.11	20.08	10.02	2.94	22.95	6.06	R 2.37	R 4.69	10.78	R 5.81
1997	—	1.42	1.42	3.86	3.43	5.37	6.00	8.88	17.98	9.63	2.65	24.62	R 5.86	R 2.35	R 4.69	10.59	R 5.79
1998	—	1.42	1.42	3.25	3.08	4.24	4.64	7.76	19.07	8.20	2.64	20.11	R 4.89	R 2.36	R 3.87	10.54	R 5.04
1999	—	1.45	1.45	3.38	3.13	5.01	5.14	7.94	16.75	8.72	2.69	20.54	R 5.25	R 2.36	R 4.11	10.47	5.31
2000	—	R 1.39	R 1.39	R 4.60	4.74	7.96	8.17	12.91	17.99	11.64	3.93	21.33	R 8.52	R 2.34	R 6.04	10.59	R 6.95
2001	—	1.06	1.06	5.77	4.28	7.27	7.39	11.70	19.00	11.44	4.05	19.26	7.95	2.35	6.29	11.03	7.24
	Expenditures in Million Nominal Dollars																
1970	—	0.8	0.8	17.0	5.3	14.0	0.6	3.4	4.9	21.0	0.3	(s)	49.5	0.1	67.5	25.0	92.4
1975	—	4.8	4.8	49.2	10.3	42.3	1.5	16.5	8.8	41.1	0.8	1.4	122.7	0.4	177.2	54.0	231.1
1980	—	8.7	8.7	101.1	18.6	98.1	0.9	51.0	3.6	77.7	0.3	3.3	253.5	(s)	363.3	123.0	486.3
1985	—	12.2	12.2	119.4	15.8	R 162.3	0.9	35.1	4.0	70.8	1.7	5.6	R 296.1	(s)	R 427.7	148.5	R 576.2
1986	—	10.4	10.4	66.3	24.9	R 105.6	3.9	42.4	3.5	45.5	3.5	9.7	R 238.9	—	R 315.7	146.4	R 462.2
1987	—	9.4	9.4	83.2	31.7	R 111.9	2.4	51.1	3.4	49.7	3.4	10.4	R 264.0	—	R 356.6	149.0	R 505.6
1988	—	7.9	7.9	92.1	29.7	R 111.1	1.5	60.0	3.5	40.3	4.3	9.2	R 259.5	—	R 359.5	158.0	R 517.5
1989	—	7.9	7.9	89.2	23.2	R 127.9	0.3	58.2	3.6	46.8	3.4	12.6	R 276.1	d —	R d 373.2	184.0	R d 557.2
1990	—	6.6	6.6	76.5	29.0	R 164.4	0.6	60.6	3.7	47.4	3.3	12.9	R 321.9	—	R 405.0	193.5	R 598.5
1991	—	R 8.8	R 8.8	68.3	29.9	R 141.3	0.3	52.5	3.8	46.6	2.2	2.4	R 279.0	—	R 356.1	194.7	R 550.8
1992	—	9.4	9.4	77.2	15.6	R 146.7	0.3	50.4	4.3	39.4	1.8	3.8	R 262.2	—	R 348.9	193.2	R 542.0
1993	—	9.8	9.8	119.5	15.5	R 144.0	0.3	38.8	4.5	33.2	3.7	3.2	R 243.1	—	R 372.3	200.4	R 572.7
1994	—	11.5	11.5	115.3	19.9	R 151.7	0.3	44.8	4.8	35.4	R 2.5	4.2	R 263.5	—	R 390.4	213.3	R 603.7
1995	—	9.4	9.4	124.9	20.2	R 134.6	0.3	43.9	4.7	36.5	1.8	4.0	R 246.0	—	R 380.3	222.9	R 603.1
1996	—	7.8	7.8	118.9	36.7	R 156.9	0.4	64.4	4.8	40.4	3.1	3.6	R 310.2	R 0.9	R 437.8	227.7	R 665.5
1997	—	8.1	8.1	171.0	33.0	R 146.8	0.5	50.4	4.5	40.6	1.7	3.4	R 281.0	R 0.7	R 460.8	237.7	R 698.5
1998	—	R 10.4	R 10.4	173.0	28.6	R 124.1	0.3	36.7	5.0	44.7	R 1.6	2.7	R 243.7	R 0.7	R 427.7	248.8	R 676.5
1999	—	11.2	11.2	154.6	38.7	R 122.5	0.1	47.0	4.4	31.2	R 1.2	2.5	R 247.6	R 0.7	R 414.1	245.9	R 660.0
2000	—	R 11.6	R 11.6	R 216.3	29.5	R 210.6	R 0.3	81.6	4.7	38.5	R 2.8	2.3	R 370.3	R 0.5	R 598.7	262.8	R 861.6
2001	—	11.6	11.6	235.7	24.3	218.9	0.3	70.6	4.5	56.8	2.7	2.2	380.3	0.6	628.1	275.8	903.9

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Nebraska

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.16	—	2.17	1.14	0.75	1.09	5.08	3.03	0.50	2.51	2.51	—	2.51
1975	0.81	—	3.45	2.50	2.09	2.46	7.48	4.76	1.74	4.15	4.15	—	4.15
1980	—	—	9.02	7.06	6.47	5.19	14.36	10.06	—	9.20	9.20	—	9.20
1985	—	—	9.99	6.68	6.19	R 8.02	17.61	9.67	—	R 8.72	R 8.72	—	R 8.72
1986	—	—	8.41	6.79	4.43	R 9.69	15.59	7.28	2.32	R 7.11	R 7.11	—	R 7.11
1987	—	—	7.55	7.02	4.38	R 9.17	13.58	7.58	2.29	7.32	7.32	—	7.32
1988	—	—	7.41	6.47	4.14	R 9.13	14.62	7.22	—	6.90	6.90	—	6.90
1989	—	—	8.28	7.39	4.54	R 8.57	14.48	8.42	—	R 7.97	R 7.97	—	R 7.97
1990	—	—	9.32	8.66	6.03	R 11.42	14.60	9.49	—	R 9.13	R 9.13	—	R 9.13
1991	—	—	8.71	8.44	5.01	R 10.38	16.80	9.43	—	R 9.01	R 9.01	—	R 9.01
1992	—	R 4.41	8.54	8.20	4.64	R 9.53	18.32	9.09	—	R 8.72	R 8.72	—	R 8.72
1993	—	R 4.20	8.24	8.29	4.33	R 8.15	18.96	9.08	—	8.74	8.74	—	8.74
1994	—	4.74	7.96	8.21	3.99	R 10.82	19.11	9.21	—	R 8.77	R 8.77	—	R 8.77
1995	—	R 3.27	8.36	7.99	4.01	R 10.15	19.41	9.22	—	R 8.74	R 8.74	—	R 8.74
1996	—	R 3.32	9.29	8.92	4.89	R 11.03	20.08	10.02	—	9.53	9.53	—	9.53
1997	—	R 4.07	9.39	8.48	4.59	R 10.34	17.98	9.63	—	R 9.11	9.10	—	9.10
1998	—	R 4.51	8.11	7.21	3.49	R 10.10	19.07	8.20	—	7.76	7.76	—	7.76
1999	—	R 4.14	8.81	7.81	4.08	R 12.62	16.75	8.72	—	8.24	8.24	—	8.24
2000	—	R 4.97	R 10.87	10.32	6.76	R 16.00	17.99	11.64	—	R 11.07	R 11.07	—	R 11.07
2001	—	6.51	11.01	9.92	5.94	17.50	19.00	11.44	—	10.84	10.84	—	10.84
	Expenditures in Million Nominal Dollars												
1970	(s)	—	2.2	24.4	7.3	0.9	9.8	271.7	0.7	317.0	317.0	—	317.0
1975	(s)	—	2.5	67.2	19.3	2.1	13.6	472.2	1.5	578.3	578.3	—	578.3
1980	—	—	9.7	210.2	56.2	3.3	30.3	923.3	—	1,233.0	1,233.0	—	1,233.0
1985	—	—	4.9	R 261.0	45.9	R 1.6	33.8	822.6	—	R 1,169.9	R 1,169.9	—	R 1,169.9
1986	—	—	5.0	R 270.5	32.8	R 1.3	29.3	628.5	(s)	R 967.4	R 967.4	—	R 967.4
1987	—	—	3.4	R 314.5	32.9	R 1.7	28.8	656.7	(s)	R 1,038.0	R 1,038.0	—	R 1,038.0
1988	—	—	3.6	R 337.4	34.2	R 1.7	29.9	660.0	—	R 1,066.7	R 1,066.7	—	R 1,066.7
1989	—	—	3.9	R 328.6	37.1	R 2.1	30.4	762.2	—	R 1,164.2	R 1,164.2	—	R 1,164.2
1990	—	—	3.9	R 379.8	50.0	R 2.5	31.5	865.0	—	R 1,332.8	R 1,332.8	—	R 1,332.8
1991	—	—	3.7	R 388.2	33.1	R 2.4	32.5	830.4	—	R 1,290.3	R 1,290.3	—	R 1,290.3
1992	—	R 0.1	3.5	R 407.4	30.7	R 1.6	36.1	813.8	—	R 1,293.2	R 1,293.2	—	R 1,293.2
1993	—	R 0.1	3.0	R 405.2	27.8	R 1.4	38.0	825.4	—	R 1,300.9	R 1,301.0	—	R 1,301.0
1994	—	R 0.1	3.0	R 416.6	28.1	R 2.8	40.1	833.0	—	R 1,323.6	R 1,323.8	—	R 1,323.8
1995	—	R 0.1	3.2	R 444.0	22.7	0.8	40.0	890.5	—	R 1,401.2	R 1,401.3	—	R 1,401.3
1996	—	R 0.2	3.5	R 605.0	27.9	R 0.9	40.2	976.2	—	R 1,653.6	R 1,653.7	—	R 1,653.7
1997	—	R 0.9	4.2	R 584.5	28.0	R 2.7	38.0	953.3	—	R 1,610.6	R 1,611.5	—	R 1,611.5
1998	—	R 0.1	2.6	R 556.7	21.4	R 0.8	42.2	821.7	—	R 1,445.3	R 1,445.4	—	R 1,445.4
1999	—	R 0.1	3.2	600.4	36.2	R 0.6	37.4	898.9	—	R 1,576.8	R 1,576.9	—	R 1,576.9
2000	—	R 0.2	R 3.5	R 600.4	47.2	R 1.5	39.6	1,185.3	—	R 1,877.3	R 1,877.5	—	R 1,877.5
2001	—	0.3	4.8	500.0	37.5	1.9	38.3	1,145.7	—	1,728.3	1,728.6	—	1,728.6

[a] Liquefied petroleum gases.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Nebraska (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.35	0.27	0.49	0.63	—	0.54	—	—	—	—	0.30
1975	0.87	0.63	1.73	1.85	—	1.77	0.17	—	—	—	0.50
1980	1.24	1.82	3.21	6.19	—	4.14	0.44	—	—	—	1.00
1985	1.11	3.58	—	5.89	—	5.89	0.65	—	—	—	1.01
1986	1.04	3.21	2.32	3.87	—	3.05	0.64	—	—	—	0.89
1987	0.95	2.56	2.29	3.97	—	2.87	0.64	—	—	—	0.83
1988	0.84	2.69	2.34	3.47	—	2.83	0.63	—	—	—	0.79
1989	0.83	2.36	2.15	4.35	—	3.09	0.65	—	—	—	0.78
1990	0.75	2.01	1.86	7.03	—	6.89	0.61	—	—	—	0.73
1991	0.75	1.97	1.41	4.57	—	4.20	0.62	—	—	—	0.72
1992	0.75	2.38	—	4.65	—	4.65	0.57	0.99	—	—	0.69
1993	0.76	2.73	—	4.20	—	4.20	0.64	1.09	—	—	0.74
1994	0.77	2.05	1.67	4.02	—	3.98	0.73	0.86	—	—	0.77
1995	0.75	1.66	—	4.15	—	4.15	0.68	0.77	—	—	0.74
1996	0.72	2.06	—	5.11	—	5.11	0.64	0.78	—	—	0.71
1997	0.59	2.87	2.30	4.50	—	4.50	0.64	0.38	3.77	—	0.63
1998	0.59	2.43	1.64	3.54	—	3.31	0.61	0.37	4.01	3.02	0.63
1999	0.55	2.81	2.12	4.31	—	4.17	0.60	0.67	4.92	4.16	0.61
2000	0.56	4.60	3.56	6.48	—	5.99	0.61	0.67	—	—	0.67
2001	0.57	4.28	3.20	6.56	—	6.53	0.62	0.47	—	—	0.64
	Expenditures in Million Nominal Dollars										
1970	8.5	12.8	0.6	0.5	—	1.0	—	—	—	—	22.3
1975	23.4	23.3	7.2	3.3	—	10.5	11.0	—	—	—	68.1
1980	109.8	20.5	3.6	3.1	—	6.7	27.7	—	—	—	164.7
1985	122.9	4.4	—	2.1	—	2.1	28.7	—	—	—	158.2
1986	107.7	5.3	0.8	1.1	—	1.9	51.7	—	—	—	166.7
1987	104.5	4.4	0.8	0.8	—	1.6	57.1	—	—	—	167.6
1988	112.3	5.2	1.1	1.3	—	2.4	45.9	—	—	—	165.9
1989	103.9	5.9	0.8	1.2	—	2.1	55.6	—	—	—	167.5
1990	103.4	7.3	(s)	1.3	—	1.3	48.8	—	—	—	160.7
1991	108.5	6.9	(s)	0.7	—	0.8	52.2	—	—	—	168.3
1992	100.6	4.4	—	0.7	—	0.7	52.6	0.1	—	—	158.3
1993	120.2	5.1	—	1.0	—	1.0	45.7	0.1	—	—	172.1
1994	116.6	6.2	(s)	1.0	—	1.1	48.1	0.1	—	—	172.1
1995	129.2	5.1	—	1.5	—	1.5	53.5	0.1	—	—	189.5
1996	124.7	4.8	—	1.4	—	1.4	63.4	0.1	—	—	194.4
1997	108.6	7.8	(s)	1.9	—	1.9	62.7	0.1	(s)	—	181.0
1998	115.8	12.4	0.1	1.7	—	1.8	53.1	(s)	0.4	0.8	182.8
1999	105.8	13.0	0.1	1.6	—	1.7	63.1	0.1	0.4	1.0	183.2
2000	111.2	25.8	0.4	3.8	—	4.2	55.1	0.1	—	—	196.4
2001	122.4	18.7	(s)	2.4	—	2.4	56.6	0.1	—	—	200.1

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Nevada

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.39	0.39	0.61	1.29	0.76	2.91	3.07	0.58	1.35	1.95	—	0.72	1.32	0.36	3.89	1.96
1975	—	0.35	0.35	1.31	2.75	2.12	4.03	4.74	1.98	2.61	3.40	—	1.43	1.82	0.59	6.86	3.52
1980	—	1.06	1.06	3.10	6.97	6.59	7.07	9.96	3.58	5.86	7.67	—	3.66	4.69	1.68	13.18	8.17
1985	—	1.62	1.62	5.44	6.73	6.22	R 11.67	8.77	4.45	6.53	R 7.64	—	4.14	4.83	R 1.80	16.75	R 8.94
1986	—	1.40	1.40	4.60	R 5.23	4.25	R 11.05	6.75	2.04	6.11	R 5.76	—	3.32	R 3.55	1.47	17.16	7.76
1987	—	1.40	1.40	4.25	R 5.82	4.27	R 10.34	6.79	2.41	4.58	R 5.86	—	3.16	R 3.69	1.47	15.45	R 7.40
1988	—	1.37	1.37	4.49	R 5.70	4.08	R 10.27	7.32	2.39	4.60	R 6.00	—	R 3.20	3.67	1.47	15.93	R 7.72
1989	—	1.52	1.52	3.84	R 6.49	4.79	R 12.87	8.19	2.73	3.80	R 6.86	—	e 3.53	e 4.16	R 1.63	15.46	e 8.17
1990	—	1.49	1.49	3.68	R 7.34	6.26	R 11.60	9.10	2.93	4.05	R 7.83	—	4.75	R 4.53	1.59	15.77	R 8.96
1991	—	1.41	1.41	R 3.68	R 7.17	5.00	R 12.39	8.83	3.69	4.64	7.42	—	R 4.55	R 4.25	1.48	16.47	8.74
1992	—	1.46	1.46	R 3.41	R 6.98	4.70	R 12.97	9.30	3.15	4.77	R 7.59	—	R 4.16	R 4.31	R 1.56	16.71	R 8.99
1993	—	1.47	1.47	R 3.68	R 7.05	4.69	R 12.18	9.21	3.38	4.35	R 7.46	—	4.06	R 4.43	R 1.69	17.27	R 9.02
1994	—	1.44	1.44	R 3.69	R 6.96	4.23	R 11.49	9.55	3.03	4.18	R 7.53	—	3.94	R 4.42	R 1.57	18.73	R 9.57
1995	—	1.32	1.32	R 3.43	R 7.03	4.36	R 11.42	9.29	2.83	4.24	R 7.32	—	3.86	R 4.38	R 1.41	17.95	R 9.21
1996	—	1.38	1.38	R 3.39	R 8.22	5.14	R 11.88	10.42	R 3.76	4.79	R 8.44	—	4.43	R 4.90	R 1.59	17.48	R 9.83
1997	—	1.39	1.39	R 3.69	R 7.91	4.92	R 12.60	10.58	R 3.31	6.53	R 8.64	—	4.41	R 4.99	R 1.63	16.49	R 9.88
1998	—	1.30	1.30	R 3.96	R 6.77	3.58	R 11.37	9.21	R 2.89	4.90	R 7.46	—	3.82	R 4.47	R 1.63	16.95	R 9.24
1999	—	1.30	1.30	R 3.94	R 8.07	4.54	11.58	10.67	R 3.37	5.17	R 8.60	—	3.93	R 4.96	R 1.69	17.43	R 10.06
2000	—	1.27	1.27	R 5.12	R 10.70	7.12	14.62	13.34	R 5.54	R 5.41	R 11.11	—	5.90	R 6.14	R 2.63	18.14	R 11.70
2001	—	1.27	1.27	8.08	9.55	5.99	15.62	12.15	5.50	5.27	9.88	—	5.62	6.72	3.89	23.12	12.70
	Expenditures in Million Nominal Dollars																
1970	—	6.7	6.7	34.5	21.2	19.2	9.2	118.7	0.5	7.7	176.6	—	0.1	217.9	-15.1	75.7	278.5
1975	—	35.8	35.8	85.5	41.1	69.2	7.4	239.7	16.7	19.4	393.4	—	0.2	514.9	-79.8	179.0	614.1
1980	—	99.0	99.0	191.5	160.9	266.2	22.9	587.0	55.0	34.0	1,125.9	—	1.2	1,417.6	-226.1	468.2	1,659.7
1985	—	204.2	204.2	222.8	R 206.9	197.0	R 41.4	535.7	4.4	46.0	R 1,031.4	—	2.0	R 1,461.1	R -238.7	634.3	R 1,856.6
1986	—	225.5	225.5	162.3	R 164.2	140.5	R 34.1	432.9	8.0	32.1	R 811.8	—	1.6	R 1,201.1	-249.1	655.8	R 1,607.7
1987	—	217.1	217.1	173.6	R 204.7	152.5	R 32.8	466.2	7.8	32.5	R 896.5	—	0.8	R 1,288.4	R -239.5	638.7	R 1,687.7
1988	—	250.6	250.6	213.0	R 216.7	145.3	37.5	540.9	14.8	34.9	R 990.1	—	0.8	R 1,454.5	-290.8	717.3	R 1,881.0
1989	—	R 259.4	R 259.4	R 246.1	R 278.1	162.6	R 73.8	626.6	R 11.0	40.5	R 1,192.6	—	e 1.0	R e 1,700.5	R -317.4	773.1	R e 2,156.2
1990	—	R 246.8	R 246.8	243.0	R 291.2	212.9	R 60.2	714.3	8.4	34.5	R 1,321.5	—	5.5	R 1,816.8	R -301.3	879.8	R 2,395.4
1991	—	R 254.2	R 254.2	R 247.2	R 294.0	182.5	R 46.6	712.4	R 10.1	39.0	R 1,284.7	—	5.5	R 1,791.7	R -299.3	914.0	R 2,406.4
1992	—	R 261.8	R 261.8	R 272.8	R 314.3	161.8	R 42.3	783.6	R 11.3	32.7	R 1,346.1	—	5.3	R 1,886.0	R -334.6	988.2	R 2,539.7
1993	—	R 253.4	R 253.4	R 317.4	R 379.3	171.1	R 36.7	785.2	9.8	38.7	R 1,420.8	—	5.5	R 1,997.1	R -357.9	1,066.1	R 2,705.3
1994	—	R 258.9	R 258.9	R 382.9	R 374.7	163.3	R 48.9	860.5	6.3	40.1	R 1,493.9	—	5.2	R 2,141.1	R -367.6	1,253.0	R 3,026.4
1995	—	R 213.9	R 213.9	R 381.7	R 357.8	182.1	R 30.7	873.2	R 15.3	46.1	R 1,505.2	—	5.7	R 2,106.5	R -312.1	1,236.0	R 3,030.4
1996	—	233.1	233.1	R 425.4	R 526.0	228.6	R 38.0	1,030.5	4.8	51.6	R 1,879.5	—	6.5	R 2,544.5	R -382.1	1,322.1	R 3,484.5
1997	—	R 232.2	R 232.2	R 494.6	R 458.0	210.7	R 37.8	1,100.1	R 2.3	27.1	R 1,836.0	—	7.5	R 2,570.4	R -392.7	1,338.4	R 3,516.1
1998	—	R 240.0	R 240.0	R 605.0	R 361.6	136.2	36.0	1,059.9	R 1.2	51.2	R 1,646.3	—	R 5.9	R 2,497.1	R -434.1	1,419.4	R 3,482.5
1999	—	R 236.1	R 236.1	R 623.1	R 441.9	215.1	55.5	1,199.8	R 1.1	35.2	R 1,948.6	—	R 6.5	R 2,814.4	R -455.2	1,532.0	R 3,891.2
2000	—	253.4	253.4	R 982.6	R 606.1	369.8	62.1	1,533.1	2.8	R 35.5	R 2,609.4	—	R 10.2	R 3,855.7	R -838.5	1,691.5	R 4,708.7
2001	—	239.2	239.2	1,447.4	535.2	285.9	75.1	1,448.5	72.3	42.1	2,459.1	—	8.2	4,153.9	-1,198.8	2,171.8	5,126.9

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Nevada

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.31	1.39	1.27	—	3.52	2.51	0.72	1.74	4.46	2.67
1975	1.55	1.83	2.82	—	4.90	3.72	1.43	2.17	7.54	4.28
1980	5.13	3.87	6.92	—	9.28	8.31	3.66	4.56	14.21	8.69
1985	4.54	6.63	7.55	11.26	12.40	R 10.48	4.14	7.46	18.83	R 12.44
1986	4.49	5.62	7.26	5.02	11.84	R 9.58	3.32	6.41	19.28	12.20
1987	4.11	5.29	5.79	4.73	11.19	R 8.60	3.16	5.93	17.05	R 11.06
1988	3.83	5.89	6.02	5.12	10.98	R 8.85	R 3.20	6.46	17.58	R 11.64
1989	4.14	R 5.39	8.26	5.42	14.68	R 12.49	3.53	R 6.87	16.78	R 11.26
1990	5.03	5.49	6.76	7.50	13.10	R 11.19	4.75	6.51	16.71	R 11.11
1991	4.07	5.41	6.58	5.87	13.42	11.11	R 4.55	R 6.28	17.27	11.13
1992	4.14	R 5.41	7.74	5.30	14.23	R 11.63	R 4.16	R 6.34	18.14	R 11.83
1993	3.87	R 5.53	6.96	5.81	12.92	R 10.42	4.06	R 6.17	19.08	R 11.96
1994	4.49	R 6.48	6.98	5.07	12.03	R 10.14	3.94	R 6.87	20.97	R 13.44
1995	3.95	R 6.54	6.96	5.12	11.79	R 10.01	3.86	R 6.79	20.84	R 13.39
1996	4.26	5.95	9.25	5.35	12.63	R 11.32	4.43	R 6.48	20.22	R 13.05
1997	4.41	6.11	8.14	4.97	13.35	R 11.12	4.41	R 6.61	19.83	R 12.71
1998	4.50	R 6.79	7.02	6.67	12.22	R 10.00	3.82	R 7.01	20.51	R 12.76
1999	R 4.24	R 7.00	7.17	6.61	12.49	R 11.00	3.93	R 7.38	20.89	R 13.43
2000	4.33	R 6.44	10.70	9.80	15.55	R 13.62	5.90	R 7.07	21.34	R 13.83
2001	4.47	8.76	10.04	21.62	17.32	14.47	5.62	9.13	26.60	17.23
	Expenditures in Million Nominal Dollars									
1970	1.2	10.9	2.4	—	8.3	10.7	0.1	22.9	30.3	53.2
1975	0.1	21.6	4.4	—	5.8	10.1	0.2	32.0	72.1	104.2
1980	0.1	53.6	7.5	—	14.6	22.1	1.2	77.0	179.2	256.2
1985	(s)	88.7	R 12.1	3.0	29.1	R 44.2	1.9	R 134.9	265.1	R 399.9
1986	(s)	72.9	R 10.6	1.2	23.5	R 35.3	1.5	R 109.8	269.5	R 379.3
1987	(s)	75.1	R 9.3	0.5	21.4	R 31.3	0.8	R 107.2	263.9	R 371.0
1988	(s)	89.7	R 9.5	0.5	25.0	R 34.9	0.8	R 125.4	298.0	R 423.4
1989	(s)	93.0	R 12.3	0.4	46.1	R 58.8	0.9	R 152.8	296.0	R 448.8
1990	0.1	97.1	R 8.4	0.4	38.8	R 47.6	5.1	R 149.9	315.9	R 465.8
1991	(s)	107.3	R 8.4	0.3	35.6	44.4	5.2	156.9	340.7	497.6
1992	(s)	101.6	R 11.1	0.3	32.6	R 44.0	5.0	R 150.7	375.3	R 525.9
1993	(s)	117.7	R 10.8	0.3	29.0	R 40.1	5.1	R 162.9	408.8	R 571.7
1994	(s)	141.6	R 9.5	0.1	28.1	R 37.7	4.8	R 184.2	489.8	R 674.0
1995	(s)	139.8	R 7.1	0.2	21.7	R 29.0	5.3	R 174.1	473.3	R 647.4
1996	(s)	139.9	R 10.7	0.2	25.1	R 35.9	6.0	R 181.9	519.3	R 701.2
1997	(s)	158.3	R 12.3	0.2	28.2	R 40.7	6.7	R 205.7	527.9	R 733.6
1998	(s)	213.5	R 11.1	0.4	27.1	R 38.6	5.3	R 257.4	558.2	R 815.6
1999	R (s)	205.4	R 8.7	0.3	40.4	R 49.4	5.8	R 260.6	597.7	R 858.3
2000	—	198.5	R 13.2	R 0.4	30.5	R 44.2	9.1	R 251.8	684.9	R 936.7
2001	(s)	292.2	12.8	0.9	32.4	46.1	7.4	345.7	871.9	1,217.6

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Nevada

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.52	0.70	1.12	0.77	1.16	3.07	0.62	1.34	0.72	0.78	4.74	2.17
1975	0.82	1.45	2.62	2.42	2.45	4.74	2.00	2.99	1.43	1.58	8.01	3.87
1980	1.36	3.68	6.60	—	4.99	9.96	3.53	6.78	3.66	4.29	15.39	7.73
1985	1.61	5.77	5.99	11.26	10.19	8.77	4.80	R 6.99	4.14	5.98	18.24	R 11.16
1986	1.66	4.63	3.55	5.02	9.58	6.75	2.30	R 4.45	3.32	4.58	18.66	R 10.55
1987	1.56	4.27	4.19	4.73	9.01	6.79	2.64	R 4.80	3.16	R 4.40	16.59	R 9.41
1988	1.52	4.64	3.86	5.12	9.07	7.32	2.32	R 4.92	3.20	R 4.68	16.94	R 9.95
1989	1.69	R 4.31	4.83	5.42	10.66	8.19	2.52	R 6.26	3.53	R 4.64	16.85	9.98
1990	1.56	4.25	5.67	7.50	9.55	9.10	2.85	R 6.93	4.75	R 4.65	17.38	R 10.46
1991	1.57	4.19	5.28	5.87	9.82	8.83	2.54	R 6.64	4.55	4.50	17.92	10.40
1992	1.53	4.19	5.03	5.30	9.86	9.30	2.44	R 6.30	4.16	R 4.49	17.89	R 10.68
1993	1.54	R 4.28	5.26	5.81	9.81	9.21	—	R 5.62	4.06	R 4.59	18.38	R 10.36
1994	1.56	R 5.21	4.83	5.07	10.75	9.55	—	R 5.35	3.94	R 5.24	19.66	R 11.43
1995	1.49	R 5.23	5.13	5.12	10.89	9.29	—	R 5.54	3.86	R 5.29	19.06	R 11.24
1996	1.75	4.72	6.08	5.35	12.24	10.42	—	R 6.48	4.43	R 5.11	18.55	R 10.82
1997	1.44	4.96	5.47	4.97	12.46	10.58	3.11	R 6.87	4.41	5.11	17.44	R 10.87
1998	1.44	6.00	4.18	6.67	10.88	9.21	2.19	R 5.46	3.82	R 5.93	18.07	R 11.44
1999	R 1.46	R 5.90	5.47	6.61	11.19	10.67	2.80	R 6.72	3.93	R 5.97	18.42	R 11.92
2000	1.53	R 5.38	7.90	9.80	14.11	13.34	4.50	R 8.74	5.90	R 5.71	19.27	R 11.86
2001	1.51	7.82	6.95	21.62	15.36	12.15	—	8.37	5.62	7.85	24.18	15.85
	Expenditures in Million Nominal Dollars											
1970	0.4	7.3	1.0	(s)	0.5	0.8	0.1	2.5	(s)	10.1	33.4	43.5
1975	0.1	23.2	2.0	0.2	0.5	1.7	0.4	4.8	(s)	28.1	78.6	106.7
1980	0.1	39.6	13.6	—	1.4	3.2	0.2	18.3	(s)	58.0	93.2	151.2
1985	0.1	74.9	R 11.0	0.3	4.2	3.8	0.8	R 20.1	0.1	R 95.1	212.0	R 307.1
1986	0.1	56.2	R 10.3	0.1	3.4	2.9	0.2	R 17.0	(s)	R 73.3	219.9	R 293.2
1987	0.1	59.0	R 14.8	0.1	3.0	3.0	0.2	R 21.1	(s)	R 80.2	211.6	R 291.8
1988	0.1	68.7	R 9.5	0.2	3.6	3.1	0.1	R 16.6	(s)	R 85.4	233.0	R 318.4
1989	0.1	67.1	R 10.8	0.1	5.9	3.5	(s)	R 20.3	(s)	R 87.6	247.0	R 334.5
1990	0.1	66.0	R 10.3	0.2	5.0	4.0	(s)	R 19.5	0.3	R 85.9	269.8	R 355.8
1991	0.1	73.6	9.0	0.1	4.6	3.6	(s)	R 17.3	0.3	R 91.3	285.6	R 376.9
1992	(s)	69.7	R 9.9	0.1	4.0	3.4	(s)	R 17.4	0.3	R 87.5	299.7	R 387.2
1993	0.1	77.2	R 27.7	0.1	3.9	0.6	—	R 32.2	0.4	R 109.9	315.9	R 425.9
1994	(s)	100.2	R 23.0	0.1	4.4	0.6	—	R 28.1	0.4	R 128.7	363.3	R 492.1
1995	(s)	101.0	R 24.8	(s)	3.5	0.6	—	R 29.0	0.4	R 130.5	358.2	R 488.7
1996	(s)	100.3	R 35.0	(s)	4.3	0.7	—	R 40.0	0.5	R 140.8	378.0	R 518.8
1997	(s)	111.8	R 9.0	(s)	4.6	0.7	(s)	R 14.4	0.7	R 126.9	379.8	R 506.7
1998	(s)	146.4	R 7.5	0.1	4.3	0.6	0.1	R 12.5	0.6	R 159.6	403.4	R 563.0
1999	R (s)	136.7	R 11.6	0.1	6.4	0.7	0.1	R 18.9	0.7	R 156.4	440.3	R 596.7
2000	—	141.7	R 18.5	0.1	4.9	0.9	R 0.2	R 24.6	1.1	R 167.5	469.9	R 637.3
2001	(s)	183.3	13.6	0.3	5.1	1.0	—	19.9	0.8	204.0	603.9	808.0

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Nevada

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.52	0.52	0.52	0.59	0.96	0.77	1.16	5.08	3.07	0.49	0.43	1.04	—	0.75	2.14	1.02
1975	—	0.82	0.82	1.06	1.83	2.25	2.42	2.45	7.48	4.74	1.83	—	2.25	—	1.61	4.23	2.18
1980	—	1.36	1.36	2.83	3.69	5.56	—	4.99	14.36	9.96	3.75	4.04	5.10	—	3.67	11.63	7.20
1985	—	1.61	1.61	4.05	4.78	6.24	6.96	10.19	17.61	8.77	4.80	3.38	6.06	—	R 5.11	12.91	R 7.67
1986	—	1.66	1.66	3.76	4.34	3.88	4.85	9.58	15.59	6.75	2.30	—	R 4.43	—	3.99	13.36	R 7.53
1987	—	1.56	1.56	3.72	3.27	4.46	4.85	9.01	13.58	6.79	2.64	—	R 4.42	—	R 3.95	12.46	R 6.95
1988	—	1.52	1.52	3.84	3.28	4.11	5.01	9.07	14.62	7.32	2.32	—	4.21	—	3.89	13.01	R 6.81
1989	—	1.69	1.69	R 4.84	2.73	5.02	5.55	10.66	14.48	8.19	2.52	—	4.79	d —	d 4.51	12.99	R d 7.07
1990	—	1.56	1.56	3.98	2.60	5.73	7.24	9.55	14.60	9.10	2.85	—	R 5.29	—	R 4.64	13.76	R 7.90
1991	—	1.57	1.57	4.06	3.27	5.41	6.12	9.82	16.80	8.83	2.54	—	5.08	—	R 4.47	14.51	7.96
1992	—	1.53	1.53	R 3.94	2.91	5.47	5.24	9.86	18.32	9.30	2.44	—	R 5.18	—	R 4.54	14.43	R 8.02
1993	—	1.54	1.54	R 4.18	2.84	5.71	5.21	9.81	18.96	9.21	2.36	—	R 5.15	—	R 4.62	14.78	R 8.23
1994	—	1.56	1.56	R 5.50	2.76	5.31	5.06	10.79	19.11	9.55	2.51	—	R 5.05	—	R 4.75	15.96	R 8.80
1995	—	1.49	1.49	R 5.17	3.11	5.46	5.33	10.23	19.41	9.29	2.82	—	R 4.68	—	R 4.37	14.79	R 8.10
1996	—	1.75	1.75	4.71	3.51	6.43	6.10	9.85	20.08	10.42	3.19	9.71	R 5.87	—	R 5.32	14.37	R 8.87
1997	—	1.44	1.44	R 7.57	3.51	5.81	6.10	9.45	17.98	10.58	3.11	9.71	R 5.92	—	R 5.77	13.13	R 9.03
1998	—	1.44	1.44	R 4.52	3.63	4.32	4.22	8.25	19.07	9.21	2.19	9.71	R 4.64	—	R 4.21	13.39	R 8.11
1999	—	1.46	1.46	R 4.67	3.22	5.34	4.40	8.81	16.75	10.67	2.80	9.71	R 5.27	—	R 4.46	13.97	R 8.83
2000	—	1.53	1.53	R 4.96	3.18	7.92	8.39	13.77	17.99	13.34	—	9.71	R 7.57	—	R 6.08	14.60	R 10.15
2001	—	1.51	1.51	6.84	3.42	7.04	7.00	13.61	19.00	12.15	—	9.71	7.17	—	6.42	19.24	12.40
	Expenditures in Million Nominal Dollars																
1970	—	0.9	0.9	5.8	2.4	4.7	(s)	0.4	0.7	2.7	0.1	(s)	11.0	—	17.7	12.0	29.7
1975	—	1.5	1.5	11.4	10.2	9.3	0.2	1.0	1.2	2.9	0.5	—	25.2	—	38.1	28.3	66.4
1980	—	4.6	4.6	21.9	15.0	21.1	—	6.9	2.2	5.8	(s)	0.1	51.1	—	77.6	195.8	273.4
1985	—	4.2	4.2	24.2	26.8	R 54.1	(s)	6.9	2.4	6.0	2.5	0.1	R 98.9	—	R 127.2	157.2	R 284.4
1986	—	4.1	4.1	12.1	16.3	R 34.1	0.1	6.4	2.1	4.9	1.6	—	R 65.5	—	R 81.7	166.3	R 248.0
1987	—	4.1	4.1	20.7	18.7	R 35.0	0.3	7.7	2.1	5.5	1.3	—	R 70.6	—	R 95.3	163.2	R 258.6
1988	—	4.3	4.3	24.8	20.3	R 51.3	0.1	8.1	2.2	5.6	1.5	—	R 89.1	—	R 118.1	186.4	R 304.5
1989	—	6.4	6.4	35.3	25.3	R 87.4	0.2	21.0	2.2	6.4	0.7	—	R 143.1	d —	R d 184.8	230.1	R d 415.0
1990	—	6.1	6.1	30.8	18.7	R 97.1	0.3	15.5	2.3	8.1	0.1	—	R 142.1	—	R 179.0	294.0	R 473.0
1991	—	7.2	7.2	25.5	23.3	R 93.1	0.3	5.6	2.3	8.3	0.9	—	R 133.7	—	R 166.4	287.7	R 454.1
1992	—	6.1	6.1	34.7	16.2	R 108.2	0.3	4.7	2.6	8.4	0.8	—	R 141.2	—	R 182.0	313.3	R 495.3
1993	—	7.0	7.0	R 24.8	21.6	R 126.7	(s)	2.7	2.7	6.8	1.0	—	R 161.6	—	R 193.4	341.3	R 534.7
1994	—	7.1	7.1	R 31.2	23.1	R 120.3	(s)	14.6	2.9	9.5	R 1.4	—	R 171.9	—	R 210.2	399.8	R 610.0
1995	—	8.6	8.6	R 34.9	30.7	R 108.6	0.1	4.6	2.9	9.8	R 14.8	—	R 171.3	—	R 214.8	404.5	R 619.3
1996	—	7.1	7.1	R 33.3	33.4	R 146.6	0.1	7.7	2.9	11.2	R 1.1	1.0	R 204.0	—	R 244.4	424.8	R 669.2
1997	—	R 6.1	R 6.1	R 60.0	10.4	R 135.9	0.1	4.3	2.7	16.5	R 1.7	1.0	R 172.5	—	R 238.7	430.7	R 669.3
1998	—	R 8.4	R 8.4	R 43.4	33.4	R 80.5	(s)	4.3	3.0	20.9	R (s)	1.5	R 143.7	—	R 195.5	457.9	R 653.4
1999	—	10.2	10.2	R 52.1	17.3	R 84.4	0.4	8.8	2.7	7.4	R 0.1	2.0	R 123.1	—	R 185.4	494.0	R 679.4
2000	—	8.2	8.2	R 51.8	16.8	R 129.2	(s)	26.6	2.9	7.7	—	1.3	R 184.6	—	R 244.6	536.7	R 781.4
2001	—	7.4	7.4	71.7	23.1	102.8	(s)	28.3	2.8	28.8	—	1.1	186.9	—	266.0	696.0	962.0

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Nevada

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.52	—	2.17	1.50	0.76	1.16	5.08	3.07	0.60	2.08	2.08	—	2.08
1975	0.82	—	3.45	3.01	2.12	2.45	7.48	4.74	2.36	3.66	3.66	—	3.66
1980	—	—	9.02	7.36	6.59	4.99	14.36	9.96	—	8.44	8.44	—	8.44
1985	—	—	9.99	6.97	6.22	R 10.84	17.61	8.77	—	7.79	7.79	—	7.79
1986	—	—	8.41	6.01	4.25	R 10.24	15.59	6.75	1.86	5.96	5.96	—	5.96
1987	—	—	7.55	6.59	4.27	R 9.57	13.58	6.79	—	6.07	6.07	—	6.07
1988	—	—	7.41	6.87	4.08	R 9.58	14.62	7.32	—	6.39	6.39	—	6.39
1989	—	—	8.28	7.76	4.79	R 11.26	14.48	8.19	—	7.27	7.27	—	7.27
1990	—	—	9.32	8.97	6.26	R 11.02	14.60	9.10	—	8.37	8.37	—	8.37
1991	—	3.59	8.71	8.89	5.00	R 11.29	16.80	8.83	—	7.85	7.85	—	7.85
1992	—	3.34	8.54	8.53	4.70	R 11.22	18.32	9.30	—	8.08	8.08	—	8.08
1993	—	R 3.25	8.24	8.80	4.69	R 11.33	18.96	9.21	—	8.04	8.04	—	8.04
1994	—	R 3.71	7.96	8.90	4.23	R 11.41	19.11	9.55	—	8.14	8.13	—	8.13
1995	—	R 3.61	8.36	8.67	4.36	R 11.69	19.41	9.29	—	7.94	7.94	—	7.94
1996	—	3.39	9.29	9.76	5.14	R 11.55	20.08	10.42	—	R 8.99	8.99	—	8.99
1997	—	3.52	9.39	9.63	4.92	R 11.23	17.98	10.58	—	9.06	9.06	—	9.06
1998	—	R 3.68	8.11	8.39	3.58	R 9.83	19.07	9.21	—	7.93	R 7.92	—	R 7.92
1999	—	R 3.76	8.81	9.50	4.54	R 12.41	16.75	10.67	—	R 8.98	R 8.97	—	R 8.97
2000	—	R 4.26	R 10.87	12.14	7.12	R 16.07	17.99	13.34	—	R 11.54	R 11.53	—	R 11.53
2001	—	14.32	11.01	10.65	5.99	17.77	19.00	12.15	—	10.46	10.47	—	10.47
	Expenditures in Million Nominal Dollars												
1970	(s)	—	2.0	13.0	19.2	(s)	2.6	115.3	(s)	152.1	152.1	—	152.1
1975	(s)	—	3.4	24.7	69.2	0.1	4.2	235.2	0.1	336.9	336.9	—	336.9
1980	—	—	9.4	118.0	266.2	0.1	7.3	578.0	—	978.9	978.9	—	978.9
1985	—	—	5.3	R 127.8	197.0	R 1.2	8.1	525.9	—	R 865.2	R 865.2	—	R 865.2
1986	—	—	5.2	R 108.5	140.5	0.8	7.0	425.0	(s)	R 687.1	R 687.1	—	R 687.1
1987	—	—	3.8	R 144.8	152.5	0.6	6.9	457.7	—	R 766.3	R 766.3	—	R 766.3
1988	—	—	4.5	R 144.8	145.3	R 0.8	7.2	532.2	—	R 834.7	R 834.7	—	R 834.7
1989	—	—	4.9	R 165.6	162.6	0.8	7.3	616.8	—	R 958.0	R 958.0	—	R 958.0
1990	—	—	5.2	R 172.1	212.9	R 0.9	7.6	702.1	—	R 1,100.8	R 1,100.8	—	R 1,100.8
1991	—	(s)	4.9	R 181.3	182.5	R 0.8	7.8	700.4	—	R 1,077.8	R 1,077.8	—	R 1,077.8
1992	—	R 0.2	4.5	R 183.1	161.8	R 1.0	8.6	771.9	—	R 1,131.0	R 1,131.2	—	R 1,131.2
1993	—	R 0.3	4.7	R 208.8	171.1	R 1.1	9.1	777.9	—	R 1,172.8	R 1,173.0	—	R 1,173.0
1994	—	R 0.3	4.3	R 220.7	163.3	R 1.8	9.6	850.3	—	R 1,250.1	R 1,250.4	—	R 1,250.4
1995	—	0.4	2.7	R 216.5	182.1	R 0.8	9.6	862.9	—	R 1,274.5	R 1,275.0	—	R 1,275.0
1996	—	R 0.5	4.3	R 332.7	228.6	R 0.9	9.6	1,018.6	—	R 1,594.8	R 1,595.3	—	R 1,595.3
1997	—	R (s)	3.6	R 299.4	210.7	R 0.8	9.1	1,082.9	—	R 1,606.5	R 1,606.5	—	R 1,606.5
1998	—	R 1.1	2.7	R 261.7	136.2	R 0.3	10.1	1,038.5	—	R 1,449.4	R 1,450.5	—	R 1,450.5
1999	—	R 1.4	3.5	R 336.2	215.1	(s)	9.0	1,191.6	—	R 1,755.4	R 1,756.8	—	R 1,756.8
2000	—	R 1.8	R 4.5	R 443.2	369.8	0.1	9.5	1,524.5	—	R 2,351.5	R 2,353.3	—	R 2,353.3
2001	—	6.8	4.9	404.9	285.9	9.2	9.2	1,418.6	—	2,132.7	2,139.4	—	2,139.4

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Nevada (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.31	0.38	0.61	0.70	—	0.62	—	—	—	—	0.36
1975	0.34	1.09	1.98	2.47	—	2.00	—	—	—	—	0.59
1980	1.05	2.59	3.58	5.58	—	3.60	—	—	—	—	1.68
1985	1.62	4.07	3.71	6.12	—	4.91	—	—	6.36	—	1.80
1986	1.39	3.04	1.97	3.94	—	2.06	—	—	—	—	1.47
1987	1.40	2.58	2.36	4.41	—	2.51	—	—	6.11	—	1.47
1988	1.36	2.72	2.40	4.05	—	2.51	—	—	—	—	1.47
1989	1.52	2.11	2.74	5.19	—	2.97	—	—	6.05	—	1.63
1990	1.49	1.96	2.93	6.47	—	3.50	—	—	5.84	—	1.59
1991	1.41	1.73	3.86	5.20	—	4.07	—	—	4.60	—	1.48
1992	1.46	1.87	3.23	4.90	—	3.41	—	—	4.37	—	1.56
1993	1.47	2.38	3.55	5.08	—	4.00	—	—	4.01	—	1.69
1994	1.43	1.92	3.22	4.37	—	3.40	—	—	4.09	—	1.57
1995	1.31	1.66	2.99	4.93	—	3.94	—	—	—	—	1.41
1996	1.37	2.06	3.97	5.52	—	4.25	—	—	—	—	1.59
1997	1.39	2.12	4.09	5.08	—	4.74	—	—	—	—	1.63
1998	1.30	2.30	2.94	3.80	—	3.24	—	—	—	—	1.63
1999	1.29	2.42	3.59	4.53	—	4.02	—	—	—	—	1.69
2000	1.26	4.75	5.66	7.22	—	6.25	—	—	—	—	2.63
2001	1.26	8.03	5.50	5.85	—	5.51	—	—	—	—	3.89
	Expenditures in Million Nominal Dollars										
1970	4.3	10.5	0.3	0.1	—	0.4	—	—	—	—	15.1
1975	34.1	29.3	15.7	0.8	—	16.5	—	—	—	—	79.8
1980	94.2	76.4	54.8	0.7	—	55.5	—	—	—	—	226.1
1985	199.9	35.0	1.2	1.9	—	3.1	—	—	0.6	—	238.7
1986	221.2	21.1	6.2	0.6	—	6.8	—	—	—	—	249.1
1987	213.0	18.9	6.3	0.9	—	7.2	—	—	0.4	—	239.5
1988	246.2	29.8	13.2	1.6	—	14.8	—	—	—	—	290.8
1989	252.9	50.6	10.4	2.0	—	12.4	—	—	1.5	—	317.4
1990	240.5	49.1	8.2	3.4	—	11.6	—	—	(s)	—	301.3
1991	247.0	40.7	9.2	2.2	—	11.5	—	—	0.1	—	299.3
1992	255.6	66.5	10.5	1.9	—	12.4	—	—	(s)	—	334.6
1993	246.3	97.4	8.8	5.3	—	14.1	—	—	(s)	—	357.9
1994	251.8	109.6	4.9	1.2	—	6.1	—	—	0.1	—	367.6
1995	205.3	105.6	0.5	0.8	—	1.3	—	—	—	—	312.1
1996	225.9	151.4	3.7	1.1	—	4.8	—	—	—	—	382.1
1997	226.1	164.6	0.6	1.4	—	2.0	—	—	—	—	392.7
1998	231.5	200.5	1.2	0.9	—	2.0	—	—	—	—	434.1
1999	225.9	227.5	0.9	0.9	—	1.8	—	—	—	—	455.2
2000	245.2	588.8	2.6	2.0	—	4.6	—	—	—	—	838.5
2001	231.8	893.5	72.3	1.2	—	73.5	—	—	—	—	1,198.8

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, New Hampshire

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.37	0.37	1.65	1.38	0.75	2.06	2.92	0.42	1.41	1.60	—	1.11	1.41	0.36	6.74	2.18
1975	—	1.22	1.22	2.24	2.80	2.10	3.53	4.54	1.85	2.99	3.24	—	1.31	2.85	1.43	12.68	4.32
1980	—	1.60	1.60	4.27	6.97	6.51	6.89	10.11	3.82	7.45	7.29	—	2.07	6.04	2.68	19.55	9.32
1985	—	2.02	2.02	6.44	R 7.47	6.53	R 11.45	9.26	3.81	7.44	R 7.76	—	2.11	R 6.30	R 2.67	23.28	R 10.31
1986	—	R 2.01	R 2.01	6.53	R 5.47	4.93	R 10.89	7.32	2.02	6.52	5.43	—	1.79	R 4.95	R 2.17	22.14	R 8.53
1987	—	1.93	1.93	5.75	R 5.52	4.18	R 10.69	7.60	2.67	5.26	R 5.90	—	1.71	R 5.20	R 2.46	23.25	R 8.72
1988	—	1.79	1.79	5.50	R 5.64	4.22	R 10.56	7.82	1.94	5.56	R 5.79	—	1.72	R 5.06	R 1.99	24.24	R 9.23
1989	—	1.75	1.75	6.06	R 6.30	4.83	R 10.33	8.60	2.33	5.21	R 6.38	—	R e 0.97	R e 5.35	R 1.81	24.49	R e 9.89
1990	—	1.81	1.81	6.38	R 7.29	6.40	R 11.56	9.66	2.43	4.88	R 7.23	1.03	R 0.83	R 5.04	R 1.44	26.64	R 10.81
1991	—	1.80	1.80	6.12	R 6.65	5.36	R 12.83	9.55	1.90	4.88	R 7.24	0.84	R 0.86	R 4.49	R 1.19	26.76	R 10.74
1992	—	1.73	1.73	R 6.31	R 6.24	4.86	R 11.55	9.50	1.93	4.44	R 7.07	0.95	R 0.86	R 4.30	R 1.23	29.22	R 10.80
1993	—	1.65	1.65	6.56	R 6.11	4.58	R 11.39	9.16	1.91	5.64	R 6.97	0.57	R 0.88	R 3.99	R 0.98	31.80	R 11.03
1994	—	1.53	1.53	6.37	R 5.96	4.29	R 11.43	9.33	R 2.13	5.88	R 7.05	0.52	R 0.91	R 4.47	R 1.07	33.18	R 11.45
1995	—	1.59	1.59	5.49	R 5.94	4.12	R 11.49	10.00	2.42	5.72	R 7.62	0.54	R 1.06	R 4.39	R 1.04	34.36	R 11.75
1996	—	1.61	1.61	6.36	R 6.97	5.25	R 12.80	10.20	R 2.73	5.75	R 8.10	0.42	R 1.00	R 4.55	R 0.90	33.98	R 11.64
1997	—	1.64	1.64	R 6.91	6.96	4.84	R 13.32	10.16	2.73	5.39	R 8.01	0.47	R 0.87	R 4.79	R 1.08	34.17	R 11.73
1998	—	1.61	1.61	6.61	R 6.08	3.59	11.72	8.84	1.96	4.12	R 6.84	0.44	R 0.92	R 4.26	R 0.98	34.96	R 11.04
1999	—	1.52	1.52	6.29	R 6.07	4.26	11.87	9.70	2.14	5.39	R 7.40	R 0.50	R 1.00	R 4.59	R 1.05	34.00	R 11.51
2000	—	1.49	1.49	R 7.57	R 9.16	6.98	14.42	12.75	R 3.74	R 8.01	10.67	0.41	R 1.12	R 6.29	R 0.95	32.98	R 13.53
2001	—	1.67	1.67	9.63	8.75	5.61	15.33	11.82	3.51	7.01	10.03	0.44	0.92	6.05	0.90	32.08	13.29
	Expenditures in Million Nominal Dollars																
1970	—	10.1	10.1	11.2	61.9	4.2	6.5	124.4	14.7	13.4	225.2	—	3.2	249.7	-15.6	83.5	317.6
1975	—	31.9	31.9	17.2	116.9	10.3	18.7	223.4	53.2	19.4	441.9	—	4.1	495.1	-58.2	207.7	644.6
1980	—	46.8	46.8	41.0	236.1	27.3	31.3	498.1	135.5	42.9	971.1	—	10.6	1,069.7	-150.9	394.5	1,313.2
1985	—	80.3	80.3	69.7	R 250.4	18.4	R 65.4	502.9	82.4	90.2	R 1,009.7	—	R 11.3	R 1,190.4	R -150.9	588.4	R 1,627.8
1986	—	50.2	50.2	68.8	R 200.0	16.5	R 66.6	427.7	90.1	46.5	R 847.4	—	12.5	R 996.9	R -122.2	594.8	R 1,469.5
1987	—	60.8	60.8	70.7	R 271.6	14.6	R 80.4	472.6	92.4	48.1	R 979.8	—	11.2	R 1,145.7	R -141.3	664.3	R 1,668.7
1988	—	58.5	58.5	73.2	R 249.4	16.6	R 80.4	506.1	77.6	39.1	R 969.2	—	11.7	R 1,127.4	R -130.3	731.9	R 1,729.1
1989	—	55.1	55.1	86.0	R 300.5	20.0	R 93.9	555.2	R 90.3	48.7	R 1,108.5	—	R e 17.0	R e 1,270.5	R -140.2	759.1	R e 1,889.3
1990	—	R 57.1	R 57.1	92.2	R 307.4	22.7	88.9	597.6	R 80.0	52.8	R 1,149.6	44.6	R 18.1	R 1,362.3	R -164.5	816.3	R 2,014.1
1991	—	R 62.5	R 62.5	86.9	R 277.1	13.9	R 76.6	609.0	R 47.9	35.8	R 1,060.2	60.0	R 16.9	R 1,294.9	R -164.2	800.1	R 1,930.8
1992	—	59.9	59.9	R 106.7	R 271.1	10.2	73.7	604.3	R 45.5	35.7	R 1,040.5	78.4	R 19.4	R 1,318.4	R -184.3	892.9	R 2,026.9
1993	—	61.9	61.9	109.8	R 250.4	9.9	R 88.8	601.5	R 48.9	31.7	R 1,031.2	54.6	R 20.0	R 1,292.2	R -162.0	950.7	R 2,080.9
1994	—	R 51.3	R 51.3	120.9	R 258.0	8.2	R 92.2	625.2	R 56.0	33.5	R 1,073.2	33.5	R 18.7	R 1,314.0	R -143.1	1,014.0	R 2,184.9
1995	—	R 56.7	R 56.7	R 110.3	R 260.7	7.8	R 95.2	704.0	R 50.1	33.3	R 1,151.0	47.6	R 22.2	R 1,405.5	R -162.0	1,055.9	R 2,299.4
1996	—	R 58.2	R 58.2	R 123.4	R 317.2	10.7	R 114.0	741.7	R 49.7	100.1	R 1,333.5	43.8	R 23.4	R 1,599.6	R -151.2	1,058.2	R 2,506.6
1997	—	72.8	72.8	R 146.7	R 316.4	11.2	105.1	776.9	R 53.4	98.0	R 1,361.0	R 39.7	R 18.4	R 1,660.6	R -173.2	1,058.6	R 2,546.0
1998	—	R 62.4	R 62.4	127.6	R 295.3	12.4	103.7	695.1	R 41.1	75.1	R 1,222.6	R 39.1	R 19.1	R 1,490.0	R -157.6	1,103.8	R 2,436.1
1999	—	R 53.7	R 53.7	128.9	R 312.5	19.8	103.3	791.8	R 45.0	87.0	R 1,359.5	R 45.6	R 20.8	R 1,634.1	R -171.8	1,147.0	R 2,609.2
2000	—	R 65.4	R 65.4	R 199.6	R 501.5	38.7	144.2	1,059.9	R 33.5	R 134.3	R 1,912.1	R 34.3	R 22.8	R 2,250.3	R -144.8	1,143.1	R 3,248.6
2001	—	67.2	67.2	238.9	476.2	28.0	135.7	991.4	33.0	103.3	1,767.6	39.8	17.9	2,136.1	-137.3	1,129.2	3,127.9

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, New Hampshire

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.29	1.97	1.51	1.58	2.58	1.56	0.56	1.57	8.29	2.23
1975	2.62	2.62	2.87	3.16	4.70	3.01	1.11	2.92	14.25	4.57
1980	3.90	4.57	7.24	8.15	9.22	7.48	2.85	6.74	20.93	9.77
1985	4.39	6.96	7.38	8.48	11.14	R 7.97	3.22	R 7.57	26.15	R 11.54
1986	4.93	6.88	5.47	6.07	10.35	R 6.20	2.58	R 6.11	25.02	R 10.57
1987	4.04	6.32	5.52	5.58	10.37	R 6.18	2.46	R 6.06	26.68	R 10.52
1988	4.08	6.13	5.64	5.27	10.37	R 6.34	R 2.49	R 6.16	27.75	R 11.11
1989	4.09	6.72	6.44	4.93	10.37	R 6.97	2.75	R 6.78	27.97	R 11.30
1990	4.23	7.31	7.41	6.25	11.90	R 8.15	2.83	R 7.70	30.30	R 13.00
1991	4.15	7.09	6.60	5.56	13.12	R 7.51	R 2.71	R 7.15	30.42	R 12.52
1992	3.96	R 7.49	6.17	4.68	12.13	R 7.00	R 2.48	R 6.79	33.29	R 12.78
1993	3.94	7.58	5.97	4.69	12.00	R 6.92	2.42	R 6.74	36.07	R 13.34
1994	3.81	7.86	5.71	5.10	12.62	R 6.89	2.35	R 6.76	37.82	R 13.65
1995	3.94	7.09	5.62	4.44	12.58	R 6.79	2.30	R 6.54	39.57	R 13.48
1996	3.96	7.26	6.78	6.81	13.86	R 8.09	2.64	7.62	39.40	R 14.08
1997	3.93	8.39	6.79	5.43	14.03	R 7.87	2.62	R 7.74	40.07	R 14.38
1998	3.70	8.03	5.68	4.46	12.63	R 6.85	R 2.27	R 6.84	40.81	R 14.01
1999	3.56	7.60	5.55	6.66	12.57	R 6.97	2.34	R 6.88	39.97	R 14.19
2000	3.53	9.52	9.24	11.10	15.18	R 10.44	3.51	R 10.00	38.54	R 16.20
2001	4.05	12.01	9.06	9.17	16.40	10.41	3.35	10.42	36.61	16.41
	Expenditures in Million Nominal Dollars									
1970	0.1	7.3	53.0	6.3	4.6	63.9	0.6	71.9	41.8	113.7
1975	0.1	9.9	95.5	7.3	12.1	114.8	1.4	126.2	104.5	230.7
1980	0.1	20.2	148.4	14.9	19.9	183.2	6.3	209.7	177.0	386.7
1985	0.2	33.6	R 155.6	41.1	34.3	R 231.1	6.2	R 271.0	254.4	R 525.4
1986	0.3	36.1	R 115.1	12.2	38.9	R 166.2	4.8	R 207.4	262.5	R 469.9
1987	0.2	36.4	R 144.7	12.7	46.5	R 204.0	3.6	R 244.2	296.9	R 541.2
1988	R 0.3	37.2	R 138.8	13.1	51.3	R 203.2	3.8	R 244.5	328.0	R 572.4
1989	0.2	43.1	R 179.6	13.1	61.6	R 254.4	4.3	R 302.0	338.0	R 640.0
1990	R 0.3	43.7	R 174.2	8.3	62.5	R 245.0	6.3	R 295.3	356.1	R 651.4
1991	0.4	40.0	R 158.8	8.5	58.2	R 225.5	6.4	R 272.4	348.4	R 620.7
1992	0.3	R 48.7	R 153.9	6.6	56.5	R 217.1	6.1	R 272.2	389.4	R 661.6
1993	0.2	49.7	R 141.5	9.3	64.0	R 214.9	6.2	R 271.0	421.0	R 691.9
1994	0.1	52.3	R 141.1	8.2	70.3	R 219.6	5.9	R 278.0	442.7	R 720.7
1995	0.1	46.6	R 145.5	8.3	75.7	R 229.6	6.4	R 282.7	454.2	R 737.0
1996	0.1	51.9	R 183.3	15.2	91.8	R 290.3	7.4	R 349.6	460.7	R 810.4
1997	0.1	58.8	R 183.4	14.6	81.5	R 279.6	4.8	R 343.3	460.4	R 803.7
1998	(s)	50.9	R 142.9	15.7	82.3	R 240.9	3.8	R 295.7	471.2	R 766.8
1999	(s)	50.7	R 146.5	14.2	85.5	R 246.2	4.2	R 301.1	496.5	R 797.6
2000	(s)	73.2	R 246.2	R 24.7	98.5	R 369.5	6.5	R 449.3	480.8	R 930.1
2001	(s)	86.9	238.6	18.3	104.9	361.8	5.3	454.0	473.4	927.4

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, New Hampshire

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.95	1.42	1.11	0.74	1.37	2.92	0.34	1.14	0.56	1.22	8.80	3.11
1975	2.65	2.10	2.46	2.54	2.43	4.54	1.85	2.54	1.11	2.37	15.39	6.16
1980	1.69	4.05	6.44	6.27	4.78	10.11	3.76	5.95	2.85	5.34	24.30	9.43
1985	2.41	6.13	6.53	8.48	11.75	9.26	4.20	R 7.22	3.22	R 6.62	25.55	R 12.91
1986	2.59	6.36	4.17	6.07	11.70	7.32	2.23	4.29	2.58	R 4.87	24.03	R 10.13
1987	2.39	5.65	4.50	5.58	11.14	7.60	2.86	R 4.82	2.46	R 4.99	25.01	R 9.99
1988	2.55	5.52	4.47	5.27	10.88	7.82	2.22	R 4.58	2.49	R 4.82	25.78	R 10.66
1989	2.60	6.11	4.99	4.93	10.22	8.60	2.63	5.06	2.75	R 5.34	26.23	R 11.24
1990	2.62	6.64	5.83	6.25	10.80	9.66	3.06	R 5.46	2.83	R 5.72	28.33	R 11.88
1991	2.64	6.31	5.57	5.56	11.94	9.55	2.26	R 4.97	2.71	R 5.26	28.61	R 11.80
1992	2.60	R 6.68	5.13	4.68	9.96	9.50	2.11	R 5.03	2.48	R 5.53	30.89	R 13.19
1993	2.32	6.76	4.98	4.69	10.02	9.16	2.05	R 4.79	2.42	5.45	32.64	R 13.84
1994	2.23	7.08	4.90	5.10	9.83	9.33	2.35	R 4.74	2.35	R 5.48	32.24	R 15.44
1995	2.26	6.38	4.68	4.44	10.09	10.00	2.55	R 4.69	2.30	5.27	33.45	R 16.36
1996	2.30	6.61	5.55	6.81	11.17	10.20	2.99	R 5.55	2.64	R 5.88	33.40	R 16.05
1997	2.53	7.55	5.57	5.43	11.00	10.16	2.89	R 5.39	2.62	R 6.16	33.56	R 16.17
1998	2.29	7.10	4.32	4.46	9.82	8.84	2.18	R 4.60	2.27	R 5.53	34.36	R 17.08
1999	R 2.31	6.80	4.44	6.66	9.85	9.70	2.20	R 4.96	2.34	R 5.65	32.92	R 16.87
2000	R 2.00	8.06	7.10	11.10	12.61	12.75	4.31	R 7.52	3.51	R 7.67	31.83	R 16.66
2001	2.06	10.50	6.55	9.17	13.04	11.82	3.76	7.15	3.35	8.38	31.13	17.59
	Expenditures in Million Nominal Dollars											
1970	0.1	3.2	4.1	0.1	0.4	0.7	0.2	5.5	(s)	8.8	21.0	29.8
1975	0.2	5.5	8.5	0.2	1.1	1.2	0.7	11.7	(s)	17.5	46.4	63.9
1980	0.1	17.0	39.2	0.3	1.8	6.2	8.8	56.3	0.2	73.5	92.0	165.6
1985	R 0.3	31.2	R 23.4	2.0	6.4	6.1	2.3	R 40.2	0.2	R 71.9	137.9	R 209.8
1986	0.6	29.0	R 24.3	0.7	7.8	5.6	7.3	R 45.7	0.1	R 75.4	140.9	R 216.3
1987	0.5	26.7	R 50.1	1.2	8.8	5.2	5.1	R 70.3	0.1	R 97.7	163.0	R 260.7
1988	0.6	28.5	R 34.4	1.3	9.5	5.8	6.8	R 57.8	0.1	R 87.0	180.0	R 267.0
1989	R 0.4	33.5	R 38.3	1.5	10.7	5.8	R 7.8	R 64.2	0.2	R 98.2	190.0	R 288.3
1990	0.6	34.1	R 48.1	0.9	10.0	3.7	R 12.5	R 75.2	0.4	R 110.3	204.7	R 315.0
1991	1.2	31.9	R 42.8	0.7	9.4	2.8	R 9.5	R 65.1	0.4	R 98.7	208.9	R 307.6
1992	R 0.8	R 39.5	R 39.3	0.6	8.2	2.4	4.3	R 54.7	0.4	R 95.5	231.2	R 326.6
1993	0.5	41.9	R 34.8	0.9	9.4	0.5	R 4.8	R 50.5	0.5	R 93.4	249.6	R 342.9
1994	0.4	46.0	R 40.6	1.2	9.7	0.5	R 6.6	R 58.6	0.5	R 105.4	367.8	R 473.2
1995	0.4	42.0	R 30.8	1.1	10.7	0.6	R 7.0	R 50.1	0.5	R 93.0	383.1	R 476.1
1996	0.4	47.8	R 42.7	1.6	13.1	0.6	R 8.4	R 66.3	0.6	R 115.2	383.6	R 498.8
1997	0.3	57.1	R 43.0	1.8	11.3	0.6	R 8.6	R 65.3	0.5	R 123.3	386.5	R 509.7
1998	0.2	48.9	R 31.1	1.4	11.3	0.5	R 3.8	R 48.1	0.5	R 97.7	405.0	R 502.7
1999	R 0.2	49.5	R 37.1	1.6	11.8	0.6	R 1.7	R 52.8	0.5	R 103.0	419.1	R 522.1
2000	0.2	70.9	R 78.7	R 3.0	14.4	0.9	R 3.4	R 100.5	0.8	R 172.3	424.1	R 596.4
2001	0.2	81.9	66.6	2.8	14.7	1.3	1.9	87.3	0.6	170.0	429.6	599.6

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, New Hampshire

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.95	0.95	0.84	0.70	0.69	0.74	1.37	5.08	2.92	0.51	1.76	0.67	1.45	0.72	4.18	1.21
1975	—	2.65	2.65	1.44	2.05	2.29	2.54	2.43	7.48	4.54	1.85	4.01	2.08	1.45	2.01	9.42	3.43
1980	—	1.69	1.69	3.85	4.00	5.73	6.27	4.78	14.36	10.11	3.95	8.04	5.07	1.46	4.39	15.82	7.88
1985	—	2.41	2.41	5.41	5.20	6.04	6.87	11.75	17.61	9.26	4.20	10.67	6.09	1.46	R 5.23	19.32	R 9.53
1986	—	2.59	2.59	5.04	4.86	3.57	5.28	11.70	15.59	7.32	2.23	10.51	R 3.99	1.49	3.55	18.22	R 7.65
1987	—	2.39	2.39	4.22	3.54	4.37	4.52	11.14	13.58	7.60	2.86	10.58	4.53	1.49	3.96	18.71	R 8.08
1988	—	2.55	2.55	3.63	3.34	4.25	4.19	10.88	14.62	7.82	2.22	8.98	4.48	1.49	R 3.69	19.66	R 9.11
1989	—	2.60	2.60	4.12	3.17	4.79	5.11	10.22	14.48	8.60	2.63	13.28	5.05	R d 1.49	R d 4.52	19.80	R d 10.04
1990	—	2.62	2.62	4.30	3.34	6.02	6.26	10.80	14.60	9.66	3.06	11.23	R 4.96	R 1.02	R 4.15	21.91	R 9.79
1991	—	2.64	2.64	4.28	3.05	5.12	5.53	11.94	16.80	9.55	2.26	6.19	R 4.37	R 1.28	R 3.92	21.79	R 10.59
1992	—	2.60	2.60	4.45	2.78	4.77	4.69	9.96	18.32	9.50	2.11	6.82	R 3.66	R 1.16	R 3.33	23.95	R 9.58
1993	—	2.32	2.32	4.63	3.30	4.39	4.49	10.02	18.96	9.16	2.05	5.89	R 3.79	R 1.16	R 3.40	26.49	R 10.06
1994	—	—	—	4.38	3.64	4.64	4.64	8.01	19.11	9.33	2.35	6.21	R 3.94	R 1.31	R 3.69	27.32	R 9.42
1995	—	2.26	2.26	3.76	3.79	4.69	4.30	7.15	19.41	10.00	2.55	6.62	R 4.13	R 1.32	R 3.53	28.01	R 9.68
1996	—	—	—	4.70	3.80	5.42	5.28	8.10	20.08	10.20	2.99	5.58	R 4.92	R 1.13	R 4.22	26.85	R 8.35
1997	—	R 2.59	—	4.85	4.02	5.46	4.57	11.76	17.98	10.16	2.89	5.13	R 5.02	R 1.19	R 4.43	26.55	R 8.61
1998	—	—	—	4.61	3.69	4.28	3.66	8.54	19.07	8.84	2.18	3.38	R 3.73	R 1.43	R 3.59	27.62	R 8.48
1999	—	—	—	4.56	4.31	4.21	5.17	8.61	16.75	9.70	2.20	4.71	R 4.57	R 1.54	R 4.17	26.95	R 9.08
2000	—	—	—	5.84	4.82	6.33	7.85	13.20	17.99	12.75	4.31	7.46	R 7.43	R 1.59	R 6.46	26.87	R 10.46
2001	—	—	—	7.46	4.87	6.60	6.74	12.17	19.00	11.82	3.76	6.13	6.55	1.69	6.36	26.71	10.37
	Expenditures in Million Nominal Dollars																
1970	—	0.2	0.2	0.7	2.5	2.0	0.2	1.4	0.5	0.6	9.1	1.6	18.0	2.6	21.5	20.7	42.2
1975	—	0.4	0.4	1.6	5.9	5.7	0.6	5.5	1.0	0.7	26.1	1.7	47.0	2.6	51.6	56.9	108.5
1980	—	0.4	0.4	3.9	6.7	18.6	0.3	8.3	2.0	1.4	21.7	11.6	70.7	4.2	79.1	125.5	204.6
1985	—	2.4	2.4	5.0	29.5	R 15.1	0.2	23.5	2.3	3.0	27.0	8.1	R 108.7	4.9	R 120.9	196.1	R 317.0
1986	—	0.3	0.3	3.8	17.8	R 7.9	0.2	19.1	2.0	2.6	27.7	7.0	R 84.3	7.5	R 95.8	191.4	R 287.2
1987	—	0.2	0.2	7.5	18.3	R 15.5	0.7	24.2	1.9	2.6	25.9	7.2	R 96.4	7.5	R 111.6	204.4	R 316.0
1988	—	0.1	0.1	7.3	9.5	R 14.1	0.3	18.9	2.0	2.8	12.7	6.4	R 66.6	7.8	R 81.8	224.0	R 305.8
1989	—	1.0	1.0	9.4	15.6	R 16.7	0.4	21.0	2.0	4.1	10.1	9.3	R 79.3	R d 3.3	R d 93.0	231.0	R d 324.0
1990	—	1.8	1.8	14.3	26.6	R 18.1	0.3	15.7	2.1	2.8	R 10.0	8.3	R 84.0	R 4.2	R 104.3	255.5	R 359.8
1991	—	3.4	3.4	14.9	13.3	R 15.4	1.0	8.5	2.2	2.5	6.5	3.4	R 52.8	R 2.4	R 73.5	242.8	R 316.3
1992	—	2.9	2.9	17.2	14.6	R 16.2	0.5	8.6	2.4	2.5	R 13.5	3.8	R 62.2	R 4.9	R 87.2	272.3	R 359.5
1993	—	4.6	4.6	17.8	7.0	R 11.5	0.2	14.6	2.5	4.4	R 18.2	3.3	R 61.9	R 4.6	R 88.8	280.2	R 369.0
1994	—	—	—	19.9	9.2	R 11.0	0.4	11.4	2.7	4.8	R 19.3	3.6	R 62.4	R 3.8	R 86.1	203.4	R 289.5
1995	—	(s)	(s)	17.5	9.2	R 11.8	0.5	8.1	2.7	5.7	R 17.5	3.7	R 59.0	R 5.7	R 82.2	218.5	R 300.8
1996	—	—	—	23.5	15.8	R 12.4	0.5	8.6	2.7	5.7	R 18.0	56.5	R 120.2	R 7.1	R 150.8	213.8	R 364.7
1997	—	—	—	28.6	11.0	R 9.9	0.7	12.0	2.5	6.1	R 15.1	59.7	R 117.0	R 6.0	R 151.6	211.8	R 363.4
1998	—	—	—	27.4	6.6	R 9.3	0.4	10.0	2.8	3.4	R 9.8	40.1	R 82.4	R 6.0	R 115.8	227.6	R 343.4
1999	—	—	—	27.2	8.2	R 11.5	0.5	6.0	2.5	7.7	R 8.2	52.3	R 96.9	R 6.3	R 130.4	231.4	R 361.8
2000	—	—	—	R 52.8	10.7	R 21.4	R 0.6	31.2	2.7	10.7	R 14.8	R 84.5	R 176.5	R 5.6	R 234.9	238.1	R 473.0
2001	—	—	—	68.8	7.5	24.4	0.7	16.2	2.6	18.4	14.6	61.2	145.6	5.1	219.5	226.2	445.7

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, New Hampshire

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.95	—	2.17	1.32	0.75	1.37	5.08	2.92	(s)	2.60	2.60	—	2.60
1975	2.65	—	3.45	2.90	2.09	2.43	7.48	4.54	1.90	4.27	4.27	—	4.27
1980	—	—	9.02	7.38	6.51	4.78	14.36	10.11	3.18	9.62	9.62	—	9.62
1985	—	—	9.99	8.95	6.53	R 13.40	17.61	9.26	—	9.16	9.16	—	9.16
1986	—	—	8.41	7.11	4.93	R 13.34	15.59	7.32	1.97	7.20	7.20	—	7.20
1987	—	—	7.55	7.48	4.18	R 12.69	13.58	7.60	2.69	7.36	7.36	—	7.36
1988	—	—	7.41	7.39	4.22	R 12.41	14.62	7.82	1.90	7.55	7.55	—	7.55
1989	—	—	8.28	7.76	4.83	R 11.65	14.48	8.60	2.36	R 8.33	R 8.33	—	R 8.33
1990	—	—	9.32	9.17	6.40	R 12.48	14.60	9.66	2.32	R 9.43	R 9.43	—	R 9.43
1991	—	—	8.71	8.77	5.36	R 13.98	16.80	9.55	1.84	9.24	9.24	—	9.24
1992	—	—	8.54	8.41	4.86	R 11.75	18.32	9.50	1.91	9.22	9.22	—	9.22
1993	—	—	8.24	8.31	4.58	R 11.82	18.96	9.16	1.64	8.99	8.99	—	8.99
1994	—	6.13	7.96	8.42	4.29	R 9.33	19.11	9.33	1.94	9.15	9.15	—	9.15
1995	—	6.10	8.36	8.34	4.12	R 9.64	19.41	10.00	—	R 9.73	R 9.73	—	R 9.73
1996	—	R 4.43	9.29	9.41	5.25	R 10.08	20.08	10.20	2.57	R 10.04	R 10.04	—	R 10.04
1997	—	R 3.66	9.39	9.10	4.84	R 8.92	17.98	10.16	R 2.62	9.94	R 9.93	—	R 9.93
1998	—	R 2.38	8.11	8.05	3.59	R 7.86	19.07	8.84	1.79	8.57	8.57	—	8.57
1999	—	R 4.61	8.81	8.46	4.26	R 10.06	16.75	9.70	2.19	9.30	9.30	—	9.30
2000	—	R 2.57	R 10.87	11.42	6.98	—	17.99	12.75	—	R 12.28	R 12.28	—	R 12.28
2001	—	6.48	11.01	10.40	5.61	—	19.00	11.82	—	11.34	11.34	—	11.34
	Expenditures in Million Nominal Dollars												
1970	(s)	—	0.4	2.4	4.2	(s)	1.7	123.1	(s)	131.9	131.9	—	131.9
1975	(s)	—	0.6	7.1	10.2	(s)	2.2	221.4	0.1	241.5	241.5	—	241.5
1980	—	—	1.8	29.5	27.0	1.3	5.2	490.5	1.0	556.4	556.4	—	556.4
1985	—	—	1.2	R 55.3	18.4	R 1.2	5.8	493.7	—	R 575.7	R 575.7	—	R 575.7
1986	—	—	1.6	R 51.9	16.5	R 0.8	5.1	419.5	0.6	R 496.0	R 496.0	—	R 496.0
1987	—	—	1.1	R 60.6	14.6	R 0.9	5.0	464.9	3.8	R 550.8	R 550.8	—	R 550.8
1988	—	—	1.4	R 60.8	16.6	R 0.7	5.2	497.5	1.7	R 583.8	R 583.8	—	R 583.8
1989	—	—	1.4	R 64.3	20.0	R 0.6	5.2	545.3	0.3	R 637.0	R 637.0	—	R 637.0
1990	—	—	1.0	R 65.8	22.7	R 0.7	5.4	591.1	1.2	R 687.9	R 687.9	—	R 687.9
1991	—	—	1.1	R 59.1	13.9	R 0.5	5.6	603.7	2.3	R 686.2	R 686.2	—	R 686.2
1992	—	—	0.8	R 60.7	10.2	R 0.4	6.2	599.4	1.5	R 679.3	R 679.3	—	R 679.3
1993	—	—	1.8	R 61.4	9.9	R 0.7	6.6	596.6	(s)	R 677.1	R 677.1	—	R 677.1
1994	—	R 0.1	1.3	R 64.1	8.2	R 0.8	6.9	619.9	0.1	R 701.4	R 701.4	—	R 701.4
1995	—	R 0.1	0.9	R 71.5	7.8	R 0.6	6.9	697.7	—	R 785.5	R 785.6	—	R 785.6
1996	—	R 0.1	0.9	R 78.1	10.7	0.5	6.9	735.4	0.1	R 832.7	R 832.8	—	R 832.8
1997	—	R 0.6	1.1	R 79.2	11.2	0.3	6.6	770.2	(s)	R 868.6	R 869.2	—	R 869.2
1998	—	R (s)	0.8	R 111.3	12.4	0.1	7.3	691.2	0.1	R 823.1	R 823.1	—	R 823.1
1999	—	R (s)	1.2	R 116.6	19.8	(s)	6.5	783.6	(s)	R 927.7	R 927.7	—	R 927.7
2000	—	R (s)	1.3	R 153.9	38.7	—	6.8	1,048.3	—	R 1,249.0	R 1,249.0	—	R 1,249.0
2001	—	(s)	3.5	145.3	28.0	—	6.6	971.8	—	1,155.2	1,155.3	—	1,155.3

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, New Hampshire (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.36	—	0.34	0.40	—	0.35	—	—	—	—	0.36
1975	1.21	1.01	1.84	2.26	—	1.84	—	—	—	—	1.43
1980	1.60	—	3.80	6.17	—	3.81	—	—	—	—	2.68
1985	2.01	—	3.62	5.79	—	3.64	—	—	6.36	—	2.67
1986	1.99	—	1.91	3.61	—	1.92	—	—	6.31	—	2.17
1987	1.92	2.93	2.58	4.04	—	2.59	—	—	6.11	—	2.46
1988	1.78	2.41	1.86	3.67	—	1.89	—	—	6.02	—	1.99
1989	1.73	3.01	2.26	4.26	—	2.28	—	0.67	6.05	—	1.81
1990	1.78	—	2.25	5.69	—	2.28	1.03	0.46	5.84	—	1.44
1991	1.74	—	1.76	4.83	—	1.80	0.84	0.50	4.60	—	1.19
1992	1.69	2.06	1.83	4.44	—	1.87	0.95	0.51	4.37	—	1.23
1993	1.61	2.17	1.79	4.05	—	1.84	0.57	0.55	4.01	—	0.98
1994	1.52	2.10	1.98	3.72	—	2.01	0.52	0.56	4.09	—	1.07
1995	1.59	1.83	2.31	3.73	—	2.35	0.54	0.70	4.04	—	1.04
1996	1.61	2.66	2.49	4.75	—	2.53	0.42	0.59	3.82	—	0.90
1997	1.63	2.67	2.61	4.27	—	2.64	0.47	0.50	3.77	—	1.08
1998	1.61	2.84	1.86	3.23	—	1.88	0.44	0.61	4.01	—	0.98
1999	1.52	2.61	2.12	3.83	—	2.14	0.50	0.67	4.92	—	1.05
2000	1.48	3.15	3.24	7.42	—	3.38	0.41	0.67	3.04	—	0.95
2001	1.67	2.39	3.29	5.74	—	3.39	0.44	0.47	3.29	—	0.90
	Expenditures in Million Nominal Dollars										
1970	9.7	—	5.5	0.4	—	5.9	—	—	—	—	15.6
1975	31.3	0.2	26.4	0.3	—	26.7	—	—	—	—	58.2
1980	46.3	—	104.0	0.7	—	104.6	—	—	—	—	150.9
1985	77.4	—	53.0	1.1	—	54.1	—	—	19.4	—	150.9
1986	49.1	—	54.5	0.7	—	55.2	—	—	17.9	—	122.2
1987	59.9	(s)	57.6	0.7	—	58.3	—	—	23.1	—	141.3
1988	57.7	0.1	56.3	1.3	—	57.7	—	—	14.8	—	130.3
1989	53.5	0.1	72.2	1.5	—	73.7	—	9.2	3.8	—	140.2
1990	54.4	—	56.3	1.3	—	57.6	44.6	7.1	0.7	—	164.5
1991	57.4	—	29.5	1.1	—	30.6	60.0	7.8	8.4	—	164.2
1992	55.9	1.3	26.3	1.0	—	27.3	78.4	8.0	13.5	—	184.3
1993	56.7	0.3	25.8	1.1	—	27.0	54.6	8.7	14.7	—	162.0
1994	50.8	2.7	30.0	1.2	—	31.2	33.5	8.4	16.5	—	143.1
1995	56.2	4.2	25.7	1.1	—	26.8	47.6	9.6	17.6	—	162.0
1996	57.7	(s)	23.2	0.8	—	24.0	43.8	8.3	17.3	—	151.2
1997	72.5	1.5	29.7	0.9	—	30.6	39.7	7.1	21.9	—	173.2
1998	62.1	0.4	27.4	0.6	—	28.0	39.1	8.9	19.2	—	157.6
1999	53.5	1.5	35.1	0.8	—	35.9	45.6	9.8	25.5	—	171.8
2000	65.2	2.6	15.3	1.3	—	16.6	34.3	9.8	16.2	—	144.8
2001	66.9	1.4	16.4	1.3	—	17.7	39.8	6.9	4.6	—	137.3

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, New Jersey

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	0.58	0.44	0.45	1.28	1.29	0.72	1.63	2.99	0.45	1.38	1.43	0.20	0.95	1.31	0.42	6.24	1.95
1975	—	1.58	1.58	2.29	2.73	2.03	3.59	4.79	2.08	3.04	3.30	0.18	1.14	3.00	1.71	13.61	4.28
1980	—	1.80	1.80	4.15	6.75	6.26	5.72	9.94	4.53	7.61	7.24	0.34	1.90	6.04	2.67	21.26	8.35
1985	—	1.91	1.91	6.18	R 7.85	5.76	12.48	8.95	4.35	8.09	7.47	0.71	R 2.03	R 6.20	1.91	28.18	R 9.53
1986	—	1.79	1.79	5.86	R 6.18	3.84	R 12.06	6.89	2.34	5.39	5.46	0.73	R 1.76	R 4.98	1.48	27.56	R 8.05
1987	—	1.75	1.75	5.04	R 6.04	4.01	11.58	7.25	2.99	5.74	5.78	0.81	1.69	R 4.85	1.50	25.17	R 7.88
1988	—	1.71	1.71	4.97	R 5.92	3.79	R 11.16	7.58	2.40	5.20	5.72	0.68	1.70	R 4.76	1.31	24.97	R 7.96
1989	—	1.75	1.75	R 5.03	R 6.36	4.34	9.86	8.48	2.83	5.72	6.28	0.66	R e 1.77	R e 5.11	R 1.49	25.96	R e 8.48
1990	—	1.78	1.78	R 4.93	R 7.72	5.60	R 11.52	9.03	3.25	6.52	7.24	0.61	R 2.01	R 5.59	R 1.25	26.64	R 9.21
1991	—	1.76	1.76	R 4.71	R 7.26	4.79	10.78	8.91	2.63	6.31	6.86	0.61	R 1.39	R 5.27	R 1.17	27.77	R 9.14
1992	—	1.72	1.72	R 4.65	R 6.76	4.44	11.42	9.04	2.66	6.30	6.74	0.56	R 1.26	R 5.21	R 1.23	27.91	8.76
1993	—	1.75	1.75	R 4.66	R 6.75	4.15	11.67	8.83	2.51	5.48	R 6.38	0.58	R 1.28	R 4.93	R 1.26	29.31	8.81
1994	—	R 1.81	R 1.81	R 4.72	R 6.77	3.87	11.00	8.86	2.78	5.77	6.50	0.62	R 1.16	R 5.10	R 1.33	29.52	R 8.86
1995	—	R 1.78	R 1.78	R 4.47	R 6.71	3.85	R 11.21	9.25	2.87	5.99	R 6.66	0.63	R 1.26	R 5.18	R 1.45	30.65	R 9.04
1996	—	R 1.75	R 1.75	R 5.07	R 7.68	4.75	12.49	9.61	3.40	7.14	7.60	0.36	R 1.42	R 5.95	R 1.73	30.83	R 9.75
1997	—	R 1.76	R 1.76	R 5.24	R 7.60	4.41	12.21	9.51	R 2.86	6.37	7.44	R 0.59	R 0.99	R 5.84	R 1.71	30.93	R 9.67
1998	—	R 1.59	R 1.59	R 4.21	R 6.57	3.30	R 12.12	8.09	2.16	5.62	R 6.34	R 0.55	R 0.95	R 4.65	R 1.28	29.84	R 8.73
1999	—	R 1.45	R 1.45	R 4.45	R 6.80	3.70	11.18	8.93	R 2.86	5.51	R 6.88	R 0.45	R 1.02	R 4.96	R 1.31	29.29	R 9.02
2000	—	R 1.39	R 1.39	R 5.77	R 9.97	6.58	14.63	11.95	R 4.54	7.54	R 9.60	R 0.57	R 1.25	R 6.80	R 1.72	27.75	R 11.03
2001	—	2.27	2.27	6.35	8.95	5.70	15.07	11.18	3.71	6.66	8.86	0.45	1.00	6.54	1.54	27.62	11.00
	Expenditures in Million Nominal Dollars																
1970	5.3	50.2	55.5	413.8	468.7	26.9	40.9	1,040.8	215.4	201.1	1,993.8	7.6	5.8	2,476.6	-182.1	799.5	3,094.0
1975	—	95.5	95.5	556.5	947.8	71.4	95.0	1,951.3	575.0	422.7	4,063.2	6.1	7.9	4,729.1	-451.6	1,966.1	6,243.7
1980	—	123.7	123.7	1,434.3	2,072.7	308.7	134.3	3,797.7	1,419.1	1,174.7	8,907.3	27.9	27.7	10,520.9	-881.5	3,538.5	13,177.9
1985	—	196.9	196.9	2,371.8	R 1,997.7	1,430.6	316.6	3,547.0	644.1	1,036.9	R 8,972.9	133.4	23.1	R 11,698.2	-727.8	5,148.1	R 16,118.5
1986	—	139.5	139.5	2,097.3	R 1,745.7	852.8	R 278.5	2,921.4	441.1	813.6	R 7,053.2	114.8	18.2	R 9,423.1	-476.7	5,228.4	R 14,174.7
1987	—	158.6	158.6	2,150.0	R 1,701.7	984.5	324.0	3,097.9	457.5	855.2	R 7,420.8	190.9	17.0	R 9,937.3	-649.1	5,019.1	R 14,307.3
1988	—	138.2	138.2	2,087.1	R 1,749.1	876.3	293.2	3,226.6	339.0	755.9	R 7,240.1	173.4	17.8	R 9,656.6	-571.9	5,266.6	R 14,351.4
1989	—	R 165.4	R 165.4	R 2,394.8	R 1,783.2	1,084.9	218.7	3,627.6	R 390.3	815.5	R 7,920.1	160.1	R e 18.2	R e 10,658.7	R -692.0	5,584.6	R e 15,551.3
1990	—	R 144.1	R 144.1	R 2,226.6	R 1,752.9	1,470.6	169.4	3,715.4	R 299.7	961.3	R 8,369.3	154.3	R 26.4	R 10,920.8	R -523.0	5,690.2	R 16,088.0
1991	—	R 109.0	R 109.0	R 2,363.9	R 1,559.1	1,183.7	R 229.9	3,729.2	R 277.1	808.2	R 7,787.3	159.1	R 31.3	R 10,450.5	R -525.8	6,090.2	R 16,014.9
1992	—	R 107.7	R 107.7	R 2,926.5	R 1,468.8	1,160.8	R 268.4	3,640.2	R 252.7	839.0	R 7,630.0	127.1	R 31.5	R 10,822.7	R -529.5	5,975.9	R 16,269.1
1993	—	R 110.3	R 110.3	R 3,057.7	R 1,391.5	1,131.5	153.8	3,269.5	R 190.4	900.8	R 7,037.3	150.8	R 33.7	R 10,389.9	R -603.8	6,526.0	R 16,312.1
1994	—	R 117.6	R 117.6	R 3,314.5	R 1,557.7	1,060.2	148.4	3,778.1	R 225.7	880.3	R 7,650.5	142.5	R 36.3	R 11,261.3	R -646.2	6,637.9	R 17,253.1
1995	—	R 141.9	R 141.9	R 3,170.4	R 1,330.8	1,093.3	160.6	3,969.4	R 216.2	907.3	R 7,677.6	111.3	R 41.9	R 11,143.0	R -652.4	6,946.1	R 17,436.8
1996	—	R 151.7	R 151.7	R 3,614.6	R 1,581.0	1,157.7	169.8	4,314.9	R 198.4	755.5	R 8,177.3	42.0	R 41.0	R 12,026.6	R -623.4	7,003.3	R 18,406.5
1997	—	R 175.3	R 175.3	R 3,819.5	R 1,559.7	969.7	186.6	4,404.4	R 159.6	872.4	R 8,152.3	R 86.3	R 28.4	R 12,261.8	R -702.5	6,925.4	R 18,484.7
1998	—	R 137.1	R 137.1	R 2,914.0	R 1,306.7	692.8	160.4	3,868.2	R 113.5	770.7	R 6,912.3	R 155.8	R 28.3	R 10,147.5	R -693.0	6,906.2	R 16,360.8
1999	—	R 129.4	R 129.4	R 3,239.2	R 1,442.2	763.2	302.0	4,271.2	R 146.6	857.4	R 7,782.7	R 136.3	R 31.4	R 11,319.0	R -745.2	7,034.1	R 17,607.8
2000	—	R 159.9	R 159.9	R 3,563.9	R 2,150.2	1,371.8	352.8	5,896.3	R 395.1	R 1,070.9	R 11,237.1	R 169.1	R 38.7	R 15,168.7	R -1,010.0	6,599.3	R 20,758.0
2001	—	255.0	255.0	3,658.8	2,010.0	1,098.0	406.8	5,484.3	287.3	949.6	10,236.0	143.3	29.8	14,323.0	-929.7	6,785.2	20,178.4

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, New Jersey

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.13	1.84	1.43	1.72	3.00	1.46	0.40	1.61	7.83	2.27
1975	2.09	2.61	2.81	3.51	4.94	2.86	0.79	2.73	15.77	4.47
1980	3.17	4.90	7.06	9.27	9.83	7.14	2.02	5.88	24.08	8.75
1985	3.07	7.33	8.09	7.13	10.95	8.13	R 2.29	R 7.54	32.24	R 11.71
1986	2.82	7.17	6.89	3.91	12.42	6.98	1.83	R 6.94	31.19	R 11.20
1987	2.80	6.44	6.44	5.93	11.74	R 6.61	R 1.75	6.39	29.01	R 10.43
1988	2.82	6.17	6.48	4.25	10.21	R 6.58	1.76	R 6.22	28.70	R 10.30
1989	2.93	6.35	7.02	5.16	8.96	7.05	1.95	R 6.48	29.53	R 10.66
1990	3.14	6.44	8.39	5.11	14.08	R 8.54	2.83	R 7.00	30.36	R 11.83
1991	2.90	6.57	8.02	5.83	15.07	R 8.32	R 2.71	R 6.97	31.69	R 12.26
1992	2.68	6.77	7.21	5.07	13.82	R 7.55	R 2.48	R 6.86	31.85	R 11.66
1993	2.89	R 6.73	7.06	4.91	11.77	R 7.33	2.42	R 6.75	33.43	R 12.24
1994	3.19	R 6.82	6.84	5.29	14.64	R 7.24	2.35	R 6.81	33.81	R 11.95
1995	2.88	7.03	6.79	4.42	14.70	R 7.32	2.30	6.94	35.11	R 12.86
1996	2.68	R 6.90	7.83	5.91	15.98	R 8.42	2.64	R 7.14	35.15	R 12.59
1997	2.72	7.66	7.90	5.90	16.08	R 8.42	2.62	7.76	35.42	R 13.31
1998	2.42	R 7.07	6.82	4.30	14.84	R 7.58	R 2.27	7.10	33.39	R 13.06
1999	2.36	R 7.17	6.98	4.76	15.40	7.80	2.34	7.23	33.40	13.13
2000	2.21	7.03	10.73	8.07	19.35	R 11.56	3.51	R 8.00	30.11	R 12.80
2001	4.24	7.41	10.04	6.97	20.50	11.10	3.35	8.18	30.00	13.24
	Expenditures in Million Nominal Dollars									
1970	2.2	264.7	274.6	7.5	9.5	291.6	1.2	559.7	324.1	883.8
1975	1.1	348.4	501.0	8.6	17.7	527.3	2.5	879.3	780.0	1,659.2
1980	0.8	691.2	985.9	13.8	28.0	1,027.7	23.0	1,742.8	1,341.5	3,084.2
1985	R 1.7	1,130.9	R 951.4	36.7	36.2	R 1,024.3	17.7	R 2,174.5	1,889.6	R 4,064.1
1986	R 1.0	1,163.4	R 773.0	14.3	46.4	R 833.7	13.8	R 2,011.9	1,925.0	R 3,936.8
1987	R 0.5	1,113.0	R 747.6	17.2	47.6	R 812.4	12.6	R 1,938.5	1,911.3	R 3,849.8
1988	0.4	1,147.1	R 755.5	11.4	50.4	R 817.3	13.2	R 1,978.0	2,023.0	R 4,001.0
1989	0.2	1,273.0	R 723.5	16.7	43.0	R 783.2	15.1	R 2,071.6	2,085.0	R 4,156.5
1990	0.2	1,133.0	R 667.3	8.6	45.9	R 721.8	22.2	R 1,877.1	2,123.4	R 4,000.6
1991	0.1	1,188.8	R 598.8	10.9	60.3	R 670.0	R 22.4	R 1,881.3	2,329.1	R 4,210.4
1992	0.2	1,377.3	R 547.0	7.8	66.0	R 620.8	21.5	R 2,019.9	2,232.8	R 4,252.7
1993	0.1	1,367.0	R 506.1	6.2	59.1	R 571.3	22.4	R 1,960.9	2,514.3	R 4,475.2
1994	0.1	1,542.0	R 547.0	8.7	69.4	R 625.1	R 21.4	R 2,188.5	2,555.9	R 4,744.5
1995	0.1	1,413.5	R 475.6	5.9	82.4	R 563.9	23.2	R 2,000.8	2,692.1	R 4,692.8
1996	0.1	1,594.0	R 554.8	9.5	97.3	R 661.6	26.6	R 2,282.1	2,714.0	R 4,996.1
1997	(s)	1,720.2	R 522.5	9.8	81.0	R 613.3	13.6	R 2,347.1	2,693.1	R 5,040.2
1998	(s)	1,441.5	R 362.5	7.5	94.2	R 464.1	10.7	R 1,916.3	2,642.0	R 4,558.4
1999	(s)	1,562.1	R 397.1	7.3	104.5	R 508.9	11.7	R 2,082.8	2,797.6	R 4,880.4
2000	(s)	1,600.7	R 639.3	R 13.7	137.7	R 790.7	18.4	R 2,409.9	2,521.9	R 4,931.9
2001	(s)	1,615.7	553.9	16.2	147.7	717.8	15.0	2,348.5	2,602.7	4,951.2

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, New Jersey

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.23	1.38	1.14	0.79	1.43	2.99	0.45	0.83	0.40	0.98	7.62	2.01
1975	1.27	2.26	2.48	2.50	3.38	4.79	2.04	2.39	0.79	2.33	14.97	5.18
1980	1.49	4.45	6.47	5.81	5.15	9.94	4.66	5.51	2.02	5.13	22.49	9.20
1985	1.74	6.49	6.50	7.13	12.71	8.95	4.56	R 6.08	2.29	R 6.25	29.02	R 13.65
1986	1.62	6.17	4.43	3.91	12.00	6.89	2.67	R 4.22	1.83	R 5.22	28.40	R 12.39
1987	1.60	5.41	4.46	5.93	11.56	7.25	3.12	4.40	1.75	R 4.96	25.49	R 11.59
1988	1.56	5.11	4.19	4.25	11.39	7.58	2.54	R 4.03	1.76	R 4.65	25.00	R 11.28
1989	1.58	5.17	4.91	5.16	10.11	8.48	2.97	R 4.85	1.93	5.04	25.96	R 11.82
1990	1.60	R 5.08	6.10	5.11	10.80	9.03	3.47	R 5.93	2.80	R 5.36	26.49	R 12.50
1991	1.58	5.08	5.66	5.83	9.79	8.91	2.64	R 5.40	2.69	R 5.17	27.43	R 12.76
1992	1.57	5.40	5.06	5.07	10.81	9.04	2.56	R 5.00	2.46	5.27	27.65	R 12.63
1993	1.50	R 5.39	4.74	4.91	11.61	8.83	2.71	R 4.39	2.40	R 5.11	28.84	R 13.37
1994	1.51	R 5.79	4.56	5.29	11.08	8.86	2.85	R 4.31	2.32	R 5.38	29.15	R 13.69
1995	1.69	5.57	4.40	4.42	10.83	9.25	2.92	R 4.31	2.27	5.32	30.30	R 14.50
1996	1.50	5.92	5.38	5.91	12.09	9.61	3.47	R 5.24	2.61	5.76	30.55	R 14.34
1997	1.55	5.68	5.12	5.90	11.61	9.51	3.00	R 5.13	2.53	5.59	30.63	R 13.93
1998	R 1.50	3.57	4.09	4.30	10.30	8.09	2.12	R 4.22	2.25	3.66	29.84	R 13.40
1999	R 1.47	3.84	4.38	4.76	10.49	8.93	2.52	R 4.51	2.29	3.95	28.78	R 12.67
2000	R 1.45	5.72	7.61	8.07	13.47	11.95	4.41	R 7.69	3.45	R 6.02	26.89	13.71
2001	1.61	7.44	6.74	6.97	14.24	11.18	3.85	6.93	3.23	7.34	27.00	15.26
	Expenditures in Million Nominal Dollars											
1970	0.4	79.3	74.0	1.3	0.8	9.6	32.5	118.2	(s)	198.0	280.7	478.7
1975	1.6	124.2	149.4	2.4	2.1	15.9	83.0	252.9	(s)	378.7	707.2	1,086.0
1980	1.5	278.0	345.2	1.3	2.6	15.5	321.1	685.8	0.6	965.8	1,295.2	2,261.0
1985	R 3.4	553.5	R 238.5	3.1	7.4	31.0	89.7	R 369.8	0.5	R 927.2	2,069.8	R 2,996.9
1986	1.9	543.1	R 255.9	2.4	7.9	23.6	45.6	R 335.4	0.4	R 880.8	2,148.0	R 3,028.8
1987	R 0.9	523.3	R 231.3	3.7	8.3	25.4	46.9	R 315.5	0.4	R 840.2	2,057.8	R 2,898.0
1988	0.8	530.9	R 220.6	2.8	9.9	25.7	45.6	R 304.7	0.5	R 836.9	2,176.2	R 3,013.1
1989	0.5	622.1	R 259.9	7.7	8.6	29.8	R 33.3	R 339.3	0.6	R 962.5	2,376.0	R 3,338.5
1990	0.4	601.1	R 292.1	5.2	6.2	35.8	R 31.9	R 371.1	1.4	R 974.0	2,458.9	R 3,432.9
1991	0.4	631.7	R 250.1	6.3	6.9	32.4	R 26.5	R 322.2	1.4	R 955.6	2,619.7	R 3,575.3
1992	0.5	725.1	R 218.1	11.2	9.1	29.1	R 21.8	R 289.4	1.4	R 1,016.4	2,619.5	R 3,635.9
1993	0.2	722.1	R 165.0	4.4	10.3	3.6	R 33.6	R 216.9	1.8	R 941.0	2,840.2	R 3,781.2
1994	0.3	796.0	R 147.3	18.5	9.3	3.9	R 37.3	R 216.2	1.8	R 1,014.4	2,956.3	R 3,970.7
1995	0.3	800.4	R 88.9	14.2	10.7	3.8	R 22.7	R 140.3	1.8	R 942.7	3,119.1	R 4,061.8
1996	0.3	923.7	R 155.0	8.2	13.0	3.9	R 27.9	R 207.9	2.2	R 1,134.0	3,180.8	R 4,314.8
1997	0.2	992.3	R 101.6	25.1	10.3	3.9	R 15.0	R 155.9	1.5	R 1,149.9	3,148.1	R 4,298.0
1998	0.2	542.6	R 72.9	26.5	11.5	3.2	R 6.5	R 120.7	1.3	R 664.7	3,205.5	R 3,870.3
1999	0.2	653.4	R 105.1	33.6	12.6	3.5	R 9.4	R 164.1	1.5	R 819.1	3,230.8	R 4,049.9
2000	0.2	938.6	R 148.1	R 54.4	16.9	4.6	R 13.3	R 237.3	2.2	R 1,178.3	3,071.1	R 4,249.3
2001	0.1	1,055.7	133.3	49.3	18.1	4.5	9.3	214.5	1.6	1,272.0	3,160.5	4,432.5

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, New Jersey

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	0.58	0.23	0.40	0.68	0.68	0.76	0.79	1.43	5.08	2.99	0.48	1.20	0.95	1.45	0.88	3.89	1.20
1975	—	1.27	1.27	1.65	1.89	2.36	2.50	3.38	7.48	4.79	2.15	2.96	2.69	1.45	2.51	10.03	3.51
1980	—	1.49	1.49	3.63	3.65	5.48	5.81	5.15	14.36	9.94	4.69	7.90	6.19	1.43	5.72	16.96	7.15
1985	—	1.74	1.74	5.39	4.89	6.24	6.82	12.71	17.61	8.95	4.56	7.86	R 7.76	1.43	6.81	22.54	R 9.31
1986	—	1.62	1.62	4.27	4.16	4.61	4.58	12.00	15.59	6.89	2.67	4.54	R 5.38	1.53	5.00	22.09	R 7.59
1987	—	1.60	1.60	3.98	3.39	4.84	4.48	11.56	13.58	7.25	3.12	5.44	R 5.73	1.53	5.14	19.68	R 7.25
1988	—	1.56	1.56	3.78	3.07	4.20	4.19	11.39	14.62	7.58	2.54	4.52	R 5.20	1.53	R 4.71	19.83	R 7.01
1989	—	1.58	1.58	3.88	2.71	4.69	5.03	10.11	14.48	8.48	2.97	5.27	5.52	R d 1.51	R d 4.93	21.00	R d 7.41
1990	—	1.60	1.60	R 3.86	2.86	5.92	6.17	10.80	14.60	9.03	3.47	6.24	R 6.24	R 1.65	R 5.39	21.58	R 7.80
1991	—	1.58	1.58	3.56	2.70	5.33	5.54	9.79	16.80	8.91	2.64	5.61	R 6.03	R 1.73	R 5.04	22.47	R 7.72
1992	—	1.57	1.57	R 3.33	2.26	4.90	4.88	10.81	18.32	9.04	2.56	5.58	R 6.10	R 1.73	R 4.67	22.59	R 6.86
1993	—	1.50	1.50	R 3.56	2.92	5.28	4.59	11.61	18.96	8.83	2.71	5.02	5.27	R 1.73	R 4.38	23.70	R 6.54
1994	—	1.51	R 1.51	R 3.49	2.97	5.07	4.88	8.80	19.11	8.86	2.85	4.82	5.38	R 1.98	R 4.39	23.28	R 6.52
1995	—	1.69	R 1.69	3.01	3.29	5.43	4.31	8.74	19.41	9.25	2.92	5.22	5.68	R 1.88	R 4.21	23.89	R 6.36
1996	—	1.50	R 1.50	3.68	3.35	6.31	5.30	9.26	20.08	9.61	3.47	6.44	R 6.61	R 1.90	R 4.83	23.90	R 7.19
1997	—	1.55	R 1.55	3.65	3.90	6.09	4.85	10.23	17.98	9.51	3.00	5.92	R 6.18	R 1.91	R 4.77	23.77	R 6.94
1998	—	R 1.50	R 1.50	2.86	3.39	4.96	3.49	9.52	19.07	8.09	2.12	4.36	R 5.33	R 1.92	R 3.91	23.26	R 6.12
1999	—	R 1.47	R 1.47	3.02	3.04	5.26	3.93	9.71	16.75	8.93	2.52	5.69	R 5.66	R 1.82	R 4.27	22.49	R 6.18
2000	—	R 1.45	R 1.45	R 4.94	4.38	7.60	7.48	12.58	17.99	11.95	4.41	R 7.93	R 7.69	R 1.85	R 6.71	25.14	R 9.26
2001	—	1.61	1.61	6.44	3.98	6.51	6.34	13.00	19.00	11.18	3.85	6.74	7.12	1.81	6.87	24.24	9.29
	Expenditures in Million Nominal Dollars																
1970	5.3	2.2	7.5	51.4	26.3	38.6	3.4	30.0	42.5	6.3	52.1	100.6	299.9	4.7	363.5	194.0	557.5
1975	—	2.0	2.0	75.5	62.9	109.5	8.7	73.9	51.6	5.9	125.3	259.6	697.3	5.3	780.1	477.3	1,257.4
1980	—	1.2	1.2	217.5	105.7	230.9	45.9	102.9	144.4	7.7	410.2	797.8	1,845.5	4.2	2,068.3	900.1	2,968.5
1985	—	15.1	15.1	433.0	153.6	R 101.2	16.2	267.9	161.2	21.7	126.5	587.5	R 1,435.9	4.9	R 1,888.8	1,181.8	R 3,070.6
1986	—	10.6	10.6	294.9	153.5	R 100.9	12.2	219.9	139.5	16.9	73.1	425.0	R 1,141.1	4.0	R 1,450.5	1,148.7	R 2,599.3
1987	—	13.0	13.0	315.7	119.3	R 95.1	17.7	264.8	137.4	19.7	102.4	493.2	R 1,249.5	4.0	R 1,582.2	1,031.3	R 2,613.5
1988	—	10.2	10.2	290.6	88.4	R 89.4	18.8	229.3	142.6	20.9	70.2	425.0	R 1,084.5	4.1	R 1,389.5	1,051.5	R 2,441.0
1989	—	11.3	11.3	324.5	72.4	R 104.9	20.1	164.0	144.9	22.3	R 63.1	486.1	R 1,077.8	R d 1.8	R d 1,415.5	1,104.2	R d 2,519.7
1990	—	11.1	11.1	343.6	68.0	R 118.4	9.0	114.4	150.4	21.8	R 67.4	650.1	R 1,199.4	R 0.8	R 1,554.9	1,089.1	R 2,644.0
1991	—	9.2	9.2	350.4	56.1	R 90.1	3.0	160.3	154.7	19.7	R 37.6	506.3	R 1,027.8	R 0.8	R 1,388.3	1,121.8	R 2,510.0
1992	—	8.5	8.5	570.8	50.6	R 65.7	4.4	190.4	172.0	20.1	R 39.0	513.8	R 1,056.0	R 0.8	R 1,636.0	1,102.9	R 2,738.9
1993	—	8.3	R 8.3	668.4	160.8	R 67.6	3.5	81.1	181.3	25.1	R 33.6	461.5	R 1,014.6	R 0.8	R 1,692.1	1,150.3	R 2,842.4
1994	—	2.7	R 2.7	R 663.5	102.9	R 72.7	16.5	65.3	191.1	25.8	R 35.3	454.2	R 963.7	R 1.5	R 1,631.5	1,103.5	R 2,735.0
1995	—	0.5	R 0.5	R 623.7	134.2	R 61.2	10.1	65.3	190.7	29.0	R 24.8	464.1	R 979.4	R 1.9	R 1,605.4	1,112.3	R 2,717.8
1996	—	0.3	R 0.3	R 711.7	119.6	R 70.0	9.5	57.7	191.5	29.9	R 27.1	329.7	R 834.9	R 2.4	R 1,549.2	1,083.8	R 2,633.1
1997	—	0.4	R 0.4	R 694.6	212.3	R 62.7	18.1	91.8	181.1	31.1	R 19.9	341.9	R 959.0	R 2.4	R 1,656.4	1,060.0	R 2,716.4
1998	—	0.4	R 0.4	R 561.4	171.5	R 57.2	8.9	53.1	201.1	21.5	R 7.0	263.5	R 783.7	R 2.0	R 1,347.5	1,033.1	R 2,380.6
1999	—	0.3	R 0.3	R 585.9	217.0	R 63.2	4.7	184.7	178.4	11.3	R 6.5	335.0	R 1,000.8	R 2.1	R 1,589.1	982.3	R 2,571.4
2000	—	0.3	R 0.3	R 421.6	255.9	R 78.6	R 18.2	197.1	188.8	16.2	R 11.0	R 453.8	R 1,219.6	R 2.0	R 1,643.5	988.8	R 2,632.3
2001	—	0.2	0.2	540.1	263.6	90.3	16.8	239.2	182.7	56.0	6.9	339.0	1,194.6	2.1	1,737.0	994.7	2,731.7

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, New Jersey

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.23	—	2.17	1.57	0.72	1.43	5.08	2.99	0.41	2.39	2.39	4.62	2.39
1975	1.27	—	3.45	3.21	2.01	3.38	7.48	4.79	1.81	4.32	4.32	11.14	4.32
1980	—	—	9.02	7.34	6.27	5.15	14.36	9.94	3.94	8.60	8.60	14.91	8.60
1985	—	—	9.99	8.51	5.76	R 12.47	17.61	8.95	4.18	R 7.54	R 7.54	21.28	7.54
1986	—	—	8.41	6.96	3.84	R 11.77	15.59	6.89	2.16	5.60	5.60	18.46	5.60
1987	—	—	7.55	6.83	4.01	R 11.34	13.58	7.25	2.86	5.89	5.89	48.18	5.91
1988	—	—	7.41	6.80	3.79	R 11.24	14.62	7.58	2.16	6.10	6.10	46.87	6.12
1989	—	—	8.28	7.22	4.34	R 10.03	14.48	8.48	2.57	6.71	6.71	47.21	R 6.74
1990	—	—	9.32	8.64	5.60	R 10.62	14.60	9.03	2.99	7.54	7.54	46.79	7.56
1991	—	—	8.71	8.00	4.79	R 9.63	16.80	8.91	2.55	7.09	7.09	47.82	7.11
1992	—	—	8.54	7.59	4.44	R 10.69	18.32	9.04	2.63	R 6.97	R 6.97	49.08	6.99
1993	—	—	8.24	7.66	4.15	R 11.52	18.96	8.83	2.35	6.76	6.76	51.41	6.78
1994	—	R 4.09	7.96	7.83	3.87	R 8.96	19.11	8.86	2.70	6.87	6.87	51.88	R 6.90
1995	—	4.14	8.36	7.59	3.85	R 8.60	19.41	9.25	2.86	6.95	6.95	52.95	6.97
1996	—	R 6.68	9.29	8.54	4.75	R 9.04	20.08	9.61	3.36	7.82	7.82	53.60	7.84
1997	—	6.82	9.39	8.10	4.41	R 9.02	17.98	9.51	R 2.82	7.69	7.69	53.77	R 7.72
1998	—	R 7.46	8.11	7.09	3.30	R 8.42	19.07	8.09	2.16	R 6.53	R 6.53	52.51	R 6.56
1999	—	R 7.10	8.81	7.48	3.70	R 10.11	16.75	8.93	R 2.91	R 7.21	R 7.21	51.08	R 7.23
2000	—	6.77	R 10.87	10.38	6.58	R 13.68	17.99	11.95	R 4.54	R 9.90	R 9.90	35.50	R 9.91
2001	—	8.15	11.01	9.28	5.70	13.87	19.00	11.18	3.67	9.18	9.18	33.73	9.20
	Expenditures in Million Nominal Dollars												
1970	(s)	—	1.7	78.3	26.9	0.6	17.7	1,024.9	23.3	1,173.4	1,173.4	0.6	1,174.0
1975	(s)	—	1.6	166.5	64.9	1.2	27.5	1,929.5	48.3	2,239.5	2,239.5	1.6	2,241.2
1980	—	—	3.8	438.1	284.6	0.8	62.1	3,774.5	298.7	4,862.5	4,862.5	1.7	4,864.2
1985	—	—	9.3	R 682.2	1,430.6	R 5.0	69.3	3,494.3	289.3	R 5,979.9	R 5,979.9	6.9	R 5,986.8
1986	—	—	6.8	R 602.9	852.8	R 4.4	60.0	2,880.9	195.5	R 4,603.2	R 4,603.2	6.6	R 4,609.8
1987	—	—	7.7	R 603.3	984.5	R 3.3	59.0	3,052.9	216.5	R 4,927.3	R 4,927.3	18.7	R 4,946.0
1988	—	—	5.7	R 649.4	876.3	R 3.6	61.3	3,180.0	104.1	R 4,880.4	R 4,880.4	15.9	R 4,896.3
1989	—	—	5.3	R 642.1	1,084.9	3.1	62.3	3,575.4	R 144.1	R 5,517.2	R 5,517.2	19.5	R 5,536.7
1990	—	—	5.6	R 653.3	1,470.6	2.9	64.6	3,657.8	R 136.9	R 5,991.7	R 5,991.7	18.7	R 6,010.4
1991	—	—	4.4	R 602.9	1,183.7	R 2.4	66.5	3,677.2	R 162.4	R 5,699.5	R 5,699.5	19.6	R 5,719.1
1992	—	—	5.3	R 628.8	1,160.8	R 2.9	73.9	3,591.0	R 158.1	R 5,620.9	R 5,620.9	20.7	R 5,641.6
1993	—	—	5.0	R 638.9	1,131.5	R 3.3	77.9	3,240.8	R 94.6	R 5,192.1	R 5,192.1	21.2	R 5,213.3
1994	—	R 0.3	6.3	R 772.1	1,060.2	4.4	82.1	3,748.5	R 106.8	R 5,780.5	R 5,780.7	22.2	R 5,803.0
1995	—	R 0.4	6.1	R 676.4	1,093.3	R 2.1	82.0	3,936.6	R 144.9	R 5,941.4	R 5,941.7	22.6	R 5,964.3
1996	—	R 0.8	5.3	R 781.6	1,157.7	1.9	82.3	4,281.1	R 127.0	R 6,437.0	R 6,437.8	24.7	R 6,462.5
1997	—	R 0.6	6.3	R 860.4	969.7	3.5	77.8	4,369.3	R 118.3	R 6,405.3	R 6,405.9	24.2	R 6,430.1
1998	—	R 1.5	5.4	R 804.3	692.8	1.6	86.4	3,843.6	R 90.4	R 5,524.5	R 5,526.0	25.6	R 5,551.6
1999	—	R 1.7	4.7	R 861.0	763.2	0.4	76.7	4,256.5	R 118.6	R 6,081.0	R 6,082.8	23.4	R 6,106.1
2000	—	R 1.8	R 4.9	R 1,242.0	1,371.8	1.1	81.1	5,875.6	R 348.7	R 8,925.2	R 8,927.1	17.5	R 8,944.5
2001	—	2.5	3.4	1,187.6	1,098.0	1.9	78.5	5,423.9	239.9	8,033.2	8,035.7	27.3	8,062.9

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, New Jersey (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.45	0.39	0.45	0.45	—	0.45	0.20	—	—	—	0.42
1975	1.59	0.95	2.12	2.14	—	2.12	0.18	—	—	—	1.71
1980	1.80	3.01	4.79	5.93	—	4.98	0.34	—	—	—	2.67
1985	1.92	3.97	4.41	6.24	—	4.62	0.71	—	—	—	1.91
1986	1.81	2.51	2.38	3.20	—	2.44	0.73	—	—	—	1.48
1987	1.77	2.55	3.12	4.10	—	3.29	0.81	—	—	—	1.50
1988	1.72	2.25	2.51	3.53	—	2.68	0.68	—	—	—	1.31
1989	1.76	2.46	3.03	4.08	—	3.24	0.66	0.67	—	—	1.49
1990	1.80	2.17	3.56	5.45	—	3.91	0.61	0.46	—	—	1.25
1991	1.78	1.96	2.96	4.81	—	3.28	0.61	0.50	—	—	1.17
1992	1.73	2.11	3.02	4.51	—	3.25	0.56	0.51	—	—	1.23
1993	1.77	2.30	2.65	4.04	—	2.99	0.58	0.55	—	—	1.26
1994	1.82	2.10	2.84	3.86	—	3.08	0.62	0.56	—	—	1.33
1995	1.78	2.12	2.84	3.84	—	3.31	0.63	0.70	—	—	1.45
1996	1.75	2.90	3.42	5.38	—	4.27	0.36	0.59	—	—	1.73
1997	1.76	2.95	2.89	4.50	—	3.79	0.59	0.50	—	—	1.71
1998	1.59	2.62	2.28	3.24	—	2.68	0.55	0.61	—	—	1.28
1999	1.45	2.99	2.80	3.79	—	3.28	0.45	0.67	—	—	1.31
2000	1.39	4.30	4.77	6.38	—	5.71	0.57	0.67	—	—	1.72
2001	2.27	3.36	3.93	5.74	—	4.83	0.45	0.47	—	—	1.54
	Expenditures in Million Nominal Dollars										
1970	45.4	18.4	107.5	3.2	—	110.6	7.6	—	—	—	182.1
1975	90.8	8.4	318.4	27.9	—	346.2	6.1	—	—	—	451.6
1980	120.2	247.6	389.1	96.7	—	485.8	27.9	—	—	—	881.5
1985	176.8	254.5	138.7	24.4	—	163.1	133.4	—	—	—	727.8
1986	126.1	95.9	126.9	13.0	—	139.9	114.8	—	—	—	476.7
1987	144.2	197.9	91.6	24.5	—	116.1	190.9	—	—	—	649.1
1988	126.9	118.4	119.1	34.1	—	153.2	173.4	—	—	—	571.9
1989	153.3	175.2	149.8	52.8	—	202.7	160.1	0.7	—	—	692.0
1990	132.4	148.9	63.5	21.8	—	85.3	154.3	2.0	—	—	523.0
1991	99.3	193.0	50.6	17.2	—	67.8	159.1	6.7	—	—	525.8
1992	98.5	253.2	33.7	9.2	—	42.9	127.1	7.8	—	—	529.5
1993	101.7	300.2	28.6	13.8	—	42.4	150.8	8.7	—	—	603.8
1994	114.5	312.7	46.4	18.6	—	64.9	142.5	11.6	—	—	646.2
1995	141.1	332.4	23.9	28.6	—	52.5	111.3	15.1	—	—	652.4
1996	151.1	384.5	16.3	19.6	—	35.9	42.0	9.9	—	—	623.4
1997	174.7	411.8	6.4	12.5	—	18.9	86.3	10.8	—	—	702.5
1998	136.6	367.0	9.6	9.8	—	19.3	155.8	14.3	—	—	693.0
1999	128.9	436.0	12.2	15.7	—	27.9	136.3	16.0	—	—	745.2
2000	159.4	601.1	22.1	42.1	—	64.3	169.1	16.1	—	—	1,010.0
2001	254.6	444.7	31.1	44.9	—	76.0	143.3	11.1	—	—	929.7

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, New Mexico

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.14	0.14	0.39	1.07	0.76	1.35	2.94	0.34	1.25	1.93	—	1.04	0.85	0.20	5.62	1.46
1975	—	0.23	0.23	0.75	2.42	2.12	3.17	4.72	1.66	2.57	3.44	—	1.46	1.63	0.45	7.99	2.88
1980	—	0.56	0.56	2.66	6.80	6.59	5.84	9.58	3.80	6.40	7.85	—	2.46	3.71	1.02	15.52	7.10
1985	—	1.09	1.09	4.60	R 6.62	6.24	R 8.31	9.14	3.98	6.80	R 7.93	—	2.81	R 3.96	1.33	21.20	R 9.32
1986	—	1.14	1.14	4.24	R 5.32	4.39	R 7.03	7.02	2.01	5.96	R 6.22	—	R 2.18	R 3.45	1.31	22.14	R 8.15
1987	—	1.21	1.21	3.68	R 6.00	4.28	R 7.32	7.46	2.56	4.62	R 6.52	—	1.89	R 3.48	1.29	21.83	R 8.17
1988	—	1.18	1.18	3.44	R 5.79	4.17	R 6.50	7.44	1.87	4.78	R 6.46	—	1.90	3.39	1.25	21.76	R 7.93
1989	—	1.24	1.24	3.61	R 6.60	4.79	R 6.68	8.24	R 2.17	4.80	R 7.15	—	R e 2.37	R e 3.63	1.32	21.55	R e 8.53
1990	—	1.32	1.32	3.84	R 7.65	6.01	R 8.33	9.23	2.75	5.10	R 8.20	—	R 4.12	R 4.17	1.37	20.98	R 9.29
1991	—	1.38	1.38	3.62	R 7.12	4.84	R 6.33	9.10	2.27	5.60	R 7.62	—	R 3.98	R 4.26	1.42	21.09	R 8.81
1992	—	1.32	1.32	3.67	R 7.53	4.57	4.62	9.33	2.09	5.10	R 7.47	—	R 3.69	R 4.04	1.38	21.03	R 8.67
1993	—	1.37	1.37	3.91	R 7.75	4.50	5.47	9.87	1.96	4.83	R 7.87	—	R 3.63	R 4.25	1.45	21.39	R 9.08
1994	—	1.41	1.41	3.86	R 7.49	4.04	R 5.63	9.68	2.12	5.03	R 7.87	—	R 3.52	R 4.15	1.47	21.10	R 9.30
1995	—	1.42	1.42	3.23	R 6.43	4.16	R 5.61	9.51	2.43	5.47	R 7.77	—	R 3.49	3.93	1.43	20.12	R 9.03
1996	—	1.43	1.43	R 3.24	R 8.24	5.04	R 8.80	10.21	2.81	5.83	R 8.82	—	R 3.85	R 4.32	R 1.53	19.99	R 9.54
1997	—	1.34	1.34	R 4.04	R 8.00	4.79	R 8.60	10.18	2.75	5.79	R 8.75	—	R 3.95	R 4.43	R 1.49	20.11	R 9.63
1998	—	1.31	1.31	R 3.67	R 6.94	3.56	8.36	8.71	1.93	4.69	R 7.40	—	R 3.42	R 3.95	R 1.43	20.04	R 8.86
1999	—	1.33	1.33	R 3.53	R 7.38	4.13	8.34	9.53	2.48	5.05	R 7.98	—	R 3.54	R 4.17	R 1.45	19.42	R 9.00
2000	—	1.38	1.38	R 4.90	R 9.90	6.83	12.35	11.91	3.66	R 6.50	R 10.33	—	R 5.31	R 5.20	R 1.72	19.40	R 10.80
2001	—	1.47	1.47	5.96	9.36	5.88	15.56	11.21	3.36	6.78	10.19	—	4.67	5.46	1.85	21.09	11.24
	Expenditures in Million Nominal Dollars																
1970	—	14.3	14.3	80.7	33.6	12.9	22.0	202.9	0.4	20.1	291.9	—	0.9	387.8	-32.0	106.6	462.4
1975	—	30.0	30.0	134.8	94.7	30.9	41.3	409.2	31.0	44.9	652.2	—	1.5	818.4	-95.4	179.5	902.6
1980	—	114.0	114.0	394.1	315.6	96.0	98.6	850.8	23.5	119.2	1,503.7	—	2.6	2,014.4	-268.0	460.2	2,206.5
1985	—	293.7	293.7	350.8	R 284.5	97.7	R 89.8	859.5	19.0	93.3	R 1,444.0	—	3.8	R 2,092.3	-392.6	836.0	R 2,535.7
1986	—	274.2	274.2	303.8	R 262.3	66.8	R 44.9	674.8	2.7	82.9	R 1,134.4	—	3.9	R 1,716.4	-342.2	874.2	R 2,248.4
1987	—	315.2	315.2	280.8	R 307.5	70.0	R 41.1	742.2	1.2	78.6	R 1,240.6	—	2.8	R 1,839.3	-359.9	893.3	R 2,372.8
1988	—	312.8	312.8	320.8	R 293.1	64.1	R 35.5	754.8	1.2	81.5	R 1,230.1	—	2.9	R 1,866.6	-359.3	923.0	R 2,430.3
1989	—	R 346.4	R 346.4	R 355.3	R 305.4	74.7	R 95.2	817.5	1.8	69.3	R 1,363.9	—	e 2.1	R e 2,067.6	R -407.4	958.2	R e 2,618.5
1990	—	363.3	363.3	R 349.0	R 355.2	96.2	R 239.3	903.9	2.0	66.3	R 1,663.0	—	R 6.9	R 2,382.2	R -414.3	962.7	R 2,930.6
1991	—	R 322.4	R 322.4	R 352.8	R 346.5	65.2	R 267.9	915.2	R 1.0	79.6	R 1,675.4	—	R 7.0	R 2,357.6	R -371.8	987.1	R 2,972.9
1992	—	353.7	353.7	R 341.5	R 381.5	71.3	R 174.9	952.4	0.8	83.3	R 1,664.2	—	R 6.7	R 2,366.1	R -399.1	1,009.7	R 2,976.7
1993	—	R 369.7	R 369.7	R 387.9	R 343.7	82.5	R 189.5	1,057.6	1.5	96.4	R 1,771.3	—	R 6.3	R 2,535.1	R -431.8	1,057.7	R 3,161.0
1994	—	R 392.1	R 392.1	R 378.7	R 296.9	58.9	R 179.3	1,053.8	1.8	89.9	R 1,680.7	—	6.1	R 2,457.6	R -455.4	1,100.3	R 3,102.4
1995	—	R 389.6	R 389.6	R 318.9	R 189.5	52.3	R 166.3	1,042.3	R 2.0	87.8	R 1,540.3	—	R 6.6	R 2,255.4	R -439.2	1,084.9	R 2,901.1
1996	—	R 398.1	R 398.1	R 348.6	R 482.4	46.1	R 64.0	1,077.7	R 2.5	141.0	R 1,813.8	—	7.6	R 2,568.1	R -477.6	1,141.9	R 3,232.4
1997	—	R 385.2	R 385.2	R 489.2	R 503.1	47.5	82.9	1,141.7	R 1.7	134.0	R 1,910.8	—	R 7.8	R 2,793.0	R -488.9	1,172.5	R 3,476.6
1998	—	R 379.0	R 379.0	R 436.2	R 459.9	44.4	84.6	995.0	R 1.6	134.5	R 1,720.0	—	R 6.3	R 2,541.4	R -477.8	1,213.9	R 3,277.5
1999	—	R 396.0	R 396.0	R 417.8	R 498.6	63.8	124.0	1,102.5	R 2.2	137.2	R 1,928.2	—	6.9	R 2,748.9	R -493.8	1,168.5	R 3,423.6
2000	—	R 420.6	R 420.6	R 601.5	R 688.0	116.8	127.2	1,318.9	R 3.1	R 171.9	R 2,425.9	—	10.6	R 3,458.6	R -601.6	1,218.7	R 4,075.7
2001	—	437.4	437.4	769.4	676.7	102.2	248.0	1,265.1	2.0	124.2	2,418.2	—	8.6	3,633.6	-637.4	1,316.4	4,312.6

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, New Mexico

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	0.90	0.86	0.98	1.49	1.61	1.60	0.72	0.99	8.15	1.77
1975	—	1.24	2.82	3.05	4.16	4.12	1.43	1.64	10.47	3.04
1980	2.54	3.17	6.79	7.95	7.19	7.29	3.66	3.78	18.89	6.64
1985	2.83	5.59	6.92	6.59	8.62	R 8.54	4.14	6.27	25.48	10.99
1986	2.78	5.28	5.09	5.04	7.16	R 7.02	3.32	5.46	26.43	R 10.90
1987	2.40	4.61	4.81	5.14	7.78	R 7.66	3.16	4.94	26.39	R 10.29
1988	2.12	4.87	4.74	4.48	6.51	R 6.44	R 3.20	5.01	26.42	10.49
1989	2.43	5.45	5.34	4.48	7.48	R 7.42	3.53	R 5.70	26.41	11.17
1990	2.41	5.37	6.47	6.81	9.28	R 9.25	4.75	5.99	26.19	10.96
1991	2.36	5.18	5.96	6.41	10.46	R 10.40	R 4.55	5.85	26.63	11.05
1992	2.43	4.55	5.40	5.85	10.40	R 10.29	R 4.16	5.15	26.56	10.55
1993	2.16	5.24	5.71	5.78	9.85	R 9.78	4.06	5.55	26.90	11.12
1994	2.25	5.61	5.41	4.31	9.95	R 9.85	3.94	5.89	26.78	11.82
1995	2.24	4.94	5.22	3.99	9.87	9.79	3.86	5.34	26.16	11.43
1996	2.14	R 4.32	5.87	4.51	11.21	11.10	4.43	R 4.86	26.16	R 10.66
1997	2.14	R 5.74	5.59	6.21	11.84	R 11.77	4.41	R 6.25	26.15	R 11.49
1998	2.10	R 5.33	4.47	3.03	10.63	R 10.57	3.82	R 6.00	25.93	R 11.43
1999	2.05	R 5.16	4.91	3.03	10.99	10.76	3.93	R 6.09	25.26	R 11.19
2000	2.13	R 6.30	8.43	7.86	13.44	13.39	5.90	R 7.49	24.50	R 12.22
2001	2.25	7.52	7.14	6.16	16.78	16.74	5.62	9.80	25.61	13.85
	Expenditures in Million Nominal Dollars									
1970	(s)	28.6	(s)	0.2	12.2	12.4	0.3	41.3	41.0	82.3
1975	—	37.0	0.1	0.5	19.6	20.2	0.7	57.9	69.9	127.8
1980	0.5	95.0	0.4	6.0	31.9	38.3	1.7	135.4	158.1	293.5
1985	0.1	133.4	R 0.6	1.5	64.9	R 67.1	2.7	R 203.3	269.4	R 472.6
1986	0.1	137.3	R 0.8	0.6	26.1	R 27.4	2.1	R 166.9	283.5	R 450.4
1987	0.1	137.1	R 0.2	0.6	28.9	R 29.8	1.0	R 168.0	297.7	R 465.7
1988	(s)	145.6	R 0.2	0.3	21.4	R 22.0	1.1	R 168.7	306.0	R 474.7
1989	0.1	152.4	R 0.2	0.3	33.7	R 34.2	1.3	R 187.9	312.0	499.9
1990	(s)	159.6	R 0.3	0.2	57.4	R 57.8	6.3	R 223.7	318.7	R 542.4
1991	0.1	160.7	R 0.2	0.2	51.0	51.5	6.3	218.6	333.0	R 551.5
1992	0.1	149.3	R 0.3	0.2	41.3	R 41.8	6.1	R 197.3	343.6	540.9
1993	0.1	173.9	0.2	0.1	28.7	29.0	5.6	R 208.5	356.5	565.1
1994	0.1	173.2	0.2	0.1	27.9	R 28.2	5.3	206.8	372.7	579.5
1995	(s)	145.0	0.1	0.1	30.8	31.0	5.8	181.8	368.1	R 550.0
1996	(s)	150.6	0.1	0.2	34.5	34.8	6.6	192.0	386.4	578.4
1997	(s)	215.0	0.1	0.2	46.5	R 46.8	6.7	268.5	401.7	670.2
1998	R 0.1	187.3	R 0.1	0.1	61.2	61.3	5.3	253.9	410.7	R 664.7
1999	(s)	178.8	0.6	0.4	81.3	82.2	5.8	266.9	400.7	667.6
2000	(s)	219.1	0.3	0.3	98.9	R 99.4	9.1	R 327.7	412.7	R 740.4
2001	(s)	267.7	0.2	0.2	208.9	209.3	7.4	484.5	436.9	921.4

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, New Mexico

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.56	0.44	0.92	1.01	1.12	2.94	—	1.34	0.72	0.50	5.78	1.37
1975	—	0.74	2.62	2.22	2.60	4.72	—	3.03	1.43	0.94	7.90	2.74
1980	0.88	2.79	6.57	6.80	5.36	9.58	—	6.85	3.66	3.49	15.95	6.77
1985	1.39	5.34	6.11	6.59	7.55	9.14	4.00	R 7.03	4.14	R 5.63	22.57	R 12.65
1986	1.35	4.04	3.62	5.04	6.82	7.02	—	R 5.00	3.32	R 4.14	23.41	R 11.72
1987	1.42	3.67	4.07	5.14	6.35	7.46	—	R 5.02	3.16	R 3.88	22.49	R 11.47
1988	1.27	3.08	3.66	4.48	6.40	7.44	—	R 4.84	3.20	R 3.24	23.10	R 9.81
1989	1.15	3.54	4.18	4.48	6.28	8.24	—	R 5.36	3.53	R 3.72	22.68	R 10.67
1990	1.31	4.19	5.52	6.81	8.05	9.23	—	R 6.75	4.75	R 4.56	22.21	R 11.68
1991	1.33	3.98	4.82	6.41	5.78	9.10	—	R 5.80	4.55	R 4.19	22.57	R 11.57
1992	1.41	3.22	4.47	5.85	3.94	9.33	—	R 5.44	4.16	R 3.38	22.47	R 10.90
1993	1.30	4.13	4.35	5.78	5.06	9.87	—	R 4.75	4.06	4.17	22.98	R 11.72
1994	1.33	4.41	4.02	4.31	8.67	9.68	—	R 5.70	3.94	4.47	22.71	R 12.78
1995	1.19	R 3.67	4.11	3.99	9.08	9.51	—	R 5.68	3.86	3.81	21.85	R 12.08
1996	1.14	R 3.24	4.93	4.51	10.06	10.21	2.81	R 6.90	4.43	3.44	21.87	R 11.67
1997	1.19	R 4.31	4.70	6.21	10.28	10.18	—	R 7.17	4.41	R 4.47	22.16	R 12.19
1998	1.17	R 4.13	3.60	3.03	9.20	8.71	—	R 6.79	3.82	R 4.28	21.75	R 12.39
1999	1.21	R 3.88	4.25	3.03	9.51	9.53	—	R 6.49	3.93	R 4.15	20.97	R 11.86
2000	R 1.15	R 5.06	6.81	7.86	12.61	11.91	—	R 9.51	5.90	R 5.50	19.84	R 12.56
2001	1.18	6.95	5.99	6.16	13.44	11.21	—	9.84	5.62	7.39	21.34	14.43
	Expenditures in Million Nominal Dollars											
1970	(s)	15.7	0.6	(s)	1.5	1.1	—	3.2	(s)	19.0	43.7	62.7
1975	—	18.2	2.7	0.1	2.2	2.3	—	7.2	(s)	25.4	74.0	99.4
1980	0.6	71.7	5.1	25.4	4.2	5.5	—	40.1	(s)	112.5	184.0	296.5
1985	0.2	97.2	R 11.4	2.3	10.0	5.4	0.1	R 29.2	0.1	R 126.7	359.2	R 485.9
1986	0.1	90.2	R 6.3	0.4	4.4	4.3	—	R 15.4	0.1	R 105.8	387.8	R 493.6
1987	0.1	79.2	R 10.5	0.4	4.2	4.8	—	R 19.9	(s)	R 99.2	396.8	R 496.0
1988	0.1	102.7	R 7.6	0.8	3.7	4.6	—	R 16.7	(s)	R 119.5	420.0	R 539.6
1989	0.2	105.9	R 8.7	0.4	5.0	5.2	—	R 19.2	(s)	R 125.3	441.0	R 566.3
1990	0.1	105.0	R 13.7	0.6	8.8	6.1	—	R 29.2	0.4	R 134.7	442.8	R 577.4
1991	0.2	103.7	R 9.8	0.7	5.0	5.4	—	R 20.9	0.4	R 125.2	452.2	R 577.3
1992	0.2	93.7	R 4.7	0.3	2.8	4.9	—	R 12.7	0.4	R 107.0	462.4	R 569.3
1993	0.2	120.2	R 7.2	0.2	2.6	0.9	—	R 10.9	0.4	R 131.8	488.1	R 619.9
1994	0.2	110.1	R 4.4	0.1	4.3	0.9	—	R 9.6	0.4	R 120.4	511.0	R 631.4
1995	0.2	89.5	R 5.8	0.1	5.0	0.9	—	R 11.8	0.4	R 101.9	495.0	R 596.9
1996	0.2	88.7	R 5.0	(s)	5.5	1.0	(s)	R 11.5	0.5	R 100.9	516.6	R 617.5
1997	0.2	120.8	R 4.6	0.1	7.1	1.0	—	R 12.8	0.7	R 134.6	517.0	R 651.5
1998	0.2	109.9	R 2.9	(s)	9.3	0.8	—	R 13.1	0.6	R 123.9	545.2	R 669.1
1999	R 0.2	102.4	R 7.8	0.1	12.4	0.9	—	R 21.3	0.7	R 124.6	532.1	R 656.7
2000	R 0.2	R 132.3	R 10.5	0.4	16.4	1.2	—	R 28.4	1.1	R 162.0	566.6	R 728.7
2001	0.1	163.5	12.2	0.6	29.5	2.3	—	44.6	0.8	209.0	615.7	824.7

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, New Mexico

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.56	0.56	0.25	0.58	0.95	1.01	1.12	5.08	2.94	0.41	0.43	1.02	1.49	0.49	3.44	0.65
1975	—	—	—	0.58	1.84	2.05	2.22	2.60	7.48	4.72	1.60	1.31	2.14	1.49	1.27	5.54	1.52
1980	—	0.88	0.88	2.46	3.67	6.42	6.80	5.36	14.36	9.58	3.82	4.04	5.48	1.49	4.09	12.11	4.99
1985	—	1.39	1.39	3.67	4.79	6.07	7.09	7.55	17.61	9.14	4.00	3.39	R 5.87	1.49	R 5.32	16.01	R 7.80
1986	—	1.35	1.35	3.04	4.35	3.70	5.19	6.82	15.59	7.02	2.09	3.95	R 4.45	1.51	R 4.12	16.64	R 7.13
1987	—	1.42	1.42	3.30	3.19	4.32	5.21	6.35	13.58	7.46	2.86	4.85	R 4.27	1.51	R 3.98	16.56	R 6.84
1988	—	1.27	1.27	3.16	3.39	3.84	4.84	6.40	14.62	7.44	1.81	4.00	R 4.16	1.51	R 3.81	15.56	R 6.51
1989	—	1.15	1.15	2.97	2.87	4.55	5.73	6.28	14.48	8.24	1.96	4.86	R 4.82	d 1.51	R d 4.22	15.53	R d 6.72
1990	—	1.31	1.31	3.49	2.76	5.84	7.07	8.05	14.60	9.23	2.62	5.98	R 6.49	R 1.66	R 5.85	14.59	R 7.63
1991	—	1.33	1.33	3.39	3.45	5.08	6.49	5.78	16.80	9.10	2.01	5.18	R 5.46	R 1.66	5.08	14.17	R 6.55
1992	—	1.41	1.41	6.58	2.99	4.84	6.20	3.94	18.32	9.33	2.05	4.93	R 4.21	R 1.66	R 4.45	14.06	R 6.16
1993	—	1.30	1.30	3.66	3.12	4.72	6.02	5.06	18.96	9.87	1.94	4.40	R 4.84	R 1.66	4.62	14.25	R 6.31
1994	—	1.33	1.33	3.39	3.05	4.45	4.04	5.08	19.11	9.68	2.11	4.16	R 4.86	R 1.62	R 4.57	13.77	R 6.36
1995	—	1.19	1.19	2.77	3.30	4.43	4.18	4.97	19.41	9.51	2.43	4.60	R 4.90	R 1.62	R 4.43	12.91	R 6.12
1996	—	1.14	1.14	R 2.80	3.55	5.34	7.20	6.35	20.08	10.21	2.81	5.46	R 5.57	R 1.62	R 4.90	12.75	R 6.92
1997	—	1.19	1.19	R 3.11	3.72	5.06	4.50	5.64	17.98	10.18	2.75	5.03	R 5.48	R 1.62	R 4.75	12.94	R 6.79
1998	—	1.17	1.17	R 3.29	3.68	3.93	3.24	4.20	19.07	8.71	1.93	3.30	R 4.19	R 1.62	3.92	13.12	R 6.24
1999	—	1.21	1.21	R 2.71	3.40	4.52	4.10	4.87	16.75	9.53	2.48	4.64	R 4.64	R 1.62	R 4.11	12.44	R 6.04
2000	—	R 1.15	R 1.15	R 4.54	3.37	7.08	9.34	7.08	17.99	11.91	3.66	R 7.41	6.47	R 1.62	R 5.79	13.73	R 7.59
2001	—	1.18	1.18	6.35	3.43	6.54	8.02	6.64	19.00	11.21	3.13	6.07	6.57	1.62	6.30	15.98	8.45
	Expenditures in Million Nominal Dollars																
1970	—	0.1	0.1	18.7	4.6	11.7	5.5	7.3	3.2	3.0	0.3	0.1	35.7	0.5	55.1	21.9	76.9
1975	—	—	—	32.8	19.9	27.5	7.8	17.5	5.4	3.6	12.8	0.8	95.4	0.7	129.0	35.6	164.6
1980	—	0.2	0.2	84.5	27.7	82.1	21.1	61.9	10.3	4.2	19.4	2.5	229.3	0.9	314.8	118.1	432.9
1985	—	2.5	2.5	21.1	47.7	R 91.8	3.6	12.1	11.5	17.3	18.0	1.3	R 203.2	1.0	R 227.8	207.5	R 435.3
1986	—	2.7	2.7	6.8	46.7	R 60.6	1.0	12.0	10.0	12.6	2.3	2.0	R 147.1	1.7	R 158.3	202.9	R 361.2
1987	—	1.5	1.5	19.8	43.7	R 63.3	0.7	6.2	9.8	12.9	0.8	2.3	R 139.7	1.7	R 162.7	198.8	R 361.5
1988	—	1.4	1.4	26.3	47.6	R 50.6	0.2	8.4	10.2	13.0	0.7	2.0	R 132.8	1.8	R 162.3	197.0	R 359.2
1989	—	1.0	1.0	36.8	31.7	R 41.9	1.5	53.7	10.3	15.0	1.2	2.4	R 157.9	d 0.8	R d 196.6	205.2	R d 401.8
1990	—	1.1	1.1	34.1	26.6	R 50.5	1.5	169.4	10.7	16.0	1.4	3.4	R 279.4	R 0.2	R 314.9	201.2	R 516.1
1991	—	1.2	1.2	39.6	34.9	R 52.7	1.4	210.0	11.0	17.2	0.8	7.2	R 335.4	R 0.2	R 376.4	201.9	R 578.3
1992	—	1.4	1.4	53.5	37.2	R 40.5	0.3	129.3	12.3	16.1	0.7	7.0	R 243.3	R 0.2	R 298.3	203.7	R 502.1
1993	—	1.7	1.7	R 31.6	50.4	R 34.7	0.3	156.2	12.9	29.1	1.5	6.2	R 291.3	R 0.2	R 324.8	213.0	R 537.9
1994	—	2.0	2.0	R 30.8	42.8	R 28.1	0.1	142.2	13.6	30.4	1.8	6.1	R 265.1	R 0.2	R 298.1	216.5	R 514.7
1995	—	2.0	2.0	R 33.5	40.7	R 49.1	0.2	127.2	13.6	32.4	R 2.0	6.4	R 271.6	R 0.3	R 307.4	221.8	R 529.2
1996	—	1.9	1.9	R 28.8	38.8	R 62.8	0.4	21.2	13.7	35.0	R 2.5	58.6	R 233.0	R 0.3	R 264.0	238.9	R 502.9
1997	—	2.0	2.0	R 46.1	30.4	R 61.3	0.2	26.8	12.9	36.8	R 1.7	62.1	R 232.2	R 0.3	R 280.5	253.8	R 534.3
1998	—	1.8	1.8	R 38.9	50.0	R 43.2	0.2	14.0	14.3	22.5	R 1.6	41.5	R 187.5	R 0.3	R 228.5	258.0	R 486.5
1999	—	1.9	1.9	R 38.3	42.9	R 57.1	0.4	29.7	12.7	17.0	R 2.2	54.6	R 216.6	0.3	R 257.1	235.8	R 492.9
2000	—	R 2.2	R 2.2	R 69.2	39.6	R 93.3	R 0.8	11.2	13.5	21.4	R 3.1	R 89.0	R 272.0	0.3	R 343.6	239.4	R 583.0
2001	—	2.1	2.1	137.8	18.0	82.8	0.3	7.7	13.0	36.8	1.7	64.2	224.5	0.3	364.7	263.8	628.5

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, New Mexico

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.56	—	2.17	1.15	0.76	1.12	5.08	2.94	0.38	2.28	2.28	—	2.28
1975	—	—	3.45	2.62	2.12	2.60	7.48	4.72	—	4.03	4.03	—	4.03
1980	—	—	9.02	6.97	6.59	5.36	14.36	9.58	—	8.69	8.69	—	8.69
1985	—	—	9.99	6.98	6.24	R 8.07	17.61	9.14	—	8.47	8.47	—	8.47
1986	—	—	8.41	6.29	4.39	R 7.22	15.59	7.02	—	R 6.66	R 6.66	—	R 6.66
1987	—	—	7.55	6.89	4.28	R 6.88	13.58	7.46	—	7.03	7.03	—	7.03
1988	—	—	7.41	6.67	4.17	R 7.08	14.62	7.44	—	6.99	6.99	—	6.99
1989	—	—	8.28	7.30	4.79	R 6.96	14.48	8.24	—	R 7.71	R 7.71	—	R 7.71
1990	—	—	9.32	8.26	6.01	R 8.90	14.60	9.23	—	R 8.70	R 8.70	—	R 8.70
1991	—	—	8.71	7.85	4.84	R 6.39	16.80	9.10	—	R 8.47	R 8.47	—	R 8.47
1992	—	R 3.52	8.54	8.19	4.57	R 4.36	18.32	9.33	—	R 8.62	R 8.62	—	R 8.62
1993	—	R 3.35	8.24	8.59	4.50	R 5.64	18.96	9.87	—	R 9.03	R 9.03	—	R 9.03
1994	—	5.11	7.96	8.24	4.04	R 9.49	19.11	9.68	—	R 8.92	R 8.92	—	R 8.92
1995	—	3.78	8.36	7.97	4.16	R 9.82	19.41	9.51	—	8.92	8.92	—	8.92
1996	—	R 4.62	9.29	9.09	5.04	R 9.12	20.08	10.21	—	R 9.66	9.65	—	9.65
1997	—	R 4.57	9.39	8.80	4.79	R 9.24	17.98	10.18	—	9.52	R 9.50	—	R 9.50
1998	—	R 4.00	8.11	7.62	3.56	R 8.44	19.07	8.71	—	8.10	R 8.10	—	R 8.10
1999	—	R 4.34	8.81	8.20	4.13	R 9.25	16.75	9.53	—	R 8.75	R 8.75	—	R 8.75
2000	—	R 4.34	R 10.87	10.69	6.83	R 11.84	17.99	11.91	—	11.11	R 11.11	—	R 11.11
2001	—	6.09	11.01	10.12	5.88	13.93	19.00	11.21	—	10.43	10.43	—	10.43
	Expenditures in Million Nominal Dollars												
1970	(s)	—	1.2	21.2	12.9	1.0	5.1	198.9	(s)	240.4	240.4	—	240.4
1975	—	—	1.4	64.0	30.9	2.0	9.0	403.4	—	510.8	510.8	—	510.8
1980	—	—	7.6	219.7	96.0	0.6	18.6	841.2	—	1,183.6	1,183.6	—	1,183.6
1985	—	—	4.8	R 179.2	97.7	R 2.8	20.7	836.8	—	R 1,141.9	R 1,141.9	—	R 1,141.9
1986	—	—	4.4	R 193.7	66.8	R 2.4	18.0	657.9	—	R 943.2	R 943.2	—	R 943.2
1987	—	—	3.3	R 232.1	70.0	R 1.8	17.7	724.5	—	R 1,049.5	R 1,049.5	—	R 1,049.5
1988	—	—	2.1	R 233.3	64.1	R 1.9	18.3	737.1	—	R 1,056.9	R 1,056.9	—	R 1,056.9
1989	—	—	4.0	R 253.1	74.7	R 2.8	18.6	797.3	—	R 1,150.5	R 1,150.5	—	R 1,150.5
1990	—	—	4.0	R 289.4	96.2	R 3.8	19.3	881.8	—	R 1,294.6	R 1,294.6	—	R 1,294.6
1991	—	—	4.1	R 282.1	65.2	R 1.9	19.9	892.6	—	R 1,265.7	R 1,265.7	—	R 1,265.7
1992	—	R 0.2	4.0	R 333.8	71.3	R 1.6	22.1	931.4	—	R 1,364.2	R 1,364.4	—	R 1,364.4
1993	—	R 0.2	2.9	R 299.6	82.5	R 2.0	23.3	1,027.6	—	R 1,437.9	R 1,438.2	—	R 1,438.2
1994	—	R 0.4	2.5	R 263.1	58.9	R 4.9	24.6	1,022.5	—	R 1,376.5	R 1,376.9	—	R 1,376.9
1995	—	R 0.4	2.3	R 133.3	52.3	R 3.3	24.5	1,009.0	—	R 1,224.7	R 1,225.1	—	R 1,225.1
1996	—	R 0.6	4.7	R 413.0	46.1	R 2.8	24.6	1,041.7	—	R 1,533.0	R 1,533.6	—	R 1,533.6
1997	—	R 2.9	4.8	R 435.7	47.5	2.5	23.3	1,103.9	—	R 1,617.7	R 1,620.6	—	R 1,620.6
1998	—	R 0.3	2.5	R 412.6	44.4	(s)	25.9	971.6	—	R 1,456.9	R 1,457.3	—	R 1,457.3
1999	—	R 0.5	3.1	R 430.9	63.8	0.6	23.0	1,084.6	—	R 1,605.9	R 1,606.4	—	R 1,606.4
2000	—	R 0.5	R 4.0	R 580.9	116.8	0.8	24.3	1,296.3	—	R 2,023.1	R 2,023.7	—	R 2,023.7
2001	—	0.8	4.4	579.2	102.2	1.8	23.5	1,226.0	—	1,937.2	1,938.1	—	1,938.1

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, New Mexico (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.14	0.30	0.23	0.27	—	0.23	—	—	—	—	0.20
1975	0.23	0.69	1.70	1.89	—	1.70	—	—	—	—	0.45
1980	0.56	2.47	3.70	6.53	—	5.21	—	—	—	—	1.02
1985	1.09	3.48	3.71	6.20	—	4.98	—	—	—	—	1.33
1986	1.13	3.31	1.65	3.79	—	2.69	—	—	—	—	1.31
1987	1.21	2.36	2.14	4.47	—	3.58	—	—	—	—	1.29
1988	1.18	2.14	1.97	4.22	—	3.17	—	—	—	—	1.25
1989	1.24	2.13	2.74	4.98	—	3.99	—	—	—	—	1.32
1990	1.32	1.91	3.09	6.22	—	4.70	—	0.46	—	—	1.37
1991	1.38	1.70	3.86	5.35	—	5.11	—	0.50	—	—	1.42
1992	1.32	1.95	3.23	5.16	—	5.10	—	0.51	—	—	1.38
1993	1.37	2.19	3.55	5.06	—	5.03	—	0.55	—	—	1.45
1994	1.41	1.95	3.22	4.65	—	4.63	—	0.56	—	—	1.47
1995	1.42	1.55	2.99	4.90	—	4.87	—	0.70	—	—	1.43
1996	1.43	2.28	3.97	5.87	—	5.85	—	0.59	—	—	1.53
1997	1.34	2.59	4.09	5.75	—	5.73	—	0.50	—	—	1.49
1998	1.31	2.20	—	4.39	—	4.39	—	0.61	—	—	1.43
1999	1.33	2.28	—	5.02	—	5.02	—	0.67	—	—	1.45
2000	1.38	3.88	—	7.59	—	7.59	—	0.67	3.04	—	1.72
2001	1.47	4.15	5.50	6.31	—	6.20	—	0.47	—	—	1.85
	Expenditures in Million Nominal Dollars										
1970	14.2	17.7	0.1	(s)	—	0.1	—	—	—	—	32.0
1975	30.0	46.8	18.2	0.4	—	18.6	—	—	—	—	95.4
1980	112.8	142.9	4.1	8.2	—	12.3	—	—	—	—	268.0
1985	290.9	99.1	0.9	1.6	—	2.6	—	—	—	—	392.6
1986	271.3	69.5	0.4	0.9	—	1.4	—	—	—	—	342.2
1987	313.5	44.6	0.4	1.4	—	1.8	—	—	—	—	359.9
1988	311.3	46.2	0.5	1.3	—	1.8	—	—	—	—	359.3
1989	345.1	60.2	0.6	1.4	—	2.0	—	—	—	—	407.4
1990	362.0	50.3	0.6	1.3	—	2.0	—	0.1	—	—	414.3
1991	321.0	48.7	0.3	1.8	—	2.0	—	0.1	—	—	371.8
1992	352.1	44.8	(s)	2.1	—	2.2	—	0.1	—	—	399.1
1993	367.7	61.9	(s)	2.1	—	2.1	—	0.1	—	—	431.8
1994	389.9	64.2	(s)	1.3	—	1.3	—	0.1	—	—	455.4
1995	387.4	50.4	(s)	1.2	—	1.3	—	0.1	—	—	439.2
1996	396.1	79.9	(s)	1.5	—	1.5	—	0.1	—	—	477.6
1997	383.0	104.4	(s)	1.4	—	1.4	—	(s)	—	—	488.9
1998	376.8	99.8	—	1.2	—	1.2	—	0.1	—	—	477.8
1999	393.8	97.8	—	2.1	—	2.1	—	0.1	—	—	493.8
2000	418.3	180.3	—	3.0	—	3.0	—	0.1	(s)	—	601.6
2001	435.1	199.6	0.3	2.2	—	2.6	—	0.1	—	—	637.4

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, New York

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	0.58	0.49	0.51	1.07	1.24	0.72	2.24	2.92	0.43	1.53	1.36	0.20	0.96	1.17	0.42	6.70	1.81
1975	2.14	1.26	1.52	2.16	2.66	2.02	3.99	4.80	1.93	3.00	2.96	0.31	1.13	2.59	R 1.54	14.04	4.10
1980	2.38	1.55	1.77	4.10	6.78	6.27	7.43	10.26	4.10	7.11	6.94	0.56	1.89	5.41	R 2.74	19.64	8.01
1985	1.88	1.79	1.80	5.94	R 7.87	6.51	R 11.58	8.79	4.38	R 7.40	R 7.39	0.67	2.01	R 5.87	R 2.79	26.95	R 10.24
1986	1.76	1.69	1.70	5.65	6.14	4.42	R 10.66	6.60	2.61	R 6.02	R 5.36	0.61	1.76	R 4.76	R 2.05	26.04	R 8.93
1987	1.59	1.60	1.60	5.06	R 6.02	4.55	R 10.28	6.99	3.10	R 5.58	R 5.66	0.63	1.70	R 4.76	R 2.24	25.54	R 8.84
1988	1.61	1.61	1.61	5.09	R 6.02	4.15	R 10.15	7.16	2.52	R 5.01	R 5.36	0.57	1.71	R 4.54	R 1.96	25.07	R 8.81
1989	1.67	1.61	1.62	5.38	R 6.58	4.70	R 11.14	7.82	2.99	R 5.36	R 5.97	0.65	R e 1.28	e 4.91	R 2.10	26.06	R e 9.54
1990	1.71	1.64	1.65	R 5.23	R 8.08	6.03	R 12.88	8.83	R 3.63	R 5.80	R 7.08	0.65	R 1.55	R 5.43	R 2.17	27.49	R 10.42
1991	1.72	1.63	1.64	R 5.13	R 7.86	5.18	R 13.69	9.44	2.73	R 5.44	R 7.10	0.55	R 1.58	R 5.27	1.75	28.66	R 10.66
1992	1.73	R 1.53	R 1.55	R 5.33	R 7.41	4.84	R 13.08	9.28	2.71	R 5.12	R 7.13	0.45	R 1.41	R 5.32	R 1.68	29.85	R 10.61
1993	1.73	R 1.53	R 1.55	R 5.79	R 7.28	4.47	R 12.26	9.04	2.69	R 5.24	R 7.04	0.57	R 1.83	R 5.42	R 1.74	31.41	R 10.87
1994	1.73	R 1.49	R 1.52	R 5.82	R 7.17	4.14	R 12.99	9.16	2.77	R 5.35	R 7.20	0.53	R 2.27	R 5.44	R 1.70	31.97	R 11.16
1995	1.72	R 1.46	R 1.49	R 5.04	R 7.09	4.04	12.90	9.57	R 3.00	R 5.70	R 7.62	0.54	R 2.12	R 5.38	R 1.67	32.39	R 11.12
1996	1.69	R 1.46	1.49	R 6.02	R 7.92	4.88	R 13.51	9.93	3.53	R 5.99	R 7.91	0.53	R 1.53	R 5.76	R 1.75	32.58	R 11.30
1997	R 1.72	R 1.46	R 1.49	R 5.90	R 7.70	4.53	13.44	10.04	3.07	R 5.86	R 7.91	R 0.47	R 1.60	R 5.77	R 1.78	32.61	R 11.29
1998	R 1.55	R 1.43	R 1.44	R 5.52	R 6.75	3.40	R 12.04	8.56	2.11	R 4.57	R 6.52	R 0.51	R 1.63	R 5.01	R 1.60	31.38	R 10.46
1999	R 1.62	R 1.44	R 1.46	R 5.28	R 7.04	4.23	12.52	9.57	R 2.49	R 4.87	R 7.25	R 0.51	R 1.57	R 5.20	R 1.73	29.16	R 10.55
2000	R 1.66	R 1.51	R 1.52	R 7.18	R 10.38	6.90	R 16.02	12.87	R 4.33	R 7.20	R 10.11	R 0.48	R 2.20	R 7.23	R 2.62	33.36	R 13.16
2001	1.73	1.44	1.47	8.24	9.28	5.79	16.75	11.53	3.60	6.34	9.06	0.43	1.98	6.96	2.15	34.09	13.41
	Expenditures in Million Nominal Dollars																
1970	96.4	211.8	308.2	771.3	803.3	155.5	37.2	2,005.9	409.7	199.0	3,610.6	9.2	12.6	R 4,718.4	R -341.9	2,001.7	6,378.2
1975	197.8	276.1	473.9	1,255.2	1,626.9	441.7	70.3	3,368.0	1,740.1	367.9	7,614.9	44.9	14.6	R 9,422.2	R -1,345.5	4,580.2	12,656.9
1980	197.6	357.1	554.7	3,087.1	2,862.3	1,275.3	139.0	6,865.7	2,964.1	789.3	14,895.6	118.3	70.0	R 18,843.4	R -2,544.9	7,042.1	23,340.6
1985	58.5	R 483.5	R 542.0	4,637.2	R 3,105.9	139.0	R 205.5	6,298.5	1,827.8	R 920.2	R 12,496.8	172.1	R 58.1	R 18,284.4	R -2,695.6	10,362.3	R 25,951.1
1986	58.1	R 373.2	R 431.3	4,213.2	R 2,736.5	91.8	R 189.3	4,740.1	1,308.1	R 665.9	R 9,731.8	143.3	R 50.6	R 14,904.8	R -1,890.5	10,209.4	R 23,223.7
1987	61.6	R 408.5	R 470.2	3,999.6	R 2,848.8	72.8	R 205.5	5,246.2	1,495.6	R 690.8	R 10,559.6	149.9	R 46.9	R 15,552.5	R -2,239.3	10,319.3	R 23,632.5
1988	72.6	R 463.8	R 536.4	4,090.8	R 2,928.0	113.6	R 192.8	4,909.1	1,398.8	R 704.5	R 10,246.8	146.3	R 49.1	R 15,322.5	R -2,143.8	10,698.8	R 23,877.6
1989	74.1	R 514.2	R 588.3	R 4,630.4	R 3,144.6	158.9	R 226.7	5,482.9	R 1,588.6	R 621.4	R 11,223.1	157.0	R e 67.5	R e 16,768.5	R -2,424.4	11,344.4	R e 25,688.5
1990	62.2	R 515.1	R 577.3	R 4,628.8	R 3,472.4	183.5	R 259.4	6,456.3	R 1,749.3	R 633.5	R 12,754.4	163.2	R 112.1	R 18,251.8	R -2,434.9	12,080.9	R 27,897.9
1991	56.6	R 519.4	R 576.0	R 4,669.0	R 3,116.5	153.0	R 356.4	6,613.1	R 1,161.8	R 614.0	R 12,014.8	165.3	R 112.2	R 17,586.4	R -1,962.3	12,655.0	R 28,279.1
1992	53.4	R 498.0	R 551.3	R 5,478.3	R 3,138.9	144.6	R 335.5	6,292.9	R 872.9	R 606.4	R 11,391.2	114.9	R 113.2	R 17,696.5	R -1,717.2	13,083.8	R 29,063.0
1993	57.7	R 448.4	R 506.1	R 5,880.3	R 3,089.2	128.2	R 271.3	6,254.5	R 807.3	R 644.7	R 11,195.2	161.1	R 147.8	R 17,967.2	R -1,709.8	13,949.8	R 30,207.2
1994	61.7	R 418.9	R 480.6	R 6,330.5	R 3,057.8	133.8	R 299.9	6,144.8	R 699.4	R 646.3	R 10,982.0	161.0	R 197.2	R 18,330.9	R -1,782.3	14,308.3	R 30,856.9
1995	63.8	R 390.2	R 454.0	R 6,486.4	R 2,905.0	176.4	R 296.0	6,622.4	R 568.8	R 661.5	R 11,230.2	150.7	R 192.1	R 18,636.7	R -1,841.6	14,419.8	R 31,214.9
1996	61.0	R 402.6	R 463.6	R 7,354.8	R 3,318.7	319.2	R 345.3	6,786.7	R 812.6	R 987.1	R 12,569.6	194.7	R 148.4	R 20,825.2	R -1,921.1	14,620.5	R 33,524.7
1997	R 61.0	R 423.9	R 484.9	R 7,968.4	R 3,186.7	311.4	R 325.0	6,852.9	R 578.6	R 1,022.3	R 12,276.8	R 144.6	R 183.7	R 21,089.2	R -1,990.5	14,681.9	R 33,780.6
1998	R 54.8	R 431.1	R 485.9	R 6,954.4	R 2,538.5	285.1	R 317.9	5,866.8	R 473.2	R 889.7	R 10,371.1	R 166.6	R 172.6	R 18,167.6	R -1,875.6	14,043.4	R 30,335.4
1999	54.1	R 408.7	R 462.9	R 6,869.5	R 2,952.9	218.8	331.3	6,665.7	R 553.1	R 938.0	R 11,659.8	R 197.7	R 176.4	R 19,388.4	R -2,172.6	13,868.3	R 31,084.1
2000	R 51.1	R 452.9	R 504.0	R 9,133.7	R 4,779.6	372.1	R 569.0	8,903.9	R 1,153.4	R 1,306.3	R 17,084.3	R 159.0	R 258.2	R 27,225.6	R -3,129.4	16,166.6	R 40,262.8
2001	50.1	412.3	462.5	9,888.9	4,480.1	481.3	430.4	8,031.5	840.2	1,110.3	15,373.8	180.7	204.3	26,190.1	-2,735.8	16,448.9	39,903.2

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, New York

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.43	1.37	1.43	1.56	2.70	1.48	0.40	1.42	8.83	2.18
1975	2.78	2.50	2.81	3.28	4.48	2.89	0.79	2.68	16.44	4.37
1980	3.26	4.85	7.08	8.49	9.12	7.22	2.02	5.64	23.08	8.19
1985	3.61	7.54	8.35	8.92	11.12	R 8.53	R 2.29	R 7.75	31.84	R 11.63
1986	3.39	7.26	6.83	7.90	9.96	R 7.04	1.83	R 6.99	30.86	R 10.77
1987	3.27	6.68	6.39	6.80	9.64	R 6.58	R 1.75	R 6.49	30.81	R 10.36
1988	3.29	6.32	6.47	6.31	9.53	R 6.61	1.76	R 6.31	30.67	R 10.23
1989	3.36	R 7.02	7.18	5.41	11.54	R 7.32	1.95	R 6.99	32.03	R 11.14
1990	3.59	7.19	8.44	6.83	13.64	R 8.73	2.83	R 7.52	33.54	R 12.29
1991	3.44	R 7.15	8.35	6.23	14.59	R 8.79	R 2.71	R 7.48	35.09	R 12.67
1992	3.21	R 7.36	7.71	5.80	14.43	R 8.21	R 2.48	R 7.40	36.43	R 12.39
1993	3.25	7.92	7.51	5.56	13.35	R 7.87	2.42	R 7.60	38.61	R 13.09
1994	3.29	R 8.51	7.24	5.62	14.56	R 7.77	2.35	R 7.95	39.72	R 13.64
1995	3.18	R 8.17	7.16	5.38	14.27	R 7.71	2.30	R 7.67	40.73	R 13.67
1996	3.38	R 8.67	7.97	6.03	14.93	R 8.51	2.64	R 8.27	41.14	13.98
1997	3.57	9.48	7.99	6.26	15.02	R 8.46	2.62	8.60	41.38	R 14.42
1998	3.25	R 9.31	7.11	4.44	13.85	7.53	R 2.27	8.19	40.03	R 14.30
1999	3.21	R 8.87	7.27	5.45	14.06	7.73	2.34	8.00	38.78	13.83
2000	3.02	R 9.55	10.81	9.44	17.74	R 11.38	3.51	R 9.73	40.95	R 15.10
2001	3.42	11.37	10.22	8.74	18.58	10.72	3.35	10.61	41.22	16.18
	Expenditures in Million Nominal Dollars									
1970	12.6	484.5	501.4	49.4	28.3	579.2	2.5	1,078.8	768.0	1,846.7
1975	8.0	830.2	914.6	69.6	51.2	1,035.4	5.1	1,878.8	1,610.5	3,489.3
1980	5.7	1,654.8	1,554.5	82.9	84.1	1,721.5	56.6	3,438.6	2,408.8	5,847.4
1985	R 8.2	2,478.1	R 1,682.5	162.8	129.3	R 1,974.6	43.0	R 4,504.0	3,558.6	R 8,062.6
1986	R 8.9	2,511.7	R 1,511.2	98.9	118.9	R 1,729.0	R 33.6	R 4,283.2	3,556.3	R 7,839.5
1987	R 7.1	2,300.8	R 1,539.7	123.9	135.2	R 1,798.8	29.9	R 4,136.7	3,709.8	R 7,846.5
1988	R 5.7	2,322.2	R 1,571.9	148.9	129.4	R 1,850.2	31.4	R 4,209.5	3,920.1	R 8,129.5
1989	R 5.4	2,633.2	R 1,618.2	85.0	167.1	R 1,870.2	36.0	R 4,544.9	4,140.1	R 8,685.0
1990	R 4.9	2,501.1	R 1,548.9	68.4	201.6	R 1,818.9	79.7	R 4,404.6	4,414.1	R 8,818.7
1991	R 4.3	2,490.9	R 1,408.1	74.1	266.3	R 1,748.5	R 80.4	R 4,324.2	4,689.9	R 9,014.1
1992	R 3.9	2,870.5	R 1,461.7	41.2	259.7	R 1,762.6	R 77.4	R 4,714.4	4,812.9	R 9,527.3
1993	R 3.3	3,131.4	R 1,338.7	49.3	206.6	R 1,594.7	80.8	R 4,810.2	5,255.7	R 10,065.9
1994	2.3	3,372.3	R 1,256.1	44.5	230.3	R 1,530.8	R 77.0	R 4,982.4	5,434.6	R 10,417.0
1995	2.3	3,157.5	R 1,194.0	37.9	233.6	R 1,465.5	83.7	R 4,709.0	5,543.7	R 10,252.7
1996	R 2.9	R 3,589.1	R 1,404.1	49.6	266.3	R 1,720.0	R 95.7	R 5,407.6	5,654.4	R 11,062.0
1997	2.5	3,655.0	R 1,366.1	61.9	237.7	R 1,665.7	R 133.6	R 5,456.8	5,656.4	R 11,113.2
1998	1.3	3,255.9	R 1,103.0	47.0	216.4	R 1,366.4	R 104.8	R 4,728.5	5,496.5	R 10,224.9
1999	R 1.8	3,380.9	R 1,199.8	72.0	238.5	R 1,510.3	115.4	R 5,008.3	5,679.6	R 10,688.0
2000	R 0.9	R 3,946.2	R 2,219.0	R 125.5	397.5	R 2,742.0	R 181.2	R 6,870.3	6,009.8	R 12,880.1
2001	1.1	4,420.1	2,173.2	118.4	315.4	2,607.0	147.5	7,175.6	6,195.1	13,370.8

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, New York

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.48	1.17	1.14	0.73	1.45	2.92	0.42	0.67	0.40	0.80	7.80	1.98
1975	1.36	1.97	2.48	2.51	3.09	4.80	1.90	2.19	0.79	2.11	16.57	5.41
1980	1.67	4.17	6.48	5.68	5.79	10.26	4.18	5.09	2.02	4.68	23.21	9.22
1985	1.92	5.95	6.79	8.92	12.43	8.79	4.64	R 5.87	2.29	R 5.81	30.86	R 13.48
1986	1.74	5.61	4.88	7.90	12.08	6.60	2.92	R 4.03	1.83	R 4.62	29.62	R 11.80
1987	1.76	5.02	4.90	6.80	11.75	6.99	3.22	R 4.18	1.75	R 4.49	27.96	R 11.61
1988	1.71	5.24	4.75	6.31	11.66	7.16	2.67	R 3.83	1.76	R 4.44	27.13	R 11.45
1989	1.75	R 5.47	5.28	5.41	10.12	7.82	3.12	R 4.41	1.95	R 4.88	27.99	R 12.11
1990	1.76	5.43	6.54	6.83	10.74	8.83	3.75	R 5.21	2.78	R 5.26	29.44	R 12.85
1991	1.74	R 5.32	6.01	6.23	11.53	9.44	2.83	R 4.47	2.68	R 4.85	30.31	R 12.93
1992	1.75	5.59	5.47	5.80	9.88	9.28	2.89	R 4.35	2.45	R 4.94	31.48	R 13.07
1993	1.67	R 5.98	5.29	5.56	9.70	9.04	2.88	R 4.12	2.40	R 5.04	32.87	R 13.55
1994	1.67	R 6.33	5.15	5.62	10.87	9.16	3.08	R 4.22	2.23	5.29	32.98	R 13.98
1995	1.67	R 5.92	5.06	5.38	10.62	9.57	3.34	R 4.39	1.89	R 5.18	33.57	R 14.56
1996	1.60	R 6.70	6.01	6.03	11.86	9.93	4.04	5.25	2.19	R 6.01	33.99	R 15.03
1997	1.65	R 6.33	5.50	6.26	11.39	10.04	3.44	4.81	2.37	5.75	34.22	R 14.44
1998	R 1.37	R 5.90	4.39	4.44	10.10	8.56	2.38	R 3.86	2.05	5.30	32.79	R 13.87
1999	R 1.34	5.01	4.71	5.45	10.29	9.57	2.78	R 4.23	1.98	R 4.73	29.03	R 12.24
2000	R 1.60	R 7.53	7.96	9.44	13.21	12.87	4.60	R 6.91	2.94	R 7.26	35.50	R 15.89
2001	1.56	9.30	6.75	8.74	13.97	11.53	4.07	6.20	2.46	8.26	36.24	17.05
	Expenditures in Million Nominal Dollars											
1970	3.3	166.0	135.5	2.6	2.7	16.1	113.8	270.8	(s)	440.1	872.8	1,312.8
1975	9.2	256.7	273.8	6.0	6.2	29.3	340.7	656.0	0.1	922.1	2,139.2	3,061.3
1980	11.0	690.4	546.7	5.4	9.4	55.7	668.1	1,285.4	1.4	1,988.3	3,205.2	5,193.5
1985	R 15.5	1,010.8	R 523.0	43.6	25.5	88.3	486.6	R 1,167.0	1.1	R 2,194.4	5,139.5	R 7,333.9
1986	R 15.2	966.2	R 522.2	10.2	25.5	64.3	367.0	R 989.1	1.0	R 1,971.6	5,096.1	R 7,067.8
1987	R 12.8	864.3	R 482.3	12.3	29.1	50.3	384.0	R 958.0	1.0	R 1,836.1	4,985.5	R 6,821.6
1988	R 10.4	1,013.5	R 466.0	7.4	27.9	41.5	305.3	R 848.2	1.1	R 1,873.2	5,119.6	R 6,992.8
1989	R 10.7	1,103.7	R 528.9	15.9	25.8	55.4	R 308.7	R 934.8	1.3	R 2,050.4	5,353.2	R 7,403.6
1990	R 9.5	1,090.0	R 587.1	10.4	28.0	55.7	R 410.4	R 1,091.7	5.1	R 2,196.3	5,628.6	R 7,824.9
1991	R 9.9	1,091.8	R 516.7	7.5	37.1	35.5	R 302.3	R 899.1	5.2	R 2,006.0	5,833.0	R 7,839.0
1992	R 9.7	1,249.0	R 515.3	13.4	31.4	33.2	R 286.6	R 880.0	5.1	R 2,143.8	6,023.1	R 8,166.9
1993	R 7.8	1,359.7	R 496.7	19.4	26.5	9.4	R 313.6	R 865.7	6.5	R 2,239.6	6,437.9	R 8,677.6
1994	6.6	1,453.4	R 487.1	17.2	30.3	8.6	R 311.4	R 854.7	6.7	R 2,321.3	6,616.5	R 8,937.9
1995	8.0	1,411.2	R 463.2	21.8	30.7	10.4	R 284.8	R 810.9	7.5	R 2,237.6	7,160.1	R 9,397.7
1996	9.9	1,741.2	R 543.4	25.7	37.3	10.4	R 324.6	R 941.4	9.1	R 2,701.6	7,266.5	R 9,968.1
1997	9.3	2,085.6	R 459.0	28.4	31.8	10.2	R 218.5	R 748.0	15.8	R 2,858.6	7,476.1	R 10,334.7
1998	R 4.6	2,038.9	R 305.0	24.7	27.9	9.5	R 101.4	R 468.3	13.7	R 2,525.5	7,077.2	R 9,602.7
1999	R 5.4	1,855.0	R 382.6	21.1	30.8	10.0	R 130.0	R 574.4	15.5	R 2,450.3	6,732.2	R 9,182.5
2000	R 3.7	R 2,842.9	R 701.1	R 50.8	52.2	13.5	R 272.7	R 1,090.3	23.2	R 3,960.0	8,529.7	R 12,489.7
2001	4.0	3,337.1	663.0	43.3	41.9	13.1	184.1	945.4	18.2	4,304.7	8,656.4	12,961.0

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, New York

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	0.58	0.48	0.53	0.68	0.70	0.70	0.73	1.45	5.08	2.92	0.49	1.21	0.81	1.49	0.70	3.51	0.97
1975	2.14	1.36	1.82	1.47	1.84	2.36	2.51	3.09	7.48	4.80	2.01	2.75	2.36	1.49	2.05	7.97	2.84
1980	2.38	1.67	2.08	3.43	3.67	5.36	5.68	5.79	14.36	10.26	3.78	7.32	5.36	1.45	3.95	12.11	5.36
1985	1.88	1.92	1.91	5.13	4.81	6.14	6.91	12.43	17.61	8.79	4.64	R 6.57	R 6.19	1.45	R 4.70	15.34	R 6.89
1986	1.76	1.74	1.75	4.78	4.34	4.12	4.88	12.08	15.59	6.60	2.92	R 4.40	R 4.65	1.62	R 3.89	14.43	R 6.22
1987	1.59	1.76	1.68	4.16	3.73	4.64	4.65	11.75	13.58	6.99	3.22	R 4.57	R 4.71	1.62	R 3.74	14.74	R 6.11
1988	1.61	1.71	1.66	4.56	3.18	4.27	4.44	11.66	14.62	7.16	2.67	R 3.86	R 4.19	1.62	R 3.57	14.47	R 5.95
1989	1.67	1.75	1.71	R 4.70	2.81	4.74	5.28	10.12	14.48	7.82	3.12	R 4.60	R 4.72	R d 1.30	R d 3.79	15.52	R d 6.50
1990	1.71	1.76	R 1.74	4.72	2.96	6.78	6.46	10.74	14.60	8.83	3.75	R 5.28	R 5.32	R 1.02	R 4.12	16.95	R 7.16
1991	1.72	1.74	1.73	R 4.59	2.76	5.60	5.80	11.53	16.80	9.44	2.83	R 4.74	R 4.96	R 1.21	R 3.98	18.07	R 7.24
1992	1.73	1.75	R 1.74	4.79	2.30	5.51	4.88	9.88	18.32	9.28	2.89	R 4.42	R 4.60	R 1.20	R 4.06	19.06	R 7.29
1993	1.73	1.67	R 1.70	R 5.02	2.81	5.07	4.84	9.70	18.96	9.04	2.88	R 4.33	R 4.53	R 1.20	R 4.08	19.53	R 7.29
1994	1.73	1.67	R 1.70	5.08	2.74	5.08	5.15	8.64	19.11	9.16	3.08	R 4.28	R 4.63	R 1.28	R 4.17	19.86	R 7.30
1995	1.72	1.67	R 1.69	R 4.55	3.19	4.84	4.46	8.57	19.41	9.57	3.34	R 4.61	R 4.99	R 1.36	R 4.14	16.97	R 6.24
1996	1.69	1.60	R 1.64	4.91	3.49	5.88	5.72	9.09	20.08	9.93	4.04	R 5.28	R 5.54	R 1.30	R 4.56	16.48	R 6.37
1997	R 1.72	1.65	R 1.69	4.92	4.07	5.39	5.24	10.04	17.98	10.04	3.44	R 5.04	R 5.47	R 1.29	R 4.54	15.23	R 6.13
1998	R 1.55	R 1.37	R 1.45	R 3.90	3.77	4.18	4.01	9.34	19.07	8.56	2.38	R 3.25	R 4.20	R 1.51	R 3.58	14.50	R 5.25
1999	R 1.62	R 1.34	R 1.47	3.79	3.08	4.67	4.63	9.53	16.75	9.57	2.78	R 4.17	R 4.62	R 1.59	R 3.73	13.89	R 5.58
2000	R 1.66	R 1.60	R 1.63	R 5.95	4.18	7.59	8.26	12.90	17.99	12.87	4.60	R 6.65	R 6.92	R 1.58	R 5.44	15.75	R 7.35
2001	1.73	1.56	1.63	7.47	3.95	6.61	6.73	12.76	19.00	11.53	4.07	5.28	6.02	1.72	5.37	16.16	7.41
	Expenditures in Million Nominal Dollars																
1970	96.4	68.1	164.5	80.0	26.0	68.8	3.3	5.6	30.9	50.3	103.2	47.2	335.4	10.1	589.9	322.1	912.0
1975	197.8	85.5	283.3	156.0	69.9	216.9	14.8	11.4	45.3	34.1	276.6	114.4	783.4	9.4	1,232.1	734.6	1,966.7
1980	197.6	106.6	304.2	398.4	121.3	289.8	13.4	43.8	89.5	82.7	337.3	369.4	1,347.2	11.9	2,061.7	1,318.1	3,379.8
1985	58.5	122.3	180.8	526.2	230.1	R 192.4	48.5	43.9	99.8	56.6	162.0	R 220.7	R 1,054.0	13.9	R 1,774.9	1,500.4	R 3,275.3
1986	58.1	84.8	142.9	425.4	185.3	R 84.1	17.2	40.0	86.4	43.4	110.9	R 167.4	R 734.9	16.0	R 1,319.1	1,383.9	R 2,702.9
1987	61.6	79.7	141.3	398.7	162.0	R 118.9	16.5	37.3	85.1	47.2	90.1	R 198.0	R 755.2	15.9	R 1,311.2	1,416.4	R 2,727.5
1988	72.6	78.3	150.9	412.8	168.7	R 105.3	22.5	30.0	88.3	53.0	69.0	R 173.3	R 710.1	16.5	R 1,290.3	1,460.6	R 2,751.0
1989	74.1	86.6	R 160.8	449.8	92.7	R 117.5	45.1	27.8	89.8	57.1	R 70.4	R 196.2	R 696.6	R d 15.7	R d 1,322.9	1,632.7	R d 2,955.7
1990	62.2	80.7	R 142.9	473.7	108.4	R 160.0	9.1	23.6	93.1	53.1	R 94.1	R 243.8	R 785.4	R 14.1	R 1,416.1	1,815.7	R 3,231.8
1991	56.6	85.8	R 142.4	561.4	117.0	R 114.9	11.0	46.1	95.9	54.4	R 42.1	R 206.3	R 687.8	R 11.6	R 1,403.2	1,917.9	R 3,321.0
1992	53.4	70.7	R 124.1	727.3	105.4	R 116.3	5.6	39.1	106.6	54.1	R 55.6	R 220.6	R 703.4	R 11.5	R 1,566.2	2,017.4	R 3,583.6
1993	57.7	71.7	R 129.4	R 733.1	150.3	R 127.5	6.6	33.6	112.3	46.7	R 70.0	R 187.8	R 734.8	R 11.4	R 1,608.8	2,011.6	R 3,620.4
1994	61.7	65.8	R 127.5	R 840.2	135.3	R 101.0	10.4	29.8	118.4	51.7	R 61.3	R 194.1	R 701.8	R 14.0	R 1,683.5	1,996.3	R 3,679.9
1995	63.8	59.0	R 122.8	R 1,001.1	149.7	R 86.5	10.3	27.4	118.1	56.2	R 41.8	R 198.0	R 688.1	R 15.5	R 1,827.5	1,466.0	R 3,293.4
1996	61.0	58.1	R 119.1	R 1,081.8	143.1	R 104.6	22.1	37.5	118.6	57.7	R 62.3	R 501.9	R 1,047.8	R 19.6	R 2,268.3	1,459.4	R 3,727.7
1997	R 61.0	R 61.6	R 122.6	R 1,039.0	171.1	R 91.8	10.7	52.4	112.2	61.4	R 42.5	R 518.6	R 1,060.7	R 20.4	R 2,242.7	1,314.0	R 3,556.7
1998	R 54.8	R 54.4	R 109.2	R 691.6	165.7	R 73.4	11.6	57.0	124.6	46.0	R 28.0	R 376.2	R 882.4	R 19.9	R 1,703.1	1,241.4	R 2,944.5
1999	54.1	R 51.1	R 105.3	R 396.1	128.3	R 93.6	2.0	61.1	110.5	44.9	R 28.4	R 482.8	R 951.6	R 22.6	R 1,475.5	1,224.5	R 2,700.0
2000	R 51.1	R 68.6	R 119.7	R 592.6	163.1	R 145.2	R 7.0	107.4	117.0	62.4	R 58.0	R 716.4	R 1,376.5	R 26.1	R 2,114.9	1,388.6	R 3,503.5
2001	50.1	65.9	116.0	651.7	155.2	114.7	6.9	71.9	113.2	104.6	39.5	542.1	1,148.1	20.0	1,935.7	1,361.4	3,297.1

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.

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

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

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, New York

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.48	—	2.17	1.44	0.72	1.45	5.08	2.92	0.37	2.12	2.12	4.82	2.14
1975	1.36	—	3.45	2.84	2.01	3.09	7.48	4.80	1.67	3.95	3.95	13.66	4.02
1980	—	—	9.02	7.45	6.27	5.79	14.36	10.26	3.53	8.82	8.82	15.02	8.87
1985	—	—	9.99	8.48	6.51	R 12.90	17.61	8.79	4.08	8.74	8.74	19.65	8.85
1986	—	—	8.41	6.59	4.42	R 12.55	15.59	6.60	2.27	6.56	6.56	19.51	6.70
1987	—	—	7.55	6.74	4.55	R 12.20	13.58	6.99	2.84	6.90	6.90	22.59	R 7.06
1988	—	—	7.41	6.78	4.15	R 12.11	14.62	7.16	2.18	6.96	6.96	21.39	7.12
1989	—	—	8.28	7.36	4.70	R 10.51	14.48	7.82	2.63	7.67	7.67	22.65	7.84
1990	—	4.57	9.32	8.99	6.03	R 11.16	14.60	8.83	3.13	8.75	8.75	23.33	8.90
1991	—	4.56	8.71	9.06	5.18	R 11.97	16.80	9.44	2.38	9.10	R 9.10	23.12	9.24
1992	—	R 5.31	8.54	8.89	4.84	R 10.26	18.32	9.28	2.33	R 8.95	8.94	25.54	9.12
1993	—	R 4.32	8.24	9.04	4.47	R 10.07	18.96	9.04	2.29	8.80	8.80	26.78	8.99
1994	—	3.54	7.96	9.25	4.14	R 9.20	19.11	9.16	2.40	8.90	8.90	27.28	9.11
1995	—	2.07	8.36	9.02	4.04	R 8.83	19.41	9.57	2.66	9.17	9.17	26.59	R 9.36
1996	—	5.33	9.29	9.67	4.88	R 9.28	20.08	9.93	3.15	9.30	9.30	26.75	9.47
1997	—	R 4.03	9.39	9.29	4.53	R 9.26	17.98	10.04	R 2.79	R 9.32	R 9.32	26.88	9.48
1998	—	R 6.47	8.11	8.20	3.40	R 8.64	19.07	8.56	1.94	R 7.94	R 7.94	25.94	R 8.11
1999	—	5.00	8.81	8.80	4.23	R 10.37	16.75	9.57	R 2.47	R 8.91	R 8.91	25.62	R 9.07
2000	—	R 5.66	R 10.87	11.92	6.90	R 14.03	17.99	12.87	R 4.10	R 11.94	R 11.94	25.39	R 12.07
2001	—	6.47	11.01	10.52	5.79	14.23	19.00	11.53	3.17	10.74	10.73	26.14	10.88
	Expenditures in Million Nominal Dollars												
1970	0.2	—	2.7	89.5	155.5	0.6	36.9	1,939.4	43.0	2,267.6	2,267.8	38.9	2,306.7
1975	(s)	—	4.8	173.7	423.1	1.4	43.1	3,304.6	93.0	4,043.7	4,043.8	95.9	4,139.6
1980	—	—	14.6	447.5	1,274.5	1.7	92.7	6,727.2	251.7	8,809.9	8,809.9	110.0	8,919.9
1985	—	—	11.1	R 678.8	139.0	R 6.8	103.4	6,153.6	22.7	R 7,115.5	R 7,115.5	163.7	R 7,279.3
1986	—	—	10.9	R 589.1	91.8	R 4.9	89.5	4,632.4	21.8	R 5,440.4	R 5,440.4	173.2	R 5,613.5
1987	—	—	4.8	R 672.2	72.8	R 3.9	88.2	5,148.6	38.9	R 6,029.3	R 6,029.3	207.6	R 6,236.9
1988	—	—	3.9	R 734.8	113.6	R 5.4	91.5	4,814.5	42.0	R 5,805.7	R 5,805.7	198.6	R 6,004.3
1989	—	—	3.7	R 785.1	158.9	R 5.9	93.0	5,370.5	R 8.7	R 6,425.9	R 6,425.9	218.4	R 6,644.2
1990	—	(s)	3.6	R 1,136.0	183.5	R 6.1	96.5	6,347.5	R 26.7	R 7,800.0	R 7,800.0	222.5	R 8,022.5
1991	—	0.1	2.9	R 1,046.5	153.0	R 6.8	99.3	6,523.2	R 59.0	R 7,890.6	R 7,890.7	214.2	R 8,104.9
1992	—	R 0.7	3.2	R 1,031.1	144.6	R 5.3	110.4	6,205.5	R 54.0	R 7,554.2	R 7,554.9	230.4	R 7,785.3
1993	—	R 0.7	2.5	R 1,101.7	128.2	R 4.6	116.3	6,198.4	R 46.3	R 7,598.1	R 7,598.8	244.5	R 7,843.3
1994	—	R 0.6	4.0	R 1,159.3	133.8	R 9.6	122.6	6,084.4	R 47.0	R 7,560.7	R 7,561.3	260.8	R 7,822.2
1995	—	R 0.5	3.2	R 1,119.4	176.4	R 4.4	122.4	6,555.8	R 38.8	R 8,020.5	R 8,021.0	250.1	R 8,271.1
1996	—	R 1.8	3.1	R 1,229.2	319.2	R 4.1	122.9	6,718.6	R 127.8	R 8,524.8	R 8,526.6	240.2	R 8,766.8
1997	—	R 0.3	3.2	R 1,235.5	311.4	R 3.0	116.2	6,781.2	R 89.7	R 8,540.2	R 8,540.5	235.4	R 8,775.9
1998	—	R 4.1	9.7	R 1,029.9	285.1	R 16.6	129.0	5,811.4	R 49.1	R 7,330.8	R 7,334.9	228.3	R 7,563.2
1999	—	R 3.9	3.7	R 1,232.2	218.8	R 1.0	114.5	6,610.9	R 96.7	R 8,277.7	R 8,281.6	232.0	R 8,513.6
2000	—	R 4.8	R 4.1	R 1,599.4	372.1	R 11.9	121.1	8,828.0	R 209.6	R 11,146.2	R 11,151.0	238.5	R 11,389.6
2001	—	6.2	13.8	1,440.8	481.3	1.3	117.2	7,913.8	63.9	10,032.1	10,038.3	236.0	10,274.3

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, New York (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.47	0.38	0.42	0.44	—	0.42	0.20	—	1.31	0.99	0.42
1975	1.18	0.88	1.94	2.16	—	1.95	0.31	—	2.65	2.02	1.54
1980	1.47	2.67	4.25	5.63	—	4.26	0.56	1.74	4.72	3.59	2.74
1985	1.72	3.48	4.26	6.11	—	4.29	0.67	—	6.36	4.84	2.79
1986	1.65	2.24	2.47	3.81	—	2.50	0.61	—	6.31	4.80	2.05
1987	1.54	2.44	3.06	4.25	—	3.09	0.63	0.95	6.11	4.65	2.24
1988	1.58	2.24	2.49	3.97	—	2.53	0.57	—	6.02	4.58	1.96
1989	1.57	2.35	2.95	4.48	—	3.03	0.65	0.67	6.05	4.60	2.10
1990	1.61	2.38	3.60	6.34	—	3.65	0.65	0.46	5.84	5.66	2.17
1991	1.59	2.23	2.72	5.30	—	2.77	0.55	0.50	4.60	3.06	1.75
1992	1.49	2.41	2.63	4.96	—	2.67	0.45	0.51	4.37	3.19	1.68
1993	1.50	2.65	2.56	4.69	—	2.63	0.57	1.40	4.01	2.89	1.74
1994	1.45	2.24	2.50	4.05	—	2.67	0.53	2.48	4.09	2.27	1.70
1995	1.41	2.08	2.64	4.41	—	2.83	0.54	2.21	4.04	2.18	1.67
1996	1.43	2.88	3.17	5.07	0.67	3.31	0.53	0.58	3.82	2.31	1.75
1997	1.42	2.81	2.83	3.75	—	2.92	0.47	0.33	3.77	1.62	1.78
1998	1.43	2.50	2.03	3.36	0.94	2.09	0.51	0.86	4.01	3.02	1.60
1999	1.45	2.79	2.36	3.47	0.79	2.42	0.51	0.55	4.92	4.16	1.73
2000	1.49	4.60	4.28	8.39	0.74	4.60	0.48	0.67	3.04	3.52	2.62
2001	1.42	4.05	3.50	5.05	0.80	3.65	0.43	0.47	3.29	3.82	2.15
	Expenditures in Million Nominal Dollars										
1970	127.6	40.9	149.6	8.1	—	157.7	9.2	—	14.1	7.6	341.9
1975	173.3	12.2	1,029.8	66.6	—	1,096.4	44.9	—	31.3	12.6	1,345.5
1980	233.8	343.4	1,706.9	24.5	—	1,731.5	118.3	0.2	124.4	6.8	2,544.9
1985	337.5	622.1	1,156.5	29.2	—	1,185.7	172.1	—	387.7	9.5	2,695.6
1986	264.2	309.9	808.5	29.9	—	838.4	143.3	—	340.6	5.9	1,890.5
1987	308.9	435.8	982.7	35.7	—	1,018.3	149.9	(s)	340.0	13.6	2,239.3
1988	369.5	342.3	982.6	50.0	—	1,032.6	146.3	—	261.5	8.5	2,143.8
1989	411.4	443.7	1,200.8	94.9	—	1,295.7	157.0	14.4	128.9	26.7	2,424.4
1990	420.0	564.0	1,218.0	40.4	—	1,258.4	163.2	13.2	75.7	59.7	2,434.9
1991	419.4	524.9	758.4	30.3	—	788.8	165.3	15.0	51.1	2.1	1,962.3
1992	413.5	630.8	476.7	14.4	—	491.1	114.9	19.3	52.7	5.2	1,717.2
1993	365.6	655.4	377.3	24.7	—	402.0	161.1	49.0	78.9	2.2	1,709.8
1994	344.2	664.0	279.7	54.3	—	334.0	161.0	99.5	181.1	1.5	1,782.3
1995	321.0	916.0	203.5	41.8	—	245.3	150.7	85.4	124.1	0.8	1,841.6
1996	331.7	941.0	297.9	37.4	0.1	335.5	194.7	24.0	97.8	3.6	1,921.1
1997	350.5	1,188.5	227.9	34.3	—	262.2	144.6	13.8	39.2	8.3	1,990.5
1998	370.9	963.8	294.8	27.2	1.2	323.2	166.6	34.1	34.2	17.2	1,875.6
1999	350.4	1,233.7	298.0	44.7	3.1	345.8	197.7	22.9	53.2	31.1	2,172.6
2000	379.8	1,747.2	613.2	114.9	1.2	729.3	159.0	27.6	110.5	24.0	3,129.4
2001	341.3	1,473.8	552.6	88.4	0.2	641.3	180.7	18.7	133.1	53.2	2,735.8

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, North Carolina

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.43	0.43	0.69	1.13	0.73	1.89	2.82	0.46	R 1.34	R 1.94	—	0.30	1.19	0.41	4.17	2.00
1975	—	1.12	1.12	1.57	2.74	2.03	3.24	4.55	1.90	R 2.90	R 3.68	0.29	0.60	2.44	1.05	7.92	R 4.06
1980	—	1.58	1.58	3.55	6.80	6.46	6.11	9.91	3.72	R 7.08	R 8.15	0.36	2.20	4.60	1.48	11.72	R 7.93
1985	—	1.97	1.97	5.29	R 7.35	5.77	R 9.91	9.03	4.45	R 7.39	R 8.10	0.54	2.49	R 4.73	1.57	17.46	R 9.34
1986	—	1.85	1.85	4.77	R 5.67	3.85	R 9.19	6.69	2.72	R 5.82	R 6.09	0.53	2.43	R 3.78	1.47	18.16	R 8.24
1987	—	1.79	1.79	4.66	R 5.75	3.96	R 8.86	7.33	2.94	R 5.75	R 6.48	0.56	R 2.35	R 3.90	1.30	18.05	R 8.49
1988	—	1.77	1.77	4.46	R 5.62	3.71	R 8.92	7.26	2.34	R 5.49	R 6.32	0.59	2.35	R 3.83	1.30	18.03	R 8.36
1989	—	R 1.77	R 1.77	4.56	R 6.28	4.30	R 8.95	8.10	2.70	R 5.70	7.08	0.55	R e 1.52	R e 3.93	R 1.33	18.33	R e 8.81
1990	—	1.78	1.78	4.19	R 7.88	5.65	R 10.48	9.44	3.11	R 5.97	R 8.38	0.54	R 1.22	R 4.46	R 1.35	18.73	R 9.58
1991	—	R 1.77	R 1.77	R 4.08	R 7.47	4.79	R 11.35	9.23	2.37	R 6.17	R 8.18	0.52	R 1.38	R 4.29	R 1.30	18.96	R 9.72
1992	—	R 1.73	R 1.73	R 4.28	R 7.17	4.48	R 10.39	8.96	2.46	R 5.74	R 7.79	0.51	R 1.28	R 4.21	R 1.38	19.33	R 9.43
1993	—	1.70	1.70	4.79	R 7.02	4.19	R 9.76	8.68	2.35	R 5.88	R 7.57	0.48	R 1.28	R 4.14	R 1.36	19.44	R 9.50
1994	—	1.69	1.69	R 4.84	R 6.89	3.87	R 9.56	8.71	2.46	R 5.82	R 7.63	0.49	R 1.24	R 4.09	R 1.24	19.42	R 9.50
1995	—	1.64	1.64	R 4.53	R 6.79	3.90	R 9.78	8.90	2.79	R 5.59	R 7.68	0.51	R 1.31	R 4.03	R 1.21	19.28	R 9.40
1996	—	R 1.51	R 1.51	R 5.42	R 7.61	4.78	R 11.09	9.55	3.22	R 6.25	R 8.28	0.47	R 1.16	R 4.35	R 1.15	19.15	R 9.82
1997	—	R 1.45	R 1.45	R 5.93	7.51	4.42	R 10.72	9.57	2.99	R 5.99	R 8.29	0.47	R 1.09	R 4.40	R 1.13	19.00	R 9.89
1998	—	R 1.46	R 1.46	R 5.30	R 6.44	3.30	R 10.00	8.13	2.24	R 4.92	R 7.06	0.45	R 1.32	R 3.80	R 1.10	18.92	R 9.29
1999	—	R 1.45	R 1.45	R 5.15	R 6.98	3.81	R 10.51	8.77	2.68	R 5.24	R 7.67	R 0.44	R 1.46	R 4.05	R 1.11	18.89	R 9.65
2000	—	R 1.44	R 1.44	R 6.69	R 9.63	6.50	R 14.76	11.51	R 4.24	R 7.08	R 10.30	0.30	R 1.62	R 5.19	R 1.09	18.99	R 11.34
2001	—	1.60	1.60	8.56	8.91	5.77	15.08	10.80	3.82	6.32	9.74	0.43	1.65	5.24	1.24	19.45	11.43
	Expenditures in Million Nominal Dollars																
1970	—	211.6	211.6	102.8	149.3	18.7	39.1	835.7	19.7	R 139.5	R 1,201.9	—	4.5	R 1,520.8	-190.7	576.2	R 1,906.3
1975	—	533.0	533.0	178.1	339.0	42.3	77.6	1,599.1	92.9	R 203.2	R 2,354.1	4.4	9.1	R 3,078.7	-473.6	1,393.1	R 3,998.3
1980	—	985.0	985.0	529.3	955.5	185.3	179.1	3,448.9	211.1	R 443.4	R 5,423.4	22.9	38.6	R 6,999.2	-967.2	2,553.8	R 8,585.8
1985	—	R 1,084.0	R 1,084.0	705.5	R 1,125.3	213.6	R 269.3	3,362.8	174.3	R 518.0	R 5,663.4	109.8	56.1	R 7,618.8	-1,095.2	4,305.3	R 10,828.9
1986	—	R 1,077.2	R 1,077.2	644.6	R 950.7	152.9	R 243.9	2,601.7	108.4	R 467.5	R 4,525.0	113.4	R 60.7	R 6,420.8	-1,076.8	4,797.8	R 10,141.9
1987	—	R 893.5	R 893.5	677.9	R 1,015.8	171.2	R 283.5	2,954.7	100.7	R 449.0	R 4,974.9	165.9	55.5	R 6,767.7	-954.7	5,051.7	R 10,864.8
1988	—	R 912.3	R 912.3	662.9	R 1,095.2	172.1	R 250.4	3,011.8	76.7	R 483.7	R 5,089.8	180.9	57.9	R 6,903.9	-987.0	5,228.3	R 11,145.1
1989	—	R 1,042.9	R 1,042.9	R 718.9	R 1,015.5	184.0	R 299.3	3,312.2	R 79.4	R 423.2	R 5,313.6	171.1	R e 88.9	R e 7,335.4	R -1,117.5	5,479.4	R e 11,697.4
1990	—	R 1,013.0	R 1,013.0	R 657.7	R 1,201.5	174.2	R 327.1	3,845.9	R 99.6	R 413.8	R 6,062.1	149.0	R 75.8	R 7,957.6	R -1,042.4	5,715.0	R 12,630.1
1991	—	R 1,005.3	R 1,005.3	R 678.7	R 1,101.6	116.3	R 422.8	3,735.9	R 90.6	R 416.6	R 5,883.8	165.7	R 66.8	R 7,800.3	R -1,075.0	5,972.6	R 12,697.8
1992	—	R 1,121.8	R 1,121.8	R 772.2	R 1,120.6	116.4	R 417.6	3,634.5	R 115.2	R 421.7	R 5,826.1	120.4	R 84.4	R 7,924.9	R -1,132.4	6,212.8	R 13,005.3
1993	—	R 1,174.4	R 1,174.4	R 892.3	R 1,089.7	114.2	R 417.6	3,711.7	R 117.7	R 436.6	R 5,887.5	120.9	R 88.4	R 8,163.5	R -1,201.6	6,618.8	R 13,580.7
1994	—	R 1,069.0	R 1,069.0	R 917.1	R 1,160.6	95.0	R 428.6	3,800.8	R 97.6	R 432.7	R 6,015.3	165.5	R 90.1	R 8,257.0	R -1,137.9	6,610.8	R 13,729.9
1995	—	R 1,085.6	R 1,085.6	R 931.5	R 1,241.8	109.3	R 430.2	4,009.0	R 109.9	R 487.0	R 6,387.2	193.6	R 111.6	R 8,709.5	R -1,193.3	6,884.9	R 14,401.1
1996	—	R 1,120.4	R 1,120.4	R 1,162.7	R 1,443.9	247.2	R 557.7	4,392.6	R 138.5	R 626.1	R 7,406.0	166.6	R 94.5	R 9,950.2	R -1,207.3	7,074.6	R 15,817.5
1997	—	R 1,112.3	R 1,112.3	R 1,279.9	R 1,430.8	179.3	R 611.8	4,538.1	R 112.9	R 635.9	R 7,508.9	R 160.9	R 87.8	R 10,149.7	R -1,206.2	7,068.2	R 16,011.8
1998	—	R 1,099.2	R 1,099.2	R 1,142.4	R 1,248.7	126.3	R 473.2	3,993.0	R 68.8	R 574.4	R 6,484.4	R 184.2	R 101.3	R 9,011.5	R -1,247.4	7,332.4	R 15,096.5
1999	—	R 1,078.5	R 1,078.5	R 1,121.7	R 1,276.3	146.8	R 450.5	4,451.8	R 73.5	R 581.0	R 6,979.9	R 172.5	R 113.0	R 9,465.5	R -1,226.9	7,411.7	R 15,650.3
2000	—	R 1,129.6	R 1,129.6	R 1,560.1	R 2,030.4	268.1	R 750.6	5,867.6	R 132.5	R 772.9	R 9,822.2	R 123.9	R 129.2	R 12,764.9	R -1,278.0	7,767.1	R 19,254.0
2001	—	1,210.3	1,210.3	1,786.2	1,898.4	198.0	754.7	5,553.7	86.9	675.0	9,166.7	171.2	130.3	12,464.7	-1,403.8	7,804.2	18,865.0

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, North Carolina

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.14	1.27	1.31	1.40	2.28	1.44	0.73	1.38	5.45	2.35
1975	2.06	1.99	2.71	2.96	4.32	2.97	1.45	2.63	9.31	5.03
1980	2.70	4.06	6.95	7.96	7.67	7.30	3.70	6.06	13.91	9.49
1985	2.75	6.38	8.02	6.98	10.27	8.06	R 4.19	R 7.25	20.48	R 13.44
1986	2.60	6.41	6.35	5.94	9.44	R 6.79	R 3.36	6.40	21.17	R 13.67
1987	2.69	6.46	5.30	6.86	9.20	R 6.49	3.20	R 6.27	21.59	R 13.70
1988	2.53	6.07	5.54	6.69	8.81	R 6.47	3.23	R 6.14	21.89	R 13.62
1989	2.87	6.35	6.36	6.51	9.63	R 7.29	3.57	R 6.71	22.45	R 14.56
1990	2.78	5.98	7.95	8.10	11.22	R 9.03	3.53	R 7.40	22.99	R 16.03
1991	2.58	6.05	7.48	8.23	11.67	R 9.13	R 3.38	7.43	23.29	R 16.22
1992	2.65	6.38	7.06	7.17	10.29	R 8.26	R 3.09	R 7.09	23.78	R 15.93
1993	2.79	6.75	7.07	7.34	11.03	R 8.60	3.02	7.37	23.97	R 16.29
1994	2.73	7.05	6.01	7.04	11.27	R 8.35	2.93	R 7.33	23.95	R 16.39
1995	2.62	6.71	6.28	5.67	11.39	R 8.07	2.87	R 7.08	23.79	R 16.06
1996	2.63	7.33	7.17	5.85	12.79	R 9.01	3.29	7.87	23.59	R 15.99
1997	2.51	8.67	6.87	5.59	12.67	R 8.93	3.27	R 8.51	23.55	R 16.57
1998	2.53	R 8.35	6.52	4.95	11.49	R 8.05	2.84	7.93	23.47	R 16.60
1999	2.48	R 8.04	7.56	4.39	11.85	8.80	2.92	8.12	23.41	16.83
2000	2.41	9.25	10.21	7.40	15.80	R 12.18	4.38	10.28	23.36	R 17.54
2001	3.38	11.84	9.06	7.52	17.27	12.57	4.17	11.83	23.79	18.62
	Expenditures in Million Nominal Dollars									
1970	6.6	35.6	65.9	79.8	25.9	171.6	4.4	218.2	272.5	490.7
1975	5.4	55.6	114.6	82.2	36.0	232.8	9.0	302.7	603.3	905.9
1980	2.4	139.6	285.2	124.0	80.2	489.4	17.7	649.1	1,156.6	1,805.7
1985	R 2.9	189.1	R 254.7	158.1	118.2	R 530.9	R 31.4	R 754.3	1,876.5	R 2,630.8
1986	R 2.3	209.8	R 205.3	111.9	109.3	R 426.4	R 24.5	R 663.0	2,131.4	R 2,794.4
1987	R 2.5	239.1	R 200.5	124.8	130.5	R 455.8	19.5	R 716.9	2,321.2	R 3,038.1
1988	R 2.8	239.9	R 211.8	154.8	115.6	R 482.2	R 20.5	R 745.4	2,406.0	R 3,151.4
1989	R 2.3	253.2	R 192.5	111.1	171.1	R 474.7	23.5	R 753.7	2,511.0	R 3,264.6
1990	R 2.2	216.0	R 195.6	64.6	173.9	R 434.2	21.3	R 673.6	2,599.4	R 3,273.0
1991	R 1.1	237.0	R 161.5	78.1	201.9	R 441.5	R 21.5	R 701.1	2,732.7	R 3,433.8
1992	R 2.4	281.1	R 167.4	74.6	200.5	R 442.5	R 20.7	R 746.7	2,819.9	R 3,566.6
1993	R 2.9	329.3	R 162.7	78.6	220.8	R 462.0	22.0	R 816.2	3,086.2	R 3,902.3
1994	2.7	346.4	R 126.9	52.2	228.1	R 407.3	20.9	R 777.3	3,041.0	R 3,818.3
1995	1.9	342.2	R 147.1	67.4	241.5	R 456.1	22.8	R 822.9	3,207.3	R 4,030.3
1996	1.6	446.4	R 177.8	84.4	309.5	R 571.7	26.1	R 1,045.7	3,348.3	R 4,394.0
1997	1.3	475.0	R 137.1	82.6	305.4	R 525.0	18.6	R 1,019.9	3,262.7	R 4,282.6
1998	R 1.5	441.3	R 113.7	83.8	264.1	R 461.6	14.6	R 919.0	3,434.2	R 4,353.2
1999	R 1.2	440.3	R 130.7	49.4	275.5	R 455.7	16.0	R 913.2	3,486.2	R 4,399.3
2000	0.8	R 609.0	R 192.6	R 83.1	396.5	R 672.1	25.2	R 1,307.0	3,709.1	R 5,016.1
2001	1.3	701.1	164.5	86.2	446.7	697.4	20.5	1,420.2	3,749.9	5,170.2

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, North Carolina

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.53	0.94	1.02	0.77	1.41	2.82	0.67	1.23	0.73	1.00	4.60	2.57
1975	1.53	1.71	2.34	2.37	2.67	4.55	1.79	2.66	1.45	2.00	8.46	5.13
1980	1.71	3.67	6.33	6.12	5.24	9.91	3.80	6.58	3.70	4.69	12.28	8.46
1985	1.90	5.65	6.10	6.98	9.61	9.03	4.46	R 6.67	4.19	R 5.86	18.18	R 12.51
1986	1.83	5.39	3.79	5.94	8.96	6.69	2.74	R 4.67	3.36	R 4.86	18.79	R 12.83
1987	1.75	5.05	4.11	6.86	8.57	7.33	2.95	R 5.04	3.20	R 4.87	18.45	R 12.37
1988	1.74	4.80	3.72	6.69	8.97	7.26	2.36	R 4.62	3.23	R 4.53	18.35	R 11.98
1989	1.71	4.99	4.31	6.51	8.14	8.10	2.75	R 5.33	3.57	R 4.95	18.44	R 12.69
1990	1.80	4.49	5.41	8.10	9.69	9.44	3.16	R 6.60	3.53	R 5.14	18.93	R 13.42
1991	1.71	4.39	4.93	8.23	11.01	9.23	2.42	R 6.38	3.38	4.94	19.11	R 13.66
1992	1.73	4.63	4.72	7.17	10.44	8.96	2.49	R 6.23	3.09	4.88	19.51	R 13.76
1993	1.73	5.32	4.51	7.34	8.60	8.68	2.36	R 5.23	3.02	5.00	19.41	R 13.83
1994	1.74	5.37	4.27	7.04	9.23	8.71	2.47	R 5.35	2.93	R 5.04	19.29	R 13.58
1995	1.71	5.07	4.27	5.67	9.49	8.90	2.81	R 5.31	2.87	4.87	19.09	R 13.75
1996	1.72	R 5.96	5.14	5.85	10.72	9.55	3.24	R 6.31	3.29	R 5.80	18.83	R 13.71
1997	1.72	R 6.75	4.97	5.59	10.96	9.57	3.01	R 6.15	3.27	R 6.19	18.91	R 14.14
1998	1.70	R 6.37	3.90	4.95	10.23	8.13	2.25	R 5.36	2.84	R 5.65	18.70	R 14.09
1999	1.66	6.01	4.41	4.39	9.97	8.77	2.68	R 5.85	2.92	R 5.68	18.63	R 14.31
2000	1.58	R 7.38	7.24	7.40	12.95	11.51	4.25	R 8.53	4.38	7.51	18.67	R 14.77
2001	1.68	9.73	6.40	7.52	13.87	10.80	3.83	7.92	4.17	8.66	18.86	15.41
	Expenditures in Million Nominal Dollars											
1970	2.4	20.7	10.1	1.0	2.8	5.3	0.8	20.0	0.1	43.2	152.2	195.4
1975	9.3	37.7	19.4	1.6	3.9	9.9	2.6	37.4	0.2	84.6	337.0	421.6
1980	5.6	97.1	61.7	4.1	9.7	41.1	11.7	128.3	0.4	231.5	597.4	828.9
1985	R 7.2	146.2	R 105.1	9.7	19.5	30.0	9.0	R 173.3	0.8	R 327.5	1,188.9	R 1,516.4
1986	R 5.5	141.7	R 59.5	5.8	18.3	22.8	4.1	R 110.5	0.8	R 258.4	1,337.2	R 1,595.5
1987	R 5.5	156.4	R 80.2	5.3	21.5	27.9	1.2	R 136.0	0.7	R 298.5	1,392.0	R 1,690.5
1988	R 6.9	160.4	R 76.6	9.8	20.8	26.0	4.2	R 137.3	0.7	R 305.4	1,447.0	R 1,752.4
1989	R 5.2	170.4	R 65.7	6.5	25.5	26.6	3.9	R 128.2	0.9	R 304.6	1,526.9	R 1,831.5
1990	R 5.7	144.8	R 72.6	3.6	26.5	38.8	R 4.4	R 145.9	1.4	R 297.7	1,648.2	R 1,946.0
1991	3.5	155.4	R 60.5	4.4	33.6	18.2	1.8	R 118.4	1.4	R 278.7	1,722.3	R 2,001.0
1992	R 7.2	174.4	R 52.4	1.9	35.9	15.2	R 1.7	R 107.1	1.3	R 290.1	1,791.1	R 2,081.3
1993	R 8.1	205.9	R 52.8	2.1	30.4	2.7	R 4.2	R 92.2	1.8	R 308.0	1,891.0	R 2,199.1
1994	9.7	216.5	R 54.2	13.6	33.0	3.6	R 4.1	R 108.5	1.8	R 336.4	1,927.3	R 2,263.7
1995	8.4	195.8	R 58.4	4.7	35.5	2.8	3.3	R 104.7	1.7	R 310.6	2,025.9	R 2,336.5
1996	7.7	250.1	R 84.5	5.9	45.8	15.6	R 4.5	R 156.2	2.1	R 416.2	2,092.5	R 2,508.7
1997	7.4	266.1	R 82.9	6.5	46.6	8.8	R 3.2	R 147.9	2.0	R 423.5	2,151.0	R 2,574.5
1998	R 8.1	241.5	R 58.7	7.3	41.5	14.7	R 1.6	R 123.8	1.8	R 375.2	2,278.6	R 2,653.8
1999	R 5.9	236.5	R 55.5	4.6	40.9	14.2	R 1.7	R 116.9	2.0	R 361.3	2,365.2	R 2,726.4
2000	4.3	R 328.1	R 112.9	R 9.8	57.3	19.8	R 3.0	R 202.9	3.0	R 538.3	2,488.7	R 3,027.0
2001	5.2	391.2	115.5	8.2	63.3	14.8	3.1	204.8	2.2	603.4	2,567.0	3,170.4

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, North Carolina

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.53	0.53	0.50	0.67	0.71	0.77	1.41	5.08	2.82	0.45	R 1.10	R 0.86	—	R 0.66	2.76	R 1.03
1975	—	1.53	1.53	1.34	1.80	2.19	2.37	2.67	7.48	4.55	1.92	R 2.54	R 2.31	—	R 1.84	6.36	R 2.90
1980	—	1.71	1.71	3.32	3.57	5.49	6.12	5.24	14.36	9.91	3.72	R 7.44	R 5.03	1.61	R 3.91	9.28	R 5.21
1985	—	1.90	1.90	4.75	4.94	6.36	6.68	9.61	17.61	9.03	4.46	R 7.23	R 6.35	1.61	R 4.68	13.83	R 6.99
1986	—	1.83	1.83	3.87	4.22	4.34	4.69	8.96	15.59	6.69	2.74	R 4.93	R 4.70	2.03	R 3.72	14.39	6.26
1987	—	1.75	1.75	3.65	3.23	4.43	4.49	8.57	13.58	7.33	2.95	R 5.26	R 4.81	2.03	R 3.65	13.80	R 6.23
1988	—	1.74	1.74	3.47	3.18	4.06	4.23	8.97	14.62	7.26	2.36	R 4.41	R 4.38	2.03	R 3.41	13.60	R 6.09
1989	—	1.71	R 1.71	3.53	2.89	4.83	5.15	8.14	14.48	8.10	2.75	R 5.21	R 4.81	R d 1.26	R d 3.26	13.83	R d 5.91
1990	—	1.80	R 1.80	3.36	2.95	5.77	6.74	9.69	14.60	9.44	3.16	R 5.85	R 5.34	R 0.97	R 3.34	13.99	R 5.89
1991	—	1.71	R 1.71	3.14	3.08	5.26	5.83	11.01	16.80	9.23	2.42	R 5.52	R 5.31	R 1.16	R 3.48	14.11	R 6.18
1992	—	1.73	R 1.73	3.23	2.32	4.99	5.05	10.44	18.32	8.96	2.49	R 5.49	R 4.88	R 1.13	R 3.28	14.44	R 5.90
1993	—	1.73	R 1.73	3.61	2.88	4.81	4.71	8.60	18.96	8.68	2.36	R 5.26	R 4.63	R 1.12	R 3.33	14.37	R 5.99
1994	—	1.74	R 1.74	3.55	2.86	4.64	4.65	7.89	19.11	8.71	2.47	R 5.25	R 4.73	R 1.10	R 3.32	14.45	R 6.01
1995	—	1.71	R 1.71	3.45	3.25	4.50	4.37	8.00	19.41	8.90	2.81	R 5.56	R 4.80	R 1.18	R 3.31	14.21	R 5.77
1996	—	1.72	R 1.72	4.22	3.30	5.40	5.45	9.25	20.08	9.55	3.24	R 6.02	R 5.64	R 0.94	R 3.92	14.02	R 6.18
1997	—	1.72	R 1.72	4.50	3.57	5.14	5.05	9.03	17.98	9.57	3.01	R 5.67	R 5.64	R 0.94	R 4.04	13.82	R 6.23
1998	—	1.70	R 1.70	R 3.80	3.27	4.09	3.74	8.22	19.07	8.13	2.25	R 3.91	R 4.47	R 1.26	R 3.44	13.57	R 5.78
1999	—	1.66	R 1.66	R 3.68	3.16	4.66	4.22	8.57	16.75	8.77	2.68	R 4.93	R 4.89	1.40	R 3.57	13.39	R 5.87
2000	—	1.58	R 1.58	5.15	4.03	7.54	7.87	13.87	17.99	11.51	4.25	R 7.24	R 7.30	1.45	R 5.04	13.43	R 6.95
2001	—	1.68	1.68	6.71	3.80	6.81	6.29	12.43	19.00	10.80	3.83	5.94	6.68	1.57	5.16	13.83	7.10
	Expenditures in Million Nominal Dollars																
1970	—	28.7	28.7	38.4	16.1	18.6	5.8	10.1	10.1	14.9	16.5	R 8.8	R 100.8	—	R 168.0	151.4	R 319.4
1975	—	53.2	53.2	84.6	36.4	54.6	10.9	36.6	20.2	18.7	85.1	R 25.5	R 287.9	—	R 425.7	452.8	R 878.6
1980	—	57.3	57.3	287.1	73.3	132.0	13.7	88.2	49.7	26.8	197.3	R 113.6	R 694.6	20.4	R 1,059.4	799.8	R 1,859.2
1985	—	106.1	106.1	367.2	113.2	R 134.0	20.3	124.8	55.5	39.5	163.0	R 90.8	R 741.0	23.9	R 1,238.3	1,239.9	R 2,478.1
1986	—	116.4	116.4	289.8	127.0	R 129.3	11.8	110.2	48.0	28.6	102.7	R 99.9	R 657.7	35.4	R 1,099.4	1,329.2	R 2,428.6
1987	—	110.3	110.3	278.7	86.3	R 111.9	8.0	127.2	47.3	31.7	88.0	R 116.3	R 616.7	35.3	R 1,041.0	1,338.5	R 2,379.5
1988	—	109.4	109.4	258.9	94.8	R 100.4	11.2	108.6	49.1	28.2	67.1	R 100.7	R 560.1	36.7	R 965.1	1,375.3	R 2,340.4
1989	—	108.5	R 108.5	289.3	72.3	R 110.9	5.4	97.4	49.9	35.6	R 65.7	R 112.9	R 550.0	R d 64.2	R d 1,012.0	1,441.5	R d 2,453.5
1990	—	133.2	R 133.2	287.9	82.4	R 115.9	5.3	120.1	51.8	40.0	R 86.6	R 138.5	R 640.7	R 52.3	R 1,114.1	1,467.3	R 2,581.4
1991	—	116.3	R 116.3	275.0	78.2	R 105.5	5.6	178.6	53.3	41.7	R 79.5	R 130.4	R 672.7	R 40.6	R 1,104.6	1,517.6	R 2,622.3
1992	—	124.3	R 124.3	303.9	65.4	R 108.2	4.2	174.9	59.2	38.5	R 104.5	R 144.0	R 698.9	R 59.1	R 1,186.2	1,601.8	R 2,788.0
1993	—	107.6	R 107.6	345.2	88.9	R 93.9	4.2	160.8	62.4	38.5	R 108.1	R 126.0	R 682.8	R 61.2	R 1,196.8	1,641.6	R 2,838.4
1994	—	104.5	R 104.5	349.0	91.6	R 93.7	2.2	157.8	65.8	40.5	R 90.6	R 128.7	R 671.0	R 62.7	R 1,187.2	1,642.5	R 2,829.7
1995	—	105.5	R 105.5	380.0	138.5	R 121.6	2.8	148.2	65.7	45.3	R 102.0	R 128.9	R 753.1	R 82.5	R 1,321.0	1,651.7	R 2,972.8
1996	—	101.3	R 101.3	455.0	88.5	R 137.5	5.1	197.5	65.9	50.0	R 128.1	R 296.0	R 968.6	R 62.8	R 1,587.8	1,633.8	R 3,221.5
1997	—	R 93.1	R 93.1	R 519.6	98.8	R 120.2	4.6	255.7	62.4	52.0	R 105.0	R 304.3	R 1,002.9	R 64.0	R 1,679.7	1,654.5	R 3,334.2
1998	—	80.4	R 80.4	421.7	96.0	R 115.0	3.1	160.6	69.2	39.1	R 65.4	R 232.1	R 780.5	R 80.8	R 1,363.5	1,619.6	R 2,983.0
1999	—	73.0	R 73.0	R 408.8	96.2	R 106.7	1.1	130.9	61.4	30.0	R 69.7	R 291.7	R 787.8	R 90.5	R 1,360.0	1,560.4	R 2,920.4
2000	—	73.6	R 73.6	R 565.8	131.8	R 184.7	R 3.1	291.2	65.0	48.2	R 126.2	R 400.3	R 1,250.4	R 96.6	R 1,986.4	1,569.3	R 3,555.6
2001	—	76.8	76.8	621.0	132.8	185.5	1.3	241.2	62.9	113.6	81.7	305.3	1,124.2	104.4	1,926.3	1,487.2	3,413.6

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, North Carolina

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.53	—	2.17	1.30	0.73	1.41	5.08	2.82	0.27	2.52	2.52	—	2.52
1975	1.53	—	3.45	3.12	2.03	2.67	7.48	4.55	1.56	4.27	4.27	—	4.27
1980	—	—	9.02	7.34	6.46	5.24	14.36	9.91	3.43	9.35	9.35	—	9.35
1985	—	—	9.99	7.66	5.77	R 10.44	17.61	9.03	3.78	8.62	8.62	—	8.62
1986	—	—	8.41	6.26	3.85	R 9.88	15.59	6.69	1.80	6.46	6.46	—	6.46
1987	—	—	7.55	6.70	3.96	R 9.61	13.58	7.33	2.83	6.97	6.97	—	6.97
1988	—	—	7.41	6.41	3.71	R 10.08	14.62	7.26	2.07	6.84	6.84	—	6.84
1989	—	—	8.28	7.05	4.30	R 9.31	14.48	8.10	2.37	R 7.63	R 7.63	—	R 7.63
1990	—	4.42	9.32	8.75	5.65	R 11.44	14.60	9.44	2.65	9.10	9.10	—	9.10
1991	—	4.51	8.71	8.37	4.79	R 12.96	16.80	9.23	2.00	8.86	8.86	—	8.86
1992	—	4.91	8.54	8.01	4.48	R 12.25	18.32	8.96	2.19	8.58	8.58	—	8.58
1993	—	2.51	8.24	7.82	4.19	R 10.10	18.96	8.68	2.04	8.34	8.34	—	8.34
1994	—	4.29	7.96	7.83	3.87	R 9.57	19.11	8.71	2.20	R 8.39	R 8.39	—	R 8.39
1995	—	4.13	8.36	7.81	3.90	R 9.94	19.41	8.90	2.48	R 8.50	8.49	—	8.49
1996	—	R 3.59	9.29	8.59	4.78	R 10.37	20.08	9.55	2.83	9.02	9.02	—	9.02
1997	—	R 5.09	9.39	8.45	4.42	R 9.43	17.98	9.57	R 2.67	R 9.06	R 9.06	—	R 9.06
1998	—	R 4.84	8.11	7.33	3.30	R 9.17	19.07	8.13	1.96	7.75	7.75	—	7.75
1999	—	R 5.34	8.81	7.68	3.81	R 12.11	16.75	8.77	R 2.57	R 8.32	R 8.32	—	R 8.32
2000	—	7.59	R 10.87	10.32	6.50	R 15.95	17.99	11.51	R 4.11	R 11.00	R 11.00	—	R 11.00
2001	—	8.95	11.01	9.70	5.77	16.71	19.00	10.80	3.23	10.35	10.35	—	10.35
	Expenditures in Million Nominal Dollars												
1970	(s)	—	1.7	47.8	18.7	0.3	16.1	815.5	0.6	900.7	900.7	—	900.7
1975	(s)	—	3.8	149.2	42.3	1.1	22.6	1,570.5	2.6	1,792.1	1,792.1	—	1,792.1
1980	—	—	9.8	457.5	185.3	1.0	55.3	3,381.0	2.1	4,092.0	4,092.0	—	4,092.0
1985	—	—	8.8	R 617.0	213.6	R 6.9	61.7	3,293.3	2.3	R 4,203.6	R 4,203.6	—	R 4,203.6
1986	—	—	9.6	R 549.5	152.9	R 6.1	53.4	2,550.3	1.5	R 3,323.3	R 3,323.3	—	R 3,323.3
1987	—	—	8.3	R 613.4	171.2	R 4.4	52.6	2,895.2	11.6	R 3,756.6	R 3,756.6	—	R 3,756.6
1988	—	—	8.8	R 697.0	172.1	R 5.5	54.6	2,957.6	5.4	R 3,901.0	R 3,901.0	—	R 3,901.0
1989	—	—	9.6	R 633.5	184.0	R 5.3	55.5	3,249.9	R 9.9	R 4,147.7	R 4,147.7	—	R 4,147.7
1990	—	(s)	10.0	R 805.7	174.2	R 6.6	57.5	3,767.2	R 8.6	R 4,829.8	R 4,829.8	—	R 4,829.8
1991	—	(s)	7.5	R 763.7	116.3	R 8.7	59.2	3,676.0	R 9.3	R 4,640.7	R 4,640.7	—	R 4,640.7
1992	—	(s)	6.6	R 784.4	116.4	R 6.4	65.8	3,580.8	R 9.0	R 4,569.4	R 4,569.4	—	R 4,569.4
1993	—	(s)	4.9	R 770.8	114.2	R 5.6	69.4	3,670.5	R 5.4	R 4,640.8	R 4,640.9	—	R 4,640.9
1994	—	R 0.1	5.5	R 875.2	95.0	R 9.7	73.1	3,756.7	2.9	R 4,818.1	R 4,818.1	—	R 4,818.1
1995	—	R 0.1	5.9	R 902.9	109.3	R 5.1	73.0	3,960.8	4.7	R 5,061.6	R 5,061.6	—	R 5,061.6
1996	—	R 0.1	6.9	R 1,027.9	247.2	R 4.9	73.3	4,327.1	R 5.8	R 5,693.2	R 5,693.3	—	R 5,693.3
1997	—	R 0.2	7.5	R 1,077.9	179.3	R 4.2	69.3	4,477.4	R 4.7	R 5,820.3	R 5,820.5	—	R 5,820.5
1998	—	R 0.2	5.6	R 949.4	126.3	R 7.0	76.9	3,939.2	R 1.8	R 5,106.3	R 5,106.4	—	R 5,106.4
1999	—	R 0.2	8.3	R 967.7	146.8	R 3.2	68.3	4,407.6	R 2.1	R 5,604.0	R 5,604.2	—	R 5,604.2
2000	—	R 0.4	R 7.7	R 1,498.4	268.1	R 5.7	72.3	5,799.6	R 3.3	R 7,654.9	R 7,655.3	—	R 7,655.3
2001	—	0.5	8.4	1,403.1	198.0	3.5	69.9	5,425.4	2.1	7,110.4	7,110.9	—	7,110.9

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, North Carolina (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.41	0.37	0.69	0.83	—	0.79	—	—	—	—	0.41
1975	1.07	1.41	1.78	2.22	—	1.89	0.29	—	—	—	1.05
1980	1.57	3.15	3.82	5.82	—	5.82	0.36	—	—	—	1.48
1985	1.98	4.78	—	5.68	—	5.68	0.54	—	—	—	1.57
1986	1.85	2.74	—	3.48	—	3.48	0.53	—	—	—	1.47
1987	1.79	3.09	—	3.91	—	3.91	0.56	—	—	—	1.30
1988	1.78	3.37	—	3.49	—	3.49	0.59	—	—	—	1.30
1989	1.77	3.48	—	3.99	—	3.99	0.55	0.67	—	—	1.33
1990	1.78	3.12	—	5.12	—	5.12	0.54	0.46	—	—	1.35
1991	1.78	2.68	—	4.74	—	4.74	0.52	0.50	—	—	1.30
1992	1.73	2.86	—	4.41	—	4.41	0.51	0.51	—	—	1.38
1993	1.70	3.52	—	4.05	—	4.05	0.48	0.55	—	—	1.36
1994	1.68	3.26	—	3.84	—	3.84	0.49	0.56	—	—	1.24
1995	1.63	2.33	—	3.82	—	3.82	0.51	0.70	—	—	1.21
1996	1.48	3.01	2.85	4.68	—	4.67	0.47	0.59	—	—	1.15
1997	1.43	3.11	2.68	4.28	1.06	4.24	0.47	0.50	—	—	1.13
1998	1.44	2.68	—	3.11	0.60	2.77	0.45	0.61	—	—	1.10
1999	1.44	2.83	—	3.98	—	3.98	0.44	0.67	—	—	1.11
2000	1.43	4.32	—	6.16	—	6.16	0.30	0.67	—	—	1.09
2001	1.59	4.35	—	5.84	—	5.84	0.43	0.47	—	—	1.24
	Expenditures in Million Nominal Dollars										
1970	173.8	8.0	1.9	6.9	—	8.9	—	—	—	—	190.7
1975	465.1	0.1	2.6	1.2	—	3.9	4.4	—	—	—	473.6
1980	919.7	5.5	(s)	19.0	—	19.0	22.9	—	—	—	967.2
1985	967.8	2.9	—	14.7	—	14.7	109.8	—	—	—	1,095.2
1986	953.1	3.2	—	7.1	—	7.1	113.4	—	—	—	1,076.8
1987	775.2	3.7	—	9.9	—	9.9	165.9	—	—	—	954.7
1988	793.1	3.7	—	9.3	—	9.3	180.9	—	—	—	987.0
1989	926.9	6.1	—	13.0	—	13.0	171.1	0.4	—	—	1,117.5
1990	871.9	9.0	—	11.6	—	11.6	149.0	0.8	—	—	1,042.4
1991	884.4	11.3	—	10.3	—	10.3	165.7	3.3	—	—	1,075.0
1992	987.8	12.8	—	8.2	—	8.2	120.4	3.3	—	—	1,132.4
1993	1,055.8	11.8	—	9.6	—	9.6	120.9	3.5	—	—	1,201.6
1994	952.2	5.1	—	10.5	—	10.5	165.5	4.6	—	—	1,137.9
1995	969.8	13.5	—	11.9	—	11.9	193.6	4.6	—	—	1,193.3
1996	1,009.7	11.1	0.1	16.3	—	16.4	166.6	3.5	—	—	1,207.3
1997	1,010.5	18.9	(s)	12.7	(s)	12.7	160.9	3.1	—	—	1,206.2
1998	1,009.2	37.6	—	11.9	0.4	12.2	184.2	4.2	—	—	1,247.4
1999	998.4	35.9	—	15.6	—	15.6	172.5	4.4	—	—	1,226.9
2000	1,050.8	56.9	—	41.9	—	41.9	123.9	4.5	—	—	1,278.0
2001	1,127.1	72.4	—	29.9	—	29.9	171.2	3.2	—	—	1,403.8

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, North Dakota

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.35	0.35	0.78	1.07	0.75	1.87	2.83	0.91	1.25	1.85	—	0.61	1.27	R 0.27	7.04	1.99
1975	—	0.42	0.42	1.26	2.66	2.09	3.29	4.69	1.80	2.71	3.58	—	1.20	R 2.24	R 0.42	8.57	3.49
1980	—	0.68	0.68	3.41	6.59	6.47	6.12	9.97	3.58	5.79	7.78	—	3.06	R 3.70	R 0.82	11.96	7.33
1985	—	1.46	1.46	4.97	R 6.77	6.44	R 8.61	9.64	3.49	6.60	R 7.90	—	3.46	R 3.36	R 1.10	17.11	7.07
1986	—	1.42	1.42	4.73	R 5.05	4.90	R 7.69	6.92	1.93	5.76	R 5.93	—	R 2.81	R 2.75	R 0.90	17.30	R 5.92
1987	—	1.35	1.35	4.65	R 5.68	4.64	R 5.48	7.53	1.61	5.33	R 6.30	—	R 2.70	R 2.74	R 0.91	17.15	R 5.87
1988	—	1.15	1.15	4.34	R 5.59	4.37	5.23	8.05	2.49	5.15	R 6.44	—	2.72	R 2.45	R 0.74	16.93	R 5.95
1989	—	1.21	1.21	4.08	R 6.05	4.77	5.54	8.88	2.58	4.91	R 6.95	—	e 2.96	R e 2.63	R 0.71	16.74	R e 6.05
1990	—	1.16	1.16	4.12	R 7.27	6.11	7.18	9.87	2.64	5.33	R 8.07	—	R 3.47	R 2.74	0.69	16.87	R 6.57
1991	—	R 1.00	R 1.00	4.15	6.77	5.17	7.95	9.57	2.35	5.60	R 7.80	—	3.34	R 2.58	R 0.72	16.88	R 6.25
1992	—	1.18	1.18	4.24	R 6.59	4.89	R 7.45	9.29	2.30	4.12	7.30	—	3.07	2.59	R 0.75	17.04	6.18
1993	—	1.00	1.00	4.41	R 6.69	4.81	R 7.60	9.34	2.37	5.43	R 7.55	—	R 2.99	2.51	R 0.76	17.09	6.08
1994	—	1.04	1.04	4.29	R 6.58	4.57	R 7.28	9.16	2.51	4.91	R 7.36	—	R 2.51	R 2.50	R 0.75	16.95	R 6.05
1995	—	1.08	1.08	3.81	R 6.49	4.54	R 7.31	9.17	2.38	6.10	R 7.59	—	2.19	R 2.54	R 0.77	16.74	5.99
1996	—	1.03	1.03	3.77	R 7.63	5.23	R 9.24	9.84	2.94	5.79	R 8.48	—	R 2.80	R 2.71	R 0.78	16.57	6.49
1997	—	1.07	1.07	3.73	R 6.82	5.15	R 9.57	9.69	3.05	5.22	R 8.02	—	R 2.55	R 2.72	R 0.80	16.59	6.28
1998	—	1.04	1.04	R 3.68	R 6.23	4.05	7.59	8.48	2.64	4.84	R 7.11	—	R 2.08	R 2.39	R 0.76	16.75	5.85
1999	—	R 1.01	R 1.01	3.81	R 7.09	4.73	7.84	9.22	2.69	4.24	R 7.55	—	R 1.81	R 2.55	R 0.73	16.13	R 6.17
2000	—	1.01	1.01	5.17	R 9.60	7.33	11.64	12.05	3.93	R 6.66	R 10.49	—	R 2.65	3.14	R 0.75	15.99	R 7.43
2001	—	0.98	0.98	6.24	9.03	6.50	11.72	11.56	4.27	6.08	9.96	—	2.13	3.31	0.76	16.10	7.53
	Expenditures in Million Nominal Dollars																
1970	—	19.9	19.9	14.9	30.9	8.3	12.1	130.2	3.2	15.7	200.5	—	(s)	R 236.7	R -13.6	67.3	290.4
1975	—	28.6	28.6	31.1	68.8	20.9	19.3	247.6	10.0	24.8	391.5	—	0.1	R 461.8	R -26.3	108.0	543.5
1980	—	110.4	110.4	77.6	312.6	59.7	29.0	480.1	13.6	39.5	934.5	—	1.5	R 1,170.7	R -134.6	210.2	1,246.3
1985	—	R 439.4	R 439.4	118.4	R 300.9	58.3	R 16.8	446.8	6.2	55.0	R 884.1	—	1.6	R 1,501.2	R -261.1	407.5	R 1,647.5
1986	—	R 441.2	R 441.2	103.3	R 221.6	43.5	47.7	311.7	3.1	40.7	R 668.3	—	1.5	R 1,235.4	R -209.2	401.2	R 1,427.5
1987	—	R 431.1	R 431.1	89.4	R 236.9	31.5	35.0	349.6	2.6	38.1	R 693.7	—	1.3	R 1,245.2	R -213.5	383.2	R 1,414.9
1988	—	423.5	423.5	103.4	R 225.7	31.0	R 30.4	363.2	4.0	39.3	R 693.7	—	1.3	R 1,232.0	R -211.9	407.3	R 1,427.4
1989	—	R 438.7	R 438.7	105.4	R 265.8	34.5	34.8	391.9	R 3.4	36.5	R 766.9	—	e 1.4	R e 1,314.5	R -193.0	400.6	R e 1,522.0
1990	—	R 435.2	R 435.2	98.9	R 305.9	39.0	36.3	422.5	4.0	35.6	R 843.3	—	2.1	R 1,380.1	R -198.8	401.1	R 1,582.4
1991	—	R 377.3	R 377.3	110.1	R 290.8	27.0	57.5	415.0	R 2.7	35.5	R 828.6	—	2.1	R 1,321.2	R -212.4	415.4	R 1,524.2
1992	—	R 472.6	R 472.6	R 109.9	R 265.9	37.1	R 47.5	401.8	R 2.6	45.0	R 799.9	—	2.0	R 1,394.6	R -231.1	411.7	R 1,575.2
1993	—	R 398.7	R 398.7	125.2	R 286.8	32.6	37.2	416.4	R 3.9	40.5	R 817.5	—	1.7	R 1,358.6	R -235.9	430.6	R 1,553.2
1994	—	R 420.2	R 420.2	120.4	R 296.1	21.1	R 34.3	401.9	R 3.4	47.3	R 804.1	—	1.7	R 1,360.7	R -232.8	441.2	R 1,569.1
1995	—	R 433.0	R 433.0	114.2	R 302.3	8.5	45.8	413.8	1.4	40.6	R 812.4	—	2.0	R 1,372.0	R -231.7	447.7	R 1,588.0
1996	—	R 414.5	R 414.5	R 126.0	R 369.9	7.3	R 73.3	445.7	R 1.2	42.6	R 940.0	—	2.1	R 1,494.3	R -246.0	467.5	R 1,715.8
1997	—	R 411.7	R 411.7	R 164.1	R 319.0	5.5	87.0	435.7	R 1.8	49.6	R 898.8	—	1.6	R 1,478.8	R -238.6	465.7	R 1,705.9
1998	—	R 424.9	R 424.9	150.7	R 260.6	4.9	53.3	383.6	0.4	53.0	R 755.7	—	1.3	R 1,331.4	R -243.1	466.4	R 1,554.6
1999	—	R 416.6	R 416.6	R 147.6	R 311.6	10.9	R 75.1	418.6	R 0.5	65.2	R 881.7	—	1.5	R 1,445.6	R -234.9	497.4	R 1,708.1
2000	—	429.8	429.8	R 189.0	R 436.2	17.2	139.9	534.5	R 1.2	R 58.0	R 1,187.1	—	2.2	R 1,813.5	R -246.1	509.2	R 2,076.6
2001	—	412.0	412.0	241.1	466.2	27.7	227.5	510.6	1.3	62.9	1,296.1	—	2.0	1,956.0	-247.7	534.9	2,243.2

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, North Dakota

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.56	0.99	1.28	1.65	2.07	1.62	0.61	1.37	7.80	2.52
1975	3.09	1.51	2.55	2.69	3.51	3.02	1.20	2.24	9.18	3.94
1980	1.96	3.66	6.92	7.39	7.48	7.04	3.06	5.11	13.14	7.50
1985	1.74	5.26	7.48	7.85	8.46	R 7.56	3.46	R 6.00	18.02	R 10.15
1986	1.53	5.08	4.84	6.32	6.13	R 5.18	R 2.78	R 4.98	18.20	R 9.48
1987	1.45	5.22	5.34	6.47	5.13	5.28	R 2.65	R 5.12	18.44	R 9.85
1988	1.15	4.88	4.66	6.35	5.24	R 4.85	2.67	R 4.74	18.26	R 9.50
1989	1.13	4.46	5.55	6.91	7.32	R 6.14	2.95	R 5.12	18.01	R 9.46
1990	1.10	4.55	6.87	8.28	7.98	R 7.20	3.56	R 5.61	18.33	R 10.10
1991	1.45	4.61	6.38	7.52	7.09	6.67	3.41	R 5.41	18.21	R 9.76
1992	1.11	4.78	5.21	7.13	7.01	6.14	3.12	5.23	18.55	9.96
1993	0.92	4.93	6.05	6.28	6.26	6.13	3.05	5.26	18.50	R 10.03
1994	0.92	4.91	6.12	6.00	7.13	R 6.51	2.96	R 5.35	18.67	R 10.33
1995	1.12	4.44	6.12	4.97	6.91	R 6.44	2.90	R 5.08	18.25	R 9.97
1996	1.05	4.32	7.00	6.00	9.24	R 7.93	R 3.32	5.59	18.15	10.06
1997	1.21	4.75	6.89	5.62	9.73	R 8.61	3.31	6.31	18.39	R 10.56
1998	1.24	4.97	5.79	4.31	7.18	R 6.55	2.87	5.51	19.01	10.67
1999	1.19	5.09	6.23	4.88	7.59	R 7.08	2.95	R 5.83	19.04	R 10.63
2000	1.17	6.15	9.02	9.18	10.84	R 10.22	4.43	7.89	18.86	R 11.72
2001	1.35	7.46	8.80	9.19	11.46	10.70	4.22	8.88	18.97	12.47
	Expenditures in Million Nominal Dollars									
1970	1.9	8.4	8.2	1.8	10.0	20.0	(s)	30.3	37.2	67.5
1975	1.9	15.4	11.5	0.3	15.4	27.3	0.1	44.7	59.5	104.2
1980	0.8	37.1	47.3	0.2	14.0	61.6	1.5	100.9	110.1	211.0
1985	R 1.0	57.9	R 50.6	0.6	5.2	R 56.4	1.6	R 116.8	185.1	R 302.0
1986	R 0.8	49.5	R 31.4	0.3	13.9	R 45.5	1.2	R 97.1	183.5	R 280.6
1987	R 0.5	44.1	R 30.7	0.2	12.0	R 42.8	1.0	R 88.4	175.4	R 263.8
1988	R 0.5	47.1	R 27.6	0.3	14.4	R 42.2	1.1	R 90.9	190.0	R 280.9
1989	0.5	46.0	R 34.4	0.4	22.6	R 57.4	1.2	R 105.1	188.0	R 293.1
1990	0.4	43.2	R 39.3	0.2	18.9	R 58.4	1.9	R 103.8	184.8	R 288.6
1991	R 0.5	49.8	R 33.4	0.3	25.0	R 58.7	1.9	111.0	192.4	303.4
1992	R 0.4	48.5	R 19.3	0.2	27.5	R 47.0	1.8	R 97.7	191.1	R 288.8
1993	0.3	56.0	R 26.6	0.3	17.2	R 44.1	1.5	R 101.9	202.5	R 304.5
1994	0.3	55.3	R 23.8	0.2	18.0	R 41.9	1.4	R 99.0	206.6	R 305.5
1995	0.2	52.2	R 25.6	0.1	19.4	R 45.1	1.5	R 99.1	210.7	R 309.8
1996	0.3	57.2	R 33.4	0.2	31.5	R 65.1	1.8	R 124.3	223.0	R 347.3
1997	0.3	56.7	R 24.2	0.2	53.5	R 77.8	1.2	R 136.0	215.6	R 351.6
1998	0.2	52.1	R 17.9	0.1	28.2	R 46.3	1.0	R 99.6	212.3	R 311.8
1999	0.3	56.2	R 17.6	0.5	39.5	R 57.5	1.1	R 115.1	214.8	R 329.9
2000	0.2	69.8	R 29.6	0.1	68.7	R 98.5	1.7	R 170.2	218.2	R 388.4
2001	0.3	81.2	25.2	0.2	83.1	108.5	1.4	191.3	225.3	416.6

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, North Dakota

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.74	0.67	1.06	—	1.30	2.83	0.84	1.45	0.60	0.90	6.62	1.77
1975	1.26	1.11	2.34	—	2.63	4.69	1.69	2.23	1.20	1.43	7.84	2.23
1980	2.63	3.26	6.45	—	5.23	9.97	3.78	5.63	3.06	4.04	12.16	5.36
1985	3.25	4.81	6.03	7.85	8.66	9.64	3.49	6.18	3.46	R 4.93	17.54	8.64
1986	3.07	4.59	3.69	6.32	8.58	6.92	1.92	R 4.41	2.78	4.36	17.53	8.59
1987	2.80	4.53	4.27	6.47	5.67	7.53	1.61	R 4.77	2.65	R 4.43	17.25	R 9.05
1988	2.65	4.25	3.86	6.35	5.22	8.05	2.49	R 4.75	2.67	4.16	17.41	8.50
1989	2.74	3.99	4.52	6.91	3.82	8.88	2.58	R 4.82	2.95	R 3.97	16.95	R 7.97
1990	2.72	4.06	5.50	8.28	6.47	9.87	2.64	R 6.33	3.56	R 4.23	17.10	R 8.84
1991	R 1.97	4.15	4.88	7.52	8.76	9.57	2.35	R 6.73	3.41	R 4.24	17.05	R 8.83
1992	2.67	4.33	4.68	7.13	8.12	9.29	2.30	R 6.33	3.12	4.42	17.22	R 9.08
1993	1.93	4.48	4.50	6.28	9.28	9.34	2.37	6.10	3.05	4.35	17.45	8.98
1994	2.14	4.23	4.29	6.00	8.14	9.16	2.51	R 5.41	2.96	4.11	17.18	R 8.79
1995	2.12	3.71	4.30	4.97	8.17	9.17	2.38	R 5.57	2.90	R 3.74	17.12	R 8.81
1996	2.01	3.72	5.24	6.00	9.92	9.84	2.94	R 6.80	3.32	R 3.87	16.81	8.67
1997	2.05	4.14	4.91	5.62	10.48	9.69	3.05	R 7.06	3.31	4.37	17.09	R 9.11
1998	2.01	4.21	3.82	4.31	9.36	8.48	2.64	R 5.53	2.87	R 4.20	17.25	R 9.35
1999	R 2.02	4.32	4.35	4.88	8.76	9.22	2.69	R 6.13	2.95	R 4.37	17.22	R 9.44
2000	1.98	5.60	7.04	9.18	11.66	12.05	3.93	R 9.04	4.43	5.78	17.01	R 10.19
2001	1.80	6.76	6.51	9.19	13.14	11.56	4.27	9.18	4.22	6.70	16.64	11.06
	Expenditures in Million Nominal Dollars											
1970	0.7	5.8	1.5	—	1.1	2.2	0.5	5.4	(s)	11.9	15.7	27.6
1975	1.8	13.7	2.4	—	2.0	2.3	5.2	12.0	(s)	27.6	21.5	49.1
1980	3.9	37.8	24.1	—	1.7	3.8	9.5	39.2	(s)	81.0	47.5	128.6
1985	R 6.6	51.7	R 17.6	(s)	0.9	3.5	1.4	R 23.5	(s)	R 81.8	121.2	R 203.0
1986	R 5.5	43.5	R 7.1	(s)	3.4	2.6	0.9	R 14.1	(s)	R 63.1	119.9	R 182.9
1987	R 2.9	37.6	R 6.6	(s)	2.3	2.9	0.3	R 12.2	(s)	R 52.8	116.0	R 168.7
1988	R 3.8	44.0	R 3.6	(s)	2.5	3.1	0.7	R 10.0	(s)	R 57.9	118.0	R 175.8
1989	R 5.0	44.5	R 5.7	(s)	2.1	2.8	0.4	R 11.1	(s)	R 60.6	115.0	R 175.6
1990	R 4.1	42.9	R 5.6	(s)	2.7	3.6	0.4	R 12.3	0.1	R 59.4	134.2	R 193.6
1991	R 3.0	46.6	4.5	(s)	5.5	2.2	0.1	12.3	0.1	R 62.1	139.5	R 201.5
1992	3.9	44.1	4.3	(s)	5.6	1.8	0.2	R 11.8	0.1	R 59.9	133.6	R 193.5
1993	3.2	50.5	3.8	(s)	4.5	0.5	0.2	9.0	0.1	62.9	138.1	201.0
1994	3.8	48.3	R 4.4	(s)	3.6	0.5	0.2	R 8.7	0.1	R 60.9	142.2	R 203.2
1995	3.1	45.4	R 3.7	(s)	4.0	0.5	0.3	R 8.6	0.1	R 57.2	159.4	R 216.6
1996	3.9	47.5	R 6.4	0.1	6.0	0.5	0.1	R 13.0	0.1	R 64.6	165.0	R 229.6
1997	3.8	47.3	R 7.4	(s)	10.2	0.5	0.2	R 18.2	0.1	R 69.4	161.5	R 231.0
1998	R 3.0	44.1	R 6.0	(s)	6.5	0.9	0.3	R 13.7	0.1	R 60.9	162.5	R 223.4
1999	R 3.3	45.2	R 5.9	(s)	8.0	1.0	0.3	R 15.3	0.1	R 63.9	164.1	227.9
2000	3.4	R 64.1	R 9.5	0.1	13.0	0.6	R 0.3	R 23.6	0.2	R 91.3	173.6	R 264.9
2001	3.0	72.8	9.9	0.1	16.8	0.6	1.0	28.4	0.1	104.4	203.0	307.4

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, North Dakota

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.74	0.74	0.38	0.79	0.79	0.85	1.30	5.08	2.83	0.94	0.43	1.48	R —	1.32	5.95	1.55
1975	—	1.26	1.26	1.00	2.08	2.72	2.90	2.63	7.48	4.69	1.94	1.31	3.24	R —	2.78	8.00	3.18
1980	—	2.63	2.63	2.58	3.85	5.50	5.76	5.23	14.36	9.97	3.19	4.04	6.29	—	5.51	9.94	6.02
1985	—	3.25	3.25	4.19	5.17	6.28	6.86	8.66	17.61	9.64	3.49	3.39	R 6.62	—	R 4.31	15.27	4.95
1986	—	3.07	3.07	3.92	4.07	4.06	4.93	8.58	15.59	6.92	1.92	—	R 4.90	3.00	R 3.62	15.60	4.22
1987	—	2.80	2.80	3.09	3.74	4.56	4.99	5.67	13.58	7.53	1.61	—	R 4.94	3.00	R 3.38	15.05	R 3.93
1988	—	2.65	2.65	3.23	3.53	4.22	4.56	5.22	14.62	8.05	2.49	—	R 4.74	3.00	3.21	14.44	3.84
1989	—	2.74	2.74	3.38	3.13	4.81	5.57	3.82	14.48	8.88	2.58	—	R 4.92	d 3.00	R d 3.33	14.56	R d 3.90
1990	—	2.72	2.72	3.24	3.32	5.87	6.88	6.47	14.60	9.87	2.64	—	5.91	2.17	R 3.55	14.05	R 4.03
1991	—	R 1.97	R 1.97	3.05	3.36	5.22	5.80	8.76	16.80	9.57	2.35	—	5.78	2.17	R 3.01	14.26	R 3.53
1992	—	2.67	2.67	3.11	2.58	5.16	5.12	8.12	18.32	9.29	2.30	—	5.00	2.17	3.28	14.27	R 3.76
1993	—	1.93	1.93	3.23	3.00	5.00	4.97	9.28	18.96	9.34	2.37	—	5.27	2.17	2.78	14.22	3.32
1994	—	2.14	2.14	3.13	3.00	4.86	5.34	7.14	19.11	9.16	2.51	—	4.96	R 0.99	R 2.87	13.81	R 3.40
1995	—	2.12	2.12	2.76	3.29	4.87	5.28	7.48	19.41	9.17	2.38	—	R 5.40	R 1.01	R 2.87	13.19	R 3.30
1996	—	2.01	2.01	2.87	3.23	5.85	6.39	9.11	20.08	9.84	2.94	—	R 6.17	1.07	R 3.04	13.00	3.50
1997	—	2.05	2.05	2.90	3.46	5.37	5.30	8.88	17.98	9.69	3.05	—	5.51	1.06	R 2.92	12.83	R 3.40
1998	—	2.01	2.01	2.72	3.09	4.24	4.32	7.76	19.07	8.48	2.64	—	4.65	R 1.00	2.68	12.61	3.17
1999	—	R 2.02	R 2.02	2.68	3.15	5.01	4.84	7.94	16.75	9.22	2.69	—	4.87	0.70	R 2.79	11.83	R 3.39
2000	—	1.98	1.98	R 4.00	4.81	7.96	8.17	12.72	17.99	12.05	3.93	—	R 8.24	0.85	3.54	11.65	R 4.09
2001	—	1.80	1.80	5.12	4.32	7.27	7.39	11.70	19.00	11.56	4.27	—	8.10	0.91	3.91	11.67	4.34
	Expenditures in Million Nominal Dollars																
1970	—	5.4	5.4	0.7	7.3	10.0	0.3	1.0	0.9	34.4	2.3	0.1	56.3	—	62.3	14.3	76.7
1975	—	9.4	9.4	1.9	14.6	25.6	0.8	1.8	1.0	54.1	4.6	0.5	102.9	—	114.1	27.0	141.1
1980	—	20.2	20.2	2.6	19.2	78.8	0.3	13.0	2.3	80.7	4.1	1.3	199.8	—	222.6	52.6	275.2
1985	—	230.8	230.8	8.7	35.9	R 105.5	(s)	10.3	2.5	54.7	4.8	1.0	R 214.8	—	R 454.3	101.1	R 555.5
1986	—	248.1	248.1	10.3	23.7	R 76.4	0.2	29.6	2.2	33.6	2.2	—	R 167.8	0.2	R 426.5	97.9	R 524.4
1987	—	245.2	245.2	7.7	22.0	R 75.2	(s)	20.4	2.2	40.7	2.3	—	R 162.7	0.2	R 415.7	91.8	R 507.6
1988	—	218.5	218.5	12.3	22.4	R 63.7	0.2	13.1	2.2	37.9	3.3	—	R 142.7	0.2	R 373.7	99.3	R 473.0
1989	—	244.1	244.1	15.0	19.2	R 90.7	(s)	9.9	2.3	38.2	3.0	—	R 163.3	d 0.1	R d 422.5	97.5	R d 520.0
1990	—	234.3	234.3	12.9	17.9	R 103.0	(s)	14.4	2.4	41.4	R 3.6	—	R 182.7	0.1	R 430.0	82.2	R 512.2
1991	—	R 166.2	R 166.2	13.7	17.3	R 92.9	0.1	26.5	2.4	39.4	R 2.6	—	R 181.3	0.1	R 361.3	83.5	R 444.8
1992	—	249.0	249.0	17.2	25.1	R 87.6	(s)	13.9	2.7	35.1	2.5	—	R 166.9	0.1	R 433.2	87.1	R 520.2
1993	—	176.5	176.5	18.5	18.2	R 86.2	(s)	14.9	2.8	33.1	R 3.7	—	R 158.9	0.1	R 353.9	90.0	R 443.9
1994	—	200.3	200.3	R 16.6	24.9	R 83.2	(s)	12.0	3.0	33.5	3.2	—	R 159.7	0.2	R 376.8	92.3	R 469.1
1995	—	210.7	210.7	R 16.4	17.3	R 85.6	(s)	21.8	3.0	32.8	1.1	—	R 161.6	R 0.3	R 389.1	77.7	R 466.8
1996	—	180.6	180.6	R 21.3	19.5	R 99.0	(s)	35.0	3.0	29.5	R 1.1	—	R 187.2	0.2	R 389.3	79.4	R 468.7
1997	—	175.7	175.7	R 58.9	28.5	R 81.5	(s)	23.0	2.8	22.7	1.7	—	R 160.3	0.2	R 395.1	88.5	R 483.6
1998	—	178.9	178.9	R 54.4	29.6	R 63.2	(s)	18.5	3.2	24.8	0.1	—	R 139.3	0.3	R 372.8	91.6	R 464.5
1999	—	R 178.4	R 178.4	R 45.9	43.8	R 68.9	(s)	27.1	2.8	20.9	R 0.2	—	R 163.7	0.3	R 388.3	118.5	R 506.8
2000	—	189.4	189.4	R 54.6	35.4	R 127.6	R 0.3	57.9	3.0	27.8	R 0.9	—	R 252.9	0.4	R 497.3	117.5	R 614.8
2001	—	168.1	168.1	86.7	38.1	144.6	0.1	127.1	2.9	31.7	0.3	—	344.8	0.6	600.2	106.6	706.8

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, North Dakota

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.74	—	2.17	1.33	0.75	1.30	5.08	2.83	0.83	2.19	2.19	—	2.19
1975	1.26	—	3.45	2.67	2.09	2.63	7.48	4.69	—	3.95	3.95	—	3.95
1980	—	—	9.02	7.23	6.47	5.23	14.36	9.97	—	8.74	8.74	—	8.74
1985	—	—	9.99	7.12	6.44	R 9.41	17.61	9.64	—	R 8.66	R 8.66	—	R 8.66
1986	—	—	8.41	6.46	4.90	R 9.32	15.59	6.92	2.34	R 6.65	R 6.65	—	R 6.65
1987	—	—	7.55	6.97	4.64	R 6.18	13.58	7.53	—	7.17	7.17	—	7.17
1988	—	—	7.41	7.14	4.37	R 5.79	14.62	8.05	—	7.49	7.49	—	7.49
1989	—	—	8.28	7.73	4.77	R 4.22	14.48	8.88	—	8.19	8.19	—	8.19
1990	—	4.18	9.32	8.96	6.11	R 7.21	14.60	9.87	—	R 9.31	R 9.31	—	R 9.31
1991	—	3.19	8.71	8.50	5.17	R 9.76	16.80	9.57	—	8.99	8.99	—	8.99
1992	—	4.07	8.54	8.32	4.89	R 9.04	18.32	9.29	—	8.63	8.63	—	8.63
1993	—	4.35	8.24	8.42	4.81	R 10.43	18.96	9.34	—	R 8.75	R 8.75	—	R 8.75
1994	—	3.96	7.96	8.15	4.57	R 10.24	19.11	9.16	—	R 8.65	R 8.65	—	R 8.65
1995	—	2.58	8.36	7.91	4.54	R 10.63	19.41	9.17	—	R 8.75	R 8.74	—	R 8.74
1996	—	1.47	9.29	9.17	5.23	R 10.53	20.08	9.84	—	R 9.64	9.63	—	9.63
1997	—	3.73	9.39	7.86	5.15	R 9.94	17.98	9.69	—	R 9.06	R 9.03	—	R 9.03
1998	—	3.86	8.11	7.91	4.05	R 9.80	19.07	8.48	—	R 8.37	8.36	—	8.36
1999	—	4.31	8.81	8.50	4.73	R 12.39	16.75	9.22	—	8.92	8.92	—	8.92
2000	—	5.32	R 10.87	R 10.97	7.33	R 15.77	17.99	12.05	—	R 11.60	R 11.59	—	R 11.59
2001	—	6.14	11.01	10.53	6.50	17.13	19.00	11.56	—	10.98	10.98	—	10.98
	Expenditures in Million Nominal Dollars												
1970	(s)	—	1.0	11.1	8.3	(s)	4.2	93.6	0.2	118.6	118.6	—	118.6
1975	(s)	—	1.5	29.2	20.9	(s)	6.2	191.2	—	249.1	249.1	—	249.1
1980	—	—	2.9	159.9	59.7	0.2	13.2	395.6	—	631.5	631.5	—	631.5
1985	—	—	0.2	R 124.8	58.3	R 0.4	14.7	388.7	—	R 587.0	R 587.0	—	R 587.0
1986	—	—	1.6	R 105.5	43.5	R 0.8	12.7	275.5	(s)	R 439.6	R 439.6	—	R 439.6
1987	—	—	1.1	R 123.3	31.5	0.3	12.6	306.1	—	R 474.8	R 474.8	—	R 474.8
1988	—	—	1.2	R 129.8	31.0	0.3	13.0	322.3	—	R 497.7	R 497.7	—	R 497.7
1989	—	—	1.3	R 133.2	34.5	R 0.3	13.2	350.8	—	R 533.3	R 533.3	—	R 533.3
1990	—	(s)	1.3	R 156.1	39.0	R 0.4	13.7	377.5	—	R 588.0	R 588.0	—	R 588.0
1991	—	(s)	1.2	R 158.1	27.0	0.5	14.1	373.4	—	R 574.5	R 574.5	—	R 574.5
1992	—	R 0.1	1.2	R 153.1	37.1	0.5	15.7	364.9	—	R 572.6	R 572.7	—	R 572.7
1993	—	R 0.2	2.6	R 168.5	32.6	R 0.7	16.6	382.8	—	R 603.7	R 603.9	—	R 603.9
1994	—	R 0.2	1.7	R 182.1	21.1	0.7	17.5	368.0	—	R 591.1	R 591.2	—	R 591.2
1995	—	R 0.1	2.7	R 185.0	8.5	0.5	17.4	380.5	—	R 594.7	R 594.9	—	R 594.9
1996	—	R 0.1	2.4	R 226.6	7.3	R 0.8	17.5	415.6	—	R 670.1	R 670.2	—	R 670.2
1997	—	R 1.3	1.6	R 201.9	5.5	0.4	16.5	412.5	—	R 638.4	R 639.7	—	R 639.7
1998	—	R 0.2	1.8	R 171.8	4.9	R 0.2	18.4	357.8	—	R 554.8	R 554.9	—	R 554.9
1999	—	R 0.2	1.8	R 217.2	10.9	0.4	16.3	396.6	—	R 643.2	R 643.4	—	R 643.4
2000	—	R 0.3	R 1.9	R 265.6	17.2	0.3	17.2	506.1	—	R 808.3	R 808.6	—	R 808.6
2001	—	0.4	4.8	284.1	27.7	0.5	16.7	478.3	—	812.0	812.4	—	812.4

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, North Dakota (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.25	0.35	0.90	1.23	—	0.96	—	—	1.31	0.99	0.27
1975	0.26	0.66	1.93	2.12	—	1.94	—	—	2.65	2.02	0.42
1980	0.56	2.47	—	6.07	—	6.07	—	—	4.72	3.59	0.82
1985	0.88	4.74	—	5.52	—	5.52	—	—	6.36	4.84	1.10
1986	0.82	5.22	—	3.71	—	3.71	—	—	6.31	4.80	0.90
1987	0.79	4.43	—	4.19	—	4.19	—	—	6.11	4.65	0.91
1988	0.70	4.29	—	3.80	—	3.80	—	—	6.02	4.58	0.74
1989	0.69	4.39	—	4.41	—	4.41	—	—	6.05	4.60	0.71
1990	0.69	3.86	—	5.60	—	5.60	—	—	5.84	5.66	0.69
1991	0.71	4.34	—	4.49	—	4.49	—	—	4.60	3.06	0.72
1992	0.72	4.03	—	4.76	—	4.76	—	—	4.37	3.19	0.75
1993	0.71	4.25	—	4.42	—	4.42	—	—	4.01	2.89	0.76
1994	0.70	3.76	—	4.11	—	4.11	—	—	4.09	2.27	0.75
1995	0.73	3.49	—	4.18	—	4.18	—	—	4.04	2.18	0.77
1996	0.74	2.77	—	5.05	—	5.05	—	—	3.82	2.31	0.78
1997	0.78	3.22	—	4.59	—	4.59	—	—	3.77	1.62	0.80
1998	0.76	—	—	3.12	—	3.12	—	—	4.01	3.02	0.76
1999	0.73	—	—	4.17	—	4.17	—	—	4.92	4.16	0.73
2000	0.72	—	—	6.92	—	6.92	—	—	3.04	3.52	0.75
2001	0.74	6.87	—	6.39	—	6.39	—	—	3.29	3.82	0.76
	Expenditures in Million Nominal Dollars										
1970	12.0	0.1	0.1	(s)	—	0.2	—	—	1.3	(s)	13.6
1975	15.4	0.1	0.2	(s)	—	0.2	—	—	10.6	(s)	26.3
1980	85.5	(s)	—	2.4	—	2.4	—	—	49.1	2.4	134.6
1985	201.1	(s)	—	2.4	—	2.4	—	—	58.7	1.0	261.1
1986	186.8	(s)	—	1.2	—	1.2	—	—	21.5	0.4	209.2
1987	182.5	(s)	—	1.2	—	1.2	—	—	32.7	3.0	213.5
1988	200.8	(s)	—	1.0	—	1.0	—	—	17.0	6.8	211.9
1989	189.1	(s)	—	1.9	—	1.9	—	—	5.1	3.1	193.0
1990	196.4	(s)	—	1.8	—	1.8	—	—	5.0	4.4	198.8
1991	207.5	(s)	—	1.8	—	1.8	—	—	4.0	0.9	212.4
1992	219.4	(s)	—	1.6	—	1.6	—	—	10.2	0.1	231.1
1993	218.7	(s)	—	1.8	—	1.8	—	—	17.8	2.3	235.9
1994	215.8	(s)	—	2.7	—	2.7	—	—	15.3	1.0	232.8
1995	218.9	(s)	—	2.4	—	2.4	—	—	10.8	0.4	231.7
1996	229.8	(s)	—	4.6	—	4.6	—	—	12.1	0.5	246.0
1997	231.9	(s)	—	4.1	—	4.1	—	—	3.5	0.8	238.6
1998	242.8	—	—	1.6	—	1.6	—	—	3.1	4.4	243.1
1999	234.7	—	—	2.0	—	2.0	—	—	3.0	4.8	234.9
2000	236.8	—	—	3.8	—	3.8	—	—	14.9	9.5	246.1
2001	240.5	(s)	—	2.4	—	2.4	—	—	17.0	12.3	247.7

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Ohio

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	0.42	0.34	0.36	0.74	1.13	0.74	1.73	2.93	0.61	1.58	2.19	—	1.18	0.98	0.30	4.68	1.50
1975	1.57	1.03	1.14	1.30	2.53	2.09	3.73	4.73	2.14	3.15	3.82	—	1.44	2.00	0.98	7.94	3.05
1980	2.00	1.47	1.56	3.27	6.44	6.38	5.48	9.45	3.34	7.42	7.75	0.28	2.23	4.08	1.50	12.97	6.23
1985	2.05	R 1.68	1.71	5.32	R 7.68	6.04	R 9.93	9.15	4.21	8.31	8.67	1.09	2.15	4.81	1.70	16.90	8.23
1986	2.04	1.61	R 1.66	5.11	R 5.80	3.85	R 9.18	6.78	2.60	6.68	6.50	0.72	1.86	4.01	1.63	17.23	7.31
1987	1.72	1.54	1.56	4.70	R 6.03	4.04	R 8.69	7.36	2.84	6.17	R 6.80	0.73	1.89	3.92	1.51	16.97	R 7.30
1988	1.73	1.51	1.53	4.55	R 5.93	3.92	R 8.73	7.43	2.50	6.35	R 6.81	1.33	1.90	3.86	1.52	16.90	7.20
1989	1.75	1.48	1.51	4.65	R 6.57	4.49	R 9.61	8.18	2.62	R 5.79	R 7.32	1.32	R e 1.60	R e 4.03	1.48	16.83	R e 7.58
1990	1.80	1.51	1.54	4.53	R 7.76	5.73	R 10.75	9.35	2.60	R 6.15	R 8.35	1.24	R 1.96	4.34	1.50	17.34	R 8.19
1991	1.72	1.48	1.49	4.53	R 7.43	4.95	R 10.37	9.23	2.35	R 6.21	R 8.21	1.14	R 1.90	R 4.21	1.45	17.98	R 8.34
1992	1.74	1.44	1.46	4.55	R 7.14	4.64	R 9.73	8.98	2.27	R 5.99	R 7.91	1.12	R 1.92	R 4.15	1.40	17.84	R 8.17
1993	1.68	1.42	1.43	5.03	R 7.18	4.30	R 9.95	8.82	2.42	R 6.64	7.95	1.07	R 1.85	R 4.33	1.39	18.30	8.50
1994	1.57	R 1.44	R 1.45	5.06	R 7.14	4.02	R 8.21	9.12	2.64	R 6.56	R 7.96	1.06	R 1.45	R 4.37	1.42	18.21	R 8.52
1995	1.57	1.42	1.43	4.58	R 7.12	4.02	R 8.54	9.28	2.70	R 6.75	R 8.13	1.00	R 1.53	R 4.25	1.38	18.37	8.49
1996	1.68	1.35	1.36	4.93	R 8.18	4.81	R 10.23	9.88	3.04	R 6.68	R 8.73	0.87	R 1.34	R 4.52	1.30	18.52	R 8.82
1997	R 1.75	1.33	1.34	5.69	7.92	4.55	R 10.78	9.78	3.30	R 6.21	R 8.49	R 0.66	R 1.21	R 4.67	1.26	18.40	R 9.00
1998	R 1.67	1.37	1.38	R 5.24	R 6.94	3.44	R 9.82	8.80	R 2.48	R 5.95	R 7.59	R 0.55	R 1.44	R 4.21	1.28	18.78	R 8.69
1999	R 1.74	1.37	1.38	R 4.99	R 7.61	3.96	R 9.64	9.58	R 2.81	R 5.83	8.09	R 0.48	R 1.55	R 4.45	1.28	18.83	R 8.88
2000	R 1.66	1.46	R 1.46	R 6.29	R 10.25	6.57	R 13.44	12.23	R 4.00	R 7.28	R 10.59	R 0.46	R 1.70	R 5.56	R 1.38	18.84	R 10.36
2001	1.73	1.32	1.33	7.97	9.60	5.85	13.87	11.58	4.04	6.93	10.04	0.41	2.00	5.80	1.27	19.57	10.92
	Expenditures in Million Nominal Dollars																
1970	146.6	414.6	561.2	769.2	224.5	24.4	56.5	1,637.3	17.6	257.7	2,217.9	—	9.0	3,557.3	-245.5	1,344.1	4,655.9
1975	519.3	1,326.6	1,845.8	1,243.3	621.6	70.7	127.6	2,949.3	117.1	453.0	4,339.4	—	11.5	7,439.9	-1,046.9	2,773.5	9,166.6
1980	549.5	1,837.5	2,387.0	2,887.6	1,828.0	259.2	883.2	5,623.4	122.1	1,165.4	9,881.3	6.4	39.9	15,202.2	-1,729.9	4,904.7	18,377.0
1985	287.8	R 2,092.0	R 2,379.8	3,944.8	R 1,637.3	245.3	R 976.5	5,225.9	33.6	1,005.7	R 9,124.3	22.6	47.8	R 15,519.2	-1,919.3	7,080.8	R 20,680.7
1986	283.0	R 2,087.1	R 2,370.1	3,711.1	R 1,216.1	215.8	R 480.7	3,986.6	24.5	877.5	6,801.2	0.2	39.3	R 12,921.8	-1,870.3	7,209.8	R 18,261.3
1987	246.8	R 1,990.3	R 2,237.1	3,382.8	R 1,222.2	246.2	R 497.1	4,488.2	27.0	917.9	R 7,398.5	57.2	43.0	R 13,118.7	-1,842.3	7,450.8	R 18,727.2
1988	252.4	R 2,005.2	R 2,257.6	3,688.3	R 1,301.8	203.8	R 346.9	4,570.4	32.7	828.4	R 7,283.9	119.2	R 44.6	R 13,393.5	-1,913.8	7,649.6	R 19,129.3
1989	247.6	R 1,965.1	R 2,212.7	R 3,826.2	R 1,504.6	263.6	R 453.1	4,926.0	R 28.8	R 908.0	R 8,084.2	177.4	R e 46.8	R e 14,347.1	R -1,985.3	8,033.4	R e 20,395.2
1990	239.0	R 1,953.0	R 2,192.0	3,390.5	R 1,699.6	343.5	R 417.7	5,425.5	R 20.1	R 957.3	R 8,863.7	140.0	R 50.1	R 14,636.3	R -1,919.6	8,321.8	R 21,038.5
1991	170.7	R 1,939.6	R 2,110.2	R 3,509.1	R 1,533.9	291.0	R 410.6	5,327.6	R 13.2	R 898.0	R 8,474.4	177.7	R 54.2	R 14,325.5	R -1,956.6	8,825.7	R 21,194.6
1992	175.2	R 1,892.6	R 2,067.8	R 3,705.9	R 1,560.4	279.0	R 508.5	5,126.7	R 15.2	R 946.0	R 8,435.8	173.2	R 48.5	R 14,431.3	R -1,921.4	8,717.3	R 21,227.2
1993	130.3	R 1,917.0	R 2,047.3	R 4,219.5	R 1,622.1	259.1	R 532.7	5,315.0	R 21.7	R 938.4	R 8,688.9	112.3	R 29.3	R 15,097.4	R -1,884.7	9,162.9	R 22,375.5
1994	129.9	R 1,879.2	R 2,009.1	R 4,237.7	R 1,686.6	265.7	R 443.6	5,400.0	R 21.3	R 962.3	R 8,779.4	121.7	R 52.8	R 15,200.7	R -1,877.6	9,475.8	R 22,798.9
1995	117.2	1,856.7	R 1,973.8	R 4,070.6	R 1,666.8	256.2	R 434.2	5,623.3	R 12.7	R 971.4	R 8,964.6	176.8	R 58.4	R 15,244.2	R -1,923.1	9,828.8	R 23,149.9
1996	82.9	R 1,886.0	R 1,968.8	R 4,590.7	R 2,097.9	326.5	R 584.6	5,945.0	R 16.0	R 1,123.9	R 10,093.9	126.7	R 64.5	R 16,844.6	R -1,881.4	9,905.9	R 24,869.0
1997	R 86.7	R 1,801.3	R 1,887.9	R 5,132.1	R 2,172.2	325.0	R 429.9	6,035.0	R 13.3	R 1,187.2	R 10,162.6	R 105.9	R 56.2	R 17,344.7	R -1,795.4	9,831.1	R 25,380.5
1998	R 83.5	R 1,913.3	R 1,996.8	R 4,234.1	R 1,850.3	269.4	R 305.0	5,500.6	R 4.1	R 1,155.9	R 9,085.2	R 94.9	R 62.1	R 15,473.1	R -1,907.8	10,115.3	R 23,680.6
1999	85.4	R 1,821.4	R 1,906.8	R 4,185.8	R 2,126.2	369.1	R 447.0	6,037.6	R 6.1	R 1,228.4	R 10,214.4	R 82.6	R 77.1	R 16,466.7	R -1,838.8	10,435.0	R 25,062.9
2000	R 73.3	R 2,018.8	R 2,092.2	R 5,601.4	R 2,915.0	695.0	R 576.4	7,728.3	R 22.4	R 1,324.0	R 13,261.1	R 81.1	R 90.0	R 21,125.7	R -2,075.2	10,499.2	R 29,549.6
2001	62.4	1,727.2	1,789.6	6,403.5	2,765.7	616.5	486.4	7,324.9	11.4	1,170.9	12,375.7	66.2	44.2	20,679.3	-1,808.3	10,199.5	29,070.5

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Ohio

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.05	0.88	1.41	1.42	2.14	1.54	0.57	0.98	6.99	1.68
1975	2.62	1.47	2.51	2.90	4.53	2.96	1.12	1.74	10.93	3.11
1980	3.07	3.49	6.63	8.07	7.66	6.94	2.87	3.91	16.29	6.33
1985	3.00	5.79	7.55	8.21	10.09	R 8.31	3.24	5.98	22.49	R 9.70
1986	2.86	5.55	5.88	6.91	9.59	R 7.01	2.60	R 5.62	22.45	R 9.48
1987	2.74	5.12	5.66	6.70	8.88	R 6.79	2.48	5.23	22.56	R 9.35
1988	2.65	5.01	5.66	6.50	8.40	R 6.57	2.50	5.12	22.24	R 9.16
1989	2.69	5.11	6.18	7.25	11.42	R 7.94	R 2.76	R 5.38	22.79	R 9.41
1990	2.80	5.09	7.43	8.54	12.05	R 9.03	3.56	R 5.51	23.58	R 10.10
1991	2.64	5.06	6.89	7.28	10.71	R 8.31	3.41	5.37	23.91	10.23
1992	2.55	5.02	6.33	6.53	10.72	R 7.74	3.12	R 5.25	24.14	9.88
1993	2.65	5.50	6.36	5.85	9.89	7.56	3.05	R 5.68	24.51	10.44
1994	2.61	5.67	6.15	6.19	10.07	R 7.56	2.96	5.84	25.08	R 10.80
1995	2.64	5.26	6.12	6.28	10.15	R 7.73	2.90	R 5.48	25.20	R 10.64
1996	2.50	5.68	6.97	6.71	11.57	R 9.14	R 3.32	6.03	25.19	10.89
1997	2.57	6.46	6.91	6.88	11.79	R 9.33	3.31	R 6.74	25.29	R 11.58
1998	2.64	6.18	5.81	6.11	10.60	R 8.18	2.87	R 6.37	25.51	12.12
1999	2.61	6.02	6.21	6.71	10.60	R 8.46	2.95	6.33	25.43	R 11.88
2000	2.47	7.39	9.24	9.22	14.08	R 11.85	4.43	7.83	25.23	R 12.72
2001	2.88	9.28	8.78	8.97	16.07	12.12	4.22	9.49	24.54	14.16
	Expenditures in Million Nominal Dollars									
1970	21.9	414.0	76.5	24.1	31.5	132.0	1.9	569.8	531.1	1,100.9
1975	19.9	643.4	157.8	33.8	82.0	273.6	3.9	940.9	1,039.7	1,980.5
1980	8.3	1,396.3	286.8	46.5	72.0	405.3	23.5	1,833.4	1,859.9	3,693.3
1985	R 13.5	1,978.7	R 204.2	43.8	121.3	R 369.4	R 26.4	R 2,388.0	2,604.3	R 4,992.3
1986	R 16.6	1,898.7	R 165.3	46.3	120.2	R 331.8	R 20.6	R 2,267.6	2,698.4	R 4,966.0
1987	R 12.3	1,746.7	R 150.9	40.7	131.9	R 323.5	R 21.8	R 2,104.3	2,826.2	R 4,930.4
1988	R 10.3	1,826.7	R 161.5	46.4	122.2	R 330.1	22.8	R 2,189.9	2,938.0	R 5,127.9
1989	R 7.4	1,910.7	R 191.7	35.9	190.1	R 417.8	26.2	R 2,362.0	3,017.0	R 5,379.0
1990	R 8.8	1,631.0	R 205.1	30.2	183.7	R 419.0	35.1	R 2,094.1	3,049.0	R 5,143.0
1991	R 5.6	1,698.7	R 169.0	27.9	172.3	R 369.2	R 35.5	R 2,109.0	3,339.5	R 5,448.5
1992	R 6.6	1,771.3	R 170.5	27.0	154.9	R 352.4	34.1	R 2,164.4	3,224.5	R 5,388.9
1993	R 6.8	2,022.0	R 166.2	27.8	168.3	R 362.4	17.0	R 2,408.1	3,507.6	R 5,915.7
1994	4.8	2,018.8	R 159.6	24.9	169.2	R 353.7	16.2	R 2,393.5	3,576.4	R 5,969.8
1995	3.4	1,953.3	R 142.5	26.7	183.1	R 352.2	17.6	R 2,326.6	3,784.4	R 6,111.1
1996	4.7	2,211.5	R 153.4	31.2	279.4	R 463.9	20.2	R 2,700.2	3,831.2	R 6,531.4
1997	2.2	2,393.2	R 133.9	30.2	275.8	R 439.9	11.8	R 2,847.1	3,764.6	R 6,611.7
1998	R 2.9	1,907.0	R 97.8	26.8	214.4	R 339.1	9.3	R 2,258.2	3,874.7	R 6,132.9
1999	R 1.6	1,985.7	R 124.1	49.3	286.8	R 460.2	10.2	R 2,457.7	4,045.7	R 6,503.4
2000	1.4	R 2,648.2	R 161.4	R 21.9	328.6	R 511.9	16.1	R 3,177.6	4,002.2	R 7,179.7
2001	1.8	2,983.4	141.4	22.5	250.4	414.2	13.1	3,412.5	3,962.5	7,374.9

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Ohio

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.40	0.75	1.20	0.84	1.39	2.93	0.69	1.26	0.57	0.77	6.33	1.91
1975	1.31	1.31	2.33	2.48	2.83	4.73	2.20	2.74	1.12	1.51	10.10	3.53
1980	1.34	3.26	6.28	6.01	5.34	9.45	3.58	7.13	2.87	3.73	15.71	7.03
1985	1.49	5.34	6.12	8.21	9.90	9.15	4.18	R 7.18	3.24	R 5.21	20.91	R 10.68
1986	1.45	5.11	3.85	6.91	9.03	6.78	2.60	R 5.40	2.60	R 4.78	20.73	R 10.38
1987	1.39	4.68	4.34	6.70	8.61	7.36	2.83	R 5.95	2.48	4.60	20.29	10.17
1988	1.39	4.57	3.88	6.50	8.89	7.43	2.51	R 6.01	2.50	4.59	19.97	9.94
1989	1.39	4.70	4.51	7.25	8.57	8.18	2.60	R 6.58	2.56	R 4.78	20.66	R 10.55
1990	1.44	4.50	5.53	8.54	9.83	9.35	2.54	R 7.26	3.38	R 4.60	21.31	R 11.17
1991	1.43	4.56	4.94	7.28	10.07	9.23	2.30	6.96	3.41	R 4.63	21.55	R 11.46
1992	1.44	4.56	4.71	6.53	9.32	8.98	2.23	6.29	2.99	4.51	21.72	R 11.17
1993	1.42	5.05	4.62	5.85	9.94	8.82	2.42	6.40	2.90	4.93	21.78	11.59
1994	1.46	5.19	4.30	6.19	8.14	9.12	2.64	R 6.01	2.81	R 5.05	22.16	R 11.88
1995	1.44	4.74	4.30	6.28	8.17	9.28	2.69	R 5.84	2.69	4.68	22.04	R 11.59
1996	1.44	5.18	5.24	6.71	9.92	9.88	3.02	R 7.27	2.81	5.09	22.12	11.55
1997	1.39	5.96	4.91	6.88	10.48	9.78	3.32	R 8.10	1.75	R 6.02	21.97	R 12.15
1998	1.38	R 5.60	3.84	6.11	9.36	8.80	2.45	R 6.58	1.92	R 5.47	22.05	R 12.67
1999	1.41	5.39	4.42	6.71	8.76	9.58	—	R 6.02	2.15	R 5.34	22.03	R 12.50
2000	1.47	R 6.73	7.12	9.22	11.66	12.23	—	R 9.05	2.77	R 6.79	21.93	R 13.17
2001	1.54	8.32	6.61	8.97	13.14	11.58	4.14	8.23	3.01	8.13	24.13	14.91
	Expenditures in Million Nominal Dollars											
1970	6.5	140.0	13.0	0.7	3.6	6.2	3.6	27.1	(s)	173.6	368.9	542.5
1975	23.2	227.6	29.0	1.5	9.0	23.7	20.1	83.5	0.1	334.3	690.8	1,025.1
1980	13.7	551.1	94.8	4.4	8.9	102.2	8.5	218.8	0.6	784.1	1,250.1	2,034.3
1985	R 23.7	799.0	R 75.3	20.5	21.0	29.0	2.2	R 148.0	0.7	R 971.4	2,081.8	R 3,053.3
1986	R 28.3	743.7	R 50.2	7.4	20.0	66.3	2.6	R 146.5	0.6	R 919.1	2,155.1	R 3,074.2
1987	R 21.0	718.7	R 58.9	7.2	22.5	78.1	0.9	R 167.6	0.7	R 908.0	2,199.0	R 3,107.0
1988	R 19.1	754.3	R 53.2	9.7	22.8	118.0	1.2	R 205.0	0.8	R 979.2	2,270.3	R 3,249.5
1989	R 14.3	791.4	R 51.7	9.9	25.2	88.5	0.3	R 175.5	1.0	R 982.3	2,430.0	R 3,412.3
1990	R 18.2	671.6	R 61.9	9.2	26.4	52.0	0.4	R 149.8	2.3	R 841.9	2,533.6	R 3,375.5
1991	R 13.8	715.6	R 46.4	7.4	28.6	44.9	0.6	R 127.9	2.3	R 859.6	2,707.3	R 3,566.8
1992	R 17.0	758.2	R 45.8	2.5	23.8	31.7	1.0	R 104.8	2.3	R 882.3	2,678.8	R 3,561.1
1993	R 16.5	859.6	R 37.4	6.7	29.9	18.2	0.4	R 92.5	1.4	R 970.0	2,804.6	R 3,774.6
1994	15.0	897.4	R 34.2	5.1	24.1	21.4	0.1	R 84.9	1.4	R 998.7	2,912.7	R 3,911.4
1995	12.5	861.8	R 42.8	3.2	26.0	21.2	0.1	R 93.2	1.4	R 968.9	3,014.7	R 3,983.6
1996	19.8	1,022.0	R 40.7	5.9	42.3	18.8	(s)	R 107.7	1.8	R 1,151.3	3,062.3	R 4,213.7
1997	9.7	1,145.3	R 40.1	4.9	43.2	99.7	(s)	R 188.1	2.0	R 1,345.1	3,068.1	R 4,413.2
1998	R 12.1	913.2	R 25.1	7.6	33.4	34.1	(s)	R 100.2	1.8	R 1,027.3	3,177.9	R 4,205.2
1999	R 6.5	936.7	R 46.6	4.9	41.8	8.7	—	R 102.1	1.9	R 1,047.2	3,254.2	R 4,301.5
2000	6.8	R 1,247.2	R 72.1	R 6.9	48.0	33.4	—	R 160.5	2.7	R 1,417.2	3,339.1	R 4,756.3
2001	7.6	1,495.9	72.6	7.4	36.1	12.9	(s)	129.1	1.8	1,634.4	3,563.6	5,197.9

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Ohio

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	0.42	0.40	0.41	0.57	0.74	0.77	0.84	1.39	5.08	2.93	0.55	1.29	1.24	1.69	0.60	2.90	0.84
1975	1.57	1.31	1.47	1.08	2.03	2.31	2.48	2.83	7.48	4.73	2.17	2.63	2.65	1.69	1.60	5.61	2.17
1980	2.00	1.34	1.79	3.01	3.66	5.45	6.01	5.34	14.36	9.45	3.31	7.79	5.84	1.67	3.56	9.73	4.43
1985	2.05	1.49	1.78	4.66	4.43	6.39	6.98	9.90	17.61	9.15	4.18	7.61	R 8.13	1.67	4.70	11.75	6.18
1986	2.04	1.45	1.76	4.48	3.70	4.22	5.05	9.03	15.59	6.78	2.60	5.86	R 6.13	1.70	3.88	12.12	5.64
1987	1.72	1.39	1.56	4.09	3.23	4.70	5.19	8.61	13.58	7.36	2.83	6.15	R 5.95	1.70	R 3.64	11.80	5.42
1988	1.73	1.39	1.56	3.94	3.23	4.39	4.73	8.89	14.62	7.43	2.51	5.33	R 5.72	1.70	R 3.42	11.79	5.20
1989	1.75	1.39	1.59	4.02	2.99	5.04	5.78	8.57	14.48	8.18	2.60	R 5.50	R 5.54	R d 1.29	R d 3.58	11.36	R d 5.36
1990	1.80	1.44	1.63	3.92	3.13	6.14	6.91	9.83	14.60	9.35	2.54	R 5.85	R 6.02	R 1.12	3.70	11.81	R 5.63
1991	1.72	1.43	1.56	3.92	2.96	5.35	5.83	10.07	16.80	9.23	2.30	R 5.54	R 5.98	R 1.21	R 3.69	12.31	R 5.80
1992	1.74	1.44	1.60	4.01	2.33	5.16	5.16	9.32	18.32	8.98	2.23	R 5.51	R 6.00	R 1.26	R 3.96	12.14	R 5.92
1993	1.68	1.42	1.53	4.47	2.91	4.88	5.01	9.94	18.96	8.82	2.42	R 5.38	6.26	R 1.28	R 4.22	12.45	R 6.26
1994	1.57	1.46	R 1.51	4.29	2.95	4.74	5.21	7.14	19.11	9.12	2.64	R 5.26	R 5.76	R 1.17	R 3.93	12.12	R 6.00
1995	1.57	1.44	1.50	3.79	3.21	4.75	4.81	7.48	19.41	9.28	2.69	R 5.41	R 5.99	R 1.26	R 3.78	12.21	R 5.93
1996	1.68	1.44	1.52	3.95	3.30	5.72	5.69	9.11	20.08	9.88	3.02	R 5.96	R 6.34	R 1.03	R 4.05	12.33	R 6.08
1997	R 1.75	1.39	R 1.52	4.72	3.55	5.36	5.35	8.88	17.98	9.78	3.32	R 5.78	R 5.79	R 1.03	R 4.24	12.20	R 6.21
1998	R 1.67	1.38	R 1.48	4.22	3.54	4.33	4.01	7.76	19.07	8.80	2.45	R 4.42	R 5.30	R 1.32	R 3.87	12.62	R 6.05
1999	R 1.74	1.41	R 1.54	3.80	3.43	5.11	5.19	7.94	16.75	9.58	2.82	R 5.17	R 5.47	R 1.45	R 3.81	12.68	R 6.02
2000	R 1.66	1.47	1.55	R 4.93	4.30	8.14	8.32	12.83	17.99	12.23	4.02	R 7.13	R 7.28	R 1.49	R 4.91	12.82	R 6.93
2001	1.73	1.54	1.61	6.31	4.22	7.56	7.70	11.70	19.00	11.58	4.14	5.90	7.05	1.66	5.73	12.61	7.48
	Expenditures in Million Nominal Dollars																
1970	146.6	155.3	301.9	206.6	44.3	50.5	15.9	20.7	73.7	29.7	7.9	53.0	295.5	7.1	811.1	443.4	1,254.4
1975	519.3	296.0	815.2	366.0	118.0	149.7	20.2	34.7	90.2	37.7	73.0	107.1	630.6	7.5	1,819.3	1,042.0	2,861.2
1980	549.5	174.1	723.6	926.5	178.1	396.8	44.5	797.9	208.6	57.3	95.1	537.6	2,316.0	15.8	3,981.9	1,792.6	5,774.5
1985	287.8	185.8	473.5	1,163.5	186.3	R 257.8	13.0	819.7	232.8	51.6	27.5	354.2	R 1,942.9	18.6	R 3,598.4	2,391.2	R 5,989.6
1986	283.0	187.9	470.9	1,065.9	180.3	R 150.4	5.6	326.2	201.5	36.3	20.4	300.5	R 1,221.2	17.1	R 2,775.1	2,352.8	R 5,127.9
1987	246.8	192.0	438.9	914.7	193.3	R 159.5	5.8	330.8	198.4	39.9	23.9	345.3	R 1,296.8	17.1	R 2,667.4	2,422.9	R 5,090.3
1988	252.4	205.5	457.8	1,103.9	136.4	R 139.4	5.9	189.5	206.0	40.0	25.3	289.1	R 1,031.6	17.8	R 2,611.1	2,438.6	R 5,049.6
1989	247.6	159.7	407.3	1,120.9	210.5	R 179.6	7.3	224.7	209.3	43.7	R 19.9	R 300.0	R 1,195.1	R d 19.6	R d 2,742.9	2,583.4	R d 5,326.3
1990	239.0	166.5	405.5	1,084.4	205.0	R 213.5	3.4	193.1	217.2	47.8	R 17.0	R 351.9	R 1,248.9	R 12.6	R 2,751.5	2,736.5	R 5,488.0
1991	170.7	167.7	338.4	1,087.4	176.5	R 163.0	3.8	197.6	223.5	46.7	R 9.8	R 316.4	R 1,137.2	R 16.4	R 2,579.5	2,776.1	R 5,355.6
1992	175.2	139.9	315.1	1,169.3	153.2	R 190.6	4.0	320.1	248.5	131.8	R 12.3	R 353.4	R 1,413.7	R 12.1	R 2,910.2	2,810.8	R 5,721.0
1993	130.3	142.7	273.0	R 1,329.3	148.4	R 185.6	8.9	324.3	261.9	52.0	R 20.7	R 320.3	R 1,322.0	R 10.9	R 2,935.2	2,847.6	R 5,782.9
1994	129.9	135.6	R 265.5	R 1,309.6	173.4	R 178.8	6.2	232.5	275.9	52.4	R 19.7	R 305.1	R 1,244.0	R 34.8	R 2,853.9	2,983.6	R 5,837.5
1995	117.2	126.9	244.1	R 1,237.3	191.4	R 161.9	5.1	214.9	275.5	58.1	R 11.7	R 295.7	R 1,214.2	R 38.9	R 2,734.5	3,026.6	R 5,761.1
1996	82.9	133.8	216.6	R 1,346.2	246.3	R 186.5	7.1	253.9	276.6	62.0	R 14.4	R 376.1	R 1,422.9	R 42.1	R 3,027.8	3,009.2	R 6,037.0
1997	R 86.7	R 127.7	R 214.3	R 1,578.0	338.4	R 178.3	7.4	100.7	261.5	62.8	R 12.1	R 371.2	R 1,332.4	R 42.0	R 3,166.8	2,995.4	R 6,162.2
1998	R 83.5	R 123.5	R 206.9	R 1,386.9	296.9	R 135.2	6.0	53.4	290.4	60.1	R 3.0	R 340.5	R 1,185.4	R 50.6	R 2,829.8	3,059.8	R 5,889.6
1999	85.4	115.9	R 201.4	R 1,226.4	321.1	R 156.7	3.0	109.8	257.7	56.2	R 5.6	R 428.2	R 1,338.4	R 64.5	R 2,830.6	3,132.0	R 5,962.6
2000	R 73.3	R 98.3	R 171.7	R 1,653.3	376.1	R 230.6	R 4.5	191.4	272.7	45.0	R 21.9	R 467.6	R 1,609.9	R 70.5	R 3,505.3	3,154.7	R 6,660.0
2001	62.4	89.7	152.1	1,833.2	330.4	240.7	8.9	187.4	263.9	113.0	9.6	372.6	1,526.4	28.8	3,540.6	2,670.9	6,211.5

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Ohio

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.40	—	2.17	1.26	0.74	1.39	5.08	2.93	0.64	2.66	2.66	4.05	2.66
1975	1.31	—	3.45	2.76	2.08	2.83	7.48	4.73	1.61	4.39	4.38	7.63	4.39
1980	—	—	9.02	6.95	6.38	5.34	14.36	9.45	3.02	8.87	8.87	13.51	8.87
1985	—	—	9.99	8.28	6.04	R 10.56	17.61	9.15	—	8.92	8.92	22.10	8.92
1986	—	—	8.41	6.47	3.85	R 9.63	15.59	6.78	2.51	6.61	6.61	23.15	R 6.62
1987	—	—	7.55	6.70	4.04	R 9.29	13.58	7.36	2.84	7.07	7.07	17.79	7.07
1988	—	—	7.41	6.57	3.92	R 9.71	14.62	7.43	2.16	7.13	7.13	17.01	7.13
1989	—	—	8.28	7.22	4.49	R 9.49	14.48	8.18	2.32	R 7.81	R 7.81	17.59	R 7.81
1990	—	3.04	9.32	8.44	5.73	R 11.14	14.60	9.35	2.70	R 8.97	R 8.97	18.01	R 8.97
1991	—	2.84	8.71	8.22	4.95	R 11.55	16.80	9.23	2.26	8.80	8.80	17.82	8.80
1992	—	3.01	8.54	8.02	4.64	R 10.74	18.32	8.98	2.41	R 8.56	R 8.56	18.24	R 8.56
1993	—	4.64	8.24	8.10	4.30	R 11.51	18.96	8.82	2.42	R 8.46	R 8.46	18.27	R 8.46
1994	—	4.70	7.96	8.11	4.02	R 10.59	19.11	9.12	2.59	R 8.62	R 8.62	18.64	R 8.62
1995	—	4.28	8.36	8.00	4.02	R 10.99	19.41	9.28	2.72	R 8.73	R 8.73	18.34	R 8.73
1996	—	4.60	9.29	8.92	4.81	R 10.71	20.08	9.88	3.17	9.36	9.36	18.39	9.36
1997	—	5.97	9.39	8.60	4.55	R 10.10	17.98	9.78	R 3.13	R 9.16	R 9.16	17.93	9.16
1998	—	5.67	8.11	7.59	3.44	R 9.97	19.07	8.80	2.55	R 8.16	R 8.16	17.80	8.16
1999	—	3.14	8.81	8.36	3.96	R 12.54	16.75	9.58	R 2.83	R 8.82	R 8.82	17.50	R 8.82
2000	—	5.45	R 10.87	10.82	6.57	R 15.90	17.99	12.23	R 3.23	R 11.34	11.33	17.89	11.33
2001	—	9.73	11.01	10.17	5.85	17.27	19.00	11.58	3.54	10.68	10.68	17.52	10.68
	Expenditures in Million Nominal Dollars												
1970	0.4	—	7.8	81.2	24.4	0.7	38.3	1,601.5	3.1	1,756.8	1,757.3	0.7	1,758.0
1975	0.1	—	8.5	251.5	69.2	1.9	73.6	2,887.8	6.0	3,298.5	3,298.6	1.2	3,299.8
1980	—	—	21.5	994.9	259.2	4.4	124.1	5,463.9	4.8	6,872.9	6,872.9	2.1	6,875.0
1985	—	—	16.6	R 1,081.8	245.3	R 14.4	138.5	5,145.3	—	R 6,642.0	R 6,642.0	3.4	R 6,645.5
1986	—	—	15.9	R 839.5	215.8	R 14.4	119.9	3,884.0	0.1	R 5,089.6	R 5,089.6	3.6	R 5,093.2
1987	—	—	9.1	R 840.5	246.2	R 11.9	118.1	4,370.2	0.5	R 5,596.6	R 5,596.6	2.8	R 5,599.3
1988	—	—	12.4	R 936.0	203.8	R 12.4	122.6	4,412.3	0.2	R 5,699.5	R 5,699.5	2.7	R 5,702.2
1989	—	—	10.5	R 1,069.0	263.6	R 13.1	124.6	4,793.8	0.1	R 6,274.6	R 6,274.6	2.9	R 6,277.6
1990	—	0.2	11.2	R 1,204.9	343.5	R 14.4	129.2	5,325.7	0.1	R 7,029.0	R 7,029.3	2.7	R 7,032.0
1991	—	0.2	9.4	R 1,138.9	291.0	R 12.2	133.0	5,236.1	0.1	R 6,820.7	R 6,820.9	2.8	R 6,823.7
1992	—	R 0.3	9.7	R 1,142.3	279.0	R 9.8	147.9	4,963.2	0.8	R 6,552.6	R 6,552.9	3.2	R 6,556.1
1993	—	R 0.6	8.6	R 1,220.0	259.1	R 10.2	155.8	5,244.7	0.2	R 6,898.8	R 6,899.3	3.1	R 6,902.4
1994	—	R 0.6	7.5	R 1,294.1	265.7	R 17.7	164.2	5,326.2	1.0	R 7,076.4	R 7,077.0	3.1	R 7,080.2
1995	—	0.8	9.9	R 1,305.0	256.2	R 10.2	163.9	5,544.0	1.0	R 7,290.2	R 7,291.1	3.1	R 7,294.1
1996	—	R 1.2	16.2	R 1,700.5	326.5	R 9.1	164.6	5,864.2	R 1.6	R 8,082.7	R 8,083.8	3.2	R 8,087.0
1997	—	R 2.8	17.9	R 1,805.3	325.0	R 10.1	155.6	5,872.4	1.2	R 8,187.6	R 8,190.4	3.1	R 8,193.5
1998	—	R 2.0	15.0	R 1,579.7	269.4	R 3.9	172.8	5,406.3	R 0.9	R 7,448.1	R 7,450.1	2.8	R 7,452.9
1999	—	R 1.4	10.9	R 1,776.3	369.1	R 8.6	153.4	5,972.6	R 0.1	R 8,290.9	R 8,292.3	3.1	R 8,295.4
2000	—	R 2.6	R 11.9	R 2,420.1	695.0	R 8.3	162.3	7,649.8	R 0.2	R 10,947.7	R 10,950.4	3.2	R 10,953.6
2001	—	5.3	8.2	2,283.5	616.5	12.5	157.0	7,199.0	1.5	10,278.2	10,283.6	2.6	10,286.1

[a] Liquefied petroleum gases.
R=Revised data.
—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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Ohio (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.29	0.39	0.69	0.75	—	0.72	—	0.65	—	—	0.30
1975	0.95	1.19	2.18	2.35	—	2.29	—	0.92	—	—	0.98
1980	1.48	2.90	3.58	5.72	—	5.11	0.28	1.74	—	—	1.50
1985	1.69	5.09	4.43	6.09	—	5.71	1.09	0.79	—	—	1.70
1986	1.63	4.67	2.73	3.71	—	3.56	0.72	0.32	—	—	1.63
1987	1.56	3.04	3.00	4.10	—	3.93	0.73	0.95	—	—	1.51
1988	1.52	3.47	2.45	3.77	—	3.19	1.33	0.87	—	—	1.52
1989	1.49	3.13	2.66	4.26	—	3.43	1.32	([b])	—	—	1.48
1990	1.52	2.55	3.12	5.40	—	4.84	1.24	([b])	—	—	1.50
1991	1.48	2.18	2.58	4.91	—	4.35	1.14	([b])	—	—	1.45
1992	1.44	2.24	2.72	4.51	—	4.27	1.12	([b])	—	—	1.40
1993	1.41	2.86	2.70	4.07	—	4.02	1.07	([b])	—	—	1.39
1994	1.44	3.75	2.68	4.04	—	3.99	1.06	0.56	—	—	1.42
1995	1.42	2.28	—	3.91	—	3.91	1.00	0.70	—	—	1.38
1996	1.34	3.35	—	4.90	—	4.90	0.87	0.59	—	—	1.30
1997	1.32	3.63	—	4.37	—	4.37	0.66	0.50	—	—	1.26
1998	1.36	3.08	2.66	3.33	—	3.31	0.55	0.61	—	—	1.28
1999	1.36	3.06	2.68	3.92	—	3.89	0.48	0.67	—	—	1.28
2000	1.46	4.85	3.35	6.69	—	6.63	0.46	0.67	—	—	1.38
2001	1.31	7.97	3.90	6.01	—	5.97	0.41	0.47	—	—	1.27
	Expenditures in Million Nominal Dollars										
1970	230.5	8.6	3.0	3.4	—	6.4	—	(s)	—	—	245.5
1975	987.4	6.3	18.0	35.2	—	53.2	—	(s)	—	—	1,046.9
1980	1,641.4	13.7	13.6	54.7	—	68.3	6.4	(s)	—	—	1,729.9
1985	1,869.0	3.6	3.9	18.0	—	22.0	22.6	2.2	—	—	1,919.3
1986	1,854.3	2.9	1.4	10.7	—	12.1	0.2	0.9	—	—	1,870.3
1987	1,764.9	2.7	1.7	12.4	—	14.1	57.2	3.5	—	—	1,842.3
1988	1,770.4	3.4	6.0	11.7	—	17.7	119.2	3.2	—	—	1,913.8
1989	1,783.7	3.1	8.5	12.6	—	21.1	177.4	([b])	—	—	1,985.3
1990	1,759.5	3.2	2.7	14.2	—	16.9	140.0	([b])	—	—	1,919.6
1991	1,752.4	7.1	2.7	16.7	—	19.4	177.7	([b])	—	—	1,956.6
1992	1,729.1	6.8	1.1	11.2	—	12.3	173.2	([b])	—	—	1,921.4
1993	1,751.1	8.0	0.3	12.9	—	13.3	112.3	([b])	—	—	1,884.7
1994	1,723.8	11.4	0.5	19.8	—	20.3	121.7	0.4	—	—	1,877.6
1995	1,713.9	17.4	—	14.6	—	14.6	176.8	0.4	—	—	1,923.1
1996	1,727.7	9.9	—	16.7	—	16.7	126.7	0.5	—	—	1,881.4
1997	1,661.7	12.9	—	14.6	—	14.6	105.9	0.4	—	—	1,795.4
1998	1,774.9	25.2	0.2	12.3	—	12.5	94.9	0.4	—	—	1,907.8
1999	1,697.3	35.6	0.4	22.5	—	22.8	82.6	0.5	—	—	1,838.8
2000	1,912.3	50.1	0.3	30.8	—	31.1	81.1	0.7	—	—	2,075.2
2001	1,628.2	85.7	0.3	27.5	—	27.8	66.2	0.5	—	—	1,808.3

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[b] Electric plants used municipal waste at no charge.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Oklahoma

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.65	0.65	0.35	0.90	0.72	1.42	2.82	0.50	1.11	2.02	—	0.76	1.04	0.19	5.76	1.85
1975	—	0.96	0.96	0.75	2.36	2.01	2.91	4.52	1.58	2.46	3.59	—	1.45	1.91	0.61	6.64	3.08
1980	—	1.24	1.24	1.96	6.77	6.34	6.03	9.79	3.23	5.90	8.15	—	2.92	4.05	1.63	11.80	6.47
1985	—	1.69	1.69	3.41	R 6.73	5.87	R 7.38	8.76	3.41	7.09	R 7.78	—	2.81	R 4.69	2.30	17.23	7.74
1986	—	1.65	1.65	3.11	R 5.35	3.94	R 8.13	6.30	2.09	7.25	R 6.06	—	R 2.33	R 3.87	2.17	17.83	R 6.96
1987	—	1.58	1.58	2.76	R 5.93	3.90	R 7.64	7.08	2.18	6.60	R 6.45	—	2.34	3.77	2.08	16.48	R 6.63
1988	—	1.48	1.48	2.80	R 5.61	3.75	R 5.61	7.12	1.81	6.09	6.23	—	2.36	3.66	2.04	16.20	6.49
1989	—	1.36	1.36	R 2.85	R 6.10	4.27	R 5.87	7.79	2.04	6.65	R 6.75	—	R e 1.48	R e 3.81	2.02	16.28	R e 6.60
1990	—	1.40	1.40	2.80	R 7.40	5.93	R 6.66	9.00	2.46	6.27	R 7.92	—	R 1.48	R 4.17	R 2.06	16.09	R 7.31
1991	—	1.32	1.32	2.78	6.95	4.73	R 6.67	8.72	1.77	6.75	7.48	—	R 1.60	R 3.96	R 1.91	16.98	R 7.20
1992	—	R 1.24	R 1.24	3.02	R 6.70	4.42	R 5.55	8.37	2.29	7.00	7.09	—	R 1.61	R 3.96	R 1.87	17.04	R 7.11
1993	—	1.25	1.25	3.17	R 6.79	4.12	R 7.41	8.21	2.42	6.64	7.18	—	R 1.48	R 3.95	R 1.86	17.51	R 7.21
1994	—	R 1.04	R 1.04	R 3.00	R 6.64	3.84	R 7.38	8.20	2.35	6.91	R 7.09	—	R 1.44	R 3.87	R 1.59	17.15	R 7.18
1995	—	R 1.03	R 1.03	R 2.93	6.60	4.12	R 7.81	8.33	2.18	7.42	R 7.46	—	R 1.46	R 3.79	R 1.42	16.36	R 7.14
1996	—	R 0.99	R 0.99	R 3.63	7.50	4.87	R 9.50	9.11	R 2.46	7.87	8.28	—	R 1.32	R 4.36	R 1.54	16.32	R 7.82
1997	—	R 0.95	R 0.95	R 4.19	R 7.23	4.58	R 9.21	8.99	3.03	9.03	R 8.16	—	R 1.12	R 4.45	R 1.45	15.93	R 8.02
1998	—	R 0.93	R 0.93	R 3.60	R 6.05	3.40	R 8.14	7.61	R 2.58	7.64	6.87	—	R 1.36	R 3.89	R 1.43	15.96	R 7.45
1999	—	R 0.93	R 0.93	R 3.62	R 6.97	4.03	8.09	8.44	2.67	8.40	7.63	—	R 1.54	R 4.26	R 1.54	15.78	R 7.81
2000	—	R 0.97	R 0.97	R 5.31	R 9.36	6.61	R 12.09	11.06	3.91	R 9.09	10.02	—	R 1.71	R 5.71	R 2.09	17.26	R 9.90
2001	—	0.92	0.92	6.79	8.68	5.96	13.19	10.44	4.26	7.01	9.24	—	1.77	6.07	2.10	17.93	10.24
	Expenditures in Million Nominal Dollars																
1970	—	0.1	0.1	152.7	28.7	17.2	50.3	481.9	2.2	51.5	631.8	—	1.9	786.5	-46.8	311.7	1,051.4
1975	—	0.5	0.5	392.2	128.1	43.2	99.1	913.4	5.7	122.7	1,312.2	—	5.5	1,710.3	-190.0	509.6	2,030.0
1980	—	132.4	132.4	1,209.5	478.2	170.5	196.2	2,038.2	13.1	279.9	3,176.1	—	14.6	4,532.6	-727.3	1,211.3	5,016.6
1985	—	400.2	400.2	1,633.3	R 733.2	190.6	R 209.8	1,941.1	2.4	272.1	R 3,349.2	—	10.6	R 5,393.3	-988.5	2,141.2	R 6,546.1
1986	—	360.3	360.3	1,416.3	R 434.2	129.8	R 173.0	1,342.6	3.2	234.0	R 2,316.8	—	9.1	R 4,102.4	-883.8	2,158.5	R 5,377.1
1987	—	379.9	379.9	1,305.6	R 496.1	161.8	R 150.7	1,439.6	3.3	192.1	R 2,443.5	—	10.3	R 4,139.3	-882.1	2,014.1	R 5,271.3
1988	—	398.8	398.8	1,307.5	R 493.6	150.7	R 98.9	1,452.2	5.2	210.0	R 2,410.6	—	10.8	R 4,127.6	-900.4	2,047.7	R 5,274.9
1989	—	R 368.4	R 368.4	R 1,370.7	R 531.3	220.5	R 118.3	1,590.8	3.7	195.4	R 2,660.0	—	R e 26.3	R e 4,425.4	R -900.6	2,040.0	R e 5,564.8
1990	—	R 390.1	R 390.1	R 1,328.8	R 666.6	259.8	R 77.5	1,842.9	R 7.5	214.9	R 3,069.2	—	R 20.0	R 4,808.1	R -928.3	2,317.1	R 6,196.9
1991	—	R 412.0	R 412.0	R 1,285.0	R 569.3	279.1	R 115.4	1,778.6	2.0	230.2	R 2,974.7	—	R 21.6	R 4,693.3	R -912.4	2,266.3	R 6,047.2
1992	—	R 407.5	R 407.5	R 1,306.0	R 622.0	321.7	R 89.0	1,753.8	R 5.8	217.7	R 3,010.1	—	R 20.0	R 4,743.6	R -885.6	2,207.6	R 6,065.6
1993	—	R 443.8	R 443.8	R 1,448.1	R 633.6	207.9	R 149.4	1,760.0	R 7.1	241.3	R 2,999.3	—	R 20.1	R 4,911.3	R -922.8	2,402.6	R 6,391.1
1994	—	R 347.8	R 347.8	R 1,386.0	R 630.1	223.4	R 146.6	1,780.6	R 5.0	245.1	R 3,030.9	—	R 21.3	R 4,786.0	R -767.0	2,390.0	R 6,409.0
1995	—	R 379.7	R 379.7	R 1,347.6	R 641.0	124.9	R 100.8	1,840.6	R 3.8	245.0	R 2,956.1	—	R 26.5	R 4,709.9	R -712.9	2,294.6	R 6,291.6
1996	—	R 370.2	R 370.2	R 1,693.4	R 870.9	129.8	R 138.0	2,078.8	4.0	255.4	R 3,476.8	—	R 23.0	R 5,563.4	R -779.7	2,393.5	R 7,177.2
1997	—	R 371.3	R 371.3	R 1,898.2	R 880.8	136.4	R 154.0	2,000.5	R 2.6	222.2	R 3,396.5	—	R 16.7	R 5,682.6	R -744.8	2,397.7	R 7,335.6
1998	—	R 342.5	R 342.5	R 1,747.1	R 762.3	103.0	R 109.9	1,718.7	R 0.4	253.6	R 2,947.9	—	R 21.9	R 5,059.4	R -772.2	2,589.1	R 6,876.3
1999	—	R 335.4	R 335.4	R 1,652.5	R 899.0	150.3	R 263.8	1,916.0	R 0.5	228.2	R 3,457.8	—	R 21.3	R 5,467.1	R -808.8	2,498.9	R 7,157.2
2000	—	R 368.8	R 368.8	R 2,368.4	R 1,540.9	255.5	R 253.6	2,439.0	R 3.4	R 263.7	R 4,756.1	—	R 26.2	R 7,519.5	R -1,147.4	2,897.4	R 9,269.5
2001	—	347.6	347.6	3,010.6	1,784.7	237.8	251.0	2,340.2	3.6	302.7	4,919.9	—	27.1	8,305.2	-1,140.6	3,016.1	10,180.7

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Oklahoma

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	0.90	0.81	0.89	1.41	1.60	1.60	0.71	0.98	7.42	2.22
1975	1.58	1.22	2.22	2.88	3.13	3.12	1.39	1.62	8.22	3.16
1980	2.54	2.46	6.60	7.95	7.29	7.29	3.57	2.87	13.50	6.33
1985	2.83	4.49	3.73	6.78	7.78	R 7.51	R 4.04	4.75	19.37	10.01
1986	2.78	4.90	5.41	4.86	6.95	6.88	R 3.24	5.00	20.69	11.05
1987	2.40	4.49	3.64	6.38	6.33	6.30	3.08	4.57	19.76	10.57
1988	2.12	4.36	4.81	6.26	6.80	6.72	R 3.12	4.47	19.74	R 10.19
1989	2.43	4.40	6.14	6.78	6.70	6.70	3.44	4.53	20.02	R 10.27
1990	2.41	R 4.70	7.37	8.24	8.27	8.27	3.53	R 4.88	19.30	11.22
1991	2.36	4.66	6.84	7.49	7.35	7.35	R 3.38	4.79	20.61	11.14
1992	2.43	R 4.86	6.25	7.10	8.11	8.08	R 3.09	4.96	21.02	11.31
1993	2.16	4.84	6.28	6.25	8.82	8.79	3.02	R 5.00	20.94	11.10
1994	2.25	5.36	7.88	5.98	7.84	7.82	2.93	5.42	20.60	11.70
1995	2.24	5.48	6.10	4.95	8.23	8.18	2.87	5.54	19.99	11.60
1996	2.14	5.51	6.88	5.98	9.96	9.82	3.29	R 5.75	19.65	11.35
1997	2.14	6.19	6.86	5.60	9.66	9.59	3.27	6.36	19.43	11.94
1998	2.10	5.89	5.76	4.29	8.33	8.28	2.84	R 6.04	19.25	12.29
1999	2.05	5.85	6.20	4.52	8.42	8.40	2.92	6.09	19.35	12.23
2000	—	R 7.31	8.98	9.13	11.90	11.80	4.38	R 7.82	20.59	13.71
2001	2.25	9.33	8.76	9.15	14.54	14.51	4.17	9.87	21.30	15.23
	Expenditures in Million Nominal Dollars									
1970	0.1	65.1	(s)	0.4	35.1	35.5	1.7	102.4	184.6	286.9
1975	(s)	97.3	0.2	0.4	65.4	66.0	3.7	167.0	258.7	425.7
1980	0.4	188.5	0.6	0.9	47.1	48.6	12.1	249.7	566.8	816.5
1985	(s)	348.3	R 1.9	1.2	56.8	R 59.9	7.8	R 416.0	951.6	R 1,367.6
1986	R 0.1	333.7	R 1.0	0.2	37.4	38.6	6.1	378.4	981.5	R 1,359.9
1987	(s)	297.1	0.2	0.8	31.6	32.6	R 7.3	336.9	949.6	1,286.5
1988	0.1	325.3	0.8	0.9	32.9	R 34.6	7.6	R 367.6	975.0	R 1,342.6
1989	(s)	323.1	(s)	0.7	37.2	38.0	8.7	369.8	962.0	1,331.7
1990	(s)	315.0	(s)	0.5	38.2	38.7	9.5	363.2	1,124.5	1,487.7
1991	(s)	326.6	(s)	0.4	36.5	36.9	9.6	373.1	1,077.7	1,450.8
1992	(s)	326.4	0.1	0.4	32.6	33.2	9.2	368.8	1,022.2	1,391.0
1993	(s)	387.1	(s)	0.2	40.9	41.1	7.9	436.1	1,135.9	1,572.0
1994	(s)	380.7	(s)	0.2	34.1	34.3	7.5	422.5	1,133.6	1,556.1
1995	0.1	382.0	0.4	0.1	36.2	36.7	8.2	426.9	1,113.0	R 1,539.9
1996	(s)	432.2	0.9	0.7	58.7	60.3	9.3	501.8	1,160.2	1,662.0
1997	1.2	447.1	0.1	0.4	53.5	54.1	4.0	506.4	1,151.9	1,658.3
1998	(s)	394.5	(s)	0.3	48.7	49.1	3.2	446.7	1,281.6	1,728.3
1999	(s)	367.8	0.1	0.2	69.8	70.1	3.5	441.4	1,208.1	1,649.5
2000	—	R 492.8	0.1	3.1	111.9	115.1	5.5	R 613.3	1,379.8	R 1,993.1
2001	(s)	619.1	0.1	0.3	130.4	130.9	4.5	754.4	1,438.6	2,193.0

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Oklahoma

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.45	0.51	0.82	0.62	1.12	2.82	0.47	1.18	0.71	0.61	5.50	1.68
1975	0.94	0.94	2.12	2.37	2.56	4.52	1.46	2.58	1.39	1.24	6.73	2.96
1980	1.39	2.30	6.31	6.42	5.72	9.79	3.42	7.20	3.57	2.74	11.91	6.11
1985	1.79	4.32	5.99	6.78	7.23	8.76	—	R 6.88	4.04	R 4.71	18.02	R 10.68
1986	1.85	4.31	3.66	4.86	8.52	6.30	—	R 5.75	3.24	4.46	18.48	R 11.28
1987	1.96	4.05	4.21	6.38	8.07	7.08	2.18	R 5.78	3.08	4.29	17.13	R 10.75
1988	1.44	3.92	3.80	6.26	5.14	7.12	1.80	R 4.93	3.12	4.04	16.67	R 9.37
1989	1.39	3.86	4.44	6.78	5.54	7.79	2.01	R 5.35	3.44	4.10	16.87	R 10.00
1990	1.30	3.84	5.47	8.24	5.57	9.00	2.38	R 6.27	3.53	R 4.22	16.65	R 10.53
1991	1.30	3.86	4.85	7.49	6.38	8.72	1.66	5.71	3.38	4.08	17.59	10.64
1992	1.38	4.14	4.66	7.10	4.67	8.37	2.29	5.34	3.09	R 4.26	17.68	11.14
1993	1.39	4.33	4.48	6.25	6.97	8.21	—	5.44	3.02	4.39	18.03	11.16
1994	1.50	4.61	4.26	5.98	8.10	8.20	—	R 5.84	2.93	4.67	17.46	R 11.46
1995	1.35	R 4.42	4.28	4.95	8.13	8.33	2.37	R 5.76	2.87	4.47	16.52	R 10.65
1996	1.34	4.61	5.21	5.98	9.88	9.11	—	R 6.83	3.29	4.75	16.65	10.47
1997	1.43	5.32	4.89	5.60	10.43	8.99	—	R 6.27	3.27	5.07	16.28	R 10.36
1998	1.27	5.03	3.81	4.29	9.31	7.61	—	R 5.12	2.84	5.03	16.17	10.75
1999	1.29	5.01	4.32	4.52	8.71	8.44	—	R 6.21	2.92	5.10	15.94	R 10.93
2000	—	6.38	7.01	9.13	11.61	11.06	—	R 9.56	4.38	6.60	17.64	R 12.53
2001	1.32	8.60	6.48	9.15	13.08	10.44	—	8.46	4.17	8.57	18.11	13.67
	Expenditures in Million Nominal Dollars											
1970	(s)	22.9	0.5	0.8	4.3	3.4	0.6	9.6	(s)	32.6	82.9	115.4
1975	(s)	39.1	5.0	1.4	9.4	6.3	1.8	24.0	0.1	63.2	156.5	219.6
1980	0.8	108.4	11.6	0.5	6.5	15.5	0.6	34.8	0.3	144.2	365.8	510.0
1985	0.1	179.8	R 25.5	0.8	9.3	15.6	—	R 51.2	0.2	R 231.3	719.9	R 951.2
1986	0.1	160.9	R 6.3	0.2	8.1	11.4	—	R 26.0	0.2	R 187.2	734.7	R 921.9
1987	0.1	135.5	R 11.0	0.2	7.1	13.3	0.2	R 31.8	0.2	R 167.7	677.6	R 845.4
1988	0.2	194.8	R 14.6	1.5	4.4	12.7	0.1	R 33.3	0.3	R 228.6	690.0	R 918.6
1989	(s)	151.7	R 19.2	3.4	5.4	12.8	0.6	R 41.4	0.3	R 193.4	684.0	R 877.5
1990	(s)	145.9	R 19.9	0.6	4.5	17.7	1.2	R 43.9	0.6	R 190.4	776.2	R 966.6
1991	(s)	154.8	13.7	0.4	5.6	10.6	0.8	31.1	0.6	R 186.5	760.3	R 946.7
1992	(s)	148.9	R 10.1	0.1	3.3	7.6	0.6	R 21.7	0.6	R 171.2	749.0	R 920.2
1993	(s)	180.2	8.5	0.2	5.7	1.6	—	R 16.0	0.6	196.8	795.5	992.3
1994	(s)	172.7	R 5.9	0.1	6.2	1.6	—	R 13.9	0.6	R 187.2	791.9	R 979.2
1995	0.3	177.6	R 6.7	0.1	6.3	1.6	(s)	R 14.8	0.6	R 193.4	752.9	R 946.3
1996	(s)	217.4	R 11.6	0.2	10.3	1.8	—	R 23.9	0.8	R 242.0	785.7	R 1,027.7
1997	6.4	241.2	R 16.1	0.5	10.2	1.7	—	R 28.6	0.4	R 276.7	793.0	R 1,069.7
1998	(s)	221.6	R 13.7	0.5	9.6	1.5	—	R 25.3	0.4	R 247.4	839.0	R 1,086.4
1999	R (s)	202.2	R 9.1	0.3	12.7	1.6	—	R 23.8	0.4	R 226.5	824.8	R 1,051.2
2000	—	R 277.3	R 9.9	1.7	19.3	2.2	—	R 33.0	0.7	R 311.0	962.3	R 1,273.2
2001	(s)	371.8	25.4	0.4	20.7	2.1	—	48.6	0.5	420.9	1,020.3	1,441.2

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Oklahoma

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	—	—	0.25	0.68	0.54	0.62	1.12	5.08	2.82	0.53	0.70	0.86	1.58	0.53	3.13	0.77
1975	—	0.94	0.94	0.72	1.86	2.09	2.37	2.56	7.48	4.52	1.65	1.56	2.17	1.58	1.39	4.29	1.72
1980	—	1.39	1.39	2.11	3.60	5.68	6.42	5.72	14.36	9.79	3.22	5.33	5.28	1.44	3.27	9.31	3.92
1985	—	1.79	1.79	3.23	4.20	6.24	6.74	7.23	17.61	8.76	3.39	5.13	6.34	1.44	R 4.27	13.33	5.31
1986	—	1.85	1.85	2.57	4.58	4.03	4.54	8.52	15.59	6.30	2.11	5.07	R 5.82	1.43	3.48	13.05	R 4.70
1987	—	1.96	1.96	1.96	3.44	4.50	4.50	8.07	13.58	7.08	2.18	5.95	R 5.66	1.43	R 2.85	11.19	3.85
1988	—	1.44	1.44	1.70	3.24	4.16	4.13	5.14	14.62	7.12	1.80	5.00	R 4.64	1.43	R 2.50	10.75	3.57
1989	—	1.39	1.39	1.93	3.15	4.72	5.08	5.54	14.48	7.79	2.01	5.58	R 5.18	R d 1.14	R d 2.60	10.73	R d 3.57
1990	—	1.30	R 1.30	R 1.70	3.14	5.84	6.53	5.57	14.60	9.00	2.38	6.45	R 5.43	R 0.92	R 2.51	10.65	R 3.54
1991	—	1.30	R 1.30	1.67	3.40	5.20	5.77	6.38	16.80	8.72	1.66	6.57	5.64	R 1.09	R 2.60	11.29	R 3.70
1992	—	1.38	R 1.38	1.98	2.47	5.14	4.96	4.67	18.32	8.37	2.29	7.18	5.14	R 1.10	R 2.73	11.32	R 3.84
1993	—	1.39	R 1.39	2.15	2.74	4.98	4.96	6.97	18.96	8.21	2.42	6.36	R 5.46	R 1.08	R 2.89	12.12	R 4.02
1994	—	1.50	R 1.50	2.09	2.71	4.84	4.73	7.10	19.11	8.20	2.35	6.55	R 5.57	R 1.09	R 2.87	11.92	R 3.96
1995	—	1.35	R 1.35	2.24	2.90	4.84	5.02	7.45	19.41	8.33	2.37	6.89	R 5.75	R 1.17	R 2.80	11.00	R 3.77
1996	—	1.34	R 1.34	3.19	3.02	5.82	5.45	9.06	20.08	9.11	2.93	6.64	R 6.53	0.90	R 3.69	11.06	R 4.60
1997	—	1.43	R 1.43	4.14	3.26	5.34	5.41	8.84	17.98	8.99	3.04	6.09	R 6.86	0.90	R 4.38	10.65	R 5.21
1998	—	1.27	R 1.27	3.63	3.14	4.22	3.86	7.72	19.07	7.61	2.62	4.43	5.60	1.24	R 3.79	10.70	R 4.73
1999	—	1.29	R 1.29	3.44	3.56	4.99	4.44	7.90	16.75	8.44	2.67	5.74	R 6.68	1.39	R 4.00	10.56	R 4.94
2000	—	R 1.61	R 1.61	R 5.20	3.69	7.92	7.25	12.30	17.99	11.06	3.91	R 8.02	R 8.49	1.44	R 5.55	11.98	R 6.59
2001	—	1.32	1.32	7.87	3.75	7.23	6.91	11.65	19.00	10.44	4.25	6.83	7.11	1.57	6.92	12.57	7.75
	Expenditures in Million Nominal Dollars																
1970	—	—	—	18.1	20.7	6.3	2.9	8.7	5.1	7.6	1.2	2.7	55.2	0.2	73.5	44.2	117.7
1975	—	0.4	0.4	66.6	69.9	49.3	2.7	19.7	12.4	10.4	3.2	6.2	173.7	1.7	242.5	94.5	337.0
1980	—	7.8	7.8	310.6	115.1	122.5	11.1	137.7	50.4	18.4	12.5	19.1	486.9	2.2	807.5	278.6	1,086.1
1985	—	32.7	32.7	486.9	111.7	R 261.5	2.4	139.9	56.3	45.0	2.2	13.2	R 632.3	2.6	R 1,154.4	469.7	R 1,624.1
1986	—	30.3	30.3	369.8	99.8	R 85.6	1.6	124.0	48.7	30.0	3.1	7.5	R 400.3	2.8	R 803.2	442.2	R 1,245.4
1987	—	25.3	25.3	346.9	62.4	R 84.3	0.9	109.0	48.0	30.5	3.0	8.6	R 346.8	2.8	R 721.8	386.9	R 1,108.7
1988	—	17.2	17.2	269.4	76.7	R 80.5	0.5	59.5	49.8	29.6	5.0	7.3	R 309.0	2.9	R 598.5	382.7	R 981.2
1989	—	19.7	19.7	345.4	57.5	R 88.8	0.3	73.7	50.6	37.1	R 2.9	8.0	R 319.1	R d 17.3	R d 701.5	394.0	R d 1,095.5
1990	—	16.5	R 16.5	315.5	73.1	R 122.1	0.6	32.6	52.5	39.4	R 5.2	10.4	R 335.8	R 9.9	R 677.6	416.5	R 1,094.1
1991	—	21.0	R 21.0	282.9	77.5	R 96.6	0.4	70.6	54.0	41.0	1.0	20.1	R 361.1	R 11.4	R 676.4	428.4	R 1,104.8
1992	—	22.9	R 22.9	330.0	47.9	R 124.6	0.5	51.5	60.1	36.5	R 5.0	22.7	R 348.9	R 10.1	R 711.8	436.5	R 1,148.3
1993	—	37.2	R 37.2	R 364.7	67.7	R 91.1	0.4	100.2	63.3	44.2	R 7.0	20.2	R 394.0	R 11.6	R 807.5	471.2	R 1,278.8
1994	—	24.1	R 24.1	R 389.5	63.6	R 89.2	0.6	101.0	66.7	47.6	R 5.0	20.9	R 394.5	R 13.2	R 821.3	464.5	R 1,285.8
1995	—	44.7	R 44.7	R 410.8	61.3	R 80.9	0.2	56.0	66.6	51.4	R 2.5	20.8	R 339.6	R 17.7	R 812.9	428.7	R 1,241.5
1996	—	22.0	R 22.0	R 615.3	55.4	R 114.7	0.2	67.5	66.9	57.8	R 2.2	36.8	R 401.5	R 12.9	R 1,051.7	447.6	R 1,499.3
1997	—	R 22.0	R 22.0	R 807.4	30.8	R 107.5	0.5	88.2	63.2	58.5	R 2.4	38.1	R 389.3	R 12.2	R 1,230.9	452.9	R 1,683.7
1998	—	R 20.6	R 20.6	R 679.7	53.8	R 81.7	0.3	49.1	70.2	52.3	R 0.4	28.8	R 336.5	R 18.4	R 1,055.2	468.5	R 1,523.7
1999	—	21.7	R 21.7	R 587.0	40.6	R 84.8	0.6	179.2	62.3	30.2	R 0.5	36.0	R 434.2	R 17.4	R 1,060.3	466.1	R 1,526.4
2000	—	R 22.8	R 22.8	R 798.5	48.0	R 154.0	R 1.2	120.1	65.9	38.7	R 3.4	R 49.4	R 480.7	R 20.0	R 1,322.0	555.4	R 1,877.4
2001	—	20.0	20.0	1,211.0	109.5	158.6	1.4	96.0	63.8	69.0	3.5	37.1	538.9	22.2	1,792.1	557.2	2,349.3

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Oklahoma

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	—	—	2.17	1.11	0.72	1.12	5.08	2.82	0.46	2.44	2.44	—	2.44
1975	0.94	—	3.45	2.61	2.01	2.56	7.48	4.52	1.79	4.11	4.11	—	4.11
1980	—	—	9.02	7.30	6.34	5.72	14.36	9.79	—	9.12	9.12	—	9.12
1985	—	—	9.99	7.15	5.87	R 7.67	17.61	8.76	—	8.27	8.27	—	8.27
1986	—	—	8.41	5.92	3.94	R 9.08	15.59	6.30	—	6.11	6.11	—	6.11
1987	—	—	7.55	6.45	3.90	R 8.81	13.58	7.08	—	6.62	6.62	—	6.62
1988	—	—	7.41	6.17	3.75	R 5.74	14.62	7.12	—	6.59	6.59	—	6.59
1989	—	—	8.28	6.64	4.27	R 6.18	14.48	7.79	—	R 7.09	R 7.09	—	R 7.09
1990	—	—	9.32	8.00	5.93	R 6.24	14.60	9.00	—	R 8.45	R 8.45	—	R 8.45
1991	—	3.78	8.71	7.59	4.73	R 7.14	16.80	8.72	—	R 7.89	7.88	—	7.88
1992	—	R 3.00	8.54	7.34	4.42	R 5.23	18.32	8.37	—	7.47	7.47	—	7.47
1993	—	R 2.61	8.24	7.31	4.12	R 7.81	18.96	8.21	—	7.54	7.54	—	7.54
1994	—	2.30	7.96	7.14	3.84	R 10.15	19.11	8.20	—	R 7.40	R 7.40	—	R 7.40
1995	—	2.33	8.36	7.03	4.12	R 10.54	19.41	8.33	—	R 7.79	R 7.78	—	R 7.78
1996	—	2.31	9.29	7.92	4.87	R 10.27	20.08	9.11	—	8.60	8.60	—	8.60
1997	—	2.45	9.39	7.70	4.58	R 9.69	17.98	8.99	—	R 8.38	R 8.37	—	R 8.37
1998	—	2.47	8.11	6.48	3.40	R 9.56	19.07	7.61	2.13	R 7.09	7.08	—	7.08
1999	—	1.69	8.81	7.33	4.03	R 12.03	16.75	8.44	—	7.79	7.78	—	7.78
2000	—	1.60	R 10.87	9.60	6.61	R 15.24	17.99	11.06	—	10.20	10.19	—	10.19
2001	—	6.42	11.01	8.93	5.96	16.56	19.00	10.44	—	9.51	9.51	—	9.51
	Expenditures in Million Nominal Dollars												
1970	—	—	4.9	21.7	17.2	2.2	14.1	470.9	0.2	531.2	531.2	—	531.2
1975	(s)	—	5.4	73.0	43.2	4.5	24.4	896.7	0.5	1,047.7	1,047.7	—	1,047.7
1980	—	—	14.9	341.7	170.5	4.9	67.7	2,004.2	—	2,604.0	2,604.0	—	2,604.0
1985	—	—	11.0	R 441.8	190.6	R 3.7	75.5	1,880.6	—	R 2,603.2	R 2,603.2	—	R 2,603.2
1986	—	—	10.6	R 339.4	129.8	R 3.5	65.4	1,301.2	—	R 1,849.9	R 1,849.9	—	R 1,849.9
1987	—	—	6.8	R 399.0	161.8	R 3.0	64.4	1,395.8	—	R 2,030.7	R 2,030.7	—	R 2,030.7
1988	—	—	6.5	396.7	150.7	R 2.1	66.8	1,409.8	—	R 2,032.6	R 2,032.6	—	R 2,032.6
1989	—	—	6.9	R 421.9	220.5	R 1.9	67.9	1,540.9	—	R 2,260.1	R 2,260.1	—	R 2,260.1
1990	—	—	6.9	R 523.4	259.8	R 2.2	70.5	1,785.8	—	R 2,648.6	R 2,648.6	—	R 2,648.6
1991	—	(s)	4.9	R 458.4	279.1	R 2.8	72.5	1,727.0	—	R 2,544.8	R 2,544.8	—	R 2,544.8
1992	—	R 0.3	5.3	R 486.8	321.7	R 1.5	80.6	1,709.7	—	R 2,605.8	R 2,606.1	—	R 2,606.1
1993	—	0.3	4.3	R 533.6	207.9	R 2.7	85.0	1,714.2	—	R 2,547.7	R 2,548.0	—	R 2,548.0
1994	—	R 0.3	3.4	R 534.6	223.4	R 5.3	89.5	1,731.5	—	R 2,587.7	R 2,588.0	—	R 2,588.0
1995	—	R 0.5	6.5	R 552.8	124.9	R 2.3	89.4	1,787.6	—	R 2,563.4	R 2,563.8	—	R 2,563.8
1996	—	R 0.6	5.5	R 741.7	129.8	R 1.5	89.7	2,019.3	—	R 2,987.5	R 2,988.1	—	R 2,988.1
1997	—	R 0.1	3.8	R 756.5	136.4	R 2.0	84.9	1,940.2	—	R 2,923.8	R 2,923.9	—	R 2,923.9
1998	—	R 1.2	5.4	R 666.6	103.0	R 2.5	94.2	1,664.9	(s)	R 2,536.7	R 2,537.9	—	R 2,537.9
1999	—	R 1.1	4.5	R 804.4	150.3	R 2.1	83.6	1,884.2	—	R 2,929.0	R 2,930.1	—	R 2,930.1
2000	—	R 1.1	R 5.9	R 1,374.2	255.5	R 2.4	88.5	2,398.1	—	R 4,124.7	R 4,125.8	—	R 4,125.8
2001	—	5.1	4.5	1,591.1	237.8	3.9	85.6	2,269.2	—	4,192.1	4,197.2	—	4,197.2

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Oklahoma (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.39	0.19	0.46	0.56	—	0.50	—	—	—	—	0.19
1975	0.43	0.61	1.45	1.92	—	1.75	—	—	—	—	0.61
1980	1.23	1.74	3.44	5.30	—	5.29	—	—	—	—	1.63
1985	1.68	2.95	3.73	5.54	—	5.34	—	—	—	—	2.30
1986	1.64	2.68	1.50	2.90	—	2.81	—	—	—	—	2.17
1987	1.56	2.67	2.76	3.91	—	3.89	—	—	—	—	2.08
1988	1.48	2.81	2.50	3.41	—	3.35	—	—	—	—	2.04
1989	1.36	2.93	2.91	4.15	—	3.94	—	—	—	—	2.02
1990	1.40	3.01	3.02	7.28	—	4.34	—	—	—	—	2.06
1991	1.32	2.87	3.33	4.09	—	3.84	—	—	—	—	1.91
1992	1.23	3.08	2.16	4.36	—	3.54	—	—	—	—	1.87
1993	1.24	3.11	2.07	3.50	—	3.16	—	—	—	—	1.86
1994	1.02	2.67	2.10	3.70	—	3.28	—	—	—	—	1.59
1995	0.99	2.27	1.90	2.53	—	1.97	—	—	—	—	1.42
1996	0.98	2.90	2.04	4.07	—	2.79	—	—	—	—	1.54
1997	0.92	2.88	2.87	4.09	—	3.68	—	—	—	—	1.45
1998	0.91	2.41	—	2.92	—	2.92	—	—	—	—	1.43
1999	0.91	2.72	1.67	4.95	—	4.95	—	—	—	—	1.54
2000	0.94	4.42	—	5.86	—	5.86	—	—	—	—	2.09
2001	0.91	4.48	4.83	6.33	—	6.32	—	—	—	—	2.10
	Expenditures in Million Nominal Dollars										
1970	(s)	46.5	0.2	0.2	—	0.4	—	—	—	—	46.8
1975	(s)	189.1	0.3	0.6	—	0.9	—	—	—	—	190.0
1980	123.5	602.0	(s)	1.8	—	1.8	—	—	—	—	727.3
1985	367.4	618.3	0.2	2.5	—	2.7	—	—	—	—	988.5
1986	329.8	551.9	0.1	1.9	—	2.0	—	—	—	—	883.8
1987	354.5	526.0	(s)	1.5	—	1.6	—	—	—	—	882.1
1988	381.3	518.0	0.1	1.1	—	1.2	—	—	—	—	900.4
1989	348.7	550.5	0.2	1.3	—	1.5	—	—	—	—	900.6
1990	373.6	552.4	1.1	1.2	—	2.3	—	—	—	—	928.3
1991	391.0	520.6	0.3	0.6	—	0.9	—	—	—	—	912.4
1992	384.6	500.4	0.1	0.5	—	0.6	—	—	—	—	885.6
1993	406.6	515.7	0.1	0.4	—	0.5	—	—	—	—	922.8
1994	323.6	442.9	0.1	0.4	—	0.5	—	—	—	—	767.0
1995	334.6	376.7	1.3	0.3	—	1.6	—	—	—	—	712.9
1996	348.1	427.9	1.7	2.0	—	3.7	—	—	—	—	779.7
1997	341.7	402.4	0.2	0.5	—	0.7	—	—	—	—	744.8
1998	321.8	450.1	—	0.3	—	0.3	—	—	—	—	772.2
1999	313.7	494.4	(s)	0.7	—	0.7	—	—	—	—	808.8
2000	346.0	798.7	—	2.6	—	2.6	—	—	—	—	1,147.4
2001	327.5	803.6	(s)	9.5	—	9.5	—	—	—	—	1,140.6

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Oregon

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.59	0.59	0.81	1.21	0.73	2.21	2.83	0.51	R 1.44	R 1.88	—	1.34	1.61	0.48	2.90	R 1.85
1975	—	1.04	1.04	1.44	2.62	2.04	4.17	4.45	2.06	R 2.49	R 3.48	0.20	1.49	R 2.90	2.04	4.13	R 3.16
1980	—	1.71	1.71	4.69	6.62	6.21	7.09	9.75	3.92	R 5.72	R 7.85	0.36	1.74	R 6.04	0.59	7.59	R 7.07
1985	—	2.16	2.16	5.60	7.45	6.16	R 9.31	8.87	4.70	R 6.44	R 7.76	0.54	1.78	R 5.93	R 1.68	13.08	R 8.27
1986	—	2.42	2.42	4.94	R 5.30	4.24	R 9.68	6.92	2.52	R 5.83	R 5.86	0.52	1.67	R 4.65	R 0.85	12.95	R 7.01
1987	—	2.43	2.43	4.55	R 5.82	4.33	R 8.83	7.12	2.62	R 5.08	R 6.05	0.45	1.71	R 5.01	R 2.05	12.88	R 7.10
1988	—	2.42	2.42	4.80	R 5.85	4.04	R 8.69	7.48	2.35	R 4.89	R 6.11	0.46	1.69	R 4.91	R 0.89	12.61	R 7.09
1989	—	1.76	1.76	4.17	R 6.76	4.76	R 10.35	8.50	2.55	R 4.58	R 6.93	0.46	R e 1.34	R e 5.26	R 1.34	12.49	R e 7.47
1990	—	1.22	1.22	4.28	R 7.61	5.93	R 10.59	9.45	3.50	R 4.65	R 7.82	0.44	R 1.49	5.74	R 0.94	12.25	R 8.03
1991	—	1.17	1.17	R 3.99	7.72	5.01	R 11.03	9.14	2.56	R 5.05	R 7.47	0.43	R 1.76	5.81	R 1.31	12.45	R 7.82
1992	—	1.18	1.18	R 3.84	R 7.69	4.67	R 10.56	10.03	1.89	R 4.45	R 7.61	0.53	R 1.87	R 5.60	R 1.09	12.64	R 7.96
1993	—	1.20	1.20	R 4.12	R 7.77	4.62	R 10.63	9.98	2.04	R 4.87	R 7.93	—	R 1.74	R 6.29	R 1.63	12.98	R 8.26
1994	—	1.15	1.15	R 4.11	R 7.56	4.16	R 10.57	10.08	2.06	R 5.01	R 7.89	—	R 1.58	R 6.14	R 1.44	13.49	R 8.38
1995	—	1.25	1.25	3.93	R 7.57	4.28	R 10.09	10.31	2.20	R 5.40	R 8.15	—	R 1.64	R 6.45	R 1.29	13.69	R 8.50
1996	—	R 1.17	R 1.17	R 3.64	R 8.56	5.11	R 10.15	11.20	2.14	R 5.66	R 9.01	—	R 1.61	R 6.71	R 1.55	13.99	R 8.82
1997	—	1.27	1.27	R 3.49	R 8.40	4.74	R 10.90	11.14	R 2.92	R 5.69	R 8.85	—	R 1.47	R 6.62	R 1.38	13.52	R 8.57
1998	—	1.11	1.11	R 3.73	R 7.18	3.41	R 10.03	9.41	2.10	R 4.86	R 7.36	—	R 1.53	R 5.59	R 1.37	14.36	R 7.99
1999	—	1.08	1.08	R 4.10	R 8.44	4.36	R 10.01	11.08	R 1.87	R 4.51	R 8.60	—	R 1.78	R 6.44	R 1.56	14.16	R 8.70
2000	—	1.07	1.07	R 4.94	R 10.79	7.04	R 14.39	13.37	R 4.02	R 5.23	R 11.00	—	R 2.03	R 8.09	R 2.20	14.33	R 10.52
2001	—	1.11	1.11	5.96	9.76	5.86	15.75	12.62	5.13	5.83	10.47	—	1.86	7.96	2.77	15.93	10.81
	Expenditures in Million Nominal Dollars																
1970	—	1.8	1.8	68.7	89.2	8.6	10.2	371.2	18.5	R 43.7	R 541.3	—	23.8	R 635.6	-0.8	248.3	R 883.2
1975	—	2.8	2.8	139.9	199.4	24.0	10.0	675.3	45.4	R 87.0	R 1,041.1	(s)	26.2	R 1,210.0	-0.4	458.4	R 1,668.0
1980	—	20.7	20.7	320.9	643.9	86.5	31.7	1,562.9	100.0	R 160.9	R 2,586.1	21.4	48.0	R 2,997.0	-41.1	950.4	R 3,906.4
1985	—	21.7	21.7	432.9	R 651.3	74.3	R 45.4	1,354.2	142.9	R 181.8	R 2,449.9	39.9	54.1	R 3,109.1	R -164.4	1,573.1	R 4,517.7
1986	—	7.1	7.1	340.2	R 453.9	62.5	R 53.5	1,088.0	86.9	R 158.1	R 1,902.8	38.7	56.8	R 2,374.1	R -67.3	1,549.2	R 3,856.1
1987	—	8.9	8.9	337.2	R 509.1	71.4	R 48.1	1,147.0	83.8	R 154.7	R 2,014.1	20.4	59.6	R 2,549.8	R -130.0	1,657.4	R 4,077.2
1988	—	7.5	7.5	388.0	R 542.8	72.7	R 50.2	1,261.6	91.0	R 156.1	R 2,174.3	30.9	63.1	R 2,697.4	R -65.4	1,692.0	R 4,324.0
1989	—	R 11.9	R 11.9	R 429.4	R 630.2	90.9	R 61.5	1,423.7	R 85.6	R 154.4	R 2,446.4	25.7	R e 64.6	R e 3,021.9	R -121.3	1,774.0	R e 4,674.6
1990	—	19.1	19.1	R 438.4	R 704.6	111.3	R 53.1	1,575.3	R 97.5	R 164.1	R 2,705.8	28.3	R 55.5	R 3,264.1	R -90.8	1,796.6	R 4,969.9
1991	—	38.5	38.5	R 473.6	R 721.1	105.8	R 62.1	1,542.2	R 101.1	R 163.3	R 2,695.7	6.6	R 62.1	R 3,297.2	R -90.1	1,854.4	R 5,061.6
1992	—	48.1	48.1	R 460.8	R 723.7	105.9	R 54.7	1,681.2	R 77.3	R 179.6	R 2,822.4	25.5	R 53.0	R 3,422.7	R -119.6	1,850.3	R 5,153.4
1993	—	44.4	44.4	R 562.8	R 762.1	112.7	R 59.8	1,758.4	R 58.9	R 178.2	R 2,930.2	—	R 43.5	R 3,595.7	R -100.9	1,974.3	R 5,469.1
1994	—	51.5	51.5	R 603.9	R 740.1	109.7	R 54.6	1,783.5	R 56.9	R 192.8	R 2,937.7	—	R 42.2	R 3,650.2	R -112.8	2,070.0	R 5,607.4
1995	—	25.2	25.2	R 567.2	R 729.4	124.1	R 56.1	1,829.0	R 49.6	R 180.4	R 2,968.6	—	R 47.7	R 3,620.1	R -60.7	2,135.2	R 5,694.6
1996	—	R 23.8	R 23.8	R 653.9	R 801.5	151.7	R 59.7	2,054.1	R 43.7	R 189.0	R 3,299.8	—	R 47.1	R 4,060.7	R -95.6	2,252.9	R 6,218.0
1997	—	20.8	20.8	R 631.3	R 813.9	153.8	R 35.4	1,950.3	R 63.3	R 184.0	R 3,200.7	—	R 42.6	R 3,905.2	R -66.5	2,196.6	R 6,035.3
1998	—	R 40.3	R 40.3	R 839.5	R 669.7	113.5	28.0	1,783.7	R 51.1	R 234.0	R 2,880.0	—	R 40.5	R 3,808.7	R -135.4	2,209.3	R 5,882.6
1999	—	R 41.7	R 41.7	R 967.3	R 856.2	159.2	R 42.7	2,108.5	R 30.3	R 218.2	R 3,415.2	—	R 37.1	R 4,466.9	R -148.9	2,296.6	R 6,614.6
2000	—	41.3	41.3	R 1,080.7	R 1,164.0	250.5	R 68.5	2,506.1	R 37.1	R 208.5	R 4,234.7	—	R 52.3	R 5,410.6	R -257.0	2,460.2	R 7,613.9
2001	—	48.1	48.1	1,335.1	989.8	173.3	57.5	2,376.6	43.8	213.4	3,854.5	—	52.8	5,292.1	-375.3	2,494.3	7,411.1

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Oregon

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	0.95	1.45	1.41	2.79	2.66	1.63	0.82	1.49	3.65	2.41
1975	1.14	2.11	2.80	3.82	5.27	3.03	1.62	2.37	5.27	3.70
1980	4.26	5.36	7.02	9.80	9.00	7.35	4.15	6.05	9.37	7.91
1985	3.67	6.73	7.00	10.64	8.73	7.26	R 4.69	6.78	13.72	R 10.60
1986	3.79	6.47	5.08	4.75	10.89	R 5.74	R 3.76	5.98	13.84	R 10.41
1987	3.76	6.44	5.23	4.47	9.83	R 5.91	3.58	R 5.95	14.07	R 10.69
1988	3.37	6.64	5.11	4.84	9.16	R 5.53	R 3.62	R 5.97	14.02	R 10.58
1989	3.66	R 5.97	5.78	5.13	15.93	R 6.83	R 3.99	6.04	13.97	R 10.50
1990	3.77	6.13	6.99	7.09	13.92	R 7.88	4.75	R 6.44	13.86	R 10.68
1991	5.21	5.95	6.73	5.55	14.26	R 7.99	R 4.55	6.29	14.11	10.67
1992	3.76	5.94	6.33	4.98	12.88	R 7.49	R 4.16	6.05	14.45	R 10.90
1993	3.77	6.17	6.62	5.45	13.14	R 7.66	4.06	R 6.32	14.71	R 10.95
1994	3.74	6.68	6.40	4.76	10.76	R 7.12	3.94	R 6.52	15.61	R 11.57
1995	3.77	6.45	6.45	4.81	10.53	R 7.19	3.86	R 6.33	16.08	R 11.81
1996	—	6.05	7.13	5.02	11.51	R 7.90	4.43	R 6.23	16.69	R 11.98
1997	3.71	R 5.91	7.43	4.67	12.60	R 8.30	4.41	R 6.20	16.31	R 11.88
1998	3.66	R 6.49	6.21	6.26	10.95	R 7.29	3.82	R 6.43	17.07	R 12.37
1999	R 3.69	R 6.72	6.76	6.21	11.45	R 7.78	3.93	R 6.71	16.85	R 12.15
2000	3.72	R 7.88	9.86	9.20	14.73	R 11.00	5.90	R 8.27	17.23	R 13.12
2001	—	9.43	8.73	20.30	16.65	11.97	5.62	9.66	18.42	14.34
	Expenditures in Million Nominal Dollars									
1970	0.4	29.8	25.6	1.0	8.7	35.3	2.4	67.9	122.8	190.6
1975	0.1	63.1	39.0	1.0	7.1	47.1	4.9	115.3	217.4	332.7
1980	0.3	103.1	82.5	2.1	19.0	103.5	10.8	217.8	432.9	650.7
1985	R 0.1	148.8	R 94.1	2.5	16.3	R 112.9	13.8	R 275.5	680.0	R 955.6
1986	(s)	126.1	R 61.4	0.6	17.2	R 79.2	10.8	R 216.0	647.8	R 863.9
1987	0.1	124.1	R 45.1	0.3	15.1	R 60.4	R 13.7	R 198.2	658.3	R 856.6
1988	0.1	141.4	R 51.0	0.3	10.6	R 61.9	14.3	R 217.7	686.0	R 903.7
1989	0.1	139.3	R 64.4	1.1	21.0	R 86.5	16.4	R 242.3	719.0	R 961.3
1990	(s)	146.6	R 64.8	0.5	19.2	R 84.5	22.3	R 253.5	727.3	R 980.7
1991	(s)	161.4	R 58.0	0.4	25.2	R 83.6	R 22.5	R 267.5	767.6	R 1,035.1
1992	(s)	142.6	R 44.9	0.5	20.2	R 65.6	21.6	R 229.8	749.7	R 979.5
1993	(s)	191.2	R 59.2	0.6	22.9	R 82.7	17.8	R 291.7	838.1	R 1,129.8
1994	(s)	201.6	R 53.8	1.3	19.9	R 75.1	17.0	R 293.7	876.9	R 1,170.6
1995	(s)	189.2	R 47.9	0.7	18.6	R 67.2	18.5	R 274.9	895.1	R 1,170.0
1996	—	209.7	R 50.1	1.2	19.2	R 70.5	21.1	R 301.3	984.3	R 1,285.6
1997	(s)	202.0	R 46.4	0.9	17.9	R 65.2	16.3	R 283.4	956.2	R 1,239.7
1998	—	234.4	R 34.6	2.3	19.1	R 56.0	12.8	R 303.2	1,019.0	R 1,322.2
1999	R (s)	275.0	R 42.9	2.9	22.5	R 68.3	14.0	R 357.3	1,038.1	R 1,395.4
2000	—	314.2	R 56.5	R 9.7	33.2	R 99.3	R 22.0	R 435.6	1,070.9	R 1,506.5
2001	—	371.2	53.5	19.9	41.8	115.2	17.9	504.4	1,100.1	1,604.5

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Oregon

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.53	1.22	1.22	0.93	1.12	2.83	0.79	1.14	0.82	1.16	3.90	2.30
1975	1.04	1.79	2.60	2.58	2.76	4.45	2.45	2.68	1.62	2.21	5.20	3.66
1980	2.24	4.88	6.71	6.54	5.40	9.75	4.90	6.39	4.15	5.65	8.86	7.28
1985	2.52	6.06	5.69	10.64	9.45	8.87	4.12	R 6.06	4.69	6.05	14.96	R 10.83
1986	2.42	5.47	3.27	4.75	9.06	6.92	2.10	3.60	3.76	4.72	14.82	R 10.27
1987	2.42	5.17	3.97	4.47	8.28	7.12	2.65	R 4.28	3.58	R 4.81	15.00	R 10.57
1988	2.41	5.24	3.76	4.84	8.38	7.48	2.55	R 4.02	3.62	R 4.76	14.19	R 10.00
1989	2.37	R 4.63	4.56	5.13	8.55	8.50	2.39	4.76	1.41	R 4.51	14.17	R 9.86
1990	2.55	4.74	5.39	7.09	9.03	9.45	3.03	R 5.63	1.93	R 4.93	14.04	R 10.03
1991	2.65	4.61	4.79	5.55	9.29	9.14	2.36	4.96	2.02	R 4.61	14.29	R 10.06
1992	2.45	4.56	4.69	4.98	9.26	10.03	2.30	R 4.98	2.21	R 4.60	14.31	R 10.39
1993	2.33	4.84	4.87	5.45	9.21	9.98	2.20	R 4.76	2.07	R 4.74	14.50	R 10.35
1994	2.33	R 5.27	4.35	4.76	10.10	10.08	2.43	R 4.61	3.94	R 5.13	14.62	R 10.84
1995	2.42	5.01	4.54	4.81	10.22	10.31	2.74	R 4.78	3.86	R 4.94	14.90	R 10.89
1996	—	4.65	5.56	5.02	11.50	11.20	2.99	R 5.75	4.43	R 4.86	15.17	R 10.93
1997	2.23	R 4.41	5.24	4.67	11.70	11.14	2.85	R 5.52	4.41	R 4.62	14.69	R 10.61
1998	R 2.33	R 5.00	4.01	6.26	10.22	9.41	1.96	R 4.38	3.82	R 4.86	14.80	R 10.70
1999	R 2.43	R 5.34	4.98	6.21	10.51	11.08	2.62	R 5.39	3.93	R 5.33	14.63	R 10.81
2000	R 2.51	6.29	7.51	9.20	13.25	13.37	4.40	R 7.83	5.90	R 6.57	15.00	R 11.57
2001	—	7.77	6.50	20.30	14.42	12.62	4.08	7.63	5.62	7.72	16.14	12.62
	Expenditures in Million Nominal Dollars											
1970	0.2	14.5	11.5	0.2	0.6	3.7	6.6	22.6	(s)	37.4	88.7	126.1
1975	0.2	29.6	18.8	0.5	0.7	5.1	14.8	39.8	0.1	69.8	156.1	225.9
1980	0.7	77.5	70.0	1.4	2.0	14.9	27.0	115.3	0.3	193.8	316.0	509.7
1985	0.1	118.9	R 44.6	1.6	3.1	10.8	4.9	R 65.0	0.4	R 184.4	527.6	R 712.0
1986	(s)	94.2	R 26.0	0.2	2.5	8.5	4.3	R 41.5	0.3	R 136.1	523.2	R 659.4
1987	0.1	88.8	R 31.8	0.1	2.2	9.1	3.7	R 46.9	0.5	R 136.3	551.9	R 688.2
1988	0.2	98.7	R 30.9	0.2	1.7	9.3	5.3	R 47.5	0.5	R 147.0	548.6	R 695.5
1989	0.3	97.2	R 28.9	0.2	2.0	9.8	R 3.9	R 44.8	2.1	R 144.4	561.6	R 706.0
1990	0.1	99.2	R 37.4	0.3	2.2	13.5	R 5.4	R 58.8	2.1	R 160.3	579.4	R 739.7
1991	0.1	106.1	R 27.6	0.1	2.9	8.4	3.8	R 42.8	2.3	R 151.2	604.5	R 755.7
1992	(s)	92.6	R 23.9	0.1	2.6	8.7	3.5	R 38.8	2.0	R 133.4	613.9	R 747.4
1993	0.1	121.2	R 23.1	0.3	2.8	1.7	2.4	R 30.3	2.2	R 153.7	636.4	R 790.1
1994	(s)	126.7	R 20.1	0.4	3.3	1.7	1.7	R 27.1	1.4	R 155.4	669.5	R 824.9
1995	(s)	117.3	R 28.0	0.4	3.2	1.7	1.5	R 34.9	1.4	R 153.6	689.0	R 842.6
1996	—	124.1	R 29.5	1.1	3.4	1.9	1.6	R 37.4	1.7	R 163.3	729.0	R 892.3
1997	(s)	117.9	R 29.0	0.6	2.9	1.8	0.9	R 35.2	1.8	R 154.9	725.6	R 880.5
1998	—	136.4	R 23.2	2.2	3.2	1.5	0.9	R 30.9	1.5	R 168.9	732.1	R 901.0
1999	R (s)	161.4	R 24.2	1.1	3.6	1.7	R 0.8	R 31.4	1.7	R 194.5	766.0	R 960.5
2000	—	185.3	R 43.5	1.5	5.3	2.0	R 1.7	R 53.9	2.6	R 241.8	805.0	R 1,046.8
2001	—	222.8	45.6	8.4	6.4	2.0	1.3	63.7	1.9	288.4	840.5	1,128.9

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Oregon

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.53	0.53	0.46	0.58	0.80	0.93	1.12	5.08	2.83	0.33	R 0.77	R 0.83	1.46	R 0.75	1.26	R 0.84
1975	—	1.04	1.04	0.92	1.78	2.29	2.58	2.76	7.48	4.45	1.85	R 1.59	R 2.15	1.46	R 1.57	2.13	R 1.70
1980	—	2.24	2.24	4.21	3.60	5.62	6.54	5.40	14.36	9.75	3.39	R 3.80	R 4.81	1.46	R 3.93	4.65	R 4.12
1985	—	2.52	2.52	4.65	4.42	5.86	6.59	9.45	17.61	8.87	4.12	R 3.44	R 5.39	1.46	R 4.19	10.32	R 5.60
1986	—	2.42	2.42	3.73	4.47	3.61	4.59	9.06	15.59	6.92	2.10	R 2.80	R 4.07	1.47	R 3.28	10.08	R 4.87
1987	—	2.42	2.42	3.30	4.27	4.13	4.59	8.28	13.58	7.12	2.65	R 2.43	R 4.15	1.47	R 3.21	9.91	R 4.94
1988	—	2.41	2.41	3.64	3.95	3.84	4.74	8.38	14.62	7.48	2.55	R 2.19	R 4.00	1.47	R 3.26	9.82	R 4.93
1989	—	2.37	2.37	3.40	3.19	4.84	5.25	8.55	14.48	8.50	2.39	R 2.43	R 4.41	R d 1.26	R d 3.26	9.69	R d 5.00
1990	—	2.55	2.55	3.39	3.15	5.26	6.84	9.03	14.60	9.45	3.03	R 2.66	R 4.49	R 1.03	R 3.40	9.26	R 5.10
1991	—	2.65	2.65	3.31	3.28	5.18	5.79	9.29	16.80	9.14	2.36	R 2.98	R 4.69	R 1.18	R 3.45	9.23	R 5.09
1992	—	2.45	2.45	3.24	2.81	5.19	4.92	9.26	18.32	10.03	2.30	R 2.52	R 4.13	R 1.22	R 3.36	9.42	R 5.01
1993	—	2.33	2.33	3.34	2.95	5.49	4.89	9.21	18.96	9.98	2.20	R 2.68	R 4.59	R 1.24	R 3.68	9.75	R 5.28
1994	—	2.33	2.33	3.45	3.13	4.70	4.65	10.13	19.11	10.08	2.43	R 2.68	R 4.42	R 1.28	R 3.59	10.17	R 5.32
1995	—	2.42	2.42	R 3.26	3.21	4.97	5.13	9.61	19.41	10.31	2.74	R 2.87	R 4.81	R 1.35	R 3.63	10.18	R 5.37
1996	—	R 2.16	R 2.16	R 3.10	3.39	5.92	5.98	9.24	20.08	11.20	2.99	R 3.10	R 5.34	R 1.17	R 3.59	9.99	R 5.19
1997	—	2.23	2.23	R 2.88	3.46	5.49	5.93	8.87	17.98	11.14	2.85	R 3.49	R 5.13	R 1.17	R 3.36	9.46	R 4.88
1998	—	R 2.33	R 2.33	R 3.57	3.59	4.13	4.03	7.75	19.07	9.41	1.96	R 2.29	R 4.13	R 1.39	R 3.57	10.25	R 4.85
1999	—	—	—	R 3.78	3.55	4.97	4.13	8.28	16.75	11.08	2.62	R 2.23	R 4.20	R 1.54	R 3.79	10.19	R 5.08
2000	—	—	—	R 4.78	3.45	7.87	7.87	14.00	17.99	13.37	4.40	R 2.47	R 5.83	R 1.53	R 4.87	10.43	R 6.34
2001	—	—	—	5.92	3.72	6.89	6.57	12.78	19.00	12.62	4.08	2.27	5.52	1.61	5.21	12.34	6.90
	Expenditures in Million Nominal Dollars																
1970	—	1.2	1.2	23.9	8.3	14.8	0.6	0.8	8.7	10.7	7.0	R 6.5	R 57.4	21.1	R 103.6	36.8	R 140.5
1975	—	2.5	2.5	47.2	38.0	35.1	2.1	2.1	8.6	13.1	24.5	R 11.6	R 135.1	21.2	R 205.9	84.8	R 290.7
1980	—	8.5	8.5	138.8	59.2	128.4	1.4	9.5	19.3	21.4	44.2	R 19.6	R 302.9	34.1	R 484.2	201.6	R 685.8
1985	—	7.6	7.6	165.2	83.3	R 84.0	(s)	18.9	21.5	22.5	40.3	R 14.3	R 284.8	39.9	R 497.5	365.4	R 862.9
1986	—	7.0	7.0	119.9	65.9	R 52.8	(s)	28.0	18.6	18.2	28.5	R 20.0	R 232.1	45.7	R 404.7	378.2	R 782.8
1987	—	8.7	8.7	124.3	60.6	R 62.1	(s)	24.9	18.3	18.0	26.2	R 26.6	R 236.8	45.5	R 415.4	446.7	R 862.0
1988	—	7.2	7.2	147.9	63.5	R 60.6	(s)	30.9	19.0	16.4	25.8	R 23.8	R 240.0	47.4	R 442.5	457.0	R 899.5
1989	—	3.5	3.5	154.0	59.4	R 82.6	0.1	31.6	19.4	21.4	5.5	R 23.7	R 243.7	R d 43.3	R d 444.5	493.0	R d 937.5
1990	—	3.6	3.6	169.6	63.3	R 77.7	0.2	24.7	20.1	21.1	R 8.5	R 25.9	R 241.5	R 25.0	R 439.7	489.5	R 929.2
1991	—	5.0	5.0	187.7	57.9	R 68.8	0.1	27.7	20.7	23.5	5.2	R 29.2	R 233.0	R 27.1	R 452.8	481.8	R 934.5
1992	—	5.7	5.7	196.6	61.4	R 78.3	0.3	26.0	23.0	13.4	R 7.2	R 33.8	R 243.4	R 19.9	R 465.6	486.2	R 951.8
1993	—	5.2	5.2	210.9	65.2	R 115.5	0.3	28.2	24.2	23.7	R 9.3	R 25.1	R 291.4	R 17.2	R 524.8	499.3	R 1,024.1
1994	—	6.6	6.6	225.9	71.0	R 88.6	0.3	22.2	25.5	26.3	R 6.3	R 26.9	R 267.1	R 20.4	R 520.1	523.1	R 1,043.2
1995	—	6.8	6.8	235.0	58.8	R 102.9	0.7	29.6	25.5	27.6	R 5.6	R 27.4	R 278.0	R 22.8	R 542.6	550.3	R 1,092.9
1996	—	R 4.2	R 4.2	284.3	61.7	R 88.0	0.4	32.8	25.6	33.0	R 2.5	R 29.1	R 273.1	R 20.3	R 581.9	538.9	R 1,120.8
1997	—	4.3	4.3	273.9	68.0	R 89.9	0.2	11.9	24.2	33.9	3.0	R 23.9	R 255.0	R 21.2	R 554.5	514.1	R 1,068.6
1998	—	R 1.8	R 1.8	385.4	99.8	R 63.4	0.4	5.7	26.8	34.0	R 1.7	R 32.0	R 263.8	R 22.0	R 672.9	457.2	R 1,130.2
1999	—	—	—	433.0	85.9	R 78.7	1.4	15.4	23.8	22.9	R 2.4	R 39.0	R 269.5	R 17.8	R 720.3	490.3	R 1,210.6
2000	—	—	—	R 376.0	74.4	R 165.1	R 1.4	26.4	25.2	28.0	R 3.8	R 28.5	R 352.8	R 23.6	R 752.4	581.9	R 1,334.2
2001	—	—	—	424.8	54.0	121.2	2.1	7.9	24.4	53.0	3.4	33.8	299.9	30.1	754.8	551.1	1,305.9

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Oregon

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.53	—	2.17	1.34	0.73	1.12	5.08	2.83	0.71	2.41	2.41	—	2.41
1975	1.04	—	3.45	2.69	2.04	2.76	7.48	4.45	2.21	3.98	3.98	—	3.98
1980	—	—	9.02	6.96	6.21	5.40	14.36	9.75	4.14	8.81	8.81	—	8.81
1985	—	—	9.99	8.27	6.16	R 10.40	17.61	8.87	5.02	8.40	8.40	—	8.40
1986	—	—	8.41	6.16	4.24	R 10.05	15.59	6.92	2.86	6.39	6.39	—	6.39
1987	—	—	7.55	6.63	4.33	R 9.27	13.58	7.12	2.60	R 6.56	R 6.56	17.04	6.56
1988	—	—	7.41	6.81	4.04	R 9.56	14.62	7.48	2.26	6.69	6.69	13.54	6.69
1989	—	—	8.28	7.77	4.76	R 9.92	14.48	8.50	2.57	R 7.52	R 7.52	14.24	R 7.52
1990	—	—	9.32	8.54	5.93	R 10.66	14.60	9.45	3.59	R 8.56	R 8.56	13.98	R 8.56
1991	—	—	8.71	8.63	5.01	R 11.14	16.80	9.14	2.58	R 8.00	R 8.00	15.53	8.00
1992	—	2.09	8.54	8.63	4.67	R 11.30	18.32	10.03	1.84	R 8.38	R 8.38	14.58	R 8.38
1993	—	3.62	8.24	8.93	4.62	R 11.42	18.96	9.98	2.00	R 8.74	R 8.74	15.64	R 8.74
1994	—	4.69	7.96	8.75	4.16	R 11.50	19.11	10.08	2.02	R 8.69	R 8.69	15.44	R 8.69
1995	—	4.43	8.36	8.89	4.28	R 11.79	19.41	10.31	2.13	R 8.93	R 8.93	16.09	R 8.93
1996	—	4.25	9.29	9.55	5.11	R 11.65	20.08	11.20	2.08	R 9.74	9.73	16.83	R 9.74
1997	—	R 5.64	9.39	9.44	4.74	R 11.36	17.98	11.14	R 2.93	R 9.56	9.55	18.87	9.55
1998	—	R 5.64	8.11	8.27	3.41	R 9.99	19.07	9.41	2.11	R 8.09	R 8.09	19.55	R 8.10
1999	—	R 5.66	8.81	9.55	4.36	R 12.62	16.75	11.08	R 1.81	R 9.57	R 9.57	19.56	R 9.57
2000	—	R 7.61	R 10.87	11.95	7.04	R 16.33	17.99	13.37	R 3.96	R 12.09	R 12.09	20.80	R 12.10
2001	—	4.96	11.01	10.95	5.86	18.06	19.00	12.62	5.29	11.42	11.42	21.49	11.43
	Expenditures in Million Nominal Dollars												
1970	(s)	—	3.3	37.4	8.6	0.1	15.0	356.7	4.8	426.0	426.0	—	426.0
1975	(s)	—	3.0	106.2	24.0	0.1	22.3	657.1	6.1	818.7	818.7	—	818.7
1980	—	—	11.8	358.9	86.5	1.3	46.1	1,526.7	28.8	2,060.1	2,060.1	—	2,060.1
1985	—	—	7.1	R 428.5	74.3	R 7.2	51.5	1,321.0	97.6	R 1,987.2	R 1,987.2	—	R 1,987.2
1986	—	—	8.2	R 313.7	62.5	R 5.7	44.6	1,061.3	54.1	R 1,550.0	R 1,550.0	—	R 1,550.0
1987	—	—	4.8	R 370.1	71.4	R 5.9	43.9	1,119.8	53.9	R 1,669.9	R 1,669.9	0.5	R 1,670.4
1988	—	—	3.7	R 400.2	72.7	R 7.0	45.6	1,235.9	59.9	R 1,824.9	R 1,824.9	0.4	R 1,825.3
1989	—	—	4.2	R 452.3	90.9	R 6.8	46.3	1,392.5	R 76.3	R 2,069.3	R 2,069.3	0.4	R 2,069.7
1990	—	—	5.7	R 523.5	111.3	R 7.1	48.0	1,540.7	R 83.6	R 2,319.8	R 2,319.8	0.4	R 2,320.2
1991	—	—	5.5	R 566.0	105.8	R 6.4	49.4	1,510.3	R 92.2	R 2,335.8	R 2,335.8	0.5	R 2,336.3
1992	—	(s)	5.6	R 576.1	105.9	R 6.0	55.0	1,659.1	R 66.6	R 2,474.3	R 2,474.3	0.5	R 2,474.8
1993	—	R 0.1	4.6	R 563.1	112.7	R 5.9	57.9	1,733.1	R 47.2	R 2,524.5	R 2,524.6	0.5	R 2,525.2
1994	—	0.1	6.3	R 577.3	109.7	R 9.2	61.0	1,755.6	R 48.9	R 2,568.0	R 2,568.2	0.6	R 2,568.7
1995	—	R 0.2	6.0	R 550.2	124.1	R 4.7	60.9	1,799.6	R 42.5	R 2,588.1	R 2,588.3	0.7	R 2,589.1
1996	—	R 0.2	8.9	R 633.6	151.7	R 4.2	61.2	2,019.2	R 39.7	R 2,918.5	R 2,918.7	0.6	R 2,919.3
1997	—	R 1.2	8.3	R 647.8	153.8	R 2.7	57.8	1,914.6	R 59.5	R 2,844.6	R 2,845.9	0.7	R 2,846.6
1998	—	R 0.3	6.1	R 547.4	113.5	(s)	64.2	1,748.3	R 48.5	R 2,528.1	R 2,528.3	1.0	R 2,529.3
1999	—	0.3	7.1	R 710.0	159.2	R 1.1	57.0	2,083.9	R 27.2	R 3,045.6	R 3,045.9	2.2	R 3,048.1
2000	—	R 0.5	R 7.6	R 893.8	250.5	R 3.7	60.3	2,476.1	R 31.5	R 3,723.5	R 3,723.9	2.5	R 3,726.4
2001	—	0.3	12.6	762.6	173.3	1.4	58.4	2,321.6	39.1	3,369.0	3,369.3	2.5	3,371.8

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Oregon (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	—	0.37	0.80	0.83	—	0.80	—	0.65	—	—	0.48
1975	—	1.27	—	2.31	—	2.31	0.20	0.92	—	2.02	2.04
1980	1.41	4.29	—	6.53	—	6.53	0.36	1.74	—	—	0.59
1985	2.00	—	—	5.67	—	5.67	0.54	—	6.36	—	1.68
1986	—	2.81	—	3.24	—	3.24	0.52	—	6.31	—	0.85
1987	—	—	—	4.10	—	4.10	0.45	—	6.11	—	2.05
1988	—	—	—	4.03	—	4.03	0.46	0.87	6.02	—	0.89
1989	1.56	2.92	—	4.53	—	4.53	0.46	0.33	6.05	—	1.34
1990	1.08	3.03	—	3.47	—	3.47	0.44	0.85	5.84	—	0.94
1991	1.08	1.57	—	4.75	—	4.75	0.43	1.63	4.60	—	1.31
1992	1.10	1.94	—	4.49	—	4.49	0.53	1.61	4.37	—	1.09
1993	1.12	2.25	—	3.83	—	3.83	—	1.13	4.01	—	1.63
1994	1.07	1.83	—	4.65	—	4.65	—	0.56	4.09	—	1.44
1995	1.06	1.30	—	4.27	—	4.27	—	0.70	4.04	—	1.29
1996	1.07	1.32	—	5.09	—	5.09	—	0.59	3.82	—	1.55
1997	1.14	1.48	—	4.90	—	4.90	—	0.50	3.77	—	1.38
1998	1.09	1.54	—	3.32	—	3.32	—	0.61	4.01	3.02	1.37
1999	1.08	1.94	—	4.14	—	4.14	—	0.67	4.92	4.16	1.56
2000	1.07	2.90	—	8.59	—	8.59	—	0.67	3.04	3.52	2.20
2001	1.11	3.75	—	6.36	—	6.36	—	0.47	3.29	3.82	2.77
	Expenditures in Million Nominal Dollars										
1970	—	0.4	0.1	(s)	—	0.1	—	0.3	—	—	0.8
1975	—	(s)	—	0.4	—	0.4	(s)	(s)	—	(s)	0.4
1980	11.2	1.4	—	4.2	—	4.2	21.4	2.9	—	—	41.1
1985	13.9	—	—	0.1	—	0.1	39.9	—	110.6	—	164.4
1986	—	(s)	—	0.1	—	0.1	38.7	—	28.5	—	67.3
1987	—	—	—	(s)	—	(s)	20.4	—	109.5	—	130.0
1988	—	—	—	(s)	—	(s)	30.9	0.9	33.6	—	65.4
1989	7.9	38.9	—	2.0	—	2.0	25.7	2.8	44.0	—	121.3
1990	15.3	23.0	—	1.1	—	1.1	28.3	6.1	17.0	—	90.8
1991	33.5	18.4	—	0.6	—	0.6	6.6	10.1	20.8	—	90.1
1992	42.3	28.9	—	0.5	—	0.5	25.5	9.4	13.0	—	119.6
1993	39.1	39.4	—	1.2	—	1.2	—	6.3	14.8	—	100.9
1994	44.7	49.5	—	0.3	—	0.3	—	3.4	14.9	—	112.8
1995	18.4	25.6	—	0.3	—	0.3	—	5.0	11.4	—	60.7
1996	19.6	35.5	—	0.3	—	0.3	—	4.0	36.1	—	95.6
1997	16.4	36.2	—	0.7	—	0.7	—	3.3	9.9	—	66.5
1998	38.5	83.0	—	1.1	—	1.1	—	4.2	9.6	1.2	135.4
1999	41.6	97.7	—	0.4	—	0.4	—	3.5	8.0	2.4	148.9
2000	41.3	204.7	—	5.2	—	5.2	—	4.1	1.9	0.3	257.0
2001	48.1	316.0	—	6.7	—	6.7	—	2.9	1.7	0.1	375.3

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Pennsylvania

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	0.44	0.35	0.39	0.87	1.17	0.72	1.82	2.92	0.47	1.97	1.72	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	3.39	4.72	2.02	3.48	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	6.16	9.71	4.30	7.99	7.72	0.42	1.86	4.02	1.55	15.17	6.37
1985	1.88	1.57	1.63	5.74	R 7.68	5.84	R 10.14	9.01	4.38	8.84	R 8.05	0.92	1.93	R 4.45	1.61	21.24	R 8.39
1986	1.76	1.51	1.54	5.38	R 5.78	3.91	R 9.26	6.54	2.45	7.17	R 5.86	0.78	R 1.69	R 3.56	1.36	21.86	R 7.58
1987	1.59	R 1.46	1.48	4.84	R 5.83	4.02	R 8.84	7.03	2.95	6.60	R 6.09	0.78	1.64	R 3.58	1.37	21.49	R 7.39
1988	1.61	1.46	1.49	4.70	R 5.78	3.85	R 9.18	7.01	2.34	6.63	R 6.01	0.84	R 1.65	R 3.49	1.35	20.92	R 7.24
1989	1.67	R 1.45	R 1.49	R 4.93	R 6.24	4.44	R 9.60	7.79	2.83	6.54	R 6.57	0.88	R e 1.47	R e 3.70	R 1.40	21.69	R e 7.69
1990	1.71	R 1.52	R 1.56	R 5.28	R 7.66	5.59	R 11.81	9.35	3.20	R 6.43	R 7.86	0.83	R 1.62	R 4.00	R 1.35	22.47	R 8.50
1991	1.75	R 1.54	R 1.57	R 5.35	R 7.50	4.81	R 12.62	9.44	R 2.32	R 6.62	R 7.87	0.77	R 1.46	R 4.00	R 1.30	23.51	R 8.83
1992	1.73	R 1.48	R 1.53	R 5.18	R 7.06	4.49	R 10.72	9.33	R 2.34	R 7.29	R 7.75	0.68	R 1.29	R 3.86	R 1.21	23.61	R 8.55
1993	1.73	R 1.43	R 1.49	R 5.27	R 6.95	4.17	R 10.93	9.01	2.35	R 7.49	R 7.45	0.66	R 1.28	R 3.82	R 1.20	23.26	R 8.48
1994	1.73	R 1.43	R 1.49	R 5.65	R 6.88	3.90	R 12.01	9.26	2.53	R 7.26	R 7.50	0.62	R 1.25	R 3.88	R 1.17	23.13	R 8.63
1995	1.72	R 1.36	R 1.43	R 5.35	R 6.83	3.87	R 11.71	9.71	R 2.63	R 7.20	R 7.86	0.56	R 1.30	R 3.85	R 1.09	23.29	R 8.74
1996	1.69	R 1.38	R 1.44	R 5.71	R 7.77	4.77	R 12.74	10.09	R 3.25	R 7.76	R 8.52	0.55	R 1.33	R 4.05	R 1.12	23.38	R 9.11
1997	R 1.72	R 1.36	R 1.42	R 6.43	R 7.73	4.36	R 13.25	10.24	R 2.71	R 7.53	R 8.49	R 0.52	R 1.11	R 4.12	R 1.08	23.48	R 9.33
1998	R 1.55	R 1.36	R 1.38	R 6.17	R 6.92	3.23	R 12.06	8.70	2.10	R 6.91	R 7.26	R 0.53	R 1.15	R 3.82	R 1.11	23.10	R 9.02
1999	R 1.62	R 1.31	R 1.34	R 6.11	R 7.24	3.79	R 12.34	9.49	2.62	R 7.55	R 7.93	R 0.51	R 1.22	R 3.96	R 1.04	19.71	R 8.79
2000	R 1.66	R 1.17	R 1.23	R 6.81	R 10.16	6.81	R 16.17	12.30	R 3.64	R 8.96	R 10.52	R 0.48	R 1.40	R 4.82	R 1.00	22.46	R 10.66
2001	1.73	1.24	1.30	9.33	9.46	5.59	16.17	11.39	3.32	8.32	9.80	0.43	1.19	5.06	1.03	23.08	11.20
	Expenditures in Million Nominal Dollars																
1970	317.5	339.6	657.1	653.4	429.1	36.9	32.7	1,559.6	157.4	224.5	2,440.1	1.1	10.9	3,762.6	-296.5	1,329.8	4,796.0
1975	913.7	1,063.9	1,977.6	964.8	1,039.9	97.3	76.5	2,695.2	441.3	352.3	4,702.5	44.3	14.4	7,703.5	-1,047.7	3,060.5	9,716.3
1980	1,005.0	1,574.0	2,579.0	2,489.5	2,665.1	360.1	163.8	5,507.0	798.1	963.0	10,457.1	55.4	59.1	15,640.0	-1,997.2	5,096.8	18,739.7
1985	492.9	R 1,804.1	R 2,297.0	3,444.8	R 2,583.3	334.6	R 272.7	4,827.1	483.8	1,007.9	R 9,509.5	257.5	53.5	R 15,562.3	-2,228.4	7,202.9	R 20,536.8
1986	330.9	R 1,700.7	R 2,031.7	3,147.9	R 1,935.2	219.3	R 281.7	3,576.6	348.8	825.7	R 7,187.3	329.7	40.8	R 12,737.4	-2,051.6	7,568.4	R 18,254.2
1987	357.1	R 1,681.4	R 2,038.5	2,944.4	R 2,129.3	239.6	R 269.3	3,936.5	427.8	777.5	R 7,780.1	284.7	38.3	R 13,086.0	-2,004.9	7,791.1	R 18,872.2
1988	437.4	R 1,743.3	R 2,180.7	3,012.8	R 2,140.2	255.1	R 199.5	4,078.6	312.7	761.0	R 7,747.1	338.1	R 40.1	R 13,318.7	-2,088.0	7,995.6	R 19,226.4
1989	442.2	R 1,782.2	R 2,224.4	R 3,313.3	R 2,355.4	242.5	R 237.5	4,455.5	R 396.7	777.3	R 8,464.8	364.8	R e 44.6	R e 14,412.0	R -2,256.5	8,362.3	R e 20,517.8
1990	480.0	R 1,812.2	R 2,292.2	R 3,325.5	R 2,660.7	380.7	R 260.0	5,277.2	R 360.8	R 801.1	R 9,740.6	506.8	R 54.1	R 15,919.1	R -2,369.5	8,738.0	R 22,287.7
1991	412.9	R 1,829.9	R 2,242.8	R 3,301.9	R 2,510.0	309.5	R 339.7	5,312.5	R 225.7	R 773.3	R 9,470.7	462.7	R 59.7	R 15,537.8	R -2,242.4	9,237.2	R 22,532.7
1992	458.8	R 1,792.3	R 2,251.1	R 3,435.2	R 2,444.3	277.8	R 351.9	5,266.7	R 216.7	R 807.5	R 9,364.8	427.5	R 62.5	R 15,541.2	R -2,138.1	9,276.8	R 22,679.8
1993	479.5	R 1,732.9	R 2,212.4	R 3,579.5	R 2,538.8	278.1	R 223.9	5,206.5	R 265.1	R 847.0	R 9,359.5	409.8	R 67.4	R 15,628.6	R -2,163.3	9,431.8	R 22,897.1
1994	501.8	R 1,636.9	R 2,138.6	R 3,872.2	R 2,623.1	259.7	R 241.5	5,301.9	R 297.4	R 909.7	R 9,633.2	437.8	R 71.1	R 16,154.9	R -2,158.9	9,619.5	R 23,615.5
1995	500.7	R 1,623.8	R 2,124.5	R 3,793.8	R 2,446.3	269.9	R 230.0	5,685.0	R 212.9	R 938.9	R 9,783.0	387.6	R 89.2	R 16,178.4	R -2,044.3	9,939.9	R 24,074.0
1996	R 482.7	R 1,735.4	R 2,218.1	R 4,078.5	R 2,771.4	320.0	R 277.2	5,978.0	R 247.8	R 970.3	R 10,564.8	393.6	R 95.2	R 17,352.9	R -2,184.6	10,093.6	R 25,261.9
1997	R 477.4	R 1,754.9	R 2,232.3	R 4,349.6	R 2,672.9	366.4	R 252.2	6,124.3	R 187.1	R 954.1	R 10,557.1	R 369.6	R 72.6	R 17,582.6	R -2,096.2	10,157.5	R 25,643.9
1998	R 301.2	R 1,722.1	R 2,023.3	R 3,823.0	R 2,319.0	306.1	R 235.8	5,301.1	R 173.1	R 955.5	R 9,290.6	R 340.1	R 73.6	R 15,548.9	R -2,133.3	9,858.0	R 23,273.6
1999	291.6	R 1,611.0	R 1,902.6	R 4,020.1	R 2,634.7	342.2	R 252.3	5,809.5	R 184.2	R 869.7	R 10,092.5	R 378.2	R 82.3	R 16,475.5	R -2,061.2	8,589.6	R 23,003.9
2000	R 319.8	R 1,534.1	R 1,853.9	R 4,529.1	R 4,052.1	734.5	R 412.5	7,565.0	R 261.0	R 1,127.3	R 14,152.5	R 371.0	R 94.1	R 21,000.6	R -2,068.1	10,175.2	R 29,107.7
2001	292.2	1,503.5	1,795.6	5,736.3	3,818.0	597.8	379.8	7,148.7	185.3	1,092.0	13,221.6	328.7	77.9	21,160.1	-2,029.6	10,757.1	29,887.6

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Pennsylvania

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.03	1.20	1.35	1.57	2.47	1.41	0.40	1.25	7.15	1.97
1975	2.57	1.89	2.81	3.12	4.42	2.89	0.79	2.30	12.80	3.96
1980	2.70	3.73	6.95	8.05	9.00	7.10	2.02	4.86	17.42	7.09
1985	2.83	6.50	7.82	8.62	11.63	R 8.09	R 2.29	R 6.92	25.05	R 10.60
1986	2.76	6.17	6.22	6.93	9.88	R 6.48	1.83	6.09	25.96	R 10.32
1987	2.72	5.82	5.88	6.46	10.30	R 6.17	R 1.75	R 5.76	25.96	R 10.24
1988	2.69	5.59	5.95	6.45	9.26	R 6.18	1.76	R 5.64	25.44	R 10.02
1989	2.79	R 5.90	6.50	6.25	11.08	R 6.74	1.95	6.04	26.09	R 10.40
1990	2.96	R 6.36	7.84	7.97	12.94	R 8.20	2.83	R 6.81	27.03	R 11.74
1991	2.64	6.53	7.62	7.21	13.85	R 8.08	R 2.71	R 6.87	28.09	R 12.15
1992	2.69	6.37	6.79	6.27	11.87	R 7.17	R 2.48	R 6.44	28.33	R 11.57
1993	2.79	6.60	6.60	5.94	11.86	R 6.92	2.42	6.52	27.99	R 11.66
1994	2.75	7.18	6.55	6.13	14.33	R 7.08	2.35	R 6.95	28.00	R 12.10
1995	2.55	6.92	6.31	5.85	13.50	R 6.84	2.30	6.68	28.49	R 12.18
1996	2.73	7.14	7.28	7.11	14.93	7.90	2.64	7.19	28.52	R 12.47
1997	2.66	8.05	7.26	7.00	14.77	R 7.88	2.62	7.84	29.00	R 13.28
1998	2.61	R 8.15	6.22	5.70	13.33	R 6.88	R 2.27	7.55	29.10	R 13.63
1999	2.52	8.01	6.23	5.58	13.51	R 6.87	2.34	7.47	25.96	R 12.53
2000	2.51	8.20	9.35	9.34	17.42	R 10.20	3.51	R 8.79	27.94	R 13.77
2001	4.52	10.91	8.86	10.06	18.63	9.81	3.35	10.34	28.20	15.29
	Expenditures in Million Nominal Dollars									
1970	49.1	367.4	245.1	29.9	17.6	292.7	2.4	711.6	561.5	1,273.0
1975	32.4	527.3	517.2	35.8	34.7	587.6	4.8	1,152.1	1,208.5	2,360.6
1980	20.6	1,098.2	1,127.1	107.8	52.6	1,287.5	38.1	2,444.4	1,888.1	4,332.6
1985	R 18.8	1,644.9	R 1,101.5	139.5	96.3	R 1,337.3	R 29.2	R 3,030.2	2,793.4	R 5,823.6
1986	R 22.4	1,629.4	R 762.3	116.7	71.2	R 950.1	R 22.8	R 2,624.7	3,032.4	R 5,657.1
1987	R 25.1	1,514.6	R 745.6	78.8	84.6	R 909.0	R 20.4	R 2,469.0	3,166.9	R 5,635.9
1988	R 21.3	1,551.9	R 784.3	106.7	79.8	R 970.9	R 21.4	R 2,565.5	3,283.0	R 5,848.5
1989	R 22.0	1,662.4	R 928.5	89.8	103.1	R 1,121.3	24.5	R 2,830.2	3,395.0	R 6,225.2
1990	R 19.4	1,586.5	R 923.0	62.2	118.8	R 1,104.1	35.6	R 2,745.6	3,519.6	R 6,265.2
1991	R 16.8	1,640.8	R 898.2	61.6	147.2	R 1,107.0	R 35.9	R 2,800.6	3,794.8	R 6,595.4
1992	R 19.6	1,759.1	R 811.8	56.3	133.7	R 1,001.8	R 34.6	R 2,815.0	3,793.3	R 6,608.3
1993	R 15.4	1,839.9	R 857.0	55.8	121.5	R 1,034.3	36.2	R 2,925.8	3,959.2	R 6,885.0
1994	12.0	1,996.9	R 840.2	51.8	150.5	R 1,042.6	34.4	R 3,085.9	4,035.4	R 7,121.3
1995	9.8	1,876.8	R 746.8	68.5	151.1	R 966.4	37.5	R 2,890.4	4,160.6	R 7,051.1
1996	8.1	2,056.1	R 878.4	97.3	181.4	R 1,157.1	R 42.8	R 3,264.1	4,247.8	R 7,511.9
1997	9.0	2,186.6	R 810.7	100.8	176.9	R 1,088.4	22.0	R 3,305.9	4,226.7	R 7,532.6
1998	R 6.1	1,841.5	R 588.2	93.9	167.9	R 850.1	R 17.2	R 2,714.9	4,105.7	R 6,820.7
1999	R 5.3	2,004.2	R 695.7	79.7	182.3	R 957.7	19.0	R 2,986.2	3,909.2	R 6,895.4
2000	R 5.4	R 2,231.1	R 1,139.5	R 147.7	282.0	R 1,569.1	29.8	R 3,835.4	4,290.9	R 8,126.3
2001	10.3	2,749.2	1,076.5	164.5	234.2	1,475.2	24.2	4,258.9	4,454.1	8,713.0

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Pennsylvania

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.32	0.93	1.09	0.74	1.40	2.92	0.47	1.12	0.40	0.90	6.71	1.90
1975	1.25	1.67	2.48	2.52	2.84	4.72	2.02	2.56	0.79	1.90	11.88	4.35
1980	1.33	3.49	6.39	6.01	5.36	9.71	4.43	6.08	2.02	3.80	16.63	7.30
1985	1.61	5.99	6.50	8.62	9.45	9.01	4.70	6.47	2.29	R 5.56	23.28	R 10.99
1986	1.53	5.61	4.28	6.93	9.05	6.54	2.71	R 4.44	1.83	R 4.74	23.66	R 10.59
1987	1.47	5.23	4.47	6.46	8.29	7.03	3.05	R 4.57	1.75	R 4.48	22.76	R 10.22
1988	1.45	4.91	4.14	6.45	9.11	7.01	2.54	R 4.31	1.76	4.30	22.37	R 9.98
1989	1.44	R 5.14	4.78	6.25	8.69	7.79	3.02	R 4.88	1.95	4.58	23.26	R 10.32
1990	1.47	R 5.77	5.85	7.97	10.95	9.35	3.46	R 6.07	2.83	R 5.29	24.01	R 11.50
1991	1.43	5.80	5.48	7.21	11.75	9.44	2.51	R 5.76	2.71	R 5.16	24.66	R 11.86
1992	1.42	5.67	5.12	6.27	10.07	9.33	2.51	5.20	1.81	4.90	25.11	R 11.57
1993	1.36	5.78	4.82	5.94	9.88	9.01	2.54	R 4.74	1.87	R 4.98	24.60	R 11.83
1994	1.34	6.27	4.75	6.13	11.08	9.26	2.63	R 4.72	1.76	R 5.30	24.54	R 11.84
1995	1.35	6.07	4.62	5.85	10.83	9.71	2.80	4.70	1.60	R 5.18	24.68	R 11.97
1996	1.35	6.23	5.64	7.11	12.09	10.09	3.35	5.67	1.87	R 5.61	24.70	R 12.23
1997	1.36	7.10	5.20	7.00	11.61	10.24	2.96	R 5.45	1.76	R 6.03	24.89	R 12.92
1998	1.38	7.17	4.07	5.70	10.30	8.70	2.19	R 4.88	1.54	R 6.09	24.49	R 13.30
1999	1.35	7.04	4.46	5.58	10.49	9.49	2.63	R 4.88	1.31	R 6.14	19.32	R 11.30
2000	1.34	7.46	7.00	9.34	13.47	12.30	4.20	R 7.40	1.92	R 6.88	22.80	R 13.38
2001	1.57	10.12	6.43	10.06	14.24	11.39	3.92	6.95	1.50	8.57	23.52	14.89
	Expenditures in Million Nominal Dollars											
1970	12.1	95.9	34.4	1.2	1.8	37.6	15.4	90.4	(s)	198.4	307.6	506.0
1975	36.6	169.1	79.4	2.5	3.9	32.5	46.0	164.3	0.1	370.2	754.3	1,124.5
1980	38.2	422.8	218.2	6.6	5.5	16.0	42.4	288.6	0.9	750.5	1,234.2	1,984.7
1985	R 37.9	714.6	R 208.7	17.5	13.8	21.2	41.8	R 303.0	0.8	R 1,056.3	1,952.9	R 3,009.2
1986	R 41.6	665.6	R 166.9	15.5	11.5	15.8	16.1	R 225.8	0.7	R 933.7	2,088.6	R 3,022.2
1987	R 45.1	622.2	R 168.0	12.0	12.0	17.9	23.1	R 233.0	0.7	R 901.1	2,096.1	R 2,997.2
1988	R 40.7	648.4	R 154.3	15.4	13.9	17.4	18.3	R 219.2	0.8	R 909.1	2,165.3	R 3,074.4
1989	R 42.9	708.5	R 226.0	10.1	14.3	18.5	R 17.2	R 286.0	0.9	R 1,038.3	2,335.5	R 3,373.8
1990	R 38.6	754.0	R 226.4	6.8	17.7	34.4	R 17.3	R 302.6	2.3	R 1,097.6	2,473.4	R 3,571.0
1991	R 41.6	753.3	R 201.4	5.3	22.0	27.5	R 9.9	R 266.2	2.3	R 1,063.4	2,659.7	R 3,723.1
1992	R 47.2	788.1	R 187.6	3.6	20.0	16.4	R 13.8	R 241.5	3.1	R 1,079.8	2,725.8	R 3,805.7
1993	R 34.2	789.3	R 179.8	5.8	17.9	4.1	R 17.7	R 225.3	3.7	R 1,052.5	2,789.3	R 3,841.8
1994	33.0	900.1	R 212.7	11.6	20.5	4.2	R 22.6	R 271.7	3.7	R 1,208.5	2,877.5	R 4,086.0
1995	34.8	902.7	R 170.3	17.5	21.4	4.4	R 21.5	R 235.1	4.2	R 1,176.8	2,992.5	R 4,169.2
1996	29.2	995.9	R 202.1	22.4	25.9	4.6	R 27.4	R 282.5	4.9	R 1,312.4	3,064.9	R 4,377.3
1997	37.1	1,059.0	R 145.7	12.8	24.5	15.1	R 19.2	R 217.4	3.6	R 1,317.0	3,127.4	R 4,444.4
1998	R 26.0	973.3	R 109.1	9.2	22.9	42.2	R 8.2	R 191.5	3.3	R 1,194.1	3,094.1	R 4,288.3
1999	R 20.8	1,044.3	R 123.5	10.9	25.0	9.3	R 8.9	R 177.6	3.5	R 1,246.3	2,525.1	R 3,771.4
2000	R 23.3	R 1,121.9	R 224.1	R 21.5	38.5	9.4	R 16.7	R 310.2	4.8	R 1,460.3	3,343.7	R 4,804.0
2001	29.0	1,456.1	224.4	28.6	31.6	7.5	12.3	304.5	4.7	1,794.3	3,598.6	5,392.9

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Pennsylvania

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	0.44	0.32	0.41	0.57	0.78	0.70	0.74	1.40	5.08	2.92	0.50	1.60	1.00	1.60	0.56	3.55	0.79
1975	1.52	1.25	1.47	1.07	1.97	2.38	2.52	2.84	7.48	4.72	2.07	2.90	2.60	1.60	1.62	7.99	2.25
1980	2.20	1.33	2.03	3.00	3.72	5.67	6.01	5.36	14.36	9.71	4.07	8.09	6.26	1.62	3.12	12.87	4.29
1985	1.88	1.61	1.81	4.77	4.95	6.40	6.97	9.45	17.61	9.01	4.70	7.98	R 7.78	1.62	R 3.94	17.07	6.02
1986	1.76	1.53	1.68	4.21	4.01	4.10	4.88	9.05	15.59	6.54	2.71	6.43	R 5.86	1.52	R 3.53	17.31	R 5.88
1987	1.59	1.47	1.55	3.52	3.25	4.54	4.70	8.29	13.58	7.03	3.05	7.18	R 5.62	1.52	R 3.18	16.91	R 5.40
1988	1.61	1.45	1.57	3.50	3.04	4.29	4.32	9.11	14.62	7.01	2.54	6.16	R 5.50	1.52	R 2.97	16.18	R 5.16
1989	1.67	1.44	R 1.61	R 3.75	2.81	4.99	5.33	8.69	14.48	7.79	3.02	7.12	R 5.69	R d 1.28	R d 3.16	16.86	R d 5.37
1990	1.71	1.47	R 1.65	R 4.01	2.83	5.89	6.67	10.95	14.60	9.35	3.46	R 6.11	R 5.92	R 1.08	R 3.32	17.51	R 5.57
1991	1.75	1.43	R 1.65	3.88	2.76	5.47	5.74	11.75	16.80	9.44	2.51	R 5.43	R 6.14	R 1.21	R 3.35	18.43	R 5.86
1992	1.73	1.42	R 1.65	3.62	2.31	5.19	4.92	10.07	18.32	9.33	2.51	R 7.16	R 6.42	R 1.20	R 3.29	18.21	R 5.66
1993	1.73	1.36	R 1.63	3.71	3.15	5.14	4.81	9.88	18.96	9.01	2.54	R 6.34	R 6.26	R 1.19	R 3.18	17.69	R 5.47
1994	1.73	1.34	R 1.63	3.87	3.27	5.04	4.99	8.80	19.11	9.26	2.63	R 6.29	R 6.13	R 1.25	R 3.19	17.39	R 5.46
1995	1.72	1.35	R 1.63	3.77	3.44	5.04	4.57	8.74	19.41	9.71	2.80	R 6.35	R 6.44	R 1.28	R 3.15	17.35	R 5.47
1996	1.69	1.35	R 1.59	3.98	3.29	5.98	5.70	9.26	20.08	10.09	3.35	R 7.91	6.95	R 1.28	R 3.26	17.38	R 5.57
1997	R 1.72	1.36	R 1.62	4.45	3.79	5.38	5.28	10.23	17.98	10.24	2.96	R 6.83	R 6.82	R 1.26	R 3.36	17.25	R 5.71
1998	R 1.55	1.38	R 1.49	R 4.00	3.17	4.17	3.71	9.52	19.07	8.70	2.19	R 5.46	R 6.09	R 1.46	R 3.31	16.51	R 5.80
1999	R 1.62	1.35	R 1.53	3.85	3.29	4.85	4.39	9.71	16.75	9.49	2.63	R 6.47	R 6.64	R 1.55	R 3.36	13.81	R 5.35
2000	R 1.66	1.34	R 1.56	R 4.95	4.72	7.73	8.10	14.21	17.99	12.30	4.20	R 7.95	R 8.17	R 1.57	R 4.14	16.50	R 6.41
2001	1.73	1.57	1.68	6.81	4.15	6.95	6.76	13.00	19.00	11.39	3.92	6.80	7.55	1.69	4.77	17.27	7.25
	Expenditures in Million Nominal Dollars																
1970	317.5	64.3	381.8	186.2	34.0	38.9	2.5	12.6	77.6	18.1	60.9	31.1	275.7	8.5	852.2	458.4	1,310.6
1975	913.7	172.0	1,085.7	266.6	74.2	144.8	17.1	36.2	102.3	27.2	196.0	63.3	661.2	9.5	2,023.0	1,092.1	3,115.1
1980	1,005.0	150.8	1,155.8	957.9	127.1	358.4	7.1	102.8	240.0	29.9	153.1	343.3	1,361.9	20.1	3,495.7	1,964.8	5,460.5
1985	492.9	154.7	647.5	1,077.2	161.3	R 235.6	13.6	153.7	267.9	60.4	70.5	264.1	R 1,227.1	23.5	R 2,975.4	2,430.3	R 5,405.8
1986	330.9	153.1	484.0	850.2	158.5	R 172.6	12.3	192.4	231.9	43.2	70.8	163.9	R 1,045.6	17.3	R 2,397.2	2,419.9	R 4,817.1
1987	357.1	152.3	509.5	800.7	141.9	R 231.9	11.7	167.9	228.4	48.5	90.6	183.6	R 1,104.5	17.3	R 2,431.9	2,488.3	R 4,920.2
1988	437.4	146.5	583.9	803.4	110.4	R 195.0	8.6	99.6	237.0	51.0	59.1	155.4	R 916.2	18.0	R 2,321.4	2,507.3	R 4,828.7
1989	442.2	148.1	R 590.3	908.2	125.1	R 203.7	7.7	114.3	240.9	54.9	R 87.5	175.3	R 1,009.4	R d 15.9	R d 2,523.8	2,589.8	R d 5,113.6
1990	480.0	148.9	R 628.9	943.7	140.3	R 255.7	4.8	116.5	249.9	58.0	R 106.1	R 205.9	R 1,137.2	R 12.1	R 2,721.9	2,702.2	R 5,424.1
1991	412.9	143.8	R 556.7	885.5	113.6	R 195.8	4.7	161.5	257.2	62.2	R 50.7	R 198.3	R 1,044.0	R 13.8	R 2,500.0	2,738.0	R 5,238.0
1992	458.8	147.2	R 606.0	848.2	92.4	R 217.6	3.9	190.2	286.0	65.8	R 51.7	R 217.4	R 1,124.9	R 14.1	R 2,593.3	2,716.4	R 5,309.7
1993	479.5	145.0	R 624.5	R 888.5	127.2	R 193.4	6.2	76.5	301.4	45.4	R 51.6	R 197.6	R 999.4	R 14.6	R 2,527.0	2,643.4	R 5,170.4
1994	501.8	134.7	R 636.5	R 906.2	165.2	R 166.9	7.2	56.7	317.6	43.9	R 53.1	R 196.0	R 1,006.7	R 19.0	R 2,568.3	2,664.3	R 5,232.6
1995	500.7	135.5	R 636.2	R 933.1	178.4	R 125.4	4.4	50.7	317.0	47.3	R 36.1	R 192.6	R 951.8	R 28.0	R 2,549.2	2,744.0	R 5,293.1
1996	R 482.7	149.3	R 632.0	R 952.7	163.1	R 153.6	4.8	64.3	318.3	45.0	R 51.9	R 201.7	R 1,002.7	R 30.3	R 2,617.7	2,736.0	R 5,353.7
1997	R 477.4	R 151.6	R 629.1	R 1,042.5	175.3	R 129.4	4.5	46.3	301.0	47.4	R 32.2	R 206.0	R 942.0	R 32.5	R 2,646.1	2,759.3	R 5,405.4
1998	R 301.2	R 122.5	R 423.7	R 908.4	165.9	R 97.7	3.9	40.6	334.2	39.6	R 18.8	R 176.6	R 877.3	R 34.3	R 2,243.7	2,610.7	R 4,854.4
1999	291.6	120.0	R 411.6	R 874.4	109.2	R 141.2	5.0	41.0	296.6	36.7	R 20.3	R 214.6	R 864.5	R 38.8	R 2,189.3	2,117.6	R 4,306.9
2000	R 319.8	114.3	R 434.1	R 1,095.5	230.5	R 248.2	R 9.9	88.2	313.8	45.0	R 35.4	R 245.9	R 1,217.1	R 38.4	R 2,785.0	2,497.7	R 5,282.7
2001	292.2	129.5	421.6	1,328.4	239.5	237.3	10.7	108.9	303.7	80.9	18.8	193.6	1,193.4	32.0	2,975.4	2,656.8	5,632.2

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.

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

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

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Pennsylvania

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.32	—	2.17	1.35	0.72	1.40	5.08	2.92	0.42	2.48	2.47	3.66	2.48
1975	1.25	—	3.45	2.64	2.01	2.84	7.48	4.72	1.80	4.15	4.15	8.41	4.16
1980	—	—	9.02	7.05	6.27	5.36	14.36	9.71	3.76	8.85	8.85	15.14	8.86
1985	—	—	9.99	8.35	5.84	R 9.99	17.61	9.01	4.14	8.65	8.65	21.08	8.67
1986	—	—	8.41	6.52	3.91	R 9.56	15.59	6.54	2.23	6.27	6.27	20.55	6.29
1987	—	—	7.55	6.73	4.02	R 8.75	13.58	7.03	2.78	6.62	6.62	29.63	6.66
1988	—	—	7.41	6.66	3.85	R 9.62	14.62	7.01	2.08	6.57	6.57	29.15	6.60
1989	—	—	8.28	7.05	4.44	R 9.18	14.48	7.79	2.47	7.32	7.32	29.79	R 7.37
1990	—	R 4.70	9.32	8.79	5.59	R 12.17	14.60	9.35	2.82	8.70	8.70	31.65	8.74
1991	—	5.08	8.71	8.56	4.81	R 13.21	16.80	9.44	2.10	8.66	8.66	32.83	8.70
1992	—	5.76	8.54	8.43	4.49	R 11.62	18.32	9.33	2.18	R 8.51	R 8.51	33.51	8.54
1993	—	7.98	8.24	8.32	4.17	R 11.41	18.96	9.01	2.15	8.28	8.28	33.89	R 8.32
1994	—	R 6.24	7.96	8.31	3.90	R 10.42	19.11	9.26	2.44	8.44	8.44	33.51	R 8.48
1995	—	6.99	8.36	8.06	3.87	R 10.00	19.41	9.71	2.60	R 8.75	R 8.75	33.08	R 8.78
1996	—	4.00	9.29	9.02	4.77	R 10.51	20.08	10.09	3.22	R 9.38	R 9.38	33.09	9.41
1997	—	4.83	9.39	8.86	4.36	R 10.69	17.98	10.24	R 2.63	9.23	9.23	34.33	R 9.27
1998	—	R 4.84	8.11	8.25	3.23	R 9.51	19.07	8.70	2.05	R 7.89	R 7.89	36.50	R 7.93
1999	—	5.72	8.81	8.77	3.79	R 11.42	16.75	9.49	R 2.68	R 8.62	R 8.62	28.24	R 8.65
2000	—	4.73	R 10.87	11.82	6.81	R 15.45	17.99	12.30	R 3.45	R 11.36	R 11.36	31.39	R 11.39
2001	—	8.19	11.01	10.84	5.59	15.68	19.00	11.39	3.00	10.55	10.55	33.87	10.58
	Expenditures in Million Nominal 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	R 989.1	334.6	R 8.9	127.5	4,745.5	55.7	R 6,272.0	R 6,272.0	26.3	R 6,298.2
1986	—	—	10.7	R 801.7	219.3	R 6.7	110.4	3,517.5	63.8	R 4,730.2	R 4,730.2	27.5	R 4,757.7
1987	—	—	5.6	R 947.1	239.6	R 4.9	108.7	3,870.1	103.0	R 5,279.1	R 5,279.1	39.8	R 5,318.8
1988	—	—	7.1	R 971.8	255.1	R 6.2	112.8	4,010.2	71.6	R 5,434.7	R 5,434.7	40.1	R 5,474.9
1989	—	—	7.4	R 947.3	242.5	R 5.8	114.7	4,382.0	R 63.5	R 5,763.2	R 5,763.2	41.9	R 5,805.2
1990	—	(s)	6.8	R 1,187.3	380.7	R 6.9	119.0	5,184.8	R 99.1	R 6,984.6	R 6,984.6	42.8	R 7,027.4
1991	—	(s)	5.1	R 1,187.6	309.5	R 9.0	122.5	5,222.8	R 75.0	R 6,931.5	R 6,931.5	44.7	R 6,976.2
1992	—	R 0.3	7.0	R 1,206.6	277.8	R 7.9	136.1	5,184.4	R 94.7	R 6,914.6	R 6,915.0	41.2	R 6,956.1
1993	—	R 0.6	6.2	R 1,285.2	278.1	R 8.1	143.5	5,157.0	R 81.3	R 6,959.3	R 6,959.9	39.9	R 6,999.8
1994	—	R 0.5	5.5	R 1,358.6	259.7	R 13.6	151.2	5,253.8	R 90.5	R 7,132.8	R 7,133.3	42.3	R 7,175.6
1995	—	R 0.8	5.3	R 1,372.8	269.9	R 6.8	150.9	5,633.2	R 77.9	R 7,517.0	R 7,517.7	42.8	R 7,560.5
1996	—	R 0.6	5.7	R 1,495.0	320.0	R 5.6	151.5	5,928.4	R 67.3	R 7,973.5	R 7,974.1	44.9	R 8,019.0
1997	—	R 0.1	5.1	R 1,560.4	366.4	R 4.5	143.3	6,061.9	R 75.7	R 8,217.3	R 8,217.4	44.1	R 8,261.4
1998	—	R 1.3	5.1	R 1,496.8	306.1	R 4.4	159.1	5,219.4	R 70.5	R 7,261.5	R 7,262.8	47.4	R 7,310.2
1999	—	R 2.0	9.1	R 1,646.3	342.2	R 4.0	141.2	5,763.5	R 84.2	R 7,990.5	R 7,992.5	37.7	R 8,030.2
2000	—	R 1.8	R 8.5	R 2,341.2	734.5	R 3.8	149.4	7,510.6	R 102.1	R 10,850.0	R 10,851.8	42.9	R 10,894.7
2001	—	3.6	6.8	2,237.7	597.8	5.0	144.6	7,060.3	46.2	10,098.3	10,101.9	47.7	10,149.5

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Pennsylvania (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.31	0.41	0.47	0.49	—	0.47	0.21	—	—	—	0.34
1975	0.96	1.47	2.07	2.27	—	2.12	0.25	—	—	—	0.93
1980	1.33	3.60	4.52	5.85	0.72	4.60	0.42	—	—	—	1.55
1985	1.56	5.08	4.32	5.85	1.27	4.30	0.92	—	—	—	1.61
1986	1.49	3.61	2.42	3.79	1.09	2.47	0.78	—	—	—	1.36
1987	1.44	3.35	2.99	4.01	1.05	2.95	0.78	—	—	—	1.37
1988	1.45	3.33	2.37	3.57	1.02	2.39	0.84	—	—	—	1.35
1989	1.45	3.48	2.87	4.07	0.94	2.88	0.88	0.67	—	—	1.40
1990	1.52	2.95	3.31	5.48	0.90	3.52	0.83	0.46	—	—	1.35
1991	1.55	2.95	2.40	4.76	0.84	2.49	0.77	0.50	—	—	1.30
1992	1.48	2.97	2.45	4.31	0.78	2.41	0.68	0.51	—	—	1.21
1993	1.44	2.58	2.40	4.05	0.58	2.39	0.66	0.55	—	—	1.20
1994	1.43	2.29	2.53	3.89	0.54	2.57	0.62	0.56	4.09	—	1.17
1995	1.36	1.98	2.55	3.80	0.55	2.43	0.56	0.70	4.04	2.18	1.09
1996	1.38	2.77	3.19	4.79	0.67	3.06	0.55	0.59	3.82	2.31	1.12
1997	1.36	2.93	2.61	4.34	0.68	2.48	0.52	0.50	3.77	1.62	1.08
1998	1.35	3.17	2.13	3.00	0.94	2.10	0.53	0.61	4.01	3.02	1.11
1999	1.30	2.93	2.55	3.61	0.79	2.56	0.51	0.67	4.92	4.16	1.04
2000	1.15	3.71	3.58	6.57	0.74	4.57	0.48	0.67	—	—	1.00
2001	1.21	8.51	3.32	6.19	0.80	3.80	0.43	0.47	—	—	1.03
	Expenditures in Million Nominal Dollars										
1970	213.6	4.0	66.6	11.3	—	77.8	1.1	—	—	—	296.5
1975	822.7	1.8	133.8	45.2	—	178.9	44.3	—	—	—	1,047.7
1980	1,364.4	10.5	489.2	76.2	1.4	566.8	55.4	—	—	—	1,997.2
1985	1,592.7	8.0	315.7	48.5	6.0	370.2	257.5	—	—	—	2,228.4
1986	1,483.7	2.7	198.0	31.7	5.8	235.5	329.7	—	—	—	2,051.6
1987	1,458.8	6.9	211.0	36.6	6.8	254.5	284.7	—	—	—	2,004.9
1988	1,534.8	9.1	163.7	34.7	7.5	206.0	338.1	—	—	—	2,088.0
1989	1,569.1	34.3	228.5	49.9	6.4	284.9	364.8	3.3	—	—	2,256.5
1990	1,605.3	41.2	138.4	68.3	5.4	212.1	506.8	4.1	—	—	2,369.5
1991	1,627.7	22.3	90.1	26.9	5.0	122.0	462.7	7.7	—	—	2,242.4
1992	1,578.3	39.5	56.5	20.8	4.8	82.1	427.5	10.6	—	—	2,138.1
1993	1,538.4	61.2	114.5	23.4	3.2	141.1	409.8	12.9	—	—	2,163.3
1994	1,457.2	68.5	131.1	44.7	3.6	179.4	437.8	13.9	2.0	—	2,158.9
1995	1,443.8	80.5	77.4	31.0	4.3	112.7	387.6	19.5	0.3	0.1	2,044.3
1996	1,548.9	73.2	101.2	42.3	5.5	148.9	393.6	17.2	2.7	0.1	2,184.6
1997	1,557.2	61.4	60.0	26.7	5.4	92.1	369.6	14.5	1.5	(s)	2,096.2
1998	1,567.4	98.5	75.6	27.1	7.5	110.2	340.1	18.8	0.1	1.8	2,133.3
1999	1,464.9	95.2	70.8	27.9	3.4	102.2	378.2	21.0	0.2	0.4	2,061.2
2000	1,391.0	78.9	106.8	99.2	0.1	206.0	371.0	21.0	—	—	2,068.1
2001	1,334.7	199.1	108.0	42.1	0.1	150.2	328.7	16.9	—	—	2,029.6

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Rhode Island

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.94	0.94	1.38	1.35	0.75	1.77	2.90	0.43	1.36	1.41	—	2.56	1.42	0.43	6.85	1.92
1975	—	2.64	2.64	2.74	2.76	2.09	3.50	4.50	1.92	2.53	3.17	—	2.51	3.10	1.84	13.78	4.14
1980	—	1.92	1.92	5.09	7.06	6.51	6.57	9.72	4.03	6.05	7.59	—	2.85	6.99	3.91	20.67	8.96
1985	—	R 2.62	R 2.62	6.66	R 8.01	6.10	R 12.06	9.13	4.66	5.80	R 7.64	—	3.22	R 7.37	R 4.24	24.73	R 9.56
1986	—	R 2.59	R 2.59	6.77	R 6.17	4.25	R 11.03	7.36	2.67	6.03	5.98	—	2.58	6.07	R 2.40	23.40	R 8.37
1987	—	R 2.64	R 2.64	5.49	R 6.14	4.18	R 11.56	7.96	3.10	4.51	R 6.37	—	2.46	6.13	R 2.51	23.93	R 8.50
1988	—	2.53	2.53	5.94	R 6.28	4.04	R 11.39	8.40	2.47	4.33	R 6.33	—	R 2.49	6.12	R 2.99	23.28	R 8.42
1989	—	R 2.64	R 2.64	6.21	R 6.96	4.75	R 9.60	9.11	2.89	4.22	R 7.13	—	e 2.75	e 6.85	R 2.81	24.24	R e 9.32
1990	—	R 2.90	R 2.90	R 5.49	R 8.45	6.03	R 12.86	10.03	R 3.41	4.42	8.21	—	R 2.03	R 7.34	R 2.34	26.81	R 10.45
1991	—	R 2.93	R 2.93	R 4.81	R 7.75	5.23	R 14.31	10.09	2.86	6.00	R 8.45	—	R 2.03	R 6.71	R 2.15	29.80	R 10.37
1992	—	R 2.87	R 2.87	R 4.41	R 7.15	4.79	R 12.55	9.83	R 2.56	4.10	R 7.69	—	R 1.86	R 5.87	R 2.25	30.18	R 9.23
1993	—	R 2.62	R 2.62	R 4.75	R 7.08	4.49	R 12.53	9.57	2.84	5.38	R 7.81	—	R 1.80	R 6.34	R 2.49	30.48	R 10.64
1994	—	2.51	2.51	R 4.64	R 6.94	4.20	R 13.46	9.91	2.80	5.20	R 7.81	—	R 1.79	R 6.07	R 2.37	30.02	R 9.56
1995	—	2.49	2.49	R 4.15	R 6.97	4.19	R 13.20	10.49	2.97	5.65	R 8.31	—	R 1.83	R 6.07	R 2.06	30.43	9.88
1996	—	2.53	2.53	R 4.07	R 7.77	5.18	R 15.04	10.81	3.63	8.36	9.07	—	R 1.95	R 6.12	R 2.33	30.71	R 10.59
1997	—	2.71	2.71	R 4.90	R 7.96	4.86	R 16.52	10.87	3.41	8.41	R 9.07	—	R 1.76	R 6.68	3.27	31.37	11.06
1998	—	2.49	2.49	R 4.60	R 6.90	3.51	14.87	9.26	2.81	8.07	R 7.92	—	R 1.50	R 5.90	3.28	28.07	R 9.50
1999	—	R 2.52	R 2.52	R 4.59	R 7.12	4.09	R 12.98	10.10	R 2.84	7.79	R 8.42	—	R 1.55	R 6.21	R 2.81	25.28	R 9.81
2000	—	R 2.23	R 2.23	R 6.11	R 10.10	6.98	R 18.20	12.99	R 4.63	R 10.24	R 11.23	—	R 2.21	R 8.49	R 4.22	29.82	R 13.18
2001	—	2.28	2.28	6.11	9.70	5.92	17.89	12.33	4.77	10.23	10.69	—	1.94	8.29	3.34	31.62	13.95
	Expenditures in Million Nominal Dollars																
1970	—	0.2	0.2	35.2	67.9	0.6	2.5	122.0	25.7	15.5	234.1	—	6.8	276.4	-9.3	90.7	357.7
1975	—	0.4	0.4	64.3	128.5	3.2	6.5	211.9	52.9	31.4	434.3	—	5.0	503.9	-18.1	209.3	695.0
1980	—	0.3	0.3	142.7	207.0	12.8	7.1	429.7	63.9	74.0	794.4	—	6.2	943.6	-47.5	361.9	1,258.1
1985	—	0.6	0.6	204.6	R 230.6	17.1	R 21.8	415.6	65.5	127.4	R 877.9	—	5.9	R 1,098.0	R -36.6	458.2	R 1,519.7
1986	—	1.8	1.8	182.9	R 207.4	9.3	R 23.5	345.4	63.2	72.5	R 721.3	—	4.6	R 910.8	R -22.5	451.6	R 1,339.9
1987	—	0.3	0.3	202.3	R 241.5	12.5	28.3	382.0	45.2	62.3	R 771.7	—	3.2	R 977.8	R -27.0	485.1	R 1,435.9
1988	—	11.1	11.1	187.0	R 243.1	14.5	R 23.5	409.1	47.2	58.7	R 796.0	—	3.4	R 1,011.4	R -36.3	494.0	R 1,469.0
1989	—	1.8	1.8	215.8	R 258.5	19.4	17.7	424.5	R 30.8	52.1	R 803.1	—	e 3.9	R e 1,026.5	R -19.7	526.0	R e 1,532.8
1990	—	0.4	0.4	R 221.6	R 260.0	26.4	23.3	461.7	R 30.5	55.2	R 857.2	—	R 6.0	R 1,085.9	R -29.7	587.3	R 1,643.5
1991	—	0.3	0.3	R 375.0	R 258.9	19.4	R 24.1	459.9	R 19.6	25.9	R 807.8	—	R 6.0	R 1,197.5	R -59.8	651.1	R 1,788.8
1992	—	0.4	0.4	R 518.1	R 249.8	15.1	20.7	451.9	R 19.2	46.0	R 802.8	—	R 5.9	R 1,340.6	R -100.2	658.3	R 1,898.7
1993	—	0.2	0.2	R 363.0	R 236.9	13.4	R 23.2	446.5	R 23.3	35.5	R 778.8	—	R 6.1	R 1,162.8	R -105.2	681.0	R 1,738.5
1994	—	0.2	0.2	R 517.8	R 261.6	12.6	R 24.5	447.2	R 20.5	49.7	R 816.1	—	R 5.8	R 1,356.4	R -105.9	673.2	R 1,923.7
1995	—	0.2	0.2	R 427.4	R 237.1	11.8	22.0	488.6	R 17.4	44.7	R 821.6	—	R 6.4	R 1,273.2	R -87.5	688.9	R 1,874.5
1996	—	0.2	0.2	R 514.7	R 272.1	15.8	29.1	508.0	R 22.4	30.0	R 877.5	—	R 7.2	R 1,417.0	R -163.8	691.9	R 1,945.1
1997	—	0.2	0.2	R 586.3	R 310.8	22.8	R 25.2	521.1	R 19.4	28.5	R 927.8	—	R 4.9	R 1,541.0	R -229.0	716.4	R 2,028.4
1998	—	0.1	0.1	R 614.5	R 224.2	18.3	25.9	453.2	R 12.1	29.7	R 763.3	—	R 4.2	R 1,401.4	R -223.1	657.8	R 1,836.1
1999	—	0.1	0.1	R 553.5	R 226.8	24.5	R 23.8	504.8	R 11.4	29.6	R 821.0	—	R 4.7	R 1,404.7	R -175.8	616.7	R 1,845.7
2000	—	0.1	0.1	R 559.1	R 321.1	50.7	29.3	640.7	R 19.8	R 30.1	R 1,091.8	—	R 6.8	R 1,674.1	R -240.1	743.0	R 2,177.0
2001	—	0.1	0.1	600.7	324.8	43.8	27.9	617.6	19.0	33.6	1,066.5	—	5.4	1,677.4	-211.4	846.6	2,312.6

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Rhode Island

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	0.98	1.79	1.49	1.70	2.55	1.52	0.56	1.58	8.44	2.18
1975	2.62	3.04	2.85	3.16	5.49	2.90	1.11	2.92	15.43	4.30
1980	4.47	5.58	7.29	8.15	8.57	7.33	2.85	6.38	22.64	8.78
1985	4.39	7.62	8.15	8.61	11.44	R 8.31	3.22	R 7.83	26.77	R 10.48
1986	4.19	7.25	6.33	8.69	9.82	R 6.58	2.58	R 6.69	25.42	R 9.51
1987	3.85	6.63	6.31	5.96	11.25	R 6.54	2.46	R 6.45	25.93	R 9.42
1988	3.99	6.43	6.39	5.58	11.14	R 6.55	R 2.49	6.38	25.28	R 9.21
1989	3.96	R 6.95	7.18	5.23	8.50	7.21	2.75	R 6.95	26.34	R 10.07
1990	4.21	7.03	8.38	6.69	13.81	R 8.65	2.83	R 7.62	28.84	R 11.27
1991	4.07	R 7.43	7.71	5.94	15.22	R 8.08	R 2.71	R 7.52	32.22	R 11.75
1992	3.94	R 7.56	7.04	5.01	13.80	R 7.30	R 2.48	7.20	32.75	R 11.03
1993	3.96	7.94	6.89	4.52	13.58	R 7.22	2.42	R 7.32	33.37	R 11.41
1994	4.07	R 8.82	6.83	5.46	15.99	R 7.25	2.35	R 7.66	32.99	R 11.70
1995	4.01	R 7.80	6.74	4.75	16.05	R 7.18	2.30	R 7.17	33.62	R 11.64
1996	4.19	R 7.72	7.61	5.71	17.67	R 8.19	2.64	R 7.69	34.60	R 11.97
1997	4.14	R 9.27	7.63	5.81	18.02	R 8.15	2.62	R 8.45	35.52	12.94
1998	4.10	R 9.31	6.70	4.77	16.31	R 7.30	R 2.27	8.00	31.97	R 12.35
1999	4.06	R 9.25	6.62	6.83	16.28	R 7.09	2.34	R 7.88	29.65	R 12.07
2000	4.12	R 9.39	9.71	10.44	20.66	R 10.26	3.51	R 9.61	33.06	R 13.83
2001	4.05	11.82	9.54	9.81	21.46	10.02	3.35	10.61	35.56	15.12
	Expenditures in Million Nominal Dollars									
1970	0.1	21.9	50.7	3.2	1.5	55.5	0.3	77.7	40.0	117.7
1975	0.1	40.2	89.6	1.6	3.0	94.1	0.6	135.0	88.7	223.7
1980	0.1	79.5	140.0	2.5	3.6	146.1	6.0	231.6	142.1	373.8
1985	0.1	118.0	R 181.3	6.4	11.5	R 199.2	5.7	R 323.0	180.0	R 503.0
1986	0.1	120.2	R 123.2	8.0	9.2	R 140.3	4.5	R 265.1	179.0	R 444.1
1987	0.1	114.0	R 134.1	3.4	12.5	R 150.0	3.1	R 267.2	193.4	R 460.6
1988	0.1	116.7	R 153.5	3.0	10.7	R 167.2	R 3.3	R 287.2	200.0	R 487.2
1989	0.1	130.4	R 147.7	1.7	8.5	R 157.9	3.7	R 292.1	213.0	R 505.1
1990	0.1	128.0	R 148.1	1.4	13.9	R 163.4	5.2	R 296.7	233.8	R 530.5
1991	0.1	132.5	R 139.7	1.2	15.4	R 156.3	5.2	R 294.1	260.4	R 554.5
1992	0.1	153.6	R 155.9	1.0	13.4	R 170.3	5.0	R 329.0	264.1	R 593.0
1993	R 0.1	161.1	R 140.4	1.0	15.6	R 157.0	5.1	R 323.3	274.6	R 597.9
1994	(s)	158.5	R 155.6	1.2	18.2	R 175.0	4.8	R 338.4	276.6	R 614.9
1995	(s)	139.1	R 136.1	0.7	16.5	R 153.3	5.3	R 297.7	283.5	R 581.2
1996	(s)	159.9	R 154.2	1.0	22.6	R 177.8	6.0	R 343.8	292.8	R 636.6
1997	(s)	174.5	R 160.3	1.1	20.7	R 182.2	3.9	R 360.6	301.3	R 661.9
1998	(s)	157.4	R 127.4	1.1	21.9	R 150.4	3.0	R 310.8	275.0	R 585.9
1999	(s)	158.2	R 121.9	1.9	15.3	R 139.1	3.3	R 300.7	269.8	R 570.5
2000	(s)	183.4	R 184.6	R 3.8	20.7	R 209.1	5.3	R 397.7	300.5	R 698.2
2001	(s)	218.3	197.9	3.8	18.9	220.6	4.3	443.2	327.4	770.5

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Rhode Island

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.90	1.44	1.10	0.78	1.20	2.90	0.44	0.85	0.56	1.00	7.02	2.08
1975	2.65	2.71	2.44	2.59	2.66	4.50	1.81	2.28	1.11	2.39	13.84	5.23
1980	1.67	5.00	6.46	—	5.29	9.72	3.96	6.05	2.85	5.42	20.45	10.66
1985	2.39	6.45	6.92	8.61	12.75	9.13	4.96	R 6.12	3.22	R 6.27	24.56	R 12.38
1986	2.53	6.21	4.74	8.69	11.92	7.36	2.85	R 3.82	2.58	4.64	23.01	R 9.80
1987	2.37	5.38	5.18	5.96	11.80	7.96	3.42	R 4.79	2.46	R 5.07	23.26	R 10.48
1988	2.52	5.65	5.02	5.58	11.54	8.40	2.83	R 4.32	2.49	R 4.93	22.62	R 10.60
1989	2.60	6.24	5.52	5.23	10.83	9.11	3.06	R 4.87	2.75	R 5.57	23.52	R 11.67
1990	2.58	6.04	6.95	6.69	11.56	10.03	3.35	R 5.58	2.83	R 5.76	26.21	R 12.85
1991	2.68	5.87	6.00	5.94	12.78	10.09	2.92	R 5.00	2.71	R 5.38	29.00	R 13.33
1992	2.64	R 6.22	5.82	5.01	10.66	9.83	2.71	R 4.70	2.48	R 5.49	29.51	R 13.82
1993	2.32	6.90	5.55	4.52	10.72	9.57	2.82	R 4.38	2.42	R 5.69	30.01	R 13.98
1994	2.23	R 7.32	5.59	5.46	10.52	9.91	2.82	R 4.57	2.35	R 6.09	29.41	R 13.01
1995	2.26	R 6.23	5.49	4.75	10.79	10.49	3.00	R 4.63	2.30	R 5.57	29.78	R 13.25
1996	2.30	R 6.82	6.11	5.71	11.95	10.81	3.62	5.14	2.64	R 6.10	30.02	R 13.08
1997	2.53	R 7.92	5.85	5.81	11.77	10.87	3.41	4.95	2.62	R 6.67	30.84	R 14.11
1998	2.29	R 7.91	4.88	4.77	10.51	9.26	2.82	R 4.35	2.27	R 6.57	27.55	R 13.84
1999	R 2.31	R 7.79	5.08	6.83	10.54	10.10	2.84	R 4.44	2.34	R 6.66	23.12	R 13.00
2000	R 2.00	R 8.17	8.41	10.44	13.49	12.99	4.65	R 7.12	3.51	R 7.77	28.95	R 15.21
2001	2.06	10.38	7.49	9.81	13.95	12.33	4.77	6.95	3.35	9.10	29.85	17.13
	Expenditures in Million Nominal Dollars											
1970	0.1	7.5	9.4	(s)	0.1	0.6	2.7	12.8	(s)	20.3	30.8	51.1
1975	0.2	11.6	19.3	(s)	0.3	1.0	6.9	27.3	(s)	39.2	74.4	113.6
1980	0.1	34.5	23.2	—	0.4	2.5	4.5	30.6	0.1	65.3	132.0	197.3
1985	0.2	50.6	R 19.9	0.2	2.3	1.5	17.2	R 41.1	0.2	R 92.0	181.0	R 273.0
1986	0.2	42.9	R 24.8	0.2	2.0	1.3	20.5	R 48.8	0.1	R 92.1	178.1	R 270.2
1987	0.2	52.0	R 30.7	0.2	2.3	1.5	10.9	R 45.7	0.1	R 97.9	190.2	R 288.1
1988	0.2	48.4	R 27.0	0.1	2.0	1.6	11.0	R 41.7	0.1	R 90.4	196.0	R 286.3
1989	0.2	56.2	R 27.8	0.1	1.9	1.8	R 8.7	R 40.4	0.1	R 96.9	211.0	R 308.0
1990	0.3	50.0	R 32.4	0.1	2.0	2.0	R 12.6	R 49.1	0.3	R 99.7	240.4	R 340.1
1991	0.2	49.9	R 31.4	(s)	2.3	1.9	10.8	R 46.4	0.3	R 96.8	264.3	R 361.1
1992	0.3	57.4	R 23.8	0.1	1.8	1.7	R 8.8	R 36.1	0.3	R 94.1	268.9	R 363.0
1993	0.1	65.4	R 22.1	0.1	2.2	0.5	R 11.3	R 36.0	0.4	R 101.9	278.3	R 380.2
1994	0.1	91.2	R 29.3	0.1	2.1	0.5	R 11.1	R 43.1	0.4	R 134.9	274.6	R 409.5
1995	0.1	77.3	R 23.7	0.8	2.0	0.5	R 9.4	R 36.4	0.4	R 114.2	283.5	R 397.7
1996	0.2	92.2	R 28.8	0.1	2.7	0.5	R 15.2	R 47.3	0.5	R 140.2	284.0	R 424.2
1997	0.2	101.0	R 25.3	1.8	2.4	0.6	R 13.0	R 43.2	0.4	R 144.8	297.4	R 442.1
1998	0.1	93.2	R 17.6	1.8	2.5	0.5	R 6.9	R 29.3	0.4	R 122.9	273.3	R 396.3
1999	0.1	94.8	R 15.1	1.5	1.8	0.5	R 6.6	R 25.5	0.4	R 120.8	262.2	R 383.0
2000	0.1	110.9	R 30.8	R 1.1	2.4	0.7	R 12.2	R 47.2	0.6	R 158.8	320.3	R 479.2
2001	0.1	136.9	27.5	5.5	2.2	2.8	12.9	50.8	0.5	188.2	389.5	577.8

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Rhode Island

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.90	0.90	0.85	0.66	0.71	0.78	1.20	5.08	2.90	0.42	1.86	0.62	3.00	0.78	4.83	1.16
1975	—	2.65	2.65	2.10	1.86	2.34	2.59	2.66	7.48	4.50	2.05	4.18	2.17	3.00	2.19	11.36	3.19
1980	—	1.67	1.67	4.45	3.58	5.65	6.18	5.29	14.36	9.72	4.24	8.20	5.07	—	4.91	18.39	7.27
1985	—	2.39	2.39	5.70	5.18	7.11	7.29	12.75	17.61	9.13	4.96	7.37	R 5.59	—	R 5.60	21.93	7.49
1986	—	2.53	2.53	5.58	4.86	4.71	6.40	11.92	15.59	7.36	2.85	10.73	4.77	—	4.83	20.90	R 7.30
1987	—	2.37	2.37	5.23	3.54	5.01	4.63	11.80	13.58	7.96	3.42	10.73	R 4.48	—	R 4.60	21.89	R 7.12
1988	—	2.52	2.52	4.70	3.34	4.62	4.12	11.54	14.62	8.40	2.83	10.84	4.11	—	3.96	21.10	R 6.40
1989	—	2.60	2.60	5.03	3.17	4.81	4.93	10.83	14.48	9.11	3.06	10.00	R 4.04	d —	R d 4.21	21.98	R d 7.24
1990	—	2.58	2.58	5.18	3.34	7.53	6.70	11.56	14.60	10.03	3.35	9.71	R 4.49	R —	R 4.63	24.46	R 8.16
1991	—	—	—	R 5.26	3.05	6.01	5.76	12.78	16.80	10.09	2.92	16.33	R 4.97	R —	R 5.19	27.17	R 7.73
1992	—	—	—	4.58	2.78	5.31	5.02	10.66	18.32	9.83	2.71	24.75	R 3.82	R —	R 4.40	27.03	R 5.92
1993	—	—	—	4.97	3.30	5.18	4.76	10.72	18.96	9.57	2.82	19.10	R 4.42	R —	R 4.66	26.46	R 8.61
1994	—	—	—	R 4.28	3.66	5.12	4.66	8.57	19.11	9.91	2.82	24.75	R 4.47	R —	4.33	25.96	5.99
1995	—	—	—	R 3.98	3.79	5.11	4.60	7.65	19.41	10.49	3.00	23.89	R 4.75	R —	R 4.17	26.01	R 6.12
1996	—	—	—	R 4.25	3.80	6.03	6.08	8.67	20.08	10.81	3.62	16.37	R 5.98	R 1.65	R 4.59	24.95	R 6.93
1997	—	—	—	R 4.18	4.01	5.79	5.56	12.58	17.98	10.87	3.41	16.93	R 6.00	R 1.65	R 4.56	24.98	7.18
1998	—	—	—	R 3.72	3.68	4.63	3.92	9.14	19.07	9.26	2.82	13.66	R 5.34	R 1.65	R 3.92	22.29	R 5.58
1999	—	—	—	R 4.27	3.68	5.08	4.60	9.21	16.75	10.10	2.84	12.80	R 5.65	R 1.65	R 4.49	21.43	R 5.94
2000	—	—	—	R 5.14	4.82	7.89	8.40	14.43	17.99	12.99	4.65	13.72	R 7.79	R 1.65	R 6.14	25.69	R 11.22
2001	—	—	—	6.42	4.87	7.41	6.74	13.02	19.00	12.33	4.77	13.70	8.17	1.65	7.18	28.70	13.41
	Expenditures in Million Nominal Dollars																
1970	—	(s)	(s)	5.0	4.1	2.8	0.4	0.7	1.5	(s)	8.3	2.2	20.1	6.5	31.6	19.9	51.5
1975	—	0.1	0.1	12.4	16.5	6.0	0.6	2.9	1.8	0.1	24.7	3.4	56.0	4.4	72.9	46.2	119.0
1980	—	0.2	0.2	23.1	24.7	13.6	1.1	2.9	5.4	0.1	17.4	22.0	87.2	—	110.5	87.8	198.3
1985	—	0.2	0.2	27.2	102.3	R 11.4	(s)	6.9	6.0	1.3	30.3	4.1	R 162.4	—	R 189.8	97.3	R 287.1
1986	—	1.5	1.5	19.8	47.7	R 8.8	0.1	11.5	5.2	1.2	20.9	4.0	R 99.4	—	R 120.7	94.6	R 215.3
1987	—	0.1	0.1	23.6	41.7	R 18.1	0.1	13.1	5.1	1.2	18.0	4.4	R 101.7	—	R 125.3	101.6	R 226.9
1988	—	10.9	10.9	21.5	38.6	R 8.4	0.4	9.8	5.3	1.5	11.3	3.5	R 78.8	—	R 111.1	98.0	R 209.1
1989	—	1.6	1.6	23.9	33.7	R 9.7	(s)	6.5	5.4	1.7	R 9.5	3.1	R 69.6	d —	R d 95.0	102.0	R d 197.0
1990	—	(s)	(s)	23.3	36.3	R 12.2	0.5	6.5	5.6	1.8	R 9.5	3.0	R 75.5	R —	R 98.8	113.0	R 211.8
1991	—	—	—	145.1	9.3	R 9.3	0.5	5.6	5.8	1.4	R 6.9	1.2	R 40.0	R —	R 185.1	126.4	R 311.5
1992	—	—	—	223.3	27.7	R 10.1	0.3	4.9	6.4	1.4	R 7.7	1.9	R 60.5	R —	R 283.8	125.4	R 409.2
1993	—	—	—	R 48.2	17.9	R 9.3	0.2	5.0	6.8	2.5	R 10.5	1.6	R 53.7	R —	R 102.0	128.1	R 230.1
1994	—	—	—	181.3	30.5	R 10.1	0.2	3.7	7.1	2.5	R 8.2	2.1	R 64.4	R —	R 245.7	122.1	R 367.8
1995	—	—	—	R 143.3	24.9	R 8.3	0.2	3.3	7.1	3.0	R 7.0	2.0	R 55.8	R —	R 199.1	121.9	R 321.0
1996	—	—	—	R 120.5	8.5	R 10.3	0.1	3.5	7.1	2.7	R 7.2	3.4	R 42.8	R (s)	R 163.3	115.0	R 278.3
1997	—	—	—	106.0	7.3	R 11.5	0.1	1.7	6.8	2.9	R 6.3	3.3	R 40.0	R (s)	R 145.9	117.7	R 263.6
1998	—	—	—	161.5	6.9	R 6.7	0.3	1.4	7.5	2.2	R 5.2	3.3	R 33.4	R (s)	R 195.0	109.4	R 304.4
1999	—	—	—	R 151.9	7.4	R 6.9	0.5	6.6	6.7	1.3	R 4.8	3.6	R 37.7	R (s)	R 189.6	84.7	R 274.3
2000	—	—	—	R 43.2	6.5	R 7.6	(s)	6.2	7.0	2.3	R 7.5	2.8	R 40.0	R (s)	R 83.2	122.1	R 205.3
2001	—	—	—	40.5	6.4	5.2	(s)	6.8	6.8	5.3	6.1	2.6	39.1	(s)	79.6	129.7	209.3

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Rhode Island

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	R 0.90	—	2.17	1.36	0.75	1.20	5.08	2.90	0.41	2.17	2.17	—	2.17
1975	2.65	—	3.45	2.90	2.09	2.66	7.48	4.50	1.71	4.19	4.19	—	4.19
1980	—	—	9.02	7.41	6.51	5.29	14.36	9.72	3.34	9.40	9.40	—	9.40
1985	—	—	9.99	8.89	6.10	R 13.59	17.61	9.13	—	9.03	9.03	—	9.03
1986	—	—	8.41	7.26	4.25	R 12.94	15.59	7.36	2.20	R 7.29	R 7.29	—	R 7.29
1987	—	—	7.55	6.96	4.18	R 12.81	13.58	7.96	2.55	7.58	7.58	—	7.58
1988	—	—	7.41	7.36	4.04	R 12.52	14.62	8.40	2.05	7.87	7.87	—	7.87
1989	—	—	8.28	7.81	4.75	R 11.75	14.48	9.11	2.50	R 8.61	R 8.61	—	R 8.61
1990	—	3.77	9.32	9.93	6.03	R 12.96	14.60	10.03	3.42	9.72	9.72	—	9.72
1991	—	3.67	8.71	9.39	5.23	R 14.90	16.80	10.09	2.16	R 9.72	9.71	—	9.71
1992	—	R 3.82	8.54	8.91	4.79	R 12.55	18.32	9.83	1.86	9.44	9.44	—	9.44
1993	—	6.89	8.24	9.00	4.49	R 12.73	18.96	9.57	2.96	9.28	9.28	—	9.28
1994	—	R 6.86	7.96	8.85	4.20	R 10.15	19.11	9.91	2.45	9.52	9.52	—	9.52
1995	—	R 5.69	8.36	8.83	4.19	R 10.54	19.41	10.49	2.55	R 10.02	R 10.02	—	R 10.02
1996	—	R 3.04	9.29	9.98	5.18	R 11.02	20.08	10.81	5.08	R 10.47	10.46	—	10.46
1997	—	R 5.09	9.39	9.89	4.86	R 9.75	17.98	10.87	R 2.73	10.30	10.30	—	10.30
1998	—	R 5.02	8.11	8.80	3.51	R 8.59	19.07	9.26	1.95	8.79	8.79	—	8.79
1999	—	R 4.69	8.81	9.28	4.09	R 11.00	16.75	10.10	R 2.30	9.48	R 9.48	—	R 9.48
2000	—	R 5.06	R 10.87	12.16	6.98	R 15.20	17.99	12.99	R 3.20	12.24	R 12.23	—	R 12.23
2001	—	7.36	11.01	11.42	5.92	17.00	19.00	12.33	—	11.53	11.53	—	11.53
	Expenditures in Million Nominal Dollars												
1970	R (s)	—	1.6	4.8	0.6	0.1	2.4	121.4	6.5	137.4	137.4	—	137.4
1975	(s)	—	5.0	13.3	3.2	0.3	2.6	210.8	3.5	238.7	238.7	—	238.7
1980	—	—	12.2	29.2	12.8	0.2	6.1	427.1	1.2	488.7	488.7	—	488.7
1985	—	—	1.5	R 17.3	17.1	R 1.1	6.8	412.8	—	R 456.6	R 456.6	—	R 456.6
1986	—	—	1.5	50.0	9.3	R 0.9	5.9	342.8	0.1	R 410.4	R 410.4	—	R 410.4
1987	—	—	1.6	R 58.1	12.5	0.4	5.8	379.3	2.7	R 460.3	R 460.3	—	R 460.3
1988	—	—	1.7	R 53.3	14.5	0.9	6.0	406.1	3.8	R 486.4	R 486.4	—	R 486.4
1989	—	—	1.9	R 72.4	19.4	R 0.8	6.1	421.0	1.1	R 522.8	R 522.8	—	R 522.8
1990	—	(s)	2.0	R 66.8	26.4	R 0.9	6.3	457.8	0.7	561.0	R 561.0	—	R 561.0
1991	—	(s)	1.3	R 77.0	19.4	R 0.8	6.5	456.6	0.1	R 561.7	R 561.8	—	R 561.8
1992	—	(s)	1.3	R 59.6	15.1	R 0.6	7.3	448.9	0.7	R 533.5	R 533.5	—	R 533.5
1993	—	R 0.1	0.3	R 64.6	13.4	R 0.4	7.6	443.5	0.4	R 530.3	R 530.4	—	R 530.4
1994	—	R 0.1	0.4	R 65.5	12.6	R 0.6	8.1	444.2	R 0.1	R 531.5	R 531.5	—	R 531.5
1995	—	R 0.1	0.9	R 68.3	11.8	0.3	8.0	485.1	(s)	R 574.6	R 574.7	—	R 574.7
1996	—	R 0.1	1.7	R 75.0	15.8	R 0.3	8.1	504.8	0.1	R 605.8	R 605.9	—	R 605.9
1997	—	R 0.1	0.5	R 111.8	22.8	0.3	7.6	517.6	(s)	R 660.6	R 660.7	—	R 660.7
1998	—	R 0.2	0.4	R 71.6	18.3	(s)	8.5	450.6	(s)	R 549.4	R 549.5	—	R 549.5
1999	—	R 0.2	0.5	R 82.0	24.5	0.1	7.5	503.0	R (s)	R 617.7	R 617.9	—	R 617.9
2000	—	R 0.2	0.7	R 96.6	50.7	0.1	8.0	637.7	R 0.1	R 794.0	R 794.2	—	R 794.2
2001	—	0.3	0.8	92.8	43.8	0.1	7.7	609.5	—	754.7	755.0	—	755.0

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Rhode Island (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	—	0.39	0.44	0.48	—	0.44	—	—	—	—	0.43
1975	—	1.15	1.84	2.00	—	1.84	—	—	—	—	1.84
1980	—	3.32	3.97	6.03	—	4.00	—	—	—	—	3.91
1985	—	3.37	4.03	5.83	—	4.08	—	—	6.36	—	4.24
1986	—	—	2.37	3.55	—	2.39	—	—	6.31	—	2.40
1987	—	2.32	2.68	3.39	—	2.70	—	—	6.11	—	2.51
1988	—	2.09	2.25	3.71	—	2.28	—	—	6.02	—	2.99
1989	—	2.41	2.70	4.23	—	2.77	—	—	6.05	—	2.81
1990	—	2.17	3.59	5.53	—	3.68	—	0.46	5.84	—	2.34
1991	—	1.98	2.41	4.70	—	3.10	—	0.50	4.60	—	2.15
1992	—	2.13	1.95	4.43	—	2.17	—	0.51	4.37	—	2.25
1993	—	2.39	3.20	4.11	—	3.46	—	0.55	4.01	—	2.49
1994	—	2.23	2.54	3.88	—	3.08	—	0.56	4.09	—	2.37
1995	—	1.85	2.57	4.13	—	2.97	—	0.70	4.04	—	2.06
1996	—	2.23	—	4.81	—	4.81	—	0.59	3.82	—	2.33
1997	—	3.26	—	4.49	—	4.49	—	0.50	3.77	—	3.27
1998	—	3.29	—	3.24	—	3.24	—	0.61	4.01	—	3.28
1999	—	2.67	—	3.53	—	3.53	—	0.67	4.92	—	2.81
2000	—	4.43	—	6.81	—	6.81	—	0.67	3.04	—	4.22
2001	—	3.40	—	5.79	—	5.79	—	0.47	3.29	—	3.34
	Expenditures in Million Nominal Dollars										
1970	—	0.9	8.2	0.2	—	8.4	—	—	—	—	9.3
1975	—	(s)	17.8	0.3	—	18.1	—	—	—	—	18.1
1980	—	5.7	40.8	1.0	—	41.8	—	—	—	—	47.5
1985	—	8.8	17.9	0.7	—	18.6	—	—	9.1	—	36.6
1986	—	—	21.7	0.6	—	22.3	—	—	0.1	—	22.5
1987	—	12.8	13.6	0.5	—	14.1	—	—	0.2	—	27.0
1988	—	0.4	21.1	0.9	—	22.0	—	—	13.9	—	36.3
1989	—	5.3	11.5	0.9	—	12.4	—	—	2.0	—	19.7
1990	—	20.3	7.7	0.6	—	8.3	—	0.5	0.7	—	29.7
1991	—	47.5	1.9	1.6	—	3.4	—	0.5	8.4	—	59.8
1992	—	83.8	2.0	0.4	—	2.4	—	0.5	13.5	—	100.2
1993	—	88.2	1.1	0.6	—	1.7	—	0.6	14.7	—	105.2
1994	—	86.7	1.0	1.1	—	2.1	—	0.6	16.5	—	105.9
1995	—	67.6	1.0	0.6	—	1.6	—	0.7	17.6	—	87.5
1996	—	142.0	—	3.8	—	3.8	—	0.7	17.3	—	163.8
1997	—	204.7	—	1.9	—	1.9	—	0.6	21.9	—	229.0
1998	—	202.3	—	0.9	—	0.9	—	0.8	19.2	—	223.1
1999	—	148.4	—	0.9	—	0.9	—	1.0	25.5	—	175.8
2000	—	221.4	—	1.6	—	1.6	—	0.9	16.2	—	240.1
2001	—	204.7	—	1.4	—	1.4	—	0.6	4.6	—	211.4

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, South Carolina

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.47	0.47	0.57	1.03	0.73	2.04	2.75	0.42	1.39	1.89	0.19	1.30	1.21	0.42	3.98	1.82
1975	—	1.24	1.24	1.16	2.68	2.03	3.56	4.35	1.40	2.84	3.43	0.19	1.47	1.86	0.56	7.72	3.74
1980	—	1.59	1.59	3.07	6.84	6.46	5.77	10.18	3.43	R 6.81	R 8.07	0.44	2.10	R 4.07	1.14	11.11	R 7.18
1985	—	1.88	1.88	5.06	R 7.09	6.11	R 10.12	8.84	4.36	R 7.14	R 7.98	0.62	2.41	R 3.81	1.11	15.99	8.74
1986	—	1.82	1.82	4.40	R 5.68	4.23	R 9.99	6.40	2.50	R 5.20	R 5.96	0.61	1.90	R 2.98	1.03	16.25	7.70
1987	—	1.73	1.73	4.60	R 5.87	4.35	R 8.52	7.08	2.93	R 4.90	R 6.30	0.64	1.81	R 3.03	1.04	16.41	R 7.98
1988	—	1.74	1.74	4.25	R 5.67	4.19	R 10.40	7.08	2.30	R 4.46	R 6.19	0.59	1.82	R 3.01	1.01	16.40	7.79
1989	—	1.71	1.71	4.22	R 6.16	4.74	R 9.46	7.84	2.70	R 5.00	R 6.86	0.58	R e 1.34	R e 3.11	0.99	16.53	R e 8.00
1990	—	1.72	1.72	4.01	R 7.62	6.07	R 10.60	8.80	3.11	R 5.42	R 7.88	0.53	R 1.14	3.40	0.95	16.40	R 8.51
1991	—	1.64	1.64	3.66	R 7.22	5.12	R 11.09	8.56	2.42	R 5.56	R 7.57	0.52	R 1.27	3.30	0.91	16.49	R 8.35
1992	—	1.56	1.56	3.96	R 6.78	4.82	R 9.58	8.25	2.50	R 4.97	R 7.22	0.50	R 1.26	R 3.12	0.84	16.21	R 8.13
1993	—	1.60	1.60	4.19	R 6.60	4.49	R 9.43	7.94	2.25	R 5.06	R 6.94	0.50	R 1.25	R 3.04	0.89	16.54	R 8.10
1994	—	1.60	1.60	4.22	R 6.76	4.19	R 10.48	8.06	2.35	R 5.03	R 7.19	0.53	R 1.25	R 3.15	0.92	16.63	R 8.27
1995	—	1.55	1.55	4.06	R 6.69	4.21	R 10.61	8.38	2.68	R 5.23	R 7.42	0.51	R 1.29	R 3.11	0.86	16.68	R 8.36
1996	—	1.51	1.51	4.71	R 7.34	5.12	R 11.70	8.96	3.29	R 5.80	R 8.11	0.49	R 1.14	R 3.37	0.89	16.61	R 8.80
1997	—	1.49	1.49	4.76	7.18	4.79	R 10.78	8.81	3.08	R 5.54	R 7.98	R 0.43	R 1.10	R 3.37	R 0.86	16.13	R 8.62
1998	—	1.49	1.49	R 4.38	R 6.11	3.60	R 10.12	7.49	2.15	R 5.03	R 6.81	0.42	R 1.36	R 2.97	R 0.86	16.21	R 8.21
1999	—	1.46	1.46	R 4.49	R 6.67	4.26	11.35	8.25	2.65	R 4.61	R 7.45	R 0.43	R 1.52	R 3.12	R 0.87	16.33	R 8.67
2000	—	1.42	1.42	R 5.98	R 9.51	6.92	R 14.69	11.13	R 4.34	R 5.76	R 10.11	R 0.42	R 1.66	R 4.04	R 0.90	16.49	R 10.31
2001	—	1.61	1.61	7.02	8.79	6.06	15.19	10.36	3.68	5.29	9.41	0.41	1.77	4.01	0.92	16.91	10.41
	Expenditures in Million Nominal Dollars																
1970	—	66.2	66.2	91.4	56.7	12.4	22.6	415.8	14.2	48.0	569.7	(s)	15.6	742.9	-65.0	294.7	972.6
1975	—	174.4	174.4	143.3	130.7	29.5	42.3	809.3	67.5	87.4	1,166.8	40.6	18.0	1,543.2	-205.4	782.8	2,120.5
1980	—	391.2	391.2	441.2	424.9	107.1	67.4	1,899.0	155.3	R 283.4	R 2,937.1	83.4	18.4	R 3,871.4	-467.6	1,412.5	R 4,816.3
1985	—	493.2	493.2	495.3	R 506.4	105.3	R 115.2	1,752.1	80.0	R 274.0	R 2,833.1	210.7	R 27.2	R 4,059.4	-597.5	2,523.7	R 5,985.6
1986	—	R 479.7	R 479.7	435.6	R 397.1	72.7	R 104.7	1,321.6	37.8	R 230.4	R 2,164.4	229.1	30.9	R 3,339.7	-593.9	2,741.1	R 5,486.9
1987	—	R 512.4	R 512.4	488.0	R 427.0	75.4	R 112.9	1,431.9	45.3	R 248.4	R 2,340.9	260.7	28.3	R 3,630.3	-662.2	2,909.0	R 5,877.1
1988	—	R 526.1	R 526.1	479.3	R 436.6	73.4	R 134.3	1,593.7	47.3	R 259.0	R 2,544.2	254.1	29.5	R 3,833.3	-673.7	2,955.0	R 6,114.6
1989	—	R 515.2	R 515.2	495.2	R 455.8	80.3	R 128.0	1,735.8	R 46.1	R 249.9	R 2,695.9	248.4	R e 61.8	R e 4,016.5	R -670.6	3,038.0	R e 6,384.0
1990	—	R 498.9	R 498.9	525.9	R 660.2	97.4	R 111.9	1,999.1	R 47.2	R 246.8	R 3,162.6	240.6	R 48.7	R 4,476.6	R -654.6	3,113.3	R 6,935.3
1991	—	R 478.1	R 478.1	492.8	R 682.8	95.8	R 144.5	1,912.7	R 36.7	R 295.4	R 3,167.8	234.7	R 58.2	R 4,431.6	-635.0	3,211.3	R 7,008.0
1992	—	451.1	451.1	549.8	R 554.3	68.0	R 124.9	1,882.9	R 37.3	R 279.3	R 2,946.7	236.5	R 58.7	R 4,242.8	R -599.1	3,230.5	R 6,874.3
1993	—	R 527.3	R 527.3	598.5	R 520.5	49.7	R 124.5	1,879.7	R 53.2	R 277.0	R 2,904.6	243.0	R 61.8	R 4,335.1	R -670.8	3,472.0	R 7,136.3
1994	—	R 527.7	R 527.7	R 617.2	R 602.3	33.9	R 147.5	1,908.1	R 38.0	R 260.2	R 2,989.9	244.8	R 64.5	R 4,444.1	R -678.8	3,509.2	R 7,274.5
1995	—	486.8	486.8	621.3	R 565.3	24.5	R 147.1	2,051.8	R 44.7	R 286.8	R 3,120.3	264.0	R 87.1	R 4,579.5	-672.2	3,703.0	R 7,610.2
1996	—	R 533.3	R 533.3	710.7	R 649.0	37.5	R 155.0	2,217.0	R 61.6	R 194.6	R 3,314.8	223.1	R 81.8	R 4,863.6	R -681.2	3,801.6	R 7,984.0
1997	—	R 539.0	R 539.0	741.3	R 661.1	36.0	R 239.7	2,271.4	R 50.1	R 226.2	R 3,484.6	R 201.7	R 80.3	R 5,046.9	R -674.3	3,770.9	R 8,143.5
1998	—	R 555.8	R 555.8	R 708.0	R 649.0	29.3	R 168.2	2,000.5	R 29.9	R 199.0	R 3,075.9	R 215.4	R 93.7	R 4,648.7	R -729.6	4,008.5	R 7,927.6
1999	—	R 588.9	R 588.9	R 738.2	R 710.3	37.1	R 158.4	2,267.5	R 29.3	R 181.6	R 3,384.2	R 226.3	R 83.8	R 5,021.3	R -776.6	4,085.5	R 8,330.2
2000	—	R 613.1	R 613.1	R 965.4	R 1,045.3	73.0	R 267.0	3,076.4	R 63.4	R 237.4	R 4,762.6	R 222.8	R 87.2	R 6,651.1	R -830.8	4,331.8	R 10,152.0
2001	—	665.3	665.3	1,011.8	993.1	63.6	195.5	2,904.8	50.4	204.5	4,411.9	213.9	71.0	6,373.9	-824.0	4,317.2	9,867.1

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, South Carolina

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.20	1.32	1.30	1.58	2.46	1.64	0.73	1.46	5.64	2.73
1975	2.47	2.08	2.69	3.16	4.28	3.29	1.45	2.63	9.60	5.63
1980	3.19	4.06	6.95	8.27	7.47	7.50	3.70	5.69	13.69	9.62
1985	3.48	6.44	7.19	7.93	9.72	R 8.24	R 4.19	7.11	20.54	R 14.40
1986	3.31	6.35	6.66	7.01	10.26	R 7.90	R 3.36	R 6.70	20.89	R 14.72
1987	3.20	6.41	5.29	7.82	7.93	R 6.83	3.20	R 6.36	21.03	R 14.40
1988	3.26	6.55	6.01	7.26	10.62	R 7.94	3.23	R 6.92	20.89	R 14.66
1989	3.34	6.56	5.90	7.11	10.02	R 7.65	3.57	R 6.87	21.08	R 14.80
1990	3.34	6.97	7.57	8.62	10.57	R 8.90	3.53	7.51	20.95	R 15.84
1991	3.15	6.80	7.06	9.85	11.00	R 9.26	R 3.38	R 7.59	21.16	R 15.82
1992	3.11	6.84	5.87	8.64	8.87	R 7.89	R 3.09	R 6.90	21.07	R 15.54
1993	3.26	6.94	5.90	6.99	8.70	R 7.45	3.02	R 6.77	21.48	R 15.70
1994	3.23	7.42	6.13	7.63	12.11	R 9.65	2.93	R 7.77	21.97	R 16.51
1995	3.10	7.34	6.67	7.30	12.37	R 9.82	2.87	R 7.73	22.07	R 16.66
1996	3.06	7.19	5.47	7.80	13.50	R 9.92	3.29	7.67	21.98	R 16.43
1997	3.12	8.12	7.12	8.27	13.92	R 10.96	3.27	8.70	22.01	R 17.10
1998	3.15	R 8.03	6.31	7.12	12.90	R 9.71	2.84	8.21	21.98	17.28
1999	3.05	R 8.22	7.56	6.53	13.62	10.60	2.92	8.52	22.14	17.40
2000	—	R 8.90	10.66	9.71	16.40	R 13.84	4.38	10.09	22.22	17.96
2001	—	11.65	8.23	7.83	18.49	13.33	4.17	11.64	22.53	18.94
	Expenditures in Million Nominal Dollars									
1970	3.9	25.6	18.2	18.0	16.5	52.6	2.1	84.3	141.3	225.6
1975	4.2	38.8	26.6	15.4	27.9	69.8	4.2	117.0	322.3	439.3
1980	3.2	79.1	64.0	56.3	41.5	161.7	9.0	253.0	587.6	840.7
1985	R 1.2	108.7	R 53.9	54.5	65.1	R 173.5	16.0	R 299.5	1,027.5	R 1,327.0
1986	R 4.2	114.1	R 50.8	39.4	62.7	R 152.9	12.5	R 283.6	1,149.0	R 1,432.7
1987	R 2.2	133.1	R 49.3	51.2	57.1	R 157.6	9.9	R 302.8	1,213.8	R 1,516.6
1988	R 2.3	139.9	R 44.9	52.7	76.4	R 174.0	10.4	R 326.6	1,224.0	R 1,550.6
1989	0.3	137.8	R 49.0	47.8	77.1	R 173.8	11.9	R 323.9	1,256.0	R 1,579.8
1990	0.1	131.9	R 52.9	26.9	64.5	R 144.2	10.8	R 287.0	1,305.1	R 1,592.1
1991	0.3	136.9	R 47.5	40.8	78.3	R 166.6	R 10.9	R 314.7	1,350.5	R 1,665.2
1992	0.4	157.4	R 27.4	21.6	68.0	R 117.1	10.4	R 285.3	1,361.4	R 1,646.7
1993	R 1.6	173.8	R 30.5	25.6	67.2	R 123.3	11.1	R 309.8	1,516.5	R 1,826.3
1994	0.7	179.7	R 26.5	16.1	96.2	R 138.7	R 10.6	R 329.7	1,491.7	R 1,821.4
1995	0.2	189.7	R 26.9	19.5	94.3	R 140.7	11.5	R 342.1	1,610.5	R 1,952.6
1996	0.2	217.9	R 22.7	24.8	95.2	R 142.7	13.1	R 373.9	1,688.3	R 2,062.2
1997	(s)	215.5	R 22.2	28.6	100.0	R 150.9	9.3	R 375.6	1,622.8	R 1,998.4
1998	0.2	211.1	R 17.5	27.4	78.4	R 123.4	7.3	R 341.9	1,766.7	R 2,108.6
1999	R 2.3	217.2	R 22.1	20.5	97.5	R 140.1	8.0	367.6	1,790.3	2,157.9
2000	—	265.9	R 29.9	R 28.3	134.6	R 192.9	12.6	R 471.3	1,916.2	R 2,387.6
2001	—	332.3	20.1	22.1	100.3	142.5	10.3	485.1	1,912.0	2,397.1

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, South Carolina

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.50	0.86	1.01	0.63	1.39	2.75	0.46	1.28	0.73	0.95	4.85	2.41
1975	1.53	1.22	2.32	2.29	2.68	4.35	1.15	2.58	1.45	1.58	8.55	4.82
1980	1.70	3.11	6.33	5.15	4.24	10.18	3.41	6.70	3.70	3.54	12.07	7.58
1985	1.77	5.60	6.22	7.93	10.60	8.84	4.50	R 7.14	4.19	R 5.92	18.01	R 12.75
1986	1.77	5.47	3.86	7.01	9.57	6.40	2.67	R 5.22	3.36	4.84	18.37	R 12.42
1987	1.70	5.45	4.19	7.82	9.20	7.08	2.97	R 5.42	3.20	R 5.13	18.33	R 12.59
1988	1.67	5.44	3.79	7.26	10.07	7.08	2.40	R 5.01	3.23	R 4.99	18.03	R 12.33
1989	1.70	5.51	4.40	7.11	8.68	7.84	2.81	R 5.53	2.99	R 5.45	18.11	R 13.15
1990	1.74	5.74	5.52	8.62	10.55	8.80	3.25	R 6.96	1.80	R 5.96	17.92	R 13.72
1991	1.71	5.41	4.97	9.85	11.13	8.56	2.59	R 6.74	1.85	R 5.56	18.15	R 13.85
1992	1.72	5.50	4.76	8.64	10.54	8.25	2.61	R 6.12	1.68	R 5.46	18.00	R 13.48
1993	1.72	5.66	4.55	6.99	10.41	7.94	2.30	R 5.74	1.80	R 5.25	18.15	R 13.42
1994	1.75	5.93	4.32	7.63	9.32	8.06	2.36	R 5.47	1.68	R 5.49	18.57	R 13.90
1995	1.71	5.93	4.32	7.30	9.58	8.38	2.72	R 5.33	1.48	R 5.53	18.52	R 13.84
1996	1.76	6.08	5.19	7.80	10.83	8.96	3.42	R 6.21	1.73	R 5.89	18.64	R 14.02
1997	1.76	6.54	5.02	8.27	11.06	8.81	3.20	R 6.12	1.77	R 6.26	18.50	R 14.21
1998	1.76	R 6.27	3.94	7.12	10.32	7.49	2.22	R 4.77	1.52	R 5.56	18.25	R 13.74
1999	1.76	R 6.36	4.45	6.53	10.06	8.25	2.73	R 5.49	1.24	R 5.26	18.42	R 13.49
2000	—	R 7.51	7.31	9.71	13.07	11.13	4.40	8.63	1.82	R 7.52	18.59	R 14.96
2001	—	9.66	6.46	7.83	13.98	10.36	3.76	7.42	1.45	8.73	18.88	15.63
	Expenditures in Million Nominal Dollars											
1970	1.3	12.3	4.2	0.2	1.6	3.0	0.2	9.2	(s)	22.9	70.1	93.0
1975	6.1	21.5	6.8	0.3	3.1	5.1	1.2	16.5	0.1	44.2	207.8	252.0
1980	6.5	73.5	17.8	0.7	4.1	12.8	0.7	36.2	0.2	116.3	358.4	474.7
1985	2.3	88.0	R 34.0	2.2	12.5	10.7	2.3	R 61.6	0.4	R 152.3	600.8	R 753.1
1986	R 7.4	89.5	R 17.6	2.2	10.3	8.1	0.6	R 38.7	0.4	R 136.1	658.4	R 794.5
1987	R 3.9	96.3	R 24.2	2.3	11.7	9.2	0.6	R 48.1	0.3	R 148.7	689.1	R 837.8
1988	R 4.1	97.7	R 26.7	1.1	12.8	8.7	0.7	R 50.0	0.4	R 152.1	709.0	R 861.2
1989	0.6	93.4	R 26.4	2.8	11.8	8.5	0.7	R 50.1	0.5	R 144.5	747.0	R 891.5
1990	0.2	90.8	R 23.2	0.6	11.3	11.8	0.4	R 47.3	1.2	R 139.6	776.3	R 915.8
1991	0.8	87.8	R 17.5	0.6	14.0	5.4	0.4	R 37.9	1.3	R 127.8	805.2	R 933.0
1992	1.1	94.0	R 21.6	0.7	14.3	4.5	0.9	R 41.9	1.2	R 138.2	808.1	R 946.3
1993	R 3.8	99.0	R 24.0	0.8	14.2	1.3	0.4	R 40.7	1.4	R 144.9	865.7	R 1,010.6
1994	2.3	109.2	R 18.2	1.1	13.1	1.3	1.0	R 34.7	1.4	R 147.5	899.6	R 1,047.1
1995	0.6	114.9	R 25.2	1.1	12.9	1.4	0.7	R 41.2	1.7	R 158.4	939.5	R 1,097.9
1996	0.7	127.3	R 29.1	1.0	13.5	1.5	0.8	R 45.9	1.9	R 175.8	978.5	R 1,154.3
1997	(s)	131.8	R 30.7	0.8	14.0	1.4	0.2	R 47.1	1.7	R 180.7	987.6	R 1,168.3
1998	0.9	128.5	R 34.4	1.9	11.1	2.3	0.1	R 49.8	1.6	R 180.8	1,076.6	R 1,257.4
1999	R 9.7	134.5	R 27.0	1.1	12.7	1.5	0.2	R 42.5	1.7	R 188.4	1,099.1	R 1,287.6
2000	—	170.7	R 32.3	R 3.0	18.9	2.0	R 1.4	R 57.6	2.3	R 230.6	1,169.5	R 1,400.1
2001	—	208.1	28.9	1.8	13.4	1.9	2.7	48.7	2.3	259.1	1,187.5	1,446.6

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, South Carolina

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.50	0.50	0.45	0.67	0.58	0.63	1.39	5.08	2.75	0.40	1.58	0.83	1.48	0.62	2.41	0.90
1975	—	1.53	1.53	1.00	1.78	2.12	2.29	2.68	7.48	4.35	1.82	3.34	2.27	1.48	1.56	5.80	2.43
1980	—	1.70	1.70	2.89	3.58	4.62	5.15	4.24	14.36	10.18	3.53	R 6.70	R 4.88	1.46	R 3.29	8.56	R 4.33
1985	—	1.77	1.77	4.57	4.99	6.49	6.84	10.60	17.61	8.84	4.50	R 6.03	R 6.31	1.46	R 4.10	12.02	R 6.28
1986	—	1.77	1.77	3.62	4.18	4.43	4.86	9.57	15.59	6.40	2.67	R 3.74	R 4.47	1.45	R 3.19	12.00	R 5.65
1987	—	1.70	1.70	3.82	3.20	4.52	4.57	9.20	13.58	7.08	2.97	R 3.91	R 4.42	1.45	R 3.25	12.27	R 5.74
1988	—	1.67	1.67	3.34	3.17	4.14	4.32	10.07	14.62	7.08	2.40	R 3.35	R 3.96	1.45	R 2.99	12.42	R 5.46
1989	—	1.70	1.70	3.37	2.90	4.92	5.23	8.68	14.48	7.84	2.81	R 4.29	R 4.54	R d 1.16	R d 2.93	12.48	R d 5.28
1990	—	1.74	1.74	3.26	2.90	5.88	6.82	10.55	14.60	8.80	3.25	R 4.99	R 5.17	R 0.94	R 3.10	12.24	R 5.35
1991	—	1.71	1.71	2.87	3.06	5.31	5.90	11.13	16.80	8.56	2.59	R 4.83	R 5.10	R 1.10	R 3.01	12.20	R 5.27
1992	—	1.72	1.72	3.05	2.27	5.03	5.09	10.54	18.32	8.25	2.61	R 4.47	R 4.65	R 1.10	2.96	11.82	R 5.13
1993	—	1.72	1.72	3.26	2.93	4.86	4.79	10.41	18.96	7.94	2.30	R 4.41	R 4.35	R 1.09	R 2.91	11.89	R 5.08
1994	—	1.75	1.75	3.22	2.87	4.69	4.71	7.97	19.11	8.06	2.36	R 4.25	R 4.33	R 1.11	2.87	11.80	R 5.10
1995	—	1.71	1.71	3.03	3.29	4.54	4.45	8.07	19.41	8.38	2.72	R 4.59	R 4.61	R 1.18	R 2.83	11.73	R 5.03
1996	—	1.76	1.76	3.66	3.29	5.45	5.52	9.34	20.08	8.96	3.42	R 4.64	R 5.11	R 1.00	R 3.00	11.40	R 5.22
1997	—	1.76	1.76	3.61	3.58	5.19	5.11	9.12	17.98	8.81	3.20	R 5.15	R 5.45	R 1.00	R 3.16	10.87	R 5.18
1998	—	1.76	1.76	3.18	3.37	4.13	3.80	8.30	19.07	7.49	2.22	R 2.97	R 4.49	R 1.30	R 2.81	10.80	R 5.00
1999	—	1.76	1.76	3.29	3.14	4.70	4.08	8.66	16.75	8.25	2.73	R 2.90	R 4.41	R 1.45	R 2.93	10.91	R 5.27
2000	—	1.64	1.64	4.79	4.04	7.61	8.17	13.28	17.99	11.13	4.40	R 3.99	R 6.42	R 1.49	R 4.03	10.96	R 6.09
2001	—	1.88	1.88	5.35	3.84	6.87	6.93	12.54	19.00	10.36	3.76	3.26	5.92	1.62	4.19	11.32	6.39
	Expenditures in Million Nominal Dollars																
1970	—	22.0	22.0	36.4	9.9	8.9	1.1	4.1	4.6	4.8	4.0	4.4	41.8	13.4	113.7	83.3	197.0
1975	—	43.2	43.2	72.3	28.9	25.2	1.9	10.6	11.3	4.8	30.7	17.5	130.8	13.8	260.1	252.6	512.7
1980	—	74.9	74.9	275.2	36.4	50.4	3.7	21.3	24.6	5.1	94.2	R 132.2	R 367.9	9.2	R 727.3	466.5	R 1,193.8
1985	—	111.3	111.3	296.3	45.3	R 71.7	8.7	31.9	27.4	32.6	63.1	R 103.7	R 384.5	10.7	R 802.8	895.4	R 1,698.2
1986	—	108.7	108.7	229.1	57.4	R 44.1	3.7	28.9	23.8	21.3	29.6	R 75.4	R 284.1	18.1	R 639.9	933.7	R 1,573.6
1987	—	109.2	109.2	256.8	51.6	R 41.9	3.9	41.5	23.4	24.8	34.3	R 89.9	R 311.3	18.0	R 695.3	1,006.1	R 1,701.4
1988	—	108.8	108.8	237.3	69.3	R 46.2	4.3	41.6	24.3	23.9	37.0	R 80.1	R 326.7	18.7	R 691.5	1,022.0	R 1,713.5
1989	—	105.1	105.1	257.9	44.5	R 60.8	5.0	36.0	24.7	30.2	R 35.0	R 97.2	R 333.4	R d 49.4	R d 745.8	1,035.0	R d 1,780.8
1990	—	101.2	101.2	290.9	38.1	R 79.4	3.7	32.5	25.6	32.5	R 38.6	R 123.5	R 373.8	R 36.8	R 802.6	1,031.9	R 1,834.5
1991	—	95.5	95.5	253.1	39.4	R 75.2	3.6	48.0	26.3	30.2	R 26.0	R 152.2	R 401.0	R 46.1	R 795.7	1,055.6	R 1,851.3
1992	—	94.3	94.3	295.2	31.1	R 60.7	2.0	38.9	29.3	31.0	R 29.1	R 157.8	R 379.9	R 47.0	R 816.4	1,061.1	R 1,877.6
1993	—	103.8	103.8	320.1	45.8	R 47.2	2.6	39.7	30.9	16.1	R 44.1	R 135.8	R 362.3	R 49.3	R 835.5	1,089.8	R 1,925.3
1994	—	102.3	102.3	R 323.2	37.9	R 40.7	2.0	33.6	32.5	17.5	R 35.8	R 135.9	R 335.9	R 52.5	R 814.1	1,117.9	R 1,932.0
1995	—	94.4	94.4	305.8	57.7	R 50.4	2.0	37.2	32.5	18.6	R 36.1	R 139.0	R 373.4	R 74.0	R 847.6	1,152.9	R 2,000.6
1996	—	88.2	88.2	360.0	52.6	R 67.5	2.8	44.8	32.6	21.1	R 48.2	R 47.9	R 317.4	R 66.8	R 832.4	1,134.7	R 1,967.1
1997	—	R 89.0	R 89.0	382.9	88.5	R 58.5	2.0	123.6	30.8	22.0	R 39.7	R 44.0	R 409.1	R 69.3	R 950.3	1,160.5	R 2,110.8
1998	—	86.3	86.3	336.6	56.8	R 48.9	2.4	77.1	34.2	15.1	R 22.1	R 42.4	R 299.0	R 84.8	R 806.8	1,165.2	R 1,972.0
1999	—	82.1	82.1	R 347.9	46.4	R 60.0	1.9	47.0	30.4	14.9	R 19.2	R 48.8	R 268.6	R 74.0	R 772.7	1,196.1	R 1,968.7
2000	—	82.4	82.4	R 479.7	86.7	R 99.4	R 5.3	110.3	32.1	19.3	R 48.0	R 48.2	R 449.2	R 72.3	R 1,083.6	1,246.1	R 2,329.7
2001	—	99.8	99.8	442.2	64.3	98.3	4.9	79.7	31.1	43.8	40.2	47.7	410.0	58.5	1,010.4	1,217.6	2,228.0

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, South Carolina

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.50	—	2.17	1.32	0.73	1.39	5.08	2.75	0.41	2.34	2.34	—	2.34
1975	1.53	—	3.45	3.01	2.03	2.68	7.48	4.35	1.52	4.04	4.04	—	4.04
1980	—	—	9.02	7.63	6.46	4.24	14.36	10.18	2.90	9.42	9.42	—	9.42
1985	—	—	9.99	7.36	6.11	R 11.41	17.61	8.84	3.82	8.39	8.39	—	8.39
1986	—	—	8.41	6.00	4.23	R 10.30	15.59	6.40	2.01	6.19	6.19	—	6.19
1987	—	—	7.55	6.48	4.35	R 9.98	13.58	7.08	2.80	6.78	6.78	—	6.78
1988	—	—	7.41	6.27	4.19	R 11.03	14.62	7.08	1.98	6.73	6.73	—	6.73
1989	—	—	8.28	6.82	4.74	R 9.59	14.48	7.84	2.38	R 7.45	R 7.45	—	R 7.45
1990	—	—	9.32	8.17	6.07	R 11.65	14.60	8.80	2.58	R 8.50	R 8.50	—	R 8.50
1991	—	—	8.71	7.77	5.12	R 12.29	16.80	8.56	2.06	8.12	8.12	—	8.12
1992	—	—	8.54	7.39	4.82	R 11.64	18.32	8.25	2.14	7.91	7.91	—	7.91
1993	—	—	8.24	7.17	4.49	R 11.50	18.96	7.94	2.00	7.65	7.65	—	7.65
1994	—	3.30	7.96	7.26	4.19	R 9.13	19.11	8.06	2.18	7.83	7.83	—	7.83
1995	—	4.55	8.36	7.35	4.21	R 9.48	19.41	8.38	2.53	R 8.10	R 8.10	—	R 8.10
1996	—	2.79	9.29	8.07	5.12	R 9.87	20.08	8.96	2.86	R 8.67	R 8.67	—	R 8.67
1997	—	5.01	9.39	7.78	4.79	R 8.92	17.98	8.81	R 2.67	R 8.49	R 8.49	—	R 8.49
1998	—	R 3.96	8.11	6.77	3.60	R 8.72	19.07	7.49	1.96	R 7.26	R 7.26	—	R 7.26
1999	—	R 5.11	8.81	7.22	4.26	R 11.59	16.75	8.25	R 2.57	R 7.93	R 7.93	—	R 7.93
2000	—	R 5.35	R 10.87	9.98	6.92	R 15.26	17.99	11.13	R 4.11	R 10.74	R 10.74	—	R 10.74
2001	—	7.38	11.01	9.31	6.06	15.80	19.00	10.36	3.23	10.00	10.00	—	10.00
	Expenditures in Million Nominal Dollars												
1970	(s)	—	2.5	22.3	12.4	0.3	7.3	408.0	4.1	457.0	457.0	—	457.0
1975	(s)	—	2.5	70.5	29.5	0.8	9.7	799.5	4.0	916.4	916.4	—	916.4
1980	—	—	6.8	273.6	107.1	0.5	22.7	1,881.0	15.4	2,307.1	2,307.1	—	2,307.1
1985	—	—	6.9	R 340.7	105.3	R 5.7	25.4	1,708.8	14.6	R 2,207.4	R 2,207.4	—	R 2,207.4
1986	—	—	6.6	R 282.2	72.7	R 2.8	21.9	1,292.2	7.7	R 1,686.2	R 1,686.2	—	R 1,686.2
1987	—	—	4.6	R 308.9	75.4	R 2.6	21.6	1,397.9	10.3	R 1,821.3	R 1,821.3	—	R 1,821.3
1988	—	—	4.7	R 314.6	73.4	R 3.5	22.4	1,561.1	9.6	R 1,989.3	R 1,989.3	—	R 1,989.3
1989	—	—	5.0	R 313.4	80.3	R 3.1	22.8	1,697.1	10.0	R 2,131.8	R 2,131.8	—	R 2,131.8
1990	—	—	4.8	R 500.5	97.4	R 3.7	23.6	1,954.8	R 8.1	R 2,592.8	R 2,592.8	—	R 2,592.8
1991	—	—	7.9	R 538.8	95.8	R 4.2	24.3	1,877.1	R 10.2	R 2,558.4	R 2,558.4	—	R 2,558.4
1992	—	—	9.7	R 440.7	68.0	R 3.7	27.1	1,847.4	R 7.1	R 2,403.7	R 2,403.7	—	R 2,403.7
1993	—	—	7.0	R 415.3	49.7	R 3.4	28.5	1,862.2	R 7.9	R 2,374.1	R 2,374.1	—	R 2,374.1
1994	—	(s)	4.6	R 510.5	33.9	R 4.7	30.1	1,889.3	1.0	R 2,474.0	R 2,474.0	—	R 2,474.0
1995	—	(s)	5.2	R 458.1	24.5	R 2.7	30.0	2,031.8	R 6.9	R 2,559.1	R 2,559.2	—	R 2,559.2
1996	—	(s)	2.8	R 522.0	37.5	R 1.6	30.1	2,194.4	R 11.9	R 2,800.4	R 2,800.4	—	R 2,800.4
1997	—	R 0.1	3.0	R 539.1	36.0	R 2.0	28.5	2,248.0	R 9.2	R 2,865.9	R 2,866.0	—	R 2,866.0
1998	—	(s)	2.3	R 536.5	29.3	R 1.6	31.6	1,983.1	R 5.2	R 2,589.5	R 2,589.6	—	R 2,589.6
1999	—	R 0.1	4.5	R 588.0	37.1	R 1.1	28.1	2,251.1	R 6.1	R 2,915.9	R 2,916.0	—	R 2,916.0
2000	—	R 0.1	R 4.2	R 860.0	73.0	R 3.1	29.7	3,055.1	R 9.6	R 4,034.6	R 4,034.7	—	R 4,034.7
2001	—	0.2	4.0	832.2	63.6	2.1	28.7	2,859.0	5.7	3,795.3	3,795.4	—	3,795.4

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, South Carolina (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.43	0.37	0.46	0.70	—	0.52	0.19	—	—	—	0.42
1975	1.14	0.71	1.14	2.41	—	1.17	0.19	—	—	—	0.56
1980	1.56	2.41	3.44	5.78	—	3.91	0.44	—	—	—	1.14
1985	1.91	4.54	3.94	5.73	—	5.72	0.62	—	—	—	1.11
1986	1.83	2.03	2.16	3.64	—	3.61	0.61	—	—	—	1.03
1987	1.74	3.35	2.93	4.00	—	3.98	0.64	—	—	—	1.04
1988	1.76	1.81	2.22	3.74	—	3.72	0.59	—	—	—	1.01
1989	1.71	2.22	2.71	4.26	—	4.07	0.58	—	—	—	0.99
1990	1.72	1.72	3.02	6.22	—	6.00	0.53	—	—	—	0.95
1991	1.63	1.49	2.22	4.75	—	4.54	0.52	—	—	—	0.91
1992	1.53	1.69	2.38	4.62	—	4.39	0.50	—	—	—	0.84
1993	1.57	2.91	2.19	4.26	—	3.60	0.50	—	—	—	0.89
1994	1.56	1.67	2.26	4.10	—	4.03	0.53	—	—	—	0.92
1995	1.51	1.60	2.48	4.11	—	3.67	0.51	—	—	—	0.86
1996	1.47	4.45	2.85	4.97	—	4.68	0.49	—	—	—	0.89
1997	1.45	3.98	2.68	4.54	—	4.30	0.43	—	—	—	0.86
1998	1.45	3.53	2.04	3.28	—	2.96	0.42	—	—	—	0.86
1999	1.42	3.47	2.43	4.07	—	3.53	0.43	—	—	—	0.87
2000	1.39	5.57	4.25	6.72	—	6.16	0.42	—	—	—	0.90
2001	1.57	2.57	3.56	5.85	—	5.42	0.41	—	—	—	0.92
	Expenditures in Million Nominal Dollars										
1970	39.0	17.1	5.9	3.1	—	9.0	(s)	—	—	—	65.0
1975	120.9	10.7	31.6	1.7	—	33.3	40.6	—	—	—	205.4
1980	306.6	13.4	45.0	19.1	—	64.1	83.4	—	—	—	467.6
1985	378.4	2.3	(s)	6.1	—	6.1	210.7	—	—	—	597.5
1986	359.5	2.9	(s)	2.4	—	2.5	229.1	—	—	—	593.9
1987	397.0	1.8	(s)	2.7	—	2.7	260.7	—	—	—	662.2
1988	410.9	4.4	(s)	4.2	—	4.2	254.1	—	—	—	673.7
1989	409.2	6.2	0.6	6.3	—	6.8	248.4	—	—	—	670.6
1990	397.4	12.3	0.2	4.3	—	4.4	240.6	—	—	—	654.6
1991	381.5	15.0	0.2	3.7	—	3.8	234.7	—	—	—	635.0
1992	355.4	3.1	0.2	3.9	—	4.1	236.5	—	—	—	599.1
1993	418.1	5.5	0.8	3.5	—	4.3	243.0	—	—	—	670.8
1994	422.4	5.1	0.1	6.4	—	6.5	244.8	—	—	—	678.8
1995	391.5	10.8	1.1	4.8	—	5.8	264.0	—	—	—	672.2
1996	444.2	5.5	0.7	7.7	—	8.4	223.1	—	—	—	681.2
1997	449.9	11.1	0.9	10.6	—	11.6	201.7	—	—	—	674.3
1998	468.3	31.7	2.5	11.7	—	14.2	215.4	—	—	—	729.6
1999	494.8	38.5	3.8	13.2	—	17.0	226.3	—	—	—	776.6
2000	530.8	49.1	4.5	23.7	—	28.2	222.8	—	—	—	830.8
2001	565.5	29.1	1.9	13.6	—	15.5	213.9	—	—	—	824.0

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, South Dakota

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.44	0.44	0.69	0.97	0.75	1.61	2.97	0.70	1.44	2.05	—	1.20	1.65	0.41	7.38	2.13
1975	—	0.53	0.53	1.04	2.60	2.09	3.05	4.70	2.15	2.90	3.77	—	1.41	2.72	0.58	8.21	3.63
1980	—	0.84	0.84	2.83	6.53	6.47	5.50	10.14	3.28	6.07	8.19	—	2.44	5.73	0.83	12.95	7.74
1985	—	1.37	1.37	5.01	6.76	6.29	R 8.04	9.26	4.43	7.00	R 8.07	—	2.57	6.07	1.22	17.38	R 8.55
1986	—	1.37	1.37	4.62	R 5.08	4.57	R 7.70	6.83	2.33	5.76	R 6.09	—	2.08	4.94	1.27	17.35	R 7.18
1987	—	1.41	1.41	4.27	R 5.36	4.39	R 6.59	7.16	2.83	5.64	R 6.27	—	R 1.99	R 5.43	1.28	17.64	R 7.33
1988	—	1.27	1.27	4.18	R 4.98	4.36	R 6.62	7.46	2.31	5.26	R 6.20	—	2.00	4.85	1.25	17.54	R 7.33
1989	—	1.31	1.31	4.12	R 5.82	4.76	8.65	8.51	2.15	5.17	R 7.25	—	R e 2.44	R e 5.55	1.27	17.71	R e 7.99
1990	—	1.22	1.22	4.41	R 6.84	6.21	8.55	9.40	2.61	5.36	R 8.03	—	R 3.26	R 6.06	R 1.18	17.96	R 8.64
1991	—	R 1.11	R 1.11	4.21	6.50	5.36	R 7.34	8.92	2.33	5.59	7.65	—	R 3.13	R 5.52	1.16	17.96	R 8.37
1992	—	R 1.20	R 1.20	4.44	R 6.63	5.16	R 7.97	8.65	2.28	5.25	7.45	—	R 2.92	R 5.61	1.15	18.22	8.31
1993	—	R 1.07	R 1.07	4.60	R 6.39	4.90	R 8.16	8.78	2.41	6.26	7.53	—	R 2.82	R 5.68	1.13	18.17	8.29
1994	—	1.12	1.12	4.57	R 6.35	4.58	R 7.20	8.89	2.34	6.59	R 7.47	—	R 2.70	R 5.55	1.12	18.15	R 8.21
1995	—	1.08	1.08	4.17	R 6.37	4.54	R 7.45	9.14	2.36	6.12	R 7.60	—	R 2.65	R 5.63	1.07	18.18	R 8.27
1996	—	1.04	1.04	4.39	R 7.41	5.26	R 9.28	9.89	2.91	5.37	R 8.44	—	R 2.83	R 6.32	1.01	18.12	8.81
1997	—	R 0.99	R 0.99	4.79	R 7.32	4.93	10.11	10.12	3.02	5.17	R 8.58	—	R 2.69	R 6.17	R 1.04	18.23	R 9.04
1998	—	1.01	1.01	4.37	R 6.11	3.93	7.63	8.60	2.61	5.07	R 7.23	—	R 2.43	R 5.36	1.02	18.33	8.27
1999	—	1.04	1.04	4.67	R 6.83	4.47	7.60	9.20	2.66	4.45	R 7.59	—	2.50	R 5.54	R 1.15	18.61	R 8.55
2000	—	1.06	1.06	R 6.12	R 9.59	7.29	R 11.07	12.32	3.89	R 6.04	10.41	—	R 3.53	R 7.36	1.39	18.52	R 10.42
2001	—	1.04	1.04	7.15	8.93	6.66	11.72	11.64	4.23	6.33	10.07	—	3.29	7.44	1.44	18.62	10.82
	Expenditures in Million Nominal Dollars																
1970	—	2.5	2.5	25.2	24.8	4.7	16.5	154.6	1.4	10.8	212.9	—	0.4	241.1	-4.7	70.6	307.0
1975	—	12.9	12.9	33.7	58.2	11.9	33.2	262.4	2.9	20.6	389.2	—	0.7	436.5	-16.0	113.6	534.1
1980	—	30.8	30.8	67.7	182.6	46.0	51.2	516.3	2.5	35.1	833.6	—	2.1	934.2	-28.7	224.7	1,130.2
1985	—	47.4	47.4	125.9	R 202.9	34.6	R 36.0	451.3	1.0	49.9	R 775.8	—	2.3	R 951.4	-36.2	335.0	R 1,250.2
1986	—	40.1	40.1	107.4	R 184.7	12.9	43.9	323.0	0.9	39.8	R 605.2	—	2.2	R 754.9	-31.5	335.9	R 1,059.3
1987	—	20.5	20.5	90.1	R 197.3	16.0	R 56.9	339.3	1.0	33.6	R 644.1	—	1.9	R 756.6	-13.7	343.8	R 1,086.7
1988	—	R 43.1	R 43.1	102.3	R 187.2	20.6	38.1	359.4	1.2	38.5	R 645.1	—	2.0	R 792.4	-38.5	373.0	R 1,126.9
1989	—	R 44.9	R 44.9	105.9	R 199.7	26.3	115.4	407.8	0.9	34.3	R 784.5	—	e 1.7	R e 937.0	R -38.2	383.1	R e 1,281.9
1990	—	R 42.4	R 42.4	111.0	R 236.8	36.8	114.4	443.9	1.0	36.2	R 869.1	—	R 2.3	R 1,024.8	R -37.2	388.1	R 1,375.7
1991	—	R 42.9	R 42.9	109.4	R 220.5	10.8	R 47.6	427.4	1.0	36.0	R 743.2	—	2.4	R 897.9	R -39.3	409.7	R 1,268.3
1992	—	R 43.3	R 43.3	110.2	R 212.1	35.4	55.7	424.7	R 2.0	38.0	R 768.1	—	2.3	R 923.9	R -36.2	403.6	R 1,291.3
1993	—	R 38.8	R 38.8	131.8	R 228.4	31.6	R 76.3	441.0	R 1.7	35.1	R 814.2	—	R 1.9	R 986.7	R -34.9	428.1	R 1,379.9
1994	—	R 46.3	R 46.3	129.2	R 241.0	32.3	R 60.2	457.5	1.3	36.4	R 828.7	—	R 1.8	R 1,006.0	R -37.6	444.2	R 1,412.6
1995	—	R 40.3	R 40.3	131.7	R 232.1	36.1	R 61.9	477.0	0.2	41.4	R 848.8	—	R 2.0	R 1,022.8	R -34.0	459.8	R 1,448.6
1996	—	R 34.9	R 34.9	R 149.6	R 282.0	30.0	R 97.5	523.4	0.7	47.5	R 981.1	—	R 2.4	R 1,168.0	R -27.8	478.4	R 1,618.5
1997	—	R 42.7	R 42.7	R 157.7	R 261.4	19.5	R 96.1	536.3	1.2	53.3	R 967.8	—	R 1.9	R 1,171.2	R -38.8	483.4	R 1,615.7
1998	—	R 41.5	R 41.5	R 129.8	R 209.1	18.2	59.3	468.1	R 1.7	50.1	R 806.4	—	R 1.5	R 979.0	R -37.0	489.4	R 1,431.5
1999	—	R 47.9	R 47.9	135.8	R 241.8	19.5	54.6	495.4	R 1.5	61.8	R 874.6	—	1.7	R 1,063.9	R -47.7	503.0	R 1,519.3
2000	—	53.8	53.8	R 188.7	R 337.1	42.3	R 103.7	661.2	R 3.2	R 77.6	R 1,225.1	—	2.4	R 1,470.2	R -59.0	523.5	R 1,934.6
2001	—	46.2	46.2	220.1	328.6	36.5	87.7	618.8	2.8	52.2	1,126.7	—	2.0	1,395.0	-62.0	548.0	1,881.0

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, South Dakota

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.75	1.04	1.28	1.57	1.78	1.60	0.61	1.30	7.76	2.40
1975	3.61	1.40	2.55	2.91	3.41	3.14	1.20	2.23	8.97	3.81
1980	3.48	3.14	6.92	7.83	6.85	6.89	3.06	4.79	14.52	7.81
1985	2.65	5.69	7.64	7.85	7.56	7.62	3.46	R 6.35	19.13	R 10.56
1986	3.05	5.24	5.45	6.32	6.92	R 5.93	R 2.78	5.49	19.44	R 9.84
1987	2.97	4.81	4.64	6.44	5.31	R 4.96	R 2.65	R 4.84	19.93	R 9.55
1988	2.58	4.81	3.95	6.26	5.64	R 4.60	2.67	R 4.67	19.62	R 9.55
1989	2.65	4.77	5.35	6.78	10.56	R 7.75	2.95	R 6.19	19.95	R 10.30
1990	2.62	5.06	5.52	8.20	7.20	R 6.42	3.56	R 5.73	20.37	R 10.14
1991	2.97	4.85	5.13	7.45	6.40	5.71	3.41	5.16	20.24	10.22
1992	2.63	5.07	5.77	7.06	7.88	R 6.98	3.12	5.68	20.80	10.98
1993	2.44	5.23	5.98	6.22	7.20	R 6.69	3.05	5.75	20.63	10.67
1994	2.44	5.22	5.53	5.95	7.04	R 6.47	2.96	5.62	20.68	R 10.84
1995	2.64	4.98	4.98	4.92	7.32	R 6.45	2.90	5.47	20.75	R 10.72
1996	2.56	5.18	6.85	5.95	9.27	8.41	R 3.32	6.47	20.53	R 10.92
1997	2.73	5.65	6.82	5.57	10.44	R 9.36	3.31	7.09	20.76	R 11.64
1998	2.75	R 5.54	5.74	4.27	7.31	R 6.83	2.87	5.98	21.30	11.57
1999	2.31	5.80	6.17	4.84	7.33	R 7.00	2.95	6.18	21.75	R 11.93
2000	2.69	R 7.31	8.94	9.09	10.37	R 10.00	4.43	8.28	21.74	13.07
2001	2.86	8.61	8.72	9.11	11.48	10.65	4.22	9.26	21.74	14.03
	Expenditures in Million Nominal Dollars									
1970	0.6	14.3	5.7	0.1	13.5	19.4	0.1	34.3	42.0	76.3
1975	0.4	16.7	8.5	(s)	25.3	33.9	0.1	51.2	63.3	114.5
1980	0.2	33.1	30.7	0.4	29.3	60.5	1.6	95.3	129.9	225.2
1985	0.2	65.3	R 34.4	1.6	19.1	R 55.1	1.6	R 122.2	180.7	R 302.9
1986	0.3	55.6	R 34.8	0.8	21.2	R 56.8	1.3	R 114.0	182.7	R 296.7
1987	(s)	45.2	R 25.5	0.5	25.2	R 51.3	1.1	R 97.6	182.3	R 279.9
1988	(s)	52.5	R 22.3	0.5	19.5	R 42.2	1.1	R 95.9	195.0	R 290.9
1989	(s)	55.0	R 32.7	0.3	55.2	R 88.3	1.3	R 144.6	199.0	R 343.6
1990	(s)	52.4	R 30.1	0.2	45.2	R 75.5	2.0	R 130.0	199.2	R 329.1
1991	(s)	55.4	24.0	0.2	24.5	48.7	2.0	106.2	210.0	R 316.1
1992	(s)	55.6	R 15.8	0.1	28.7	R 44.7	1.9	R 102.2	201.7	R 304.0
1993	(s)	65.9	R 20.7	0.2	35.2	R 56.1	1.6	R 123.6	218.9	R 342.5
1994	0.1	63.5	R 15.7	0.1	32.7	R 48.6	1.5	R 113.7	222.1	R 335.8
1995	(s)	63.7	R 14.6	0.1	36.7	R 51.3	1.6	R 116.7	231.4	R 348.1
1996	(s)	73.9	R 24.8	0.2	62.2	R 87.2	1.9	R 163.1	240.0	R 403.0
1997	(s)	75.9	R 18.4	0.2	67.8	R 86.4	1.3	R 163.7	239.1	R 402.8
1998	—	65.1	R 12.8	0.1	38.3	R 51.2	1.1	R 117.4	240.0	R 357.4
1999	(s)	68.6	R 12.1	0.1	37.0	R 49.2	1.2	R 119.0	245.0	R 364.0
2000	(s)	92.5	R 18.3	0.2	62.2	R 80.7	1.8	R 175.0	253.9	R 429.0
2001	(s)	105.7	18.6	0.2	57.1	75.9	1.5	183.1	265.6	448.7

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, South Dakota

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.49	0.63	1.06	—	1.13	2.97	0.66	1.22	0.60	0.76	7.53	1.95
1975	1.04	0.99	2.34	—	2.28	4.70	2.21	2.54	1.20	1.31	8.82	2.71
1980	1.79	2.72	6.45	—	4.36	10.14	3.08	6.24	3.06	3.68	13.11	5.97
1985	2.45	4.56	6.03	7.85	8.66	9.26	4.44	R 6.99	3.46	R 5.03	17.53	R 9.11
1986	2.05	4.32	3.69	6.32	8.58	6.83	2.33	R 5.36	2.78	R 4.50	17.68	R 8.48
1987	1.85	4.17	4.25	6.44	8.15	7.16	2.84	R 5.48	2.65	R 4.59	17.52	R 8.55
1988	1.78	4.02	3.80	6.26	8.04	7.46	2.35	R 5.16	2.67	4.34	17.66	R 8.74
1989	1.76	3.92	4.44	6.78	7.41	8.51	2.15	R 5.99	2.95	4.45	17.57	R 8.85
1990	1.76	4.13	5.44	8.20	9.74	9.40	2.61	R 7.37	3.56	R 4.97	18.09	R 9.46
1991	R 0.95	3.97	4.83	7.45	8.68	8.92	2.33	6.23	3.41	R 4.38	18.28	9.28
1992	1.67	4.13	4.63	7.06	8.04	8.65	2.28	R 5.73	3.12	4.47	18.63	9.42
1993	0.90	4.31	4.45	6.22	9.19	8.78	2.41	6.28	3.05	4.66	18.69	9.34
1994	1.26	4.31	4.24	5.95	8.06	8.89	2.34	R 5.68	2.96	R 4.49	18.47	R 9.70
1995	1.29	R 3.94	4.26	4.92	8.09	9.14	2.36	R 5.60	2.90	4.24	18.40	R 9.57
1996	1.44	4.14	5.19	5.95	9.83	9.89	—	R 7.32	3.32	R 4.73	18.45	R 9.83
1997	1.34	4.63	4.87	5.57	10.38	10.12	3.02	R 7.20	3.31	5.15	18.68	R 10.47
1998	1.37	R 4.39	3.79	4.27	9.27	8.60	2.61	R 6.00	2.87	R 4.71	18.38	R 10.65
1999	1.47	R 4.50	4.30	4.84	8.67	9.20	2.66	R 6.18	2.95	4.80	18.57	R 10.78
2000	1.28	R 6.03	6.97	9.09	11.55	12.32	3.89	R 8.39	4.43	R 6.51	18.42	R 11.63
2001	1.10	7.19	6.45	9.11	13.02	11.64	4.23	9.02	4.22	7.49	18.04	12.58
	Expenditures in Million Nominal Dollars											
1970	0.1	7.2	1.9	—	1.5	0.8	0.1	4.2	(s)	11.6	24.1	35.7
1975	0.3	11.4	3.1	—	3.0	1.4	0.3	7.8	(s)	19.5	29.9	49.4
1980	0.4	23.1	13.7	—	3.3	3.5	0.4	20.9	(s)	44.5	51.0	95.4
1985	0.6	46.0	R 10.1	(s)	3.9	4.8	0.5	R 19.3	(s)	R 66.0	111.5	R 177.4
1986	0.8	39.8	R 6.1	(s)	4.6	5.4	0.1	R 16.3	(s)	R 56.9	96.7	R 153.6
1987	0.1	34.6	R 11.3	(s)	6.8	4.9	0.1	R 23.1	(s)	R 57.9	97.4	R 155.2
1988	0.1	34.4	R 8.1	(s)	4.9	4.9	0.3	R 18.2	(s)	R 52.8	106.0	R 158.8
1989	0.1	35.2	R 6.6	(s)	6.8	5.3	0.3	R 19.1	(s)	R 54.4	108.1	R 162.4
1990	0.1	35.9	R 7.7	(s)	10.8	3.8	0.4	R 22.7	0.1	R 58.8	111.8	R 170.6
1991	0.1	38.3	5.4	(s)	5.9	2.5	0.5	14.3	0.1	52.8	119.7	R 172.4
1992	(s)	38.2	6.6	(s)	5.2	2.5	0.5	R 14.7	0.1	R 53.1	119.1	R 172.2
1993	(s)	46.7	6.4	(s)	7.9	0.5	(s)	14.9	0.1	61.8	124.2	186.0
1994	0.3	44.7	R 6.0	(s)	6.6	0.5	0.1	R 13.2	0.1	R 58.4	142.7	R 201.1
1995	0.1	42.6	R 7.5	(s)	7.2	0.5	(s)	R 15.2	0.1	R 58.1	152.2	R 210.3
1996	R (s)	48.7	R 7.6	(s)	11.6	0.6	—	R 19.8	0.2	R 68.7	159.0	R 227.7
1997	(s)	49.1	R 7.5	(s)	11.9	0.6	0.2	R 20.1	0.1	R 69.4	162.8	R 232.2
1998	—	41.0	5.2	(s)	8.6	0.5	0.1	R 14.4	0.1	R 55.6	166.4	221.9
1999	(s)	43.2	R 5.1	(s)	7.7	0.5	R 0.1	R 13.5	0.1	R 56.9	169.3	R 226.1
2000	(s)	61.2	R 7.9	(s)	12.2	0.7	R 1.7	R 22.6	0.2	R 84.1	179.6	R 263.6
2001	0.1	69.5	9.4	0.1	11.4	1.8	0.1	22.9	0.2	92.7	208.1	300.8

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, South Dakota

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.49	0.49	0.32	0.76	0.73	0.78	1.13	5.08	2.97	0.70	—	1.56	1.49	1.34	4.72	1.42
1975	—	1.04	1.04	0.60	2.09	2.57	2.74	2.28	7.48	4.70	2.02	—	3.15	1.49	2.62	6.00	2.93
1980	—	1.79	1.79	2.35	3.82	5.65	5.92	4.36	14.36	10.14	3.34	—	6.44	1.49	5.48	9.70	5.98
1985	—	2.45	2.45	4.11	5.06	6.28	6.86	8.66	17.61	9.26	4.44	—	R 6.64	1.49	R 5.59	12.34	6.29
1986	—	2.05	2.05	3.53	3.99	4.06	4.93	8.58	15.59	6.83	2.33	—	R 4.70	1.49	4.22	12.59	R 5.18
1987	—	1.85	1.85	3.04	3.73	4.54	4.97	8.15	13.58	7.16	2.84	—	R 5.12	1.49	4.47	13.41	R 5.57
1988	—	1.78	1.78	3.12	3.58	4.16	4.49	8.04	14.62	7.46	2.35	—	R 4.60	1.49	4.08	13.51	R 5.30
1989	—	1.76	1.76	3.04	3.14	4.72	5.47	7.41	14.48	8.51	2.15	—	R 5.45	d 1.49	d 4.69	13.82	R d 5.82
1990	—	1.76	1.76	3.73	3.24	5.81	6.81	9.74	14.60	9.40	2.61	—	R 6.47	R 1.67	R 5.55	13.65	R 6.60
1991	—	R 0.95	R 0.95	3.25	3.24	5.17	5.75	8.68	16.80	8.92	2.33	16.33	5.48	R 1.67	R 4.46	13.58	R 5.83
1992	—	1.67	1.67	3.58	2.71	5.11	5.07	8.04	18.32	8.65	2.28	24.75	5.19	R 1.67	R 4.48	13.65	R 5.88
1993	—	0.90	0.90	3.71	3.06	4.96	4.92	9.19	18.96	8.78	2.41	19.10	5.63	R 1.67	R 4.62	13.48	5.90
1994	—	1.26	1.26	3.68	3.12	4.81	5.19	7.07	19.11	8.89	2.34	24.75	R 5.23	1.62	R 4.19	13.22	R 5.41
1995	—	1.29	1.29	3.39	3.34	4.82	5.28	7.41	19.41	9.14	2.36	23.89	R 5.35	1.62	R 4.23	12.97	R 5.42
1996	—	1.44	1.44	3.45	3.28	5.80	6.32	9.02	20.08	9.89	2.91	22.95	R 5.86	1.62	4.66	13.05	R 5.75
1997	—	1.34	1.34	3.95	3.54	5.32	5.94	8.79	17.98	10.12	3.02	24.62	R 5.52	1.62	R 4.45	12.96	R 5.58
1998	—	1.37	1.37	R 3.25	3.26	4.20	4.10	7.68	19.07	8.60	2.61	20.11	4.47	1.62	3.63	13.02	R 4.98
1999	—	1.47	1.47	3.33	3.27	4.96	5.44	7.86	16.75	9.20	2.66	20.54	R 4.69	1.62	R 3.86	13.34	R 5.15
2000	—	1.28	1.28	R 4.37	4.81	7.88	8.09	12.62	17.99	12.32	3.89	21.33	R 7.31	1.62	R 5.31	13.17	R 6.35
2001	—	1.10	1.10	6.11	4.42	7.20	7.32	11.59	19.00	11.64	4.23	19.26	7.24	1.62	5.95	13.06	6.95
	Expenditures in Million Nominal Dollars																
1970	—	(s)	(s)	2.2	4.5	9.9	(s)	1.3	0.4	34.5	0.2	—	50.7	0.3	53.3	4.5	57.8
1975	—	1.2	1.2	3.5	11.9	24.5	(s)	4.5	0.9	40.1	0.7	—	82.6	0.5	87.8	20.4	108.2
1980	—	4.4	4.4	11.0	16.1	54.0	0.2	17.5	0.3	78.5	2.0	—	168.5	0.5	184.4	43.8	228.1
1985	—	11.8	11.8	14.6	28.3	R 63.5	0.2	12.1	0.3	33.8	0.4	—	R 138.6	0.6	R 165.6	42.9	R 208.5
1986	—	8.6	8.6	11.9	21.6	R 63.3	0.3	17.2	0.3	21.3	0.8	—	R 124.7	0.8	R 146.0	56.5	R 202.5
1987	—	7.4	7.4	10.1	16.7	R 69.7	0.1	23.3	0.3	23.7	0.8	—	R 134.7	0.8	R 153.0	64.1	R 217.2
1988	—	6.2	6.2	14.8	20.8	R 68.1	0.1	13.2	0.3	21.3	0.8	—	R 124.6	0.9	R 146.4	72.0	R 218.4
1989	—	7.8	7.8	15.3	16.2	R 65.4	0.2	52.8	0.3	24.2	0.6	—	R 159.6	d 0.4	R d 183.1	76.0	R d 259.1
1990	—	6.8	6.8	22.0	17.0	R 80.5	0.1	57.6	0.3	24.1	0.6	—	R 180.2	R 0.2	R 209.2	77.1	R 286.4
1991	—	R 4.8	R 4.8	15.4	16.5	R 70.3	0.1	16.7	0.3	22.7	0.5	1.6	R 128.7	R 0.2	R 149.2	80.0	R 229.2
1992	—	7.7	7.7	16.3	15.9	R 64.5	0.1	21.2	0.4	19.5	R 1.5	2.6	R 125.7	R 0.2	R 149.9	82.8	R 232.7
1993	—	5.2	5.2	18.7	13.1	R 73.1	(s)	32.2	0.4	24.9	R 1.7	2.2	R 147.6	R 0.2	R 171.7	84.9	R 256.6
1994	—	9.8	9.8	20.5	13.0	R 72.1	(s)	19.4	0.4	21.5	1.2	2.9	R 130.6	R 0.2	R 161.1	79.5	R 240.6
1995	—	8.7	8.7	R 23.9	18.2	R 61.8	0.1	17.5	0.4	25.4	0.2	2.8	R 126.4	R 0.2	R 159.2	76.2	R 235.4
1996	—	9.9	9.9	25.1	24.7	R 77.1	0.1	23.1	0.4	27.9	0.7	1.6	R 155.6	R 0.4	R 191.1	79.5	R 270.5
1997	—	10.2	10.2	27.9	31.8	R 63.6	0.1	16.0	0.4	29.9	R 1.0	1.5	R 144.4	R 0.4	R 182.8	81.4	R 264.2
1998	—	10.8	10.8	18.4	28.0	R 46.8	(s)	12.0	0.4	17.3	R 1.6	1.2	R 107.3	R 0.4	R 136.9	83.0	R 219.9
1999	—	12.6	12.6	16.9	40.8	R 58.9	(s)	9.7	0.4	21.4	R 1.3	1.1	R 133.5	0.4	R 163.4	88.7	R 252.1
2000	—	16.1	16.1	R 18.9	55.3	R 88.6	R 0.1	28.4	0.4	26.8	R 1.5	1.0	R 202.2	R 0.3	R 237.6	90.0	R 327.5
2001	—	7.0	7.0	25.6	31.0	83.0	0.1	18.4	0.4	38.2	2.7	1.0	174.8	0.3	207.8	74.3	282.0

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, South Dakota

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.49	—	2.17	1.32	0.75	1.13	5.08	2.97	0.65	2.56	2.56	—	2.56
1975	1.04	—	3.45	2.72	2.09	2.28	7.48	4.70	1.82	4.23	4.23	—	4.23
1980	—	—	9.02	7.12	6.47	4.36	14.36	10.14	—	9.21	9.21	—	9.21
1985	—	—	9.99	6.93	6.29	R 9.24	17.61	9.26	—	8.64	8.64	—	8.64
1986	—	—	8.41	6.38	4.57	R 9.16	15.59	6.83	—	6.77	6.77	—	6.77
1987	—	—	7.55	6.83	4.39	R 8.61	13.58	7.16	—	7.03	7.03	—	7.03
1988	—	—	7.41	6.66	4.36	R 8.87	14.62	7.46	—	7.17	7.17	—	7.17
1989	—	—	8.28	7.44	4.76	R 8.27	14.48	8.51	2.07	R 8.06	R 8.06	—	R 8.06
1990	—	—	9.32	8.57	6.21	R 10.86	14.60	9.40	1.82	R 9.02	R 9.02	—	R 9.02
1991	—	4.06	8.71	8.34	5.36	R 9.68	16.80	8.92	—	8.78	8.78	—	8.78
1992	—	4.02	8.54	8.25	5.16	R 8.97	18.32	8.65	—	8.34	8.34	—	8.34
1993	—	4.14	8.24	8.01	4.90	R 10.25	18.96	8.78	—	8.38	8.38	—	8.38
1994	—	3.14	7.96	7.92	4.58	R 10.07	19.11	8.89	—	R 8.38	R 8.38	—	R 8.38
1995	—	3.84	8.36	7.89	4.54	R 10.45	19.41	9.14	—	R 8.49	R 8.49	—	R 8.49
1996	—	3.71	9.29	8.79	5.26	R 10.18	20.08	9.89	—	R 9.38	R 9.38	—	R 9.38
1997	—	3.42	9.39	8.84	4.93	R 9.77	17.98	10.12	—	R 9.61	R 9.61	—	R 9.61
1998	—	R 4.91	8.11	7.50	3.93	R 9.66	19.07	8.60	—	R 8.18	R 8.18	—	R 8.18
1999	—	R 4.81	8.81	8.19	4.47	R 12.23	16.75	9.20	—	8.76	8.76	—	8.76
2000	—	4.46	R 10.87	10.88	7.29	R 15.64	17.99	12.32	—	R 11.65	R 11.65	—	R 11.65
2001	—	6.68	11.01	10.15	6.66	16.99	19.00	11.64	—	10.97	10.97	—	10.97
	Expenditures in Million Nominal Dollars												
1970	(s)	—	1.1	7.1	4.7	0.2	4.7	119.3	(s)	137.2	137.2	—	137.2
1975	(s)	—	1.3	21.1	11.9	0.5	6.3	220.8	(s)	262.1	262.1	—	262.1
1980	—	—	4.4	82.0	46.0	1.1	13.6	434.3	—	581.3	581.3	—	581.3
1985	—	—	4.4	R 93.7	34.6	0.8	15.2	412.8	—	R 561.4	R 561.4	—	R 561.4
1986	—	—	3.6	R 79.7	12.9	0.8	13.1	296.3	—	R 406.5	R 406.5	—	R 406.5
1987	—	—	3.1	R 90.3	16.0	1.4	12.9	310.7	—	R 434.4	R 434.4	—	R 434.4
1988	—	—	3.3	R 87.7	20.6	0.6	13.4	333.1	—	R 458.8	R 458.8	—	R 458.8
1989	—	—	3.7	R 94.0	26.3	R 0.6	13.6	378.4	(s)	R 516.7	R 516.7	—	R 516.7
1990	—	—	4.4	R 117.5	36.8	R 0.9	14.1	415.9	(s)	R 589.6	R 589.6	—	R 589.6
1991	—	(s)	2.7	R 119.8	10.8	R 0.5	14.6	402.2	—	R 550.5	R 550.6	—	R 550.6
1992	—	(s)	2.7	R 124.8	35.4	R 0.6	16.2	402.8	—	R 582.4	R 582.4	—	R 582.4
1993	—	(s)	2.2	R 127.3	31.6	R 1.0	17.1	415.6	—	R 594.7	R 594.8	—	R 594.8
1994	—	(s)	1.9	R 146.0	32.3	R 1.4	18.0	435.4	—	R 635.1	R 635.2	—	R 635.2
1995	—	(s)	2.0	R 147.2	36.1	R 0.6	17.9	451.0	—	R 654.7	R 654.7	—	R 654.7
1996	—	(s)	2.5	R 171.3	30.0	0.5	18.0	494.9	—	R 717.2	R 717.3	—	R 717.3
1997	—	R 0.2	2.3	R 171.3	19.5	0.3	17.0	505.9	—	R 716.3	R 716.5	—	R 716.5
1998	—	(s)	1.4	R 143.0	18.2	0.4	18.9	450.3	—	R 632.2	R 632.2	—	R 632.2
1999	—	R 0.1	2.6	R 164.4	19.5	0.2	16.8	473.5	—	R 677.0	R 677.1	—	R 677.1
2000	—	R 0.1	R 2.8	R 217.1	42.3	R 0.8	17.8	633.7	—	R 914.5	R 914.5	—	R 914.5
2001	—	0.1	2.3	213.7	36.5	0.8	17.2	578.8	—	849.3	849.4	—	849.4

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, South Dakota (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.35	0.33	0.70	0.97	—	0.74	—	—	—	—	0.41
1975	0.48	0.64	2.19	2.29	—	2.22	—	—	—	—	0.58
1980	0.76	1.97	3.07	6.50	—	6.03	—	—	—	—	0.83
1985	1.18	3.73	3.99	5.81	—	5.75	—	—	—	—	1.22
1986	1.24	3.49	2.33	3.68	—	3.64	—	—	—	—	1.27
1987	1.23	2.43	2.39	4.34	—	4.23	—	—	—	—	1.28
1988	1.21	2.28	2.06	4.02	—	3.65	—	—	—	—	1.25
1989	1.24	2.55	—	4.50	—	4.50	—	—	—	—	1.27
1990	1.15	2.57	—	5.65	—	5.65	—	—	—	—	1.18
1991	1.13	1.76	—	4.88	—	4.88	—	—	—	—	1.16
1992	1.13	2.83	—	4.40	—	4.40	—	—	—	—	1.15
1993	1.10	2.38	—	4.67	—	4.67	—	—	—	—	1.13
1994	1.08	2.72	—	3.97	—	3.97	—	—	—	—	1.12
1995	1.03	1.58	—	3.98	—	3.98	—	—	—	—	1.07
1996	0.94	2.33	—	5.98	—	5.98	—	—	—	—	1.01
1997	0.92	2.68	—	4.49	—	4.49	—	—	3.77	1.62	1.04
1998	0.93	1.77	—	3.30	—	3.30	—	—	4.01	3.02	1.02
1999	0.94	2.73	—	4.12	—	4.12	—	—	4.92	4.16	1.15
2000	0.99	4.33	—	6.56	—	6.56	—	—	3.04	—	1.39
2001	1.03	4.15	—	6.18	—	6.18	—	—	3.29	—	1.44
	Expenditures in Million Nominal Dollars										
1970	1.8	1.5	1.2	0.3	—	1.5	—	—	—	—	4.7
1975	11.0	2.1	2.0	0.9	—	2.9	—	—	—	—	16.0
1980	25.8	0.5	0.2	2.2	—	2.4	—	—	—	—	28.7
1985	34.8	0.1	(s)	1.3	—	1.3	—	—	—	—	36.2
1986	30.5	0.1	(s)	0.8	—	0.8	—	—	—	—	31.5
1987	12.9	0.2	(s)	0.5	—	0.6	—	—	—	—	13.7
1988	36.7	0.5	0.1	1.1	—	1.3	—	—	—	—	38.5
1989	37.0	0.3	—	0.9	—	0.9	—	—	—	—	38.2
1990	35.5	0.6	—	1.1	—	1.1	—	—	—	—	37.2
1991	38.0	0.3	—	1.0	—	1.0	—	—	—	—	39.3
1992	35.6	0.1	—	0.5	—	0.5	—	—	—	—	36.2
1993	33.6	0.5	—	0.9	—	0.9	—	—	—	—	34.9
1994	36.0	0.4	—	1.2	—	1.2	—	—	—	—	37.6
1995	31.4	1.5	—	1.1	—	1.1	—	—	—	—	34.0
1996	24.9	1.7	—	1.1	—	1.1	—	—	—	—	27.8
1997	32.5	4.7	—	0.6	—	0.6	—	—	1.0	(s)	38.8
1998	30.7	5.2	—	1.3	—	1.3	—	—	0.3	0.5	37.0
1999	35.3	7.0	—	1.4	—	1.4	—	—	4.6	0.6	47.7
2000	37.8	15.9	—	5.2	—	5.2	—	—	0.1	—	59.0
2001	39.0	19.2	—	3.9	—	3.9	—	—	(s)	—	62.0

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Tennessee

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	0.38	0.26	0.26	0.54	1.11	0.73	1.92	2.84	0.36	1.13	2.06	—	1.43	1.02	0.23	2.85	1.71
1975	1.60	0.90	0.91	0.93	2.68	2.03	3.44	4.58	1.78	2.80	3.77	—	1.69	2.12	0.89	5.83	3.52
1980	1.81	1.54	1.54	2.69	6.80	6.39	6.42	9.89	3.36	6.54	8.39	0.38	2.27	4.41	1.57	10.67	7.26
1985	1.93	1.55	1.55	4.46	6.58	5.83	R 9.21	8.85	4.80	6.73	7.87	0.78	2.86	4.25	1.42	14.65	8.07
1986	1.75	1.44	1.44	4.20	R 5.85	3.81	R 8.90	7.01	2.83	5.32	R 6.34	—	2.54	3.86	1.43	15.59	7.42
1987	1.63	1.38	1.38	3.69	R 6.21	4.01	R 8.94	7.44	2.88	4.92	R 6.59	—	2.42	R 3.87	1.38	15.98	R 7.58
1988	1.70	1.35	1.35	3.75	R 5.97	3.82	R 9.14	7.43	2.64	4.69	R 6.54	0.83	2.43	3.74	1.31	16.19	7.62
1989	1.74	1.35	1.36	3.87	R 6.58	4.34	R 9.62	8.25	2.68	R 4.74	R 7.15	0.89	R e 1.94	R e 3.84	1.23	15.91	R e 7.85
1990	1.83	1.35	1.35	3.98	R 7.88	5.58	R 11.12	9.40	3.14	R 5.22	R 8.21	0.84	R 1.91	4.20	1.24	15.58	R 8.41
1991	1.80	1.28	1.28	3.91	7.39	4.82	R 9.91	9.00	2.34	R 5.26	R 7.86	0.85	R 1.86	R 3.97	1.15	15.29	R 8.16
1992	—	1.30	1.30	4.14	R 7.22	4.56	R 8.74	8.92	2.51	R 4.83	R 7.64	0.94	R 1.79	R 4.00	1.20	15.28	R 8.04
1993	—	1.28	1.28	4.48	R 7.19	4.19	R 9.55	8.78	2.67	R 4.93	R 7.55	0.95	R 1.67	R 4.14	R 1.25	15.33	R 8.05
1994	—	1.28	1.28	4.66	R 7.06	3.92	R 10.33	8.87	2.86	R 4.86	R 7.51	1.00	R 1.64	R 4.12	1.22	15.35	R 8.11
1995	—	1.19	1.19	4.23	7.06	3.93	R 10.35	9.06	2.40	R 5.14	R 7.67	0.58	R 1.60	R 3.93	1.04	15.30	R 8.04
1996	—	1.18	1.18	4.84	R 7.96	4.67	R 12.12	9.83	R 3.63	R 5.88	R 8.57	0.47	R 1.61	R 4.18	0.95	15.39	R 8.69
1997	—	1.17	1.17	5.12	R 7.63	4.39	R 12.14	9.65	3.56	R 5.93	R 8.38	R 0.48	R 1.39	R 4.09	0.94	15.60	R 8.72
1998	—	1.17	1.17	4.83	R 6.33	3.25	11.82	8.27	3.19	R 4.96	R 7.03	R 0.65	R 1.51	R 3.65	R 0.99	16.51	R 8.36
1999	—	1.17	1.17	R 4.65	R 7.19	3.96	R 10.81	8.88	2.97	R 4.70	R 7.57	0.44	R 1.60	R 3.83	R 0.93	16.52	R 8.58
2000	—	1.13	1.13	R 5.87	R 9.42	6.55	R 14.05	11.29	3.97	R 6.05	R 9.85	0.43	R 1.76	R 4.75	R 0.96	16.41	R 9.91
2001	—	1.26	1.26	8.05	8.76	5.58	14.61	10.65	4.91	5.87	9.24	0.39	1.73	4.76	0.98	16.52	9.92
	Expenditures in Million Nominal Dollars																
1970	2.5	101.7	104.2	123.6	70.8	13.6	23.0	625.1	1.1	97.6	831.2	—	13.3	1,072.3	-80.9	504.6	1,496.0
1975	8.9	421.9	430.7	186.1	272.8	45.1	48.8	1,292.7	4.3	206.4	1,870.0	—	16.0	2,502.8	-376.4	1,357.0	3,483.4
1980	5.0	882.8	887.8	570.9	759.3	149.8	65.3	2,853.4	28.2	504.0	4,360.0	2.1	24.8	5,845.6	-804.8	2,656.5	7,697.3
1985	8.0	921.2	929.2	813.4	R 865.1	160.1	R 75.1	2,698.9	9.6	465.4	R 4,274.1	79.6	45.2	R 6,141.5	-845.5	3,409.7	R 8,705.8
1986	5.1	867.9	873.1	742.6	R 770.3	127.8	R 86.1	2,221.8	7.1	404.8	R 3,617.8	—	41.7	R 5,275.2	-716.0	3,559.5	R 8,118.7
1987	3.3	818.9	822.2	689.5	R 845.6	129.0	R 84.7	2,245.6	4.4	399.8	R 3,709.1	—	37.8	R 5,258.6	-682.9	3,754.3	R 8,330.0
1988	3.6	818.7	822.3	747.2	R 833.2	91.3	R 103.0	2,313.8	5.5	383.7	R 3,730.6	34.5	39.5	R 5,374.1	-718.1	3,975.4	R 8,631.4
1989	3.6	R 764.9	R 768.4	797.6	R 921.1	106.8	R 121.3	2,601.9	5.7	R 426.1	R 4,182.8	147.3	R e 45.2	R e 5,941.3	R -775.0	4,030.7	R e 9,197.0
1990	3.3	R 809.6	R 812.8	804.8	R 1,125.1	131.7	R 115.7	2,862.8	R 4.5	R 484.9	R 4,724.7	124.8	R 43.8	R 6,510.9	R -802.7	4,054.4	R 9,762.5
1991	0.9	R 723.8	724.7	829.9	R 966.9	92.9	R 114.1	2,656.0	4.0	R 473.1	R 4,307.0	147.5	R 49.1	R 6,058.1	R -741.4	4,041.5	R 9,358.2
1992	—	R 764.5	R 764.5	R 938.7	R 989.4	115.3	R 150.1	2,746.1	R 4.4	R 459.9	R 4,465.3	153.3	R 47.8	R 6,369.6	R -788.5	4,041.0	R 9,622.1
1993	—	R 879.7	R 879.7	R 1,064.6	R 980.8	155.5	R 122.1	2,822.3	R 6.0	R 439.1	R 4,525.8	33.0	R 41.0	R 6,544.1	R -781.3	4,116.3	R 9,879.1
1994	—	R 798.4	R 798.4	R 1,069.8	R 959.8	172.3	R 129.6	2,916.4	R 5.3	R 464.6	R 4,647.9	125.0	R 43.4	R 6,684.4	R -789.2	4,264.5	R 10,159.7
1995	—	R 797.1	R 797.1	R 1,016.9	R 1,062.4	180.5	R 127.3	3,062.8	R 2.9	R 476.5	R 4,912.3	95.5	R 54.5	R 6,876.4	R -768.0	4,224.3	R 10,332.6
1996	—	R 770.5	R 770.5	R 1,251.4	R 1,243.9	246.9	R 187.5	3,326.5	R 2.6	R 389.4	R 5,396.9	112.4	R 52.1	R 7,583.3	R -764.5	4,542.0	R 11,360.8
1997	—	R 796.2	R 796.2	R 1,343.2	R 1,196.7	234.5	R 175.9	3,329.0	2.3	R 380.8	R 5,319.2	R 123.1	R 39.4	R 7,621.1	R -797.4	4,587.3	R 11,411.0
1998	—	R 762.6	R 762.6	R 1,274.1	R 1,071.0	181.7	138.7	2,909.6	R 0.7	R 385.8	R 4,687.6	R 192.5	R 45.0	R 6,961.9	R -868.3	5,122.1	R 11,215.7
1999	—	R 757.2	R 757.2	R 1,226.8	R 1,114.5	265.0	R 182.9	3,229.2	R 0.2	R 376.2	R 5,168.0	R 126.4	R 53.9	R 7,332.3	R -802.3	5,208.3	R 11,738.2
2000	—	R 797.6	R 797.6	R 1,524.1	R 1,539.4	477.3	R 278.2	4,052.0	R 1.0	R 455.5	R 6,803.4	R 116.8	R 65.8	R 9,307.7	R -857.8	5,312.8	R 13,762.7
2001	—	864.2	864.2	1,970.7	1,459.2	397.3	234.8	3,794.5	1.9	431.4	6,319.0	117.7	90.2	9,361.9	-878.2	5,324.7	13,808.4

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Tennessee

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	0.74	0.89	1.24	1.62	2.16	1.82	0.85	1.13	3.34	2.09
1975	1.75	1.25	2.49	3.38	3.84	3.56	1.69	1.92	6.62	4.41
1980	1.97	2.85	6.89	9.09	7.65	7.95	4.31	3.78	10.43	7.77
1985	1.85	4.96	6.59	6.88	9.23	R 7.85	R 4.88	5.41	14.28	R 10.76
1986	1.67	4.81	5.30	5.19	8.96	R 7.63	3.91	5.11	15.26	11.35
1987	1.79	4.53	5.25	6.56	9.09	R 7.77	R 3.73	4.95	16.03	R 11.74
1988	1.52	4.51	5.53	7.53	9.06	R 8.15	R 3.77	R 5.03	16.74	R 11.94
1989	1.61	4.68	5.90	6.86	10.25	R 8.72	4.16	5.32	16.65	R 11.92
1990	1.77	4.94	6.59	7.93	11.90	R 10.26	3.53	R 5.51	16.68	R 12.19
1991	1.75	5.02	6.12	7.28	10.57	9.39	R 3.38	R 5.44	16.55	R 12.02
1992	1.61	5.33	5.21	8.18	9.41	8.62	R 3.09	R 5.55	16.71	12.00
1993	1.79	5.50	5.30	6.68	9.61	R 8.66	3.02	5.72	16.87	12.05
1994	1.77	5.94	5.53	6.11	11.83	R 9.76	2.93	6.27	17.23	12.75
1995	1.50	5.60	5.42	6.54	11.72	R 9.92	2.87	5.96	17.33	12.42
1996	1.56	6.07	4.76	6.54	13.39	R 11.24	3.29	6.65	17.24	12.60
1997	1.61	6.70	6.33	6.50	13.59	R 11.50	3.27	7.31	17.66	13.30
1998	1.68	6.53	5.75	5.21	12.87	R 10.64	2.84	7.06	18.51	14.07
1999	1.70	6.36	9.13	5.94	12.09	R 10.82	2.92	7.03	18.59	R 13.97
2000	1.65	R 7.22	10.90	8.58	15.24	R 14.04	4.38	8.28	18.54	R 14.24
2001	2.39	9.80	9.85	7.89	16.14	14.69	4.17	10.27	18.53	15.18
	Expenditures in Million Nominal Dollars									
1970	5.3	42.5	1.2	18.6	18.9	38.7	2.5	89.0	204.2	293.2
1975	4.0	56.8	3.4	25.3	39.5	68.1	5.1	134.0	520.6	654.7
1980	2.3	129.8	12.4	28.3	42.2	82.8	9.5	224.5	932.6	1,157.0
1985	R 1.7	202.0	R 10.3	28.8	40.2	R 79.3	26.9	R 309.9	1,244.6	R 1,554.5
1986	R 0.7	199.9	R 5.4	9.7	46.5	R 61.5	21.0	R 283.1	1,347.6	R 1,630.7
1987	R 1.0	203.5	R 7.7	16.8	46.7	R 71.2	17.2	R 292.8	1,501.5	R 1,794.3
1988	R 1.6	221.7	R 7.6	26.8	58.0	R 92.4	R 18.1	R 333.7	1,597.0	R 1,930.6
1989	R 1.8	237.6	R 9.8	24.0	74.7	R 108.5	20.7	R 368.6	1,611.0	R 1,979.6
1990	R 1.9	236.8	R 10.6	14.5	74.0	R 99.1	25.3	R 363.2	1,636.6	R 1,999.8
1991	R 1.4	256.2	R 9.5	11.1	74.0	94.6	R 25.6	R 377.6	1,671.4	R 2,049.0
1992	R 1.1	287.2	R 7.8	16.7	71.5	R 96.0	R 24.6	408.9	1,681.8	2,090.7
1993	0.9	335.2	6.3	11.8	76.3	94.4	18.3	R 448.9	1,738.2	2,187.0
1994	0.6	351.5	R 8.9	15.2	90.8	R 114.9	17.4	R 484.4	1,927.9	R 2,412.3
1995	0.7	346.2	R 8.2	13.8	90.4	R 112.4	19.0	R 478.3	1,831.5	R 2,309.8
1996	0.5	440.8	R 7.4	16.9	138.3	R 162.6	21.7	R 625.7	2,078.3	R 2,704.0
1997	0.6	443.1	R 8.7	16.1	126.9	R 151.7	10.4	R 605.9	2,010.8	R 2,616.7
1998	0.1	399.7	R 7.7	12.5	113.1	R 133.4	8.2	R 541.3	2,237.7	R 2,779.1
1999	0.5	395.5	R 12.3	14.3	133.2	R 159.7	9.0	R 564.7	2,246.6	R 2,811.3
2000	0.5	R 512.5	R 11.1	R 18.4	189.5	R 219.0	14.1	R 746.2	2,316.4	R 3,062.6
2001	1.0	691.4	9.5	11.0	157.6	178.1	11.5	882.0	2,334.7	3,216.7

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Tennessee

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.35	0.70	1.06	0.78	1.27	2.84	0.42	1.46	0.85	0.77	4.97	1.92
1975	1.17	1.09	2.29	2.32	2.39	4.58	1.77	2.88	1.69	1.37	8.27	3.47
1980	1.39	2.95	6.49	6.16	4.96	9.89	3.44	7.05	4.31	3.54	13.29	7.92
1985	1.60	4.75	6.12	6.88	9.14	8.85	4.80	R 6.43	4.88	R 5.15	17.05	R 8.97
1986	1.54	4.53	3.74	5.19	8.75	7.01	2.83	R 4.63	3.91	R 4.47	17.96	R 9.35
1987	1.43	4.20	4.27	6.56	8.71	7.44	2.88	R 5.26	3.73	4.31	17.67	R 9.27
1988	1.40	4.25	3.86	7.53	9.18	7.43	2.62	R 5.47	3.77	4.32	18.03	R 9.26
1989	1.40	4.35	4.50	6.86	8.69	8.25	2.69	R 6.25	1.78	R 4.41	18.03	R 9.80
1990	1.40	4.64	5.52	7.93	9.88	9.40	3.16	R 7.26	2.12	R 4.73	18.02	R 10.46
1991	1.42	4.61	4.90	7.28	8.80	9.00	2.48	6.84	2.17	R 4.64	17.98	R 10.38
1992	1.41	4.91	4.72	8.18	8.18	8.92	2.67	R 6.02	1.96	R 4.85	19.38	R 9.04
1993	1.41	5.09	4.54	6.68	9.37	8.78	2.72	5.91	1.93	R 5.02	20.13	R 8.71
1994	1.41	5.39	4.33	6.11	8.22	8.87	2.87	R 5.23	1.80	R 5.18	19.94	R 8.85
1995	1.42	5.02	4.34	6.54	8.25	9.06	2.40	R 5.48	1.62	R 4.81	19.96	R 8.59
1996	1.41	5.54	5.29	6.54	10.02	9.83	3.66	R 6.55	1.86	R 5.44	20.06	R 8.89
1997	1.45	5.93	4.96	6.50	10.58	9.65	3.60	R 6.41	1.58	R 5.70	17.56	R 12.36
1998	1.46	5.86	3.86	5.21	9.45	8.27	3.19	R 5.19	1.50	R 5.65	18.68	R 13.21
1999	1.41	5.58	4.39	5.94	8.84	8.88	—	R 5.66	1.23	R 5.34	18.71	R 13.04
2000	1.30	R 6.59	7.11	8.58	11.77	11.29	—	R 8.42	1.83	R 6.54	18.69	R 13.48
2001	1.48	9.06	6.57	7.89	13.27	10.65	—	8.25	1.47	8.42	18.78	14.39
	Expenditures in Million Nominal Dollars											
1970	2.0	30.4	2.6	1.8	2.0	5.9	(s)	12.2	(s)	44.7	107.8	152.5
1975	6.3	47.9	7.9	3.4	4.3	10.1	(s)	25.7	0.1	79.9	210.0	289.9
1980	6.1	132.1	38.4	3.6	4.8	24.2	1.0	72.0	0.2	210.6	644.5	855.1
1985	R 5.1	213.2	R 114.2	6.5	7.0	15.7	2.9	R 146.3	0.7	R 365.4	573.3	R 938.6
1986	R 2.3	199.0	R 32.4	2.7	8.0	14.8	2.3	R 60.1	0.6	R 262.1	595.9	R 858.0
1987	R 2.6	191.1	R 31.8	4.7	7.9	14.6	1.2	R 60.2	0.6	R 254.6	614.9	R 869.5
1988	R 5.1	200.8	R 26.1	10.3	10.4	20.2	1.3	R 68.2	0.7	R 274.8	644.9	R 919.7
1989	R 5.9	213.3	R 20.3	6.0	11.2	22.3	0.9	R 60.7	1.4	R 281.4	753.0	R 1,034.4
1990	R 6.0	209.0	R 23.8	3.1	10.8	22.9	0.7	R 61.2	2.3	R 278.6	803.8	R 1,082.4
1991	R 5.0	218.7	R 17.1	1.3	10.9	19.8	0.3	R 49.3	2.4	R 275.5	804.8	R 1,080.3
1992	4.4	235.5	R 28.4	3.2	11.0	16.2	1.0	R 59.7	2.3	R 301.8	488.8	R 790.6
1993	R 3.2	267.5	R 24.9	2.3	13.1	9.4	0.6	R 50.2	2.1	R 323.0	419.2	R 742.2
1994	2.7	282.2	R 23.1	2.5	11.1	2.3	0.6	R 39.6	2.1	R 326.6	416.4	R 743.0
1995	4.5	265.4	R 18.7	3.0	11.2	2.3	0.2	R 35.4	2.4	R 307.7	424.5	R 732.2
1996	3.4	334.6	R 27.9	3.3	18.2	2.5	0.6	R 52.6	2.8	R 393.5	447.9	R 841.3
1997	4.2	336.8	R 23.9	3.7	17.4	2.5	1.0	R 48.4	2.3	R 391.7	1,548.0	R 1,939.8
1998	0.8	316.5	R 21.3	3.6	14.7	2.1	(s)	R 41.8	1.9	R 360.9	1,648.3	R 2,009.3
1999	R 3.2	301.2	R 24.5	1.8	17.2	2.3	—	R 45.7	2.0	R 352.1	1,676.3	R 2,028.4
2000	3.4	R 364.5	R 44.6	R 5.1	25.8	2.9	—	R 78.5	2.5	R 448.9	1,710.1	R 2,158.9
2001	4.8	497.7	35.8	4.0	22.9	2.9	—	65.6	2.5	570.6	1,733.5	2,304.1

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Tennessee

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	0.38	0.35	0.35	0.38	0.67	0.72	0.78	1.27	5.08	2.84	0.36	0.81	0.87	1.69	0.57	2.05	0.94
1975	1.60	1.17	1.22	0.73	1.79	2.11	2.32	2.39	7.48	4.58	1.89	2.26	2.29	1.69	1.39	4.87	2.55
1980	1.81	1.39	1.41	2.54	3.56	5.50	6.16	4.96	14.36	9.89	3.36	6.50	5.59	1.73	3.32	9.71	5.04
1985	1.93	1.60	1.61	4.11	4.76	6.37	6.74	9.14	17.61	8.85	4.80	5.95	6.26	1.73	R 3.81	14.22	6.66
1986	1.75	1.54	1.55	3.77	4.89	4.12	4.70	8.75	15.59	7.01	2.83	3.75	4.75	1.84	3.27	15.12	6.36
1987	1.63	1.43	1.43	3.05	3.24	4.56	4.67	8.71	13.58	7.44	2.88	4.35	4.59	1.84	R 3.00	15.39	R 6.18
1988	1.70	1.40	1.40	3.16	3.05	4.22	4.28	9.18	14.62	7.43	2.62	3.61	4.23	1.84	R 2.90	15.15	R 6.17
1989	1.74	1.40	1.41	3.27	2.86	4.78	5.30	8.69	14.48	8.25	2.69	R 4.37	R 4.45	R d 1.32	R d 2.97	14.51	R d 5.96
1990	1.83	1.40	1.41	3.29	2.94	5.90	6.92	9.88	14.60	9.40	3.16	R 5.35	R 5.10	R 1.10	R 3.26	13.74	R 6.00
1991	1.80	1.42	1.42	3.12	3.30	5.25	5.81	8.80	16.80	9.00	2.48	R 4.90	R 4.96	R 1.20	R 3.13	13.20	R 5.78
1992	—	1.41	1.41	3.34	2.03	5.21	5.12	8.18	18.32	8.92	2.67	R 4.60	R 4.65	R 1.20	R 3.17	13.49	R 6.07
1993	—	1.41	1.41	3.76	2.37	5.05	4.85	9.37	18.96	8.78	2.72	R 4.34	R 4.58	R 1.19	R 3.22	13.54	R 6.25
1994	—	1.41	1.41	3.72	2.45	4.91	4.87	7.21	19.11	8.87	2.87	R 4.23	R 4.45	R 1.25	R 3.15	13.24	R 6.09
1995	—	1.42	1.42	3.24	2.62	4.91	4.59	7.56	19.41	9.06	2.40	R 4.61	R 4.70	R 1.28	R 3.08	13.19	R 6.05
1996	—	1.41	1.41	3.80	3.12	5.91	5.72	9.19	20.08	9.83	3.66	R 5.28	R 5.50	R 1.15	R 3.39	13.24	R 6.51
1997	—	1.45	1.45	4.05	3.23	5.42	5.21	8.96	17.98	9.65	3.60	R 5.44	R 5.45	R 1.13	R 3.53	11.17	R 5.16
1998	—	1.46	1.46	R 3.82	3.11	4.28	3.81	7.83	19.07	8.27	3.19	R 3.40	R 4.30	R 1.37	R 3.20	12.21	R 5.22
1999	—	1.41	1.41	R 3.63	2.85	5.06	4.72	8.01	16.75	8.88	2.97	R 3.71	R 4.41	1.49	R 3.14	12.27	R 5.25
2000	—	1.30	1.30	4.90	3.79	8.03	8.24	11.98	17.99	11.29	3.97	R 5.44	R 6.17	R 1.51	R 3.98	11.98	R 5.91
2001	—	1.48	1.48	6.61	4.29	7.34	7.33	11.82	19.00	10.65	5.01	4.29	6.04	1.61	4.42	12.08	6.18
	Expenditures in Million Nominal Dollars																
1970	2.5	17.8	20.3	46.3	16.2	13.3	7.5	1.7	10.3	3.5	1.1	26.8	80.5	10.8	157.9	192.6	350.5
1975	8.9	52.0	60.8	81.4	44.8	57.6	9.4	3.9	23.7	2.8	2.3	62.0	206.5	10.8	359.5	626.3	985.8
1980	5.0	89.4	94.4	306.4	79.8	136.3	30.8	17.1	49.2	1.9	27.0	240.3	582.4	15.0	998.2	1,079.4	2,077.6
1985	8.0	156.7	164.6	398.1	139.3	R 133.9	7.7	22.2	54.9	29.9	6.6	154.8	R 549.3	17.6	R 1,129.7	1,591.8	R 2,721.5
1986	5.1	153.5	158.6	343.7	134.9	R 92.6	1.5	24.9	47.5	21.3	4.9	143.0	R 470.6	20.1	R 993.1	1,616.0	R 2,609.1
1987	3.3	137.5	140.8	294.8	98.3	R 101.6	2.5	26.0	46.8	23.8	3.2	167.6	R 469.9	20.0	R 925.5	1,637.9	R 2,563.4
1988	3.6	136.4	140.0	324.1	81.8	R 87.5	3.2	29.4	48.6	21.9	4.0	148.1	R 424.6	20.8	R 909.5	1,733.5	R 2,643.0
1989	3.6	137.6	141.2	346.6	108.1	R 76.6	1.1	30.0	49.4	26.2	R 4.6	R 170.8	R 466.8	R d 23.2	R d 977.7	1,666.7	R d 2,644.4
1990	3.3	132.8	136.1	357.4	113.0	R 116.7	1.8	25.9	51.2	28.8	R 3.8	R 231.9	R 573.1	R 16.1	R 1,082.6	1,613.9	R 2,696.6
1991	0.9	132.0	132.9	354.4	117.3	R 82.3	1.4	24.6	52.7	26.3	3.2	R 219.9	R 527.7	R 21.2	R 1,036.1	1,565.3	R 2,601.4
1992	—	130.9	130.9	415.1	71.2	R 110.0	0.4	63.9	58.6	26.9	R 3.0	R 224.9	R 558.9	R 20.8	R 1,125.7	1,870.3	R 2,996.0
1993	—	139.5	139.5	R 459.9	77.3	R 99.9	1.1	27.4	61.8	33.4	R 5.3	R 194.6	R 500.6	R 20.5	R 1,120.5	1,958.8	R 3,079.3
1994	—	144.7	144.7	R 434.5	88.7	R 97.3	0.9	19.1	65.1	36.4	R 4.7	R 198.5	R 510.6	R 23.7	R 1,113.5	1,920.0	R 3,033.6
1995	—	134.7	134.7	R 400.2	94.3	R 105.1	1.0	20.7	65.0	40.9	R 2.6	R 204.9	R 534.5	R 33.0	R 1,102.4	1,968.1	R 3,070.5
1996	—	129.1	129.1	R 473.8	106.9	R 128.2	1.3	26.2	65.2	45.6	2.0	R 106.9	R 482.3	R 27.4	R 1,112.6	2,015.7	R 3,128.3
1997	—	R 131.2	R 131.2	R 554.9	105.3	R 136.5	1.3	27.5	61.7	47.2	R 1.2	R 104.2	R 484.8	R 26.5	R 1,197.3	1,028.4	R 2,225.7
1998	—	R 126.0	R 126.0	R 543.5	122.3	R 99.0	1.4	10.8	68.5	27.2	R 0.7	R 89.9	R 419.8	R 34.8	R 1,124.1	1,235.9	R 2,359.9
1999	—	116.3	116.3	R 515.0	112.0	R 77.9	1.4	30.0	60.8	26.3	R 0.2	R 108.4	R 417.1	R 42.8	R 1,091.2	1,285.2	R 2,376.4
2000	—	113.6	113.6	R 625.2	152.7	R 114.2	R 4.4	58.9	64.3	33.0	R 1.0	R 126.8	R 555.3	R 48.9	R 1,342.9	1,286.1	R 2,629.0
2001	—	136.5	136.5	771.4	163.9	111.8	4.0	53.6	62.2	53.0	1.8	108.5	558.7	76.0	1,542.6	1,256.3	2,798.9

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Tennessee

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.35	—	2.17	1.28	0.73	1.27	5.08	2.84	0.42	2.49	2.49	4.97	2.49
1975	1.17	—	3.45	3.02	2.03	2.39	7.48	4.58	1.67	4.19	4.19	8.27	4.19
1980	—	—	9.02	7.25	6.39	4.96	14.36	9.89	3.45	9.20	9.20	13.29	9.20
1985	—	—	9.99	6.73	5.83	R 9.44	17.61	8.85	—	8.29	8.29	17.05	8.29
1986	—	—	8.41	6.47	3.81	R 9.24	15.59	7.01	—	6.73	6.73	17.96	6.73
1987	—	—	7.55	6.75	4.01	R 9.33	13.58	7.44	1.92	7.08	7.08	19.96	7.08
1988	—	—	7.41	6.49	3.82	R 9.84	14.62	7.43	3.01	7.07	7.07	20.34	7.07
1989	—	—	8.28	6.96	4.34	R 9.37	14.48	8.25	2.37	7.77	7.77	19.95	7.77
1990	—	4.14	9.32	8.36	5.58	R 10.67	14.60	9.40	2.22	8.97	8.97	20.11	8.97
1991	—	3.98	8.71	7.84	4.82	R 9.51	16.80	9.00	1.71	R 8.58	R 8.58	20.13	R 8.58
1992	—	4.22	8.54	7.82	4.56	R 8.81	18.32	8.92	1.65	R 8.48	R 8.48	21.74	R 8.48
1993	—	4.47	8.24	7.80	4.19	R 10.08	18.96	8.78	1.58	8.27	8.27	23.20	8.27
1994	—	5.51	7.96	7.70	3.92	R 9.89	19.11	8.87	1.55	R 8.24	R 8.24	22.68	R 8.24
1995	—	4.93	8.36	7.63	3.93	R 10.27	19.41	9.06	1.91	R 8.33	R 8.33	22.17	R 8.33
1996	—	5.32	9.29	8.54	4.67	R 10.01	20.08	9.83	2.21	R 9.07	R 9.07	23.34	R 9.07
1997	—	5.42	9.39	8.25	4.39	R 9.44	17.98	9.65	R 2.76	R 8.85	8.84	23.09	8.84
1998	—	4.83	8.11	7.02	3.25	R 9.31	19.07	8.27	—	7.53	7.53	25.52	7.53
1999	—	4.95	8.81	7.71	3.96	R 11.72	16.75	8.88	—	R 8.09	R 8.09	25.52	R 8.09
2000	—	5.85	R 10.87	9.81	6.55	R 14.85	17.99	11.29	—	10.38	10.38	25.76	10.38
2001	—	7.55	11.01	9.12	5.58	16.14	19.00	10.65	3.48	9.69	9.69	25.88	9.69
	Expenditures in Million Nominal Dollars												
1970	(s)	—	1.3	53.6	13.6	0.5	15.1	615.7	(s)	699.8	699.9	(s)	699.9
1975	(s)	—	1.2	187.1	45.1	1.1	36.6	1,279.8	2.0	1,553.0	1,553.0	(s)	1,553.0
1980	—	—	13.2	557.1	149.8	1.1	58.9	2,827.3	0.1	3,607.6	3,607.6	(s)	3,607.6
1985	—	—	7.8	R 598.6	160.1	R 5.7	65.7	2,653.3	—	R 3,491.1	R 3,491.1	(s)	R 3,491.1
1986	—	—	8.5	R 635.4	127.8	R 6.8	56.9	2,185.7	—	R 3,021.0	R 3,021.0	(s)	R 3,021.0
1987	—	—	7.1	R 699.5	129.0	R 4.1	56.0	2,207.1	(s)	R 3,102.8	R 3,102.8	(s)	R 3,102.8
1988	—	—	6.8	R 704.4	91.3	R 5.3	58.1	2,271.8	0.2	R 3,138.0	R 3,138.0	(s)	R 3,138.0
1989	—	—	7.6	R 806.3	106.8	R 5.4	59.1	2,553.3	0.2	R 3,538.6	R 3,538.6	(s)	R 3,538.6
1990	—	(s)	8.2	R 966.5	131.7	R 4.9	61.3	2,811.1	0.1	R 3,983.7	R 3,983.7	(s)	R 3,983.7
1991	—	(s)	6.4	R 850.0	92.9	R 4.6	63.1	2,609.9	0.5	R 3,627.5	R 3,627.5	(s)	R 3,627.5
1992	—	R 0.2	14.8	R 836.9	115.3	R 3.8	70.1	2,703.0	0.5	R 3,744.4	R 3,744.7	(s)	R 3,744.7
1993	—	R 0.3	16.4	R 839.3	155.5	R 5.3	73.9	2,779.5	0.2	R 3,870.2	R 3,870.5	(s)	R 3,870.5
1994	—	R 0.4	15.8	R 818.0	172.3	R 8.6	77.9	2,877.7	(s)	R 3,970.2	R 3,970.6	0.1	R 3,970.7
1995	—	R 0.5	16.8	R 919.9	180.5	R 5.0	77.7	3,019.6	(s)	R 4,219.4	R 4,219.9	0.1	R 4,220.0
1996	—	R 0.7	10.8	R 1,067.4	246.9	R 4.8	78.0	3,278.4	(s)	R 4,686.4	R 4,687.1	0.1	R 4,687.2
1997	—	R 4.0	14.8	R 1,018.0	234.5	R 4.1	73.8	3,279.4	0.1	R 4,624.7	R 4,628.7	0.1	R 4,628.8
1998	—	R 0.2	5.6	R 917.3	181.7	0.1	81.9	2,880.4	—	R 4,067.0	R 4,067.2	0.2	R 4,067.4
1999	—	R 0.3	4.9	R 975.9	265.0	R 2.5	72.7	3,200.6	—	R 4,521.6	R 4,521.9	0.2	R 4,522.1
2000	—	R 0.4	R 6.8	R 1,330.4	477.3	R 4.0	77.0	4,016.1	—	R 5,911.5	R 5,911.9	0.2	R 5,912.1
2001	—	0.6	3.3	1,273.3	397.3	0.8	74.5	3,738.6	0.1	5,487.8	5,488.4	0.2	5,488.6

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Tennessee (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.23	0.25	—	—	—	—	—	—	—	—	0.23
1975	0.87	—	—	2.19	—	2.19	—	—	—	—	0.89
1980	1.56	2.33	—	6.39	—	6.39	0.38	—	—	—	1.57
1985	1.54	—	—	5.85	—	5.85	0.78	—	—	—	1.42
1986	1.42	—	—	3.37	—	3.37	—	—	—	—	1.43
1987	1.37	—	—	3.93	—	3.93	—	—	—	—	1.38
1988	1.34	2.39	—	3.51	—	3.51	0.83	—	—	—	1.31
1989	1.34	2.75	—	3.95	—	3.95	0.89	—	—	—	1.23
1990	1.34	2.75	—	5.61	—	5.61	0.84	—	—	—	1.24
1991	1.25	2.46	—	4.98	—	4.98	0.85	—	—	—	1.15
1992	1.27	2.43	—	4.80	—	4.80	0.94	0.51	—	—	1.20
1993	1.26	1.09	—	4.31	—	4.31	0.95	0.55	—	—	1.25
1994	1.26	1.17	—	4.15	—	4.15	1.00	0.56	—	—	1.22
1995	1.15	2.24	—	3.97	—	3.97	0.58	0.70	—	—	1.04
1996	1.15	2.57	—	4.85	—	4.85	0.47	0.59	—	—	0.95
1997	1.12	2.63	—	4.39	—	4.39	0.48	0.50	—	—	0.94
1998	1.12	2.24	—	3.05	—	3.05	0.65	0.61	—	—	0.99
1999	1.13	2.45	—	3.93	—	3.93	0.44	0.67	—	—	0.93
2000	1.11	3.96	—	6.35	—	6.35	0.43	0.67	—	—	0.96
2001	1.22	3.70	—	5.54	—	5.54	0.39	0.47	—	—	0.98
	Expenditures in Million Nominal Dollars										
1970	76.5	4.4	—	—	—	—	—	—	—	—	80.9
1975	359.6	—	—	16.7	—	16.7	—	—	—	—	376.4
1980	784.9	2.6	—	15.1	—	15.1	2.1	—	—	—	804.8
1985	757.7	—	—	8.1	—	8.1	79.6	—	—	—	845.5
1986	711.4	—	—	4.5	—	4.5	—	—	—	—	716.0
1987	677.8	—	—	5.1	—	5.1	—	—	—	—	682.9
1988	675.7	0.6	—	7.5	—	7.5	34.5	—	—	—	718.1
1989	619.5	0.1	—	8.2	—	8.2	147.3	—	—	—	775.0
1990	668.8	1.6	—	7.6	—	7.6	124.8	—	—	—	802.7
1991	585.4	0.5	—	7.9	—	7.9	147.5	—	—	—	741.4
1992	628.1	0.7	—	6.3	—	6.3	153.3	0.1	—	—	788.5
1993	736.1	1.7	—	10.4	—	10.4	33.0	0.1	—	—	781.3
1994	650.3	1.2	—	12.6	—	12.6	125.0	0.1	—	—	789.2
1995	657.1	4.7	—	10.5	—	10.5	95.5	0.2	—	—	768.0
1996	637.4	1.5	—	13.0	—	13.0	112.4	0.2	—	—	764.5
1997	660.2	4.4	—	9.6	—	9.6	123.1	0.2	—	—	797.4
1998	635.7	14.3	—	25.7	—	25.7	192.5	0.2	—	—	868.3
1999	637.2	14.7	—	23.9	—	23.9	126.4	0.2	—	—	802.3
2000	680.1	21.5	—	39.2	—	39.2	116.8	0.3	—	—	857.8
2001	722.0	9.5	—	28.7	—	28.7	117.7	0.2	—	—	878.2

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Texas

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	0.38	0.86	0.39	0.29	0.94	0.72	1.07	2.66	0.42	1.14	1.58	—	1.43	0.85	R 0.24	4.52	1.29
1975	1.60	0.46	0.61	0.89	2.35	2.01	2.49	4.36	1.61	2.87	3.08	—	1.60	1.94	0.73	6.81	2.82
1980	1.81	1.19	1.22	2.17	6.73	6.34	5.29	9.26	2.49	7.16	6.75	—	2.92	4.25	1.65	12.69	6.05
1985	1.93	1.59	1.60	3.38	R 6.36	5.67	4.59	8.79	4.00	7.31	R 6.58	—	R 2.59	R 4.61	2.44	18.58	R 7.07
1986	1.75	1.55	1.55	2.62	R 5.10	3.56	R 4.43	6.47	1.45	4.82	R 4.94	—	1.96	R 3.57	1.92	16.91	R 5.78
1987	—	1.54	1.54	2.38	R 5.87	3.85	3.88	7.19	2.59	5.23	5.23	—	2.12	R 3.61	1.80	16.32	R 5.77
1988	—	1.47	1.47	2.44	R 5.63	3.57	3.77	7.32	1.84	4.54	R 5.00	0.37	2.25	R 3.48	1.74	16.58	R 5.60
1989	—	R 1.44	R 1.44	R 2.50	R 6.21	4.16	2.84	7.92	2.43	5.28	R 5.12	0.42	R e 1.58	R e 3.48	R 1.75	16.79	e 5.64
1990	—	1.44	1.44	R 2.45	R 7.49	5.41	4.38	9.16	2.93	R 5.83	R 6.34	0.56	R 1.24	R 4.02	R 1.69	17.09	R 6.47
1991	—	1.49	1.49	R 2.28	R 7.09	4.64	4.46	9.09	2.97	R 5.42	R 6.08	0.49	R 1.36	R 3.83	R 1.63	17.91	R 6.33
1992	—	1.48	1.48	R 2.45	R 7.16	4.32	4.21	9.05	1.90	R 5.13	R 5.85	0.52	R 1.31	R 3.81	R 1.70	18.21	R 6.27
1993	—	1.42	1.42	R 2.78	R 7.12	4.01	4.04	8.90	1.88	R 4.85	R 5.78	0.69	R 1.25	R 3.87	R 1.83	18.93	R 6.47
1994	—	1.34	1.34	R 2.50	R 7.03	3.73	5.20	8.98	2.03	R 4.74	R 6.11	0.60	R 1.25	R 3.91	R 1.61	19.07	R 6.63
1995	—	1.33	1.33	R 2.23	R 6.94	3.74	5.08	9.28	R 1.98	R 5.12	R 6.17	0.56	R 1.34	R 3.80	R 1.47	18.12	R 6.44
1996	—	1.29	1.29	R 2.78	R 7.72	4.56	6.47	9.72	2.14	R 5.79	R 7.01	0.56	R 1.18	R 4.38	R 1.68	18.21	R 7.04
1997	—	1.26	1.26	R 3.05	R 7.43	4.24	5.77	9.52	R 2.91	R 5.32	R 6.52	0.54	R 1.10	R 4.31	R 1.73	18.23	R 6.89
1998	—	1.25	1.25	R 2.54	R 6.34	3.15	4.33	8.21	2.50	R 4.01	5.28	0.52	R 1.36	R 3.58	R 1.60	17.93	R 6.13
1999	—	1.21	1.21	R 2.73	R 6.89	3.70	5.08	8.88	1.83	R 5.06	R 6.04	R 0.50	R 1.53	R 3.99	R 1.68	17.85	R 6.69
2000	—	1.23	1.23	R 4.29	9.40	6.26	8.36	11.43	R 3.95	R 7.37	R 8.79	R 0.45	R 1.67	R 5.74	R 2.50	19.15	8.82
2001	—	1.33	1.33	4.61	8.90	5.47	7.08	10.66	4.44	6.22	7.93	0.41	1.76	5.50	2.57	21.85	8.80
	Expenditures in Million Nominal Dollars																
1970	11.6	0.2	11.9	804.9	176.6	97.4	611.9	1,976.0	36.0	442.8	3,340.7	—	17.1	R 4,174.3	R -267.2	1,421.0	5,328.1
1975	41.0	79.2	120.2	2,361.3	735.9	306.2	1,452.4	4,020.6	383.7	1,309.7	8,208.5	—	20.5	R 10,708.3	R -1,097.1	2,895.0	12,506.2
1980	47.9	844.6	892.5	6,838.0	2,823.7	1,098.5	3,670.4	8,805.7	969.9	6,421.5	23,789.7	—	70.4	R 31,583.5	R -3,569.0	7,434.5	35,449.0
1985	20.9	1,812.3	1,833.2	9,815.8	R 2,964.5	2,383.1	R 4,237.0	9,481.7	710.5	3,880.9	R 23,657.8	—	55.0	R 35,361.8	-5,652.8	13,119.7	R 42,828.7
1986	3.6	1,794.9	R 1,798.6	7,021.2	R 2,193.7	1,614.0	R 4,011.7	7,118.8	251.2	2,655.9	R 17,845.4	—	50.3	R 26,715.3	R -4,301.9	11,920.6	R 34,334.0
1987	—	1,850.8	1,850.8	6,513.9	R 2,401.6	1,839.5	R 3,858.8	7,753.1	351.5	2,779.3	R 18,983.7	—	R 58.8	R 27,406.6	R -4,035.9	11,645.3	R 35,016.1
1988	—	1,852.3	1,852.3	7,247.2	R 2,276.2	1,911.9	R 4,025.3	8,028.3	278.0	2,557.9	R 19,077.7	14.9	R 59.2	R 28,250.8	R -4,073.2	12,325.7	R 36,503.3
1989	—	R 1,924.4	R 1,924.4	R 8,054.0	R 2,670.1	2,189.7	R 3,190.8	8,462.4	R 434.0	R 2,772.0	R 19,719.0	44.0	R e 104.3	R e 29,844.9	R -4,529.0	12,782.0	R e 38,097.9
1990	—	R 1,918.3	R 1,918.3	R 7,587.3	R 2,963.2	2,931.6	R 4,636.0	9,887.8	R 499.0	R 3,665.8	R 24,583.4	94.0	R 61.0	R 34,242.7	R -4,439.5	13,430.7	R 43,234.0
1991	—	R 1,982.2	R 1,982.2	R 7,213.1	R 2,998.8	2,377.9	R 5,168.3	9,488.4	R 521.9	R 3,366.4	R 23,921.6	100.8	R 67.8	R 33,280.8	R -4,316.2	14,271.2	R 43,235.8
1992	—	R 1,960.7	R 1,960.7	R 7,599.8	R 3,178.5	2,198.6	R 5,074.4	9,541.4	R 359.9	R 3,336.8	R 23,689.7	133.3	R 73.2	R 33,446.1	R -4,507.4	14,457.4	R 43,396.1
1993	—	R 2,033.3	R 2,033.3	R 9,020.4	R 3,396.9	1,975.4	R 4,687.2	9,703.6	R 257.4	R 3,166.4	R 23,186.8	90.2	R 74.1	R 34,396.9	R -5,055.6	15,644.2	R 44,985.6
1994	—	R 1,868.5	R 1,868.5	R 7,981.4	R 3,413.4	1,760.3	R 6,767.1	10,272.7	R 269.2	R 3,108.8	R 25,591.5	180.3	R 75.4	R 35,689.5	R -4,600.3	16,149.9	R 47,239.1
1995	—	R 1,819.5	R 1,819.5	R 7,408.8	R 3,561.9	1,759.9	R 6,807.4	10,326.5	R 273.4	R 3,237.0	R 25,966.0	211.4	R 98.2	R 35,497.0	R -4,305.6	15,675.1	R 46,866.5
1996	—	R 1,919.6	R 1,919.6	R 9,816.9	R 4,351.3	2,583.6	R 9,217.2	11,476.1	R 265.5	R 4,018.5	R 31,912.2	211.9	R 91.4	R 43,944.0	R -5,098.9	16,872.0	R 55,717.1
1997	—	R 1,920.7	R 1,920.7	10773.5	R 4,241.0	2,541.5	R 9,354.7	11,162.7	R 391.6	R 4,172.4	R 31,864.0	R 213.1	R 91.6	R 44,863.5	R -5,384.4	17,385.6	R 56,864.8
1998	—	R 1,859.6	R 1,859.6	R 9,128.3	R 3,929.6	1,937.4	R 6,995.3	10,133.7	R 400.9	R 3,188.0	R 26,584.9	R 212.6	R 104.0	R 37,899.5	R -5,328.3	18,211.4	R 50,782.7
1999	—	1,853.5	1,853.5	R 9,475.6	R 4,203.2	2,202.8	R 8,168.2	11,246.6	R 208.9	R 3,758.4	R 29,788.1	R 191.4	R 93.4	R 41,405.1	R -5,611.0	17,975.8	R 53,769.9
2000	—	R 1,902.4	R 1,902.4	16609.6	R 6,121.2	3,645.4	12239.7	14,878.2	R 541.6	R 5,489.1	R 42,915.3	R 175.4	R 106.0	R 61,708.5	R -8,777.5	20,327.9	R 73,258.9
2001	—	1,992.7	1,992.7	17,440.8	6,188.1	3,497.8	9,986.9	14,244.8	480.7	4,322.2	38,720.5	163.3	90.6	58,407.9	-8,734.5	22,979.1	72,652.5

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Texas

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	0.90	0.90	0.98	1.29	1.71	1.70	0.71	1.05	6.31	2.47
1975	—	1.48	2.24	3.01	3.50	3.45	1.39	1.78	8.74	4.06
1980	2.54	3.31	6.51	8.35	7.39	7.43	3.57	3.68	14.92	8.39
1985	2.83	5.55	6.99	6.44	8.53	8.47	R 4.04	5.80	21.99	13.70
1986	2.78	5.09	4.57	4.31	8.08	R 8.03	R 3.24	5.32	20.18	12.92
1987	2.40	5.00	4.69	4.71	7.60	R 7.53	3.08	5.17	19.74	12.40
1988	2.12	5.16	4.41	4.25	7.88	R 7.81	R 3.12	5.30	20.16	12.87
1989	2.43	5.34	5.42	4.43	10.02	R 9.95	3.44	5.66	20.45	R 13.00
1990	2.41	5.55	4.32	6.44	10.39	10.36	3.53	5.93	21.12	14.01
1991	2.36	5.49	3.98	5.97	11.71	11.63	R 3.38	5.80	22.17	R 14.51
1992	2.43	R 5.50	5.46	5.28	10.07	10.02	R 3.09	R 5.67	22.69	14.75
1993	2.16	R 5.75	5.78	5.85	9.80	9.74	3.02	5.89	23.45	15.33
1994	2.25	5.75	5.47	4.36	9.91	9.85	2.93	5.91	23.68	15.85
1995	—	5.68	5.29	4.04	10.20	10.12	2.87	5.84	22.61	15.49
1996	—	5.68	7.28	4.56	11.66	11.48	3.29	5.82	22.76	15.54
1997	2.14	6.14	5.65	5.22	12.32	12.18	3.27	6.39	22.92	R 15.82
1998	2.10	5.87	4.53	3.06	11.16	11.08	2.84	R 6.19	22.42	R 16.27
1999	2.05	5.87	4.96	3.07	11.35	11.31	2.92	R 6.63	22.13	R 16.36
2000	2.13	7.17	8.53	7.64	15.45	R 15.42	4.38	R 8.44	23.33	R 17.69
2001	2.25	8.69	7.22	5.84	16.46	16.38	4.17	9.94	25.98	19.64
	Expenditures in Million Nominal Dollars									
1970	(s)	213.8	0.8	0.2	99.5	100.5	1.7	316.1	701.2	1,017.3
1975	—	353.8	3.5	0.7	148.5	152.7	4.1	510.5	1,219.6	1,730.1
1980	(s)	765.9	0.3	9.4	166.4	176.1	55.1	997.1	2,910.3	3,907.5
1985	0.1	1,226.8	R 1.1	4.1	223.3	R 228.5	R 36.9	R 1,492.3	5,381.8	R 6,874.1
1986	0.2	1,032.8	R 0.4	1.1	194.4	R 195.9	R 28.8	R 1,257.7	4,984.7	R 6,242.4
1987	R 0.4	1,097.7	R 1.4	1.6	195.9	R 198.9	35.7	R 1,332.7	5,009.0	R 6,341.7
1988	0.5	1,127.5	R 0.5	1.4	178.6	R 180.6	R 37.5	R 1,346.0	5,314.0	R 6,660.0
1989	R 0.2	1,277.0	R 0.3	1.2	241.2	R 242.7	42.9	R 1,562.8	5,556.0	R 7,118.8
1990	0.1	1,217.6	R (s)	1.0	231.1	232.1	20.6	1,470.4	5,947.4	7,417.7
1991	0.1	1,268.8	0.1	1.2	171.0	172.3	R 20.8	1,461.9	6,361.3	7,823.2
1992	0.1	1,240.9	0.1	0.7	125.9	126.6	R 20.0	1,387.5	6,342.7	7,730.2
1993	(s)	1,369.9	0.1	1.0	129.8	130.9	17.1	1,517.9	7,017.3	8,535.2
1994	(s)	1,278.5	0.2	0.5	130.6	131.3	16.3	1,426.0	7,254.7	8,680.7
1995	—	1,222.0	0.2	0.5	122.6	123.3	17.7	1,363.0	7,161.9	8,524.9
1996	—	1,350.7	(s)	1.0	97.4	98.4	20.3	R 1,469.3	7,739.9	9,209.2
1997	(s)	1,485.1	(s)	1.3	156.0	157.4	13.9	1,656.4	7,904.6	9,560.9
1998	0.1	1,228.6	(s)	0.5	183.6	184.2	10.9	1,423.8	8,448.2	R 9,872.0
1999	R (s)	1,071.3	0.1	0.5	373.2	R 373.9	12.0	1,457.2	8,201.2	9,658.4
2000	(s)	R 1,434.2	0.1	1.3	599.5	600.9	18.9	R 2,054.0	9,304.8	R 11,358.8
2001	0.1	1,855.2	(s)	1.9	726.7	728.7	15.3	2,599.3	10,399.3	12,998.6

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Texas

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.86	0.44	0.90	0.76	1.00	2.66	0.48	1.01	0.71	0.56	5.19	1.91
1975	—	1.02	2.14	2.23	2.42	4.36	1.87	2.37	1.39	1.41	7.59	3.92
1980	0.89	2.90	6.23	6.89	5.22	9.26	2.53	6.24	3.57	3.89	14.12	7.76
1985	1.60	4.70	6.13	6.44	4.48	8.79	3.87	R 6.42	4.04	R 5.16	20.06	R 12.42
1986	1.51	4.00	3.60	4.31	4.33	6.47	2.00	R 4.39	3.24	R 4.08	18.28	R 11.43
1987	1.27	4.09	4.09	4.71	3.78	7.19	2.67	R 4.72	3.08	R 4.23	17.45	R 10.82
1988	1.31	4.03	3.70	4.25	3.68	7.32	1.90	R 4.68	3.12	R 4.14	17.76	R 10.93
1989	1.27	3.95	4.23	4.43	2.68	7.92	2.33	R 5.20	3.39	4.15	17.92	R 11.08
1990	1.14	3.97	5.58	6.44	4.25	9.16	2.60	R 6.83	3.46	R 4.37	18.12	R 11.73
1991	1.24	3.86	4.87	5.97	4.37	9.09	1.95	R 6.08	3.33	R 4.12	19.11	R 12.13
1992	1.27	3.90	4.53	5.28	4.15	9.05	2.07	R 5.93	3.04	R 4.11	19.56	R 12.29
1993	1.16	4.33	4.40	5.85	3.97	8.90	—	R 4.60	2.94	4.34	20.23	R 13.36
1994	1.26	4.15	4.07	4.36	8.78	8.98	2.12	R 5.00	2.84	4.22	20.52	R 13.44
1995	—	3.92	4.16	4.04	9.19	9.28	2.46	R 4.96	2.81	4.00	19.38	R 12.24
1996	—	4.12	4.99	4.56	10.18	9.72	—	R 5.63	3.14	R 4.25	19.55	R 13.17
1997	1.29	4.77	4.76	5.22	10.40	9.52	—	R 5.72	3.16	4.83	19.61	R 12.92
1998	1.48	4.23	3.64	3.06	9.31	8.21	—	R 4.56	2.70	R 4.26	19.18	R 13.34
1999	1.48	4.26	4.31	3.07	9.63	8.88	—	R 5.76	2.70	4.43	19.05	R 13.37
2000	1.26	R 5.49	6.89	7.64	12.76	11.43	—	R 7.97	4.05	R 5.91	20.11	R 14.26
2001	1.37	6.34	6.06	5.84	13.59	10.66	3.08	8.12	3.75	6.58	22.51	16.50
	Expenditures in Million Nominal Dollars											
1970	(s)	66.3	4.4	15.6	10.3	9.7	0.2	40.1	(s)	106.5	405.2	511.7
1975	—	122.6	20.8	53.1	18.1	15.7	7.9	115.7	0.1	238.3	877.2	1,115.5
1980	(s)	504.3	103.1	126.9	20.7	160.5	40.9	452.2	1.3	957.8	2,122.5	3,080.3
1985	0.2	741.3	R 242.2	9.1	20.7	90.2	6.1	R 368.3	1.0	R 1,110.8	4,116.0	R 5,226.8
1986	0.4	613.0	R 84.0	4.3	18.4	70.9	3.1	R 180.7	0.9	R 795.0	3,827.0	R 4,622.0
1987	0.7	666.7	R 122.1	2.2	17.2	86.7	9.0	R 237.2	1.2	R 905.8	3,719.8	R 4,625.6
1988	R 1.1	734.8	R 76.4	1.0	14.7	93.9	6.5	R 192.5	1.4	R 929.8	3,970.0	R 4,899.7
1989	0.3	750.8	R 67.9	10.2	11.4	97.0	R 4.3	R 190.9	1.6	R 943.6	4,123.0	R 5,066.6
1990	R 0.2	713.5	R 72.4	0.9	16.7	110.4	1.2	R 201.5	1.3	R 916.5	4,376.7	R 5,293.2
1991	0.3	725.7	R 63.1	0.4	11.3	77.5	2.7	R 154.9	1.3	R 882.2	4,704.4	R 5,586.6
1992	0.2	755.3	R 61.7	2.0	9.2	68.8	0.2	R 141.8	1.3	R 898.7	4,810.1	R 5,708.8
1993	0.1	783.1	R 50.1	0.8	9.3	7.4	—	R 67.7	1.4	R 852.3	5,209.8	R 6,062.1
1994	(s)	780.4	R 52.5	0.7	20.4	7.5	(s)	R 81.2	1.4	R 863.0	5,464.6	R 6,327.6
1995	—	857.2	R 64.7	1.1	19.5	7.9	(s)	R 93.2	1.4	R 951.7	5,314.4	R 6,266.1
1996	—	762.4	R 77.8	1.0	15.0	8.3	—	R 102.1	1.7	R 866.2	5,568.6	R 6,434.8
1997	(s)	1,062.2	R 66.8	1.1	23.3	8.1	—	R 99.3	1.6	R 1,163.0	5,699.2	R 6,862.2
1998	0.5	753.1	R 65.1	0.9	27.0	7.0	—	R 100.1	1.3	R 854.9	5,990.1	R 6,845.1
1999	R 0.2	759.0	R 72.0	1.0	55.8	7.6	—	R 136.4	1.5	R 897.1	6,076.7	R 6,973.9
2000	0.2	R 1,079.9	R 227.0	2.1	87.3	9.9	—	R 326.3	2.3	R 1,408.7	6,844.4	R 8,253.1
2001	0.4	1,153.4	128.0	2.8	105.9	9.8	0.2	246.7	1.7	1,402.1	7,907.6	9,309.8

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Texas

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	0.38	0.86	0.38	0.20	0.74	0.66	0.76	1.00	5.08	2.66	0.37	0.87	0.99	1.74	0.54	2.51	0.64
1975	1.60	1.01	1.20	0.92	1.77	2.02	2.23	2.42	7.48	4.36	1.51	2.76	2.48	1.74	1.75	4.70	1.97
1980	1.81	0.89	1.28	2.24	3.79	6.09	6.89	5.22	14.36	9.26	3.69	7.19	6.12	1.68	4.40	9.99	4.81
1985	1.93	1.60	1.64	3.07	4.20	6.10	6.49	4.48	17.61	8.79	3.87	7.13	R 5.49	1.68	R 4.31	14.15	R 5.10
1986	1.75	1.51	1.51	2.36	4.58	3.68	4.34	4.33	15.59	6.47	2.00	4.07	R 4.38	1.47	3.45	12.51	4.18
1987	—	1.27	1.27	1.98	3.35	4.34	4.50	3.78	13.58	7.19	2.67	4.92	R 4.25	1.47	R 3.20	11.82	R 3.86
1988	—	1.31	1.31	2.11	3.21	3.88	4.03	3.68	14.62	7.32	1.90	4.07	3.93	1.47	R 3.05	11.87	3.69
1989	—	1.27	R 1.27	R 2.16	2.84	4.60	4.89	2.68	14.48	7.92	2.33	R 4.93	R 3.56	R d 1.16	R d 2.83	11.96	R d 3.47
1990	—	1.14	1.14	2.09	2.94	5.91	6.07	4.25	14.60	9.16	2.60	R 5.75	R 4.88	R 0.96	R 3.52	11.82	R 4.11
1991	—	1.24	1.24	1.86	3.33	5.14	5.30	4.37	16.80	9.09	1.95	R 5.01	R 4.74	R 1.11	R 3.36	12.15	R 3.97
1992	—	1.27	1.27	2.02	2.33	4.90	4.88	4.15	18.32	9.05	2.07	R 4.77	R 4.48	R 1.11	R 3.33	12.31	R 3.95
1993	—	1.16	1.16	2.44	3.14	4.77	4.38	3.97	18.96	8.90	1.94	R 4.40	R 4.29	R 1.09	3.37	12.67	R 4.02
1994	—	1.26	1.26	2.11	2.94	4.50	4.34	5.14	19.11	8.98	2.12	R 4.21	R 4.95	R 1.12	R 3.63	12.52	R 4.23
1995	—	1.25	1.25	1.81	3.18	4.48	4.20	5.02	19.41	9.28	2.46	R 4.63	R 5.00	R 1.19	R 3.51	11.68	R 4.05
1996	—	1.24	1.24	2.49	3.32	5.40	5.34	6.43	20.08	9.72	2.84	R 5.48	6.15	R 0.99	4.37	11.81	4.86
1997	—	1.29	1.29	R 2.72	3.49	5.13	4.49	5.71	17.98	9.52	2.66	R 4.96	R 5.55	R 0.98	R 4.26	11.88	R 4.76
1998	—	1.48	1.48	R 2.22	3.54	3.98	3.45	4.25	19.07	8.21	1.86	R 3.36	R 4.14	R 1.28	3.30	11.55	R 3.87
1999	—	1.48	1.48	R 2.47	3.74	4.57	4.55	4.93	16.75	8.88	2.57	R 4.63	R 4.93	1.43	R 3.87	11.65	R 4.42
2000	—	1.26	1.26	3.97	3.82	7.16	7.00	8.14	17.99	11.43	3.63	R 7.27	R 7.85	1.46	5.95	12.96	R 6.45
2001	—	1.37	1.37	4.31	3.80	6.62	5.48	6.72	19.00	10.66	3.08	5.94	6.56	1.57	5.41	15.57	6.09
	Expenditures in Million Nominal Dollars																
1970	11.6	0.2	11.8	258.3	58.0	33.9	16.7	481.0	79.6	19.7	4.5	200.8	894.2	14.7	1,179.0	314.5	1,493.5
1975	41.0	52.3	93.3	834.9	95.7	168.1	37.5	1,241.2	117.3	22.8	99.0	903.7	2,685.3	15.5	3,629.0	798.2	4,427.2
1980	47.9	32.9	80.9	2,840.6	274.5	701.9	464.9	3,470.9	298.7	22.9	300.1	5,023.3	10,557.2	12.5	13,491.1	2,401.7	15,892.8
1985	20.9	118.0	138.8	3,940.8	329.2	R 685.9	15.2	3,982.6	333.4	217.1	133.2	2,937.9	R 8,634.5	14.7	R 12,728.8	3,621.9	R 16,350.7
1986	3.6	105.7	109.3	2,775.0	414.4	R 435.9	11.2	3,786.3	288.6	154.3	16.7	1,710.2	R 6,817.7	19.6	R 9,721.6	3,108.9	R 12,830.5
1987	—	78.4	78.4	2,507.9	279.8	R 414.7	11.3	3,638.8	284.2	159.5	16.8	1,998.2	R 6,803.3	19.6	R 9,409.2	2,916.5	R 12,325.7
1988	—	68.3	68.3	3,131.1	307.9	R 396.4	3.1	3,825.2	295.0	158.6	9.3	1,747.6	R 6,743.0	20.3	R 9,962.8	3,041.7	R 13,004.5
1989	—	78.9	R 78.9	3,476.9	182.7	R 475.9	6.9	2,933.4	299.8	187.8	5.0	R 2,070.0	R 6,161.5	R d 59.1	R d 9,776.4	3,103.0	R d 12,879.4
1990	—	69.8	69.8	3,188.7	273.0	R 604.6	5.1	4,380.3	311.0	208.7	R 14.9	R 2,862.3	R 8,659.9	R 37.9	R 11,956.3	3,106.7	R 15,063.0
1991	—	78.1	78.1	2,915.7	206.8	R 521.4	1.4	4,980.0	320.1	220.4	7.2	R 2,629.5	R 8,886.8	R 44.5	R 11,925.1	3,205.5	R 15,130.7
1992	—	76.7	76.7	3,112.5	182.3	R 494.5	2.3	4,934.4	355.9	206.3	R 4.6	R 2,561.8	R 8,742.0	R 50.7	R 11,981.9	3,304.6	R 15,286.6
1993	—	82.1	82.1	R 3,873.3	264.9	R 517.8	2.4	4,542.7	375.1	160.8	R 19.8	R 2,270.0	R 8,153.6	R 54.4	R 12,163.4	3,417.2	R 15,580.6
1994	—	104.6	104.6	R 3,301.4	213.7	R 435.0	2.4	6,595.4	395.2	176.1	R 24.5	R 2,238.1	R 10,080.5	R 56.5	R 13,542.9	3,430.6	R 16,973.5
1995	—	79.8	79.8	R 2,991.1	248.7	R 520.3	3.1	6,654.1	394.6	190.8	R 28.2	R 2,331.0	R 10,370.7	R 78.9	R 13,520.6	3,198.8	R 16,719.4
1996	—	91.3	91.3	R 4,669.2	263.7	R 727.9	4.9	9,094.7	396.1	204.8	R 27.6	R 3,092.3	R 13,812.0	R 69.1	R 18,641.6	3,563.0	R 22,204.6
1997	—	R 96.0	R 96.0	R 4,908.2	243.1	R 652.5	7.2	9,166.2	374.6	210.2	R 19.3	R 3,286.4	R 13,959.4	R 75.8	R 19,039.4	3,780.7	R 22,820.1
1998	—	R 93.1	R 93.1	R 3,827.0	262.8	R 550.2	6.8	6,760.3	415.9	212.3	R 10.0	R 2,237.0	R 10,455.3	R 91.3	R 14,466.7	3,771.8	R 18,238.5
1999	—	92.4	92.4	R 4,013.2	209.6	R 570.6	3.5	7,725.0	369.1	115.8	R 10.2	R 2,926.2	R 11,930.0	R 79.4	R 16,115.0	3,696.6	R 19,811.7
2000	—	92.3	92.3	R 7,398.4	201.8	R 880.8	R 9.7	11,541.5	390.6	153.4	R 9.2	R 4,625.6	R 17,812.6	R 84.2	R 25,387.5	4,176.7	R 29,564.3
2001	—	104.2	104.2	7,893.8	295.6	803.3	14.3	9,122.2	378.0	257.2	10.1	3,373.9	14,254.6	73.1	22,325.7	4,669.6	26,995.3

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Texas

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.86	—	2.17	1.05	0.72	1.00	5.08	2.66	0.42	2.07	2.07	—	2.07
1975	1.01	—	3.45	2.49	2.01	2.42	7.48	4.36	1.63	3.54	3.54	—	3.54
1980	—	—	9.02	7.09	6.34	5.22	14.36	9.26	2.15	7.42	7.42	—	7.42
1985	—	—	9.99	6.50	5.67	R 4.73	17.61	8.79	4.03	R 7.45	R 7.45	—	R 7.45
1986	—	—	8.41	5.84	3.56	R 4.57	15.59	6.47	1.42	5.36	5.36	—	5.36
1987	—	—	7.55	6.60	3.85	R 4.13	13.58	7.19	2.57	R 6.03	R 6.03	—	R 6.03
1988	—	—	7.41	6.44	3.57	R 3.99	14.62	7.32	1.83	5.88	5.88	—	5.88
1989	—	—	8.28	6.97	4.16	R 2.91	14.48	7.92	2.41	R 6.40	R 6.40	—	R 6.40
1990	—	R 2.96	9.32	8.20	5.41	R 4.60	14.60	9.16	2.94	7.57	7.57	—	7.57
1991	—	5.28	8.71	7.84	4.64	R 4.78	16.80	9.09	3.00	R 7.29	R 7.29	—	R 7.29
1992	—	R 4.31	8.54	7.99	4.32	R 4.49	18.32	9.05	1.90	R 7.11	R 7.11	—	R 7.11
1993	—	4.89	8.24	7.94	4.01	R 4.30	18.96	8.90	1.87	R 7.19	R 7.19	19.56	R 7.19
1994	—	3.27	7.96	7.87	3.73	R 9.25	19.11	8.98	2.02	R 7.26	R 7.26	—	R 7.26
1995	—	2.76	8.36	7.84	3.74	R 9.57	19.41	9.28	1.94	7.37	7.37	—	7.37
1996	—	3.22	9.29	8.62	4.56	R 10.19	20.08	9.72	2.08	R 7.90	R 7.90	18.87	R 7.90
1997	—	3.08	9.39	8.21	4.24	R 10.31	17.98	9.52	R 2.93	R 7.60	R 7.60	18.92	R 7.60
1998	—	1.69	8.11	7.17	3.15	R 9.15	19.07	8.21	2.52	R 6.44	R 6.44	18.75	R 6.44
1999	—	3.06	8.81	7.64	3.70	R 10.63	16.75	8.88	R 1.81	R 7.10	R 7.10	18.65	R 7.10
2000	—	3.84	R 10.87	10.22	6.26	R 13.62	17.99	11.43	R 3.96	R 9.63	R 9.63	19.84	R 9.63
2001	—	7.76	11.01	9.60	5.47	15.12	19.00	10.66	4.47	8.96	8.96	21.93	8.96
	Expenditures in Million Nominal Dollars												
1970	(s)	—	22.0	137.5	97.4	21.1	50.0	1,946.6	30.9	2,305.5	2,305.6	—	2,305.6
1975	(s)	—	22.8	542.6	306.2	44.6	78.9	3,982.0	256.2	5,233.3	5,233.3	—	5,233.3
1980	—	—	57.5	1,993.2	1,098.5	12.4	166.3	8,622.3	618.1	12,568.4	12,568.4	—	12,568.4
1985	—	—	66.4	R 2,010.2	2,383.1	R 10.4	185.6	9,174.4	547.0	R 14,377.1	R 14,377.1	—	R 14,377.1
1986	—	—	65.4	R 1,665.0	1,614.0	R 12.7	160.6	6,893.6	227.7	R 10,639.1	R 10,639.1	—	R 10,639.1
1987	—	—	43.8	R 1,852.0	1,839.5	R 6.8	158.2	7,506.9	315.8	R 11,723.1	R 11,723.1	—	R 11,723.1
1988	—	—	37.9	R 1,789.8	1,911.9	R 6.8	164.2	7,775.8	252.7	R 11,939.0	R 11,939.0	—	R 11,939.0
1989	—	—	34.3	R 2,068.6	2,189.7	R 4.9	166.9	8,177.5	R 391.3	R 13,033.1	R 13,033.1	—	R 13,033.1
1990	—	(s)	39.4	R 2,261.9	2,931.6	R 8.0	173.1	9,568.7	R 477.3	R 15,460.0	R 15,460.1	—	R 15,460.1
1991	—	(s)	28.8	R 2,404.2	2,377.9	R 6.0	178.2	9,190.5	R 509.8	R 14,695.4	R 14,695.4	—	R 14,695.4
1992	—	R 0.8	33.8	R 2,615.2	2,198.6	R 5.0	198.1	9,266.4	R 352.7	R 14,669.7	R 14,670.5	—	R 14,670.5
1993	—	R 1.1	28.8	R 2,819.5	1,975.4	R 5.4	208.8	9,535.3	R 233.3	R 14,806.6	R 14,807.7	(s)	R 14,807.7
1994	—	R 0.8	31.1	R 2,895.3	1,760.3	R 20.6	220.0	10,089.0	R 240.2	R 15,256.6	R 15,257.4	—	R 15,257.4
1995	—	R 1.0	27.2	R 2,965.1	1,759.9	R 11.2	219.6	10,127.7	R 244.4	R 15,355.2	R 15,356.1	—	R 15,356.1
1996	—	R 1.5	29.3	R 3,526.3	2,583.6	R 10.1	220.5	11,263.0	R 233.6	R 17,866.5	R 17,867.9	0.5	R 17,868.4
1997	—	R 0.8	31.2	R 3,512.9	2,541.5	R 9.2	208.5	10,944.4	R 371.9	R 17,619.6	R 17,620.4	1.2	R 17,621.6
1998	—	R 1.4	22.7	R 3,303.4	1,937.4	R 24.3	231.5	9,914.4	R 390.7	R 15,824.4	R 15,825.8	1.3	R 15,827.1
1999	—	R 3.0	35.4	R 3,542.2	2,202.8	R 14.0	205.4	11,123.3	R 198.6	R 17,321.8	R 17,324.8	1.2	R 17,326.0
2000	—	R 4.2	R 33.4	R 4,931.7	3,645.4	R 11.5	217.4	14,714.8	R 522.4	R 24,076.5	R 24,080.7	2.1	R 24,082.8
2001	—	9.6	26.0	5,140.9	3,497.8	32.0	210.4	13,977.8	451.7	23,336.6	23,346.3	2.5	23,348.8

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Texas (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	—	0.24	0.47	0.63	—	0.51	—	0.65	1.31	0.99	0.24
1975	0.23	0.76	1.89	2.03	—	1.89	—	0.92	2.65	2.02	0.73
1980	1.21	1.84	2.59	3.83	—	3.35	—	1.74	—	3.59	1.65
1985	1.59	3.15	4.36	5.57	—	4.90	—	0.79	6.36	4.84	2.44
1986	1.55	2.27	1.55	3.03	—	2.35	—	0.32	—	4.80	1.92
1987	1.55	2.06	2.76	3.87	—	3.26	—	0.95	6.11	4.65	1.80
1988	1.47	2.09	2.08	3.43	—	2.69	0.37	—	—	4.58	1.74
1989	1.45	2.15	2.74	4.20	—	3.51	0.42	0.35	6.05	4.60	1.75
1990	1.45	2.10	3.50	5.78	—	5.15	0.56	0.35	5.84	5.66	1.69
1991	1.50	1.97	3.47	4.91	—	4.56	0.49	0.35	4.60	3.06	1.63
1992	1.49	2.20	2.16	4.11	—	3.35	0.52	0.35	—	3.19	1.70
1993	1.44	2.41	2.07	3.85	0.84	1.29	0.69	0.35	4.01	2.89	1.83
1994	1.35	2.15	2.10	3.78	0.50	1.73	0.60	0.35	4.09	2.27	1.61
1995	1.34	1.89	1.90	3.74	0.76	1.29	0.56	0.70	—	2.18	1.47
1996	1.30	2.46	2.04	4.73	0.64	1.55	0.56	0.59	3.82	2.31	1.68
1997	1.26	2.63	2.87	4.54	1.28	1.67	0.54	0.50	3.77	1.62	1.73
1998	1.24	2.25	2.70	3.67	0.65	1.15	0.52	0.61	4.01	3.02	1.60
1999	1.20	2.46	1.67	3.96	0.52	1.35	0.50	0.67	4.92	4.16	1.68
2000	1.23	4.16	3.99	6.53	0.42	3.08	0.45	0.67	3.04	3.52	2.50
2001	1.33	4.21	4.83	6.80	1.57	4.63	0.41	0.47	3.29	3.82	2.57
	Expenditures in Million Nominal Dollars										
1970	—	266.5	0.3	0.2	—	0.5	—	0.7	0.2	0.5	267.2
1975	26.9	1,050.0	20.6	0.9	—	21.5	—	0.9	0.6	2.8	1,097.1
1980	811.7	2,727.1	10.7	25.1	—	35.9	—	1.4	—	7.1	3,569.0
1985	1,694.0	3,907.0	24.2	25.1	—	49.3	—	2.5	0.1	0.2	5,652.8
1986	1,688.7	2,600.4	3.6	8.3	—	12.0	—	1.0	—	0.2	4,301.9
1987	1,771.4	2,241.5	9.9	11.4	—	21.3	—	2.3	(s)	0.6	4,035.9
1988	1,782.4	2,253.8	9.6	13.1	—	22.6	14.9	—	—	0.5	4,073.2
1989	1,845.1	2,549.3	33.4	57.4	—	90.8	44.0	0.7	(s)	0.9	4,529.0
1990	1,848.1	2,467.6	5.6	24.3	—	29.9	94.0	1.2	(s)	1.2	4,439.5
1991	1,903.7	2,303.0	2.3	10.0	—	12.3	100.8	1.1	(s)	4.7	4,316.2
1992	1,883.7	2,490.3	2.4	7.1	—	9.5	133.3	1.2	—	10.5	4,507.4
1993	1,951.1	2,992.9	4.3	9.3	14.5	28.1	90.2	1.2	(s)	7.9	5,055.6
1994	1,763.9	2,620.3	4.5	30.5	7.0	42.1	180.3	1.2	(s)	7.5	4,600.3
1995	1,739.6	2,337.5	0.7	11.6	11.3	23.7	211.4	0.3	—	6.9	4,305.6
1996	1,828.3	3,033.1	4.3	19.2	9.8	33.3	211.9	0.3	0.1	8.1	5,098.9
1997	1,824.7	3,317.2	0.4	8.8	19.0	28.3	213.1	0.4	6.8	6.1	5,384.4
1998	1,766.0	3,318.2	0.2	10.9	9.9	21.0	212.6	0.4	10.1	(s)	5,328.3
1999	1,760.9	3,629.1	0.1	18.4	7.6	26.1	191.4	0.5	3.4	0.3	5,611.0
2000	1,809.8	6,692.9	10.1	81.7	7.2	99.0	175.4	0.6	(s)	0.2	8,777.5
2001	1,888.1	6,528.8	18.7	115.8	19.3	153.8	163.3	0.4	(s)	(s)	8,734.5

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Utah

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	0.43	0.29	0.39	0.57	1.09	0.76	2.12	2.75	0.39	1.14	1.69	—	1.28	1.03	0.25	5.31	1.31
1975	1.38	0.55	0.92	1.07	2.61	2.12	4.37	4.52	1.71	2.57	3.31	—	1.62	2.04	0.51	7.06	2.60
1980	1.97	1.15	1.34	2.33	6.54	6.59	5.68	9.80	3.70	5.52	7.58	—	2.81	4.06	1.20	13.11	5.80
1985	1.93	1.38	1.47	4.01	R 6.68	6.25	R 8.94	9.09	3.86	6.67	R 7.98	—	3.22	4.28	1.39	19.05	R 7.25
1986	1.75	1.41	1.45	4.41	R 5.65	4.05	R 7.05	6.78	2.36	6.26	R 6.10	—	R 2.68	3.81	1.42	19.56	R 6.98
1987	—	1.25	1.25	4.16	R 6.03	4.19	R 6.91	7.44	2.16	5.01	R 6.42	—	2.34	R 3.41	1.27	19.15	R 7.39
1988	2.02	1.26	1.33	3.94	R 6.11	3.95	R 7.03	7.71	1.98	5.66	R 6.62	—	R 2.36	3.28	1.27	18.41	R 6.82
1989	1.92	1.24	1.30	3.99	R 6.79	4.60	R 8.91	8.24	1.67	4.53	7.07	—	R e 2.90	R e 3.34	1.25	17.10	e 6.82
1990	1.84	1.18	1.24	4.17	R 8.02	5.75	R 8.97	9.09	2.67	4.94	R 7.96	—	R 4.59	R 3.53	R 1.19	16.09	R 7.15
1991	1.99	1.20	1.27	4.21	R 7.46	5.13	R 9.46	8.81	2.31	4.53	R 7.39	—	R 4.40	R 3.59	1.21	16.09	R 6.95
1992	2.00	1.21	1.27	R 4.18	R 7.37	4.96	R 9.74	8.95	1.78	5.39	R 7.65	—	R 4.05	R 3.55	1.22	15.61	R 7.16
1993	1.95	R 1.19	R 1.24	3.99	R 7.28	4.91	R 9.52	8.76	1.96	5.27	R 7.53	—	R 3.95	R 3.49	1.21	15.69	R 6.95
1994	1.90	R 1.14	R 1.19	3.64	R 7.14	4.56	R 8.08	8.97	1.94	5.19	R 7.55	—	R 3.83	R 3.39	1.17	15.78	R 6.97
1995	1.97	1.08	R 1.14	3.37	R 7.58	4.84	R 7.74	9.24	1.86	5.15	R 7.82	—	R 3.75	R 3.57	1.13	15.63	R 7.00
1996	1.94	R 1.06	1.13	R 3.29	R 8.58	6.07	R 9.33	10.09	1.66	5.36	R 8.69	—	R 4.19	R 3.90	1.09	15.57	R 7.55
1997	R 1.89	R 1.10	R 1.16	3.83	R 8.46	5.70	R 8.79	10.51	2.25	5.53	R 8.86	—	R 4.17	R 4.02	1.13	15.25	R 7.64
1998	R 1.80	R 1.12	R 1.17	4.16	R 7.19	4.39	7.66	9.07	1.99	R 5.37	R 7.57	—	R 3.64	R 3.66	1.17	15.22	R 6.98
1999	R 1.74	R 1.03	R 1.07	4.04	R 7.90	4.74	R 8.71	10.13	1.93	R 4.80	R 8.24	—	R 2.41	R 3.87	1.06	14.32	R 7.48
2000	R 1.66	1.02	1.06	4.88	R 10.31	7.38	R 14.13	12.29	2.67	R 5.02	R 10.50	—	R 3.47	R 4.74	1.11	14.27	R 8.70
2001	1.73	1.13	1.17	6.45	9.43	6.61	14.01	11.63	2.87	6.11	10.03	—	3.08	4.90	1.29	15.36	9.16
	Expenditures in Million Nominal Dollars																
1970	22.7	7.6	30.4	61.5	32.4	7.6	6.7	177.5	10.3	17.2	251.7	—	0.6	344.2	-6.4	92.0	429.8
1975	71.7	35.2	106.9	113.6	137.5	22.4	15.4	357.3	43.5	31.2	607.3	—	1.0	828.8	-26.2	186.9	989.5
1980	77.9	147.7	225.6	255.6	319.7	96.4	23.8	799.6	74.8	76.9	1,391.3	—	2.1	1,874.6	-141.2	469.3	2,202.7
1985	64.8	R 228.5	R 293.3	439.9	R 222.3	133.0	R 44.6	775.5	1.7	93.2	R 1,270.3	—	3.2	R 2,006.7	-208.0	830.7	R 2,629.4
1986	36.9	R 236.7	R 273.6	365.0	R 229.6	98.4	R 37.1	624.7	0.7	68.2	R 1,058.7	—	2.8	R 1,700.1	-222.5	852.9	R 2,330.5
1987	—	R 341.4	R 341.4	348.4	R 228.6	116.8	R 38.7	688.7	1.5	60.0	R 1,134.4	—	1.7	R 1,826.7	R -331.8	861.6	R 2,356.4
1988	63.8	R 386.4	R 450.2	376.3	R 251.2	110.4	R 34.2	734.8	0.6	54.1	R 1,185.2	—	1.8	R 2,013.5	-367.6	895.9	R 2,541.8
1989	60.6	R 395.2	R 455.9	406.0	R 233.8	131.7	R 43.2	749.6	R 0.1	61.2	R 1,219.6	—	e 1.6	R e 2,083.1	R -372.9	853.9	R e 2,564.1
1990	60.8	R 393.2	R 454.0	R 419.6	R 334.6	171.0	R 33.5	798.8	R 2.0	57.3	R 1,397.2	—	R 6.4	R 2,277.1	R -371.4	831.0	R 2,736.7
1991	63.5	R 374.5	R 438.0	R 512.7	R 305.8	170.3	R 24.6	805.1	0.3	97.5	R 1,403.5	—	6.5	R 2,360.8	R -361.8	857.9	R 2,856.8
1992	59.8	R 402.5	R 462.3	R 475.3	R 312.6	156.3	R 23.4	842.2	R 0.3	71.8	R 1,406.7	—	R 6.2	R 2,350.6	R -395.9	867.8	R 2,822.5
1993	52.6	R 408.9	R 461.4	R 513.2	R 314.7	152.6	R 26.1	866.9	R 1.3	73.6	R 1,435.1	—	R 5.9	R 2,415.7	R -402.1	887.1	R 2,900.7
1994	51.2	R 402.9	R 454.2	R 458.0	R 318.5	135.2	R 22.5	911.7	1.4	75.3	R 1,464.5	—	5.7	R 2,382.3	R -400.5	944.5	R 2,926.3
1995	52.2	R 361.3	R 413.5	R 439.5	R 373.8	154.3	R 42.5	1,000.6	R 0.7	86.1	R 1,658.0	—	R 6.1	R 2,517.2	R -362.9	967.5	R 3,121.7
1996	54.4	R 352.3	R 406.7	R 430.3	R 437.0	216.6	R 87.8	1,114.1	0.1	95.8	R 1,951.5	—	R 7.1	R 2,795.6	R -349.8	1,036.5	R 3,482.3
1997	R 51.8	R 381.9	R 433.7	R 529.4	R 491.8	202.7	23.7	1,206.4	0.2	86.1	R 2,010.9	—	R 7.5	R 2,981.9	R -376.1	1,042.2	R 3,648.0
1998	R 48.0	R 414.3	R 462.3	R 590.4	R 435.7	158.7	11.5	1,075.2	R 0.1	R 100.1	R 1,781.3	—	R 6.0	R 2,840.0	R -400.9	1,056.9	R 3,496.0
1999	35.4	R 373.8	R 409.2	R 549.1	R 450.5	200.1	R 31.4	1,221.7	0.1	R 87.6	R 1,991.4	—	R 7.5	R 2,957.3	R -374.1	1,051.9	R 3,635.0
2000	R 44.9	R 383.0	R 427.9	R 682.6	R 638.1	322.1	R 91.3	1,530.5	R 0.3	R 89.0	R 2,671.3	—	R 11.1	R 3,792.9	R -399.4	1,110.6	R 4,504.2
2001	41.5	412.9	454.4	888.6	617.3	258.0	100.3	1,393.5	0.3	72.7	2,442.2	—	8.8	3,794.1	-458.9	1,197.8	4,533.0

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Utah

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	0.76	0.91	1.28	2.62	2.31	2.06	0.72	0.99	6.69	1.61
1975	1.33	1.28	2.84	5.16	5.77	4.31	1.43	1.49	8.84	2.37
1980	3.02	2.51	6.89	—	8.68	8.08	3.66	2.69	16.92	4.65
1985	3.46	4.52	7.25	8.67	9.25	R 8.95	4.14	R 4.67	22.80	R 7.70
1986	3.42	4.89	4.04	4.69	6.93	R 6.48	3.32	R 4.92	23.27	R 8.36
1987	2.62	4.60	3.73	4.71	7.34	R 6.65	3.16	4.69	23.28	8.74
1988	2.63	4.73	3.86	4.40	7.49	R 6.62	R 3.20	4.79	22.88	8.78
1989	3.01	4.73	5.43	4.60	12.23	R 9.67	3.53	4.94	21.68	R 8.46
1990	3.02	4.85	7.20	5.98	9.19	8.48	4.75	4.97	20.90	8.44
1991	3.06	5.07	6.86	7.32	9.59	R 8.66	R 4.55	R 5.15	20.86	R 8.36
1992	2.80	R 5.04	7.08	6.88	10.06	R 9.11	R 4.16	R 5.12	20.43	R 8.59
1993	2.47	R 4.74	4.12	6.98	10.06	R 7.04	4.06	4.77	20.08	8.04
1994	2.28	4.64	4.32	5.95	9.93	R 7.18	3.94	4.66	20.26	8.35
1995	2.21	4.46	6.38	6.15	10.07	R 8.72	3.86	R 4.52	20.34	8.29
1996	2.20	4.29	8.30	6.91	11.58	R 10.45	4.43	R 4.42	20.39	8.23
1997	2.72	4.92	6.23	7.23	8.31	R 7.84	4.41	R 5.00	20.19	8.49
1998	2.87	5.32	5.18	R 6.25	7.10	R 6.27	3.82	5.29	20.06	8.84
1999	3.48	5.09	6.09	R 7.37	8.20	R 7.59	3.93	5.12	18.39	8.51
2000	2.62	5.90	8.79	R 9.10	14.00	R 13.04	5.90	6.19	18.43	9.39
2001	2.85	7.69	8.16	9.00	14.45	13.63	5.62	8.02	19.70	11.11
	Expenditures in Million Nominal Dollars									
1970	1.2	37.9	1.1	0.1	6.0	7.2	0.1	46.4	38.5	85.0
1975	1.2	72.8	5.9	0.1	12.1	18.1	0.3	92.4	75.2	167.6
1980	3.5	158.0	4.5	—	11.1	15.6	1.6	178.7	179.9	358.6
1985	R 4.5	285.3	R 2.8	0.5	21.0	R 24.3	2.6	R 316.7	310.1	R 626.8
1986	R 3.5	267.4	R 1.6	0.1	15.7	R 17.5	2.0	R 290.4	316.7	R 607.1
1987	R 1.8	206.4	R 2.0	0.2	17.4	R 19.6	1.0	228.8	316.1	544.9
1988	R 2.6	215.9	R 2.7	0.2	17.3	R 20.2	R 1.1	239.7	324.0	563.7
1989	R 3.3	232.2	R 5.5	0.1	21.0	R 26.6	1.2	263.3	308.0	571.3
1990	R 3.7	229.3	R 5.8	0.2	14.1	R 20.1	5.9	R 259.0	302.9	R 561.9
1991	R 3.9	275.1	R 5.2	0.2	14.4	R 19.8	6.0	R 304.8	317.5	R 622.2
1992	R 2.6	243.2	R 3.9	0.1	12.2	R 16.2	R 5.8	R 267.7	314.0	R 581.7
1993	1.2	265.6	R 3.1	0.1	7.3	R 10.6	5.4	R 282.9	323.7	R 606.6
1994	0.8	242.7	R 2.4	0.2	5.9	R 8.4	5.1	R 257.0	346.3	R 603.3
1995	0.5	232.1	R 2.7	0.1	7.6	R 10.4	5.6	R 248.7	349.9	R 598.5
1996	0.6	242.9	R 3.6	0.2	10.5	R 14.3	6.4	R 264.1	381.4	R 645.5
1997	0.9	298.1	R 3.2	0.2	14.7	R 18.1	6.6	R 323.6	389.9	R 713.5
1998	0.8	316.6	R 2.1	R 0.1	3.8	R 6.1	5.2	R 328.7	393.9	R 722.6
1999	1.1	297.9	R 2.8	R 0.2	9.3	R 12.2	5.7	R 316.9	391.2	R 708.1
2000	0.4	344.9	R 4.1	0.2	29.8	R 34.0	8.9	R 388.2	409.6	R 797.8
2001	0.4	445.0	4.3	0.2	52.4	56.9	7.2	509.5	449.8	959.3

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

— No consumption.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Utah

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.29	0.63	1.06	0.71	1.20	2.75	0.27	0.84	0.72	0.71	5.32	1.81
1975	0.74	1.60	2.49	2.35	2.30	4.52	1.55	2.22	1.43	1.94	7.15	3.29
1980	1.07	5.12	6.42	5.82	4.36	9.80	3.69	5.14	3.66	4.16	13.22	7.53
1985	1.28	4.57	6.03	8.67	8.60	9.09	3.94	R 6.55	4.14	R 4.17	20.09	R 11.61
1986	1.27	4.99	3.75	4.69	7.07	6.78	2.40	R 4.15	3.32	R 3.71	20.49	R 12.68
1987	1.08	4.61	4.21	4.71	6.54	7.44	2.16	R 4.42	3.16	R 4.23	20.06	R 10.74
1988	1.11	3.77	3.89	4.40	6.53	7.71	1.98	R 4.37	3.20	3.54	19.91	R 9.79
1989	1.19	3.83	4.64	4.60	7.02	8.24	1.66	R 5.27	3.53	3.59	18.87	R 9.83
1990	1.23	3.95	5.81	5.98	8.71	9.09	2.51	6.08	4.75	R 3.71	17.34	R 9.35
1991	1.14	4.19	5.13	7.32	9.12	8.81	2.31	R 5.88	4.55	R 3.77	17.10	R 8.98
1992	1.10	4.08	4.97	6.88	9.26	8.95	1.78	R 5.65	4.16	R 3.77	16.79	R 9.52
1993	1.13	R 3.75	4.97	6.98	9.23	8.76	1.96	4.96	4.06	R 3.65	16.82	R 9.02
1994	1.16	3.59	4.65	5.95	8.68	8.97	1.94	R 4.86	3.94	R 3.55	16.68	R 8.73
1995	0.86	3.42	4.79	6.15	8.41	9.24	1.86	R 5.08	3.86	R 3.43	16.80	R 8.81
1996	0.82	3.24	5.66	6.91	10.37	10.09	1.66	R 6.02	4.43	R 3.31	16.78	R 8.61
1997	0.82	3.75	5.55	7.23	10.87	10.51	2.25	R 6.25	4.41	R 3.75	16.31	R 8.71
1998	0.83	4.15	4.33	R 6.25	9.65	9.07	1.99	R 4.64	3.82	R 3.98	16.38	R 8.93
1999	0.93	3.90	4.75	R 7.37	9.37	10.13	1.93	R 5.11	3.93	R 3.84	15.19	R 8.58
2000	1.07	4.68	7.24	R 9.10	12.60	12.29	2.67	R 8.02	5.90	R 4.82	15.01	R 9.36
2001	1.20	6.44	6.71	9.00	13.78	11.63	2.87	7.67	5.62	6.45	16.06	10.72
	Expenditures in Million Nominal Dollars											
1970	0.3	6.0	3.2	0.2	0.6	2.9	1.4	8.2	(s)	14.6	34.3	48.9
1975	1.6	9.2	18.8	0.4	0.9	5.0	10.7	35.8	(s)	46.6	60.5	107.0
1980	4.6	1.8	38.4	1.1	1.0	4.1	24.4	69.0	(s)	75.6	141.7	217.2
1985	R 5.9	41.7	R 17.0	0.9	3.4	4.2	1.1	R 26.7	0.1	R 74.4	315.0	R 389.4
1986	R 4.3	21.9	R 18.4	0.2	2.8	3.2	0.6	R 25.2	0.1	R 51.6	327.3	R 378.9
1987	R 2.4	73.8	R 16.1	0.5	2.7	3.7	1.5	R 24.5	(s)	R 100.7	332.9	R 433.6
1988	R 3.9	73.1	R 14.4	0.1	2.7	3.6	0.6	R 21.4	(s)	R 98.4	342.0	R 440.4
1989	R 5.0	68.7	R 11.7	0.1	2.1	3.9	0.1	R 17.9	(s)	R 91.7	333.0	R 424.7
1990	R 6.1	69.7	R 12.3	0.2	2.4	4.6	1.2	R 20.6	0.4	96.8	318.9	415.7
1991	R 6.6	86.7	R 11.3	0.4	2.4	3.8	0.3	R 18.2	0.4	R 111.9	325.0	R 436.9
1992	R 4.6	73.0	R 11.2	(s)	2.0	3.4	0.2	R 16.9	0.4	R 94.9	335.0	R 429.9
1993	2.6	91.7	R 9.3	0.1	1.2	0.9	0.7	R 12.2	0.4	R 107.0	339.7	R 446.7
1994	2.4	101.8	R 11.1	0.1	0.9	1.0	0.2	R 13.2	0.4	R 117.8	360.9	R 478.7
1995	1.3	97.6	R 10.7	(s)	1.1	1.0	R 0.1	R 13.0	0.4	R 112.4	370.4	R 482.8
1996	1.6	99.9	R 12.4	0.1	1.7	1.1	0.1	R 15.4	0.5	R 117.3	384.6	R 502.0
1997	2.1	121.7	R 13.1	0.1	3.4	1.1	0.2	R 18.0	0.7	R 142.5	405.4	R 547.9
1998	R 2.0	134.3	R 13.2	R 0.2	0.9	1.0	(s)	R 15.3	0.6	R 152.3	415.5	R 567.7
1999	2.2	125.1	R 16.4	R 0.1	1.9	1.1	0.1	R 19.7	0.7	R 147.6	418.4	R 566.0
2000	1.3	153.9	R 15.4	0.2	4.7	1.4	0.3	R 22.0	1.1	R 178.3	447.8	R 626.2
2001	1.3	209.6	27.2	0.4	8.8	1.4	0.3	38.1	0.8	249.9	498.7	748.6

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Utah

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	0.43	0.29	0.40	0.32	0.57	0.66	0.71	1.20	5.08	2.75	0.60	0.43	0.77	1.73	0.46	3.75	0.57
1975	1.38	0.74	1.26	0.73	1.79	2.18	2.35	2.30	7.48	4.52	1.78	1.40	2.08	1.73	1.38	5.39	1.61
1980	1.97	1.07	1.77	2.08	3.65	5.49	5.82	4.36	14.36	9.80	3.71	5.19	4.64	1.49	2.76	10.22	3.48
1985	1.93	1.28	1.77	3.01	4.85	6.43	6.74	8.60	17.61	9.09	3.94	5.88	R 6.28	1.49	R 3.15	14.36	R 4.52
1986	1.75	1.27	1.62	3.16	4.38	4.10	5.30	7.07	15.59	6.78	2.40	—	R 4.91	1.68	R 3.09	14.90	4.92
1987	—	1.08	1.08	2.96	3.23	4.43	5.29	6.54	13.58	7.44	2.16	—	R 4.58	1.68	R 3.21	14.35	R 5.54
1988	2.02	1.11	1.75	2.87	3.32	4.22	4.45	6.53	14.62	7.71	1.98	—	R 4.62	1.68	R 2.72	13.27	4.32
1989	1.92	1.19	1.68	R 3.03	2.73	5.03	5.09	7.02	14.48	8.24	1.66	—	R 4.57	d 1.68	R d 2.78	11.77	d 4.10
1990	1.84	1.23	1.64	3.33	2.70	6.31	6.75	8.71	14.60	9.09	2.51	—	R 5.36	R 1.75	2.96	11.15	4.20
1991	1.99	1.14	1.76	3.44	3.25	5.50	6.23	9.12	16.80	8.81	2.31	16.33	R 4.55	R 1.74	R 3.10	11.28	R 4.26
1992	2.00	1.10	1.74	R 3.62	2.96	5.41	5.65	9.26	18.32	8.95	1.78	24.75	R 4.99	R 1.75	R 3.17	10.79	R 4.40
1993	1.95	1.13	R 1.63	R 3.39	2.91	5.44	5.76	9.23	18.96	8.76	1.96	19.10	R 5.06	R 1.74	3.07	11.07	R 4.31
1994	1.90	1.16	R 1.59	2.56	2.81	5.32	5.14	7.37	19.11	8.97	1.94	24.75	R 4.88	1.62	R 2.70	11.22	R 4.10
1995	1.97	0.86	1.48	2.20	3.17	5.47	5.37	7.30	19.41	9.24	1.86	23.89	R 5.17	1.62	R 2.66	10.91	R 3.99
1996	1.94	0.82	R 1.60	2.01	3.50	6.35	6.36	9.05	20.08	10.09	1.66	22.95	R 6.21	1.62	R 3.14	10.84	R 4.53
1997	R 1.89	0.82	R 1.49	2.45	3.52	6.11	6.13	9.02	17.98	10.51	2.25	24.62	R 5.56	1.62	R 2.82	10.22	R 4.13
1998	R 1.80	0.83	R 1.28	2.87	3.60	4.70	4.85	7.79	19.07	9.07	1.99	20.11	R 4.77	1.62	R 2.65	10.12	R 3.82
1999	R 1.74	0.93	R 1.37	R 2.78	3.12	4.88	5.80	8.77	16.75	10.13	1.93	20.54	4.78	R 1.62	R 2.86	9.84	R 4.18
2000	R 1.66	1.07	R 1.37	3.74	3.11	7.08	8.06	14.31	17.99	12.29	2.67	21.33	R 6.52	R 1.62	R 3.40	9.82	R 4.51
2001	1.73	1.20	1.46	5.03	3.40	6.84	7.04	13.25	19.00	11.63	—	19.26	7.06	1.62	3.87	10.35	5.06
	Expenditures in Million Nominal Dollars																
1970	22.7	3.6	26.4	16.5	6.0	6.0	0.8	0.1	2.9	3.8	6.0	0.3	25.9	0.4	69.2	19.2	88.4
1975	71.7	9.5	81.2	29.9	14.5	40.9	1.5	2.3	3.3	6.3	30.5	1.4	100.9	0.7	212.7	51.2	263.9
1980	77.9	12.0	89.9	86.0	35.8	70.9	2.2	11.5	9.2	8.5	49.1	5.4	192.6	0.4	368.8	147.7	516.5
1985	64.8	13.5	78.3	111.8	50.8	R 37.0	0.1	17.6	10.3	10.5	(s)	7.0	R 133.3	0.5	R 323.9	205.7	R 529.6
1986	36.9	10.5	47.4	74.4	37.7	R 42.9	0.4	16.3	8.9	7.5	(s)	—	R 113.7	0.7	R 236.2	208.9	R 445.1
1987	—	12.1	12.1	66.7	30.6	R 35.3	0.1	17.0	8.8	8.0	(s)	—	R 99.8	0.7	R 179.3	212.6	R 391.9
1988	63.8	15.2	79.0	86.8	23.5	R 42.8	0.4	12.5	9.1	8.5	(s)	—	R 96.8	0.7	R 263.3	229.9	R 493.1
1989	60.6	18.4	79.0	103.0	30.3	R 42.6	(s)	18.4	9.2	8.4	(s)	—	R 109.0	d 0.3	R d 291.3	212.9	R d 504.2
1990	60.8	19.3	80.1	115.8	24.7	R 55.8	0.2	15.2	9.6	9.5	(s)	—	R 115.0	R 0.1	R 311.0	209.3	R 520.3
1991	63.5	13.4	77.0	141.9	61.9	R 48.9	0.1	6.1	9.9	9.7	(s)	1.7	R 138.4	R 0.1	R 357.5	215.4	R 572.9
1992	59.8	13.3	73.1	R 146.2	32.1	R 50.7	(s)	7.8	11.0	9.7	(s)	2.8	R 114.1	R 0.1	R 333.5	218.8	R 552.3
1993	52.6	19.3	R 71.8	140.5	33.4	R 50.9	0.1	15.9	11.6	11.4	0.7	2.3	R 126.2	R 0.1	R 338.7	223.7	R 562.4
1994	51.2	22.2	R 73.4	R 91.2	33.9	R 46.7	0.1	13.9	12.2	14.8	R 1.1	3.1	R 125.7	R 0.1	R 290.4	237.3	R 527.7
1995	52.2	18.1	R 70.3	R 88.8	45.8	R 44.0	0.1	32.7	12.2	15.5	0.6	2.9	R 153.8	R 0.1	R 313.0	247.2	R 560.2
1996	54.4	9.8	R 64.1	R 78.4	54.8	R 50.3	0.1	74.7	12.2	17.4	(s)	3.6	R 213.2	R 0.2	R 355.9	270.5	R 626.5
1997	R 51.8	R 13.7	R 65.5	R 99.6	46.6	R 64.1	0.1	5.1	11.6	18.3	(s)	3.5	R 149.2	R 0.2	R 314.6	246.9	R 561.5
1998	R 48.0	R 24.8	R 72.8	R 123.5	58.6	R 59.9	0.1	6.7	12.8	11.7	(s)	2.7	R 152.6	R 0.2	R 349.2	247.5	R 596.7
1999	35.4	16.0	R 51.4	R 104.4	49.2	R 50.6	0.2	18.9	11.4	12.4	(s)	2.5	R 145.2	R 0.2	R 301.2	242.2	R 543.4
2000	R 44.9	29.1	R 74.0	R 136.7	47.4	R 71.3	0.2	54.5	12.0	15.4	R (s)	2.3	R 203.1	R 0.2	R 414.1	252.8	R 666.8
2001	41.5	30.5	71.9	153.4	32.5	71.7	0.3	35.7	11.7	30.3	—	2.2	184.3	0.2	409.9	248.8	658.7

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Utah

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.29	—	2.17	1.32	0.76	1.20	5.08	2.75	0.26	2.28	2.28	—	2.28
1975	0.74	—	3.45	2.97	2.12	2.30	7.48	4.52	1.84	3.97	3.97	—	3.97
1980	—	—	9.02	7.02	6.59	4.36	14.36	9.80	—	8.82	8.82	—	8.82
1985	—	—	9.99	6.82	6.25	R 9.37	17.61	9.09	—	R 8.29	R 8.29	—	R 8.29
1986	—	—	8.41	6.80	4.05	R 7.71	15.59	6.78	—	6.39	6.39	—	6.39
1987	—	—	7.55	6.97	4.19	R 7.40	13.58	7.44	—	R 6.79	R 6.79	—	R 6.79
1988	—	—	7.41	7.27	3.95	R 7.39	14.62	7.71	—	6.98	6.98	—	6.98
1989	—	—	8.28	7.82	4.60	R 7.95	14.48	8.24	2.73	7.49	7.49	—	7.49
1990	—	6.29	9.32	8.76	5.75	R 9.87	14.60	9.09	2.92	8.39	8.39	—	8.39
1991	—	5.14	8.71	8.30	5.13	R 10.33	16.80	8.81	—	7.98	7.98	—	7.98
1992	—	R 5.02	8.54	8.20	4.96	R 10.50	18.32	8.95	—	8.07	8.07	—	8.07
1993	—	R 4.87	8.24	8.07	4.91	R 10.46	18.96	8.76	—	7.96	R 7.95	—	R 7.95
1994	—	R 4.58	7.96	7.89	4.56	R 8.99	19.11	8.97	—	R 8.03	8.02	—	8.02
1995	—	4.45	8.36	8.22	4.84	R 8.79	19.41	9.24	—	8.30	8.29	—	8.29
1996	—	4.31	9.29	9.20	6.07	R 10.26	20.08	10.09	—	9.18	R 9.17	—	R 9.17
1997	—	5.15	9.39	9.22	5.70	R 9.85	17.98	10.51	—	R 9.38	9.37	—	9.37
1998	—	5.18	8.11	8.16	4.39	R 9.01	19.07	9.07	—	8.08	R 8.07	—	R 8.07
1999	—	5.04	8.81	8.93	4.74	R 11.16	16.75	10.13	—	8.82	R 8.80	12.33	R 8.80
2000	—	5.44	R 10.87	11.17	7.38	R 14.96	17.99	12.29	—	11.08	R 11.06	12.13	R 11.06
2001	—	6.88	11.01	10.26	6.61	16.89	19.00	11.63	—	10.40	10.39	13.29	10.39
	Expenditures in Million Nominal Dollars												
1970	(s)	—	1.9	22.1	7.6	(s)	5.0	170.9	(s)	207.5	207.5	—	207.5
1975	(s)	—	2.8	71.7	22.4	0.1	7.2	346.0	0.8	451.0	451.0	—	451.0
1980	—	—	6.3	203.5	96.4	0.2	16.9	787.0	—	1,110.3	1,110.3	—	1,110.3
1985	—	—	4.7	R 163.7	133.0	R 2.6	18.8	760.8	—	R 1,083.6	R 1,083.6	—	R 1,083.6
1986	—	—	4.7	R 163.9	98.4	R 2.2	16.3	614.0	—	R 899.5	R 899.5	—	R 899.5
1987	—	—	3.8	R 170.7	116.8	R 1.6	16.0	677.1	—	986.0	986.0	—	986.0
1988	—	—	4.2	R 188.9	110.4	R 1.8	16.6	722.7	—	R 1,044.5	R 1,044.5	—	R 1,044.5
1989	—	—	4.4	R 171.9	131.7	R 1.6	16.9	737.3	(s)	R 1,063.9	R 1,063.9	—	R 1,063.9
1990	—	(s)	5.0	R 258.0	171.0	R 1.8	17.6	784.7	0.9	R 1,238.9	R 1,238.9	—	R 1,238.9
1991	—	(s)	5.2	R 238.1	170.3	R 1.6	18.1	791.6	—	R 1,224.8	R 1,224.8	—	R 1,224.8
1992	—	R 0.8	5.7	R 245.0	156.3	R 1.5	20.1	829.1	—	R 1,257.8	R 1,258.6	—	R 1,258.6
1993	—	R 1.0	4.7	R 249.4	152.6	R 1.6	21.2	854.6	—	R 1,284.0	R 1,285.0	—	R 1,285.0
1994	—	R 1.0	3.5	R 256.8	135.2	R 1.9	22.3	895.9	—	R 1,315.6	R 1,316.6	—	R 1,316.6
1995	—	R 1.4	2.7	R 314.5	154.3	R 1.0	22.3	984.1	—	R 1,478.9	R 1,480.2	—	R 1,480.2
1996	—	R 1.7	2.4	R 368.7	216.6	R 0.9	22.4	1,095.6	—	R 1,706.7	R 1,708.4	—	R 1,708.4
1997	—	R 1.5	2.9	R 409.4	202.7	R 0.6	21.1	1,187.0	—	R 1,823.7	R 1,825.1	—	R 1,825.1
1998	—	R 3.4	2.1	R 358.7	158.7	R 0.1	23.5	1,062.5	—	R 1,605.5	R 1,609.0	—	R 1,609.0
1999	—	R 4.7	3.3	R 379.0	200.1	R 1.4	20.8	1,208.1	—	R 1,812.7	R 1,817.4	(s)	R 1,817.5
2000	—	R 4.8	R 4.6	R 543.3	322.1	R 2.3	22.0	1,513.7	—	R 2,408.1	R 2,413.0	0.3	R 2,413.3
2001	—	7.1	4.2	510.0	258.0	3.4	21.3	1,361.8	—	2,158.8	2,165.9	0.5	2,166.4

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Utah (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.23	0.31	0.26	0.32	—	0.26	—	—	—	—	0.25
1975	0.48	0.61	1.54	2.31	—	1.59	—	—	—	—	0.51
1980	1.14	2.00	3.69	6.23	—	5.00	—	—	—	—	1.20
1985	1.37	4.12	3.71	5.67	—	5.02	—	—	—	—	1.39
1986	1.41	5.10	2.09	3.62	—	3.54	—	—	—	—	1.42
1987	1.25	5.07	—	4.12	—	4.12	—	—	6.11	—	1.27
1988	1.27	2.83	—	3.98	—	3.98	—	—	—	—	1.27
1989	1.24	3.29	—	4.45	—	4.45	—	—	6.05	—	1.25
1990	1.17	5.04	—	5.42	—	5.42	—	—	—	—	1.19
1991	1.19	1.62	—	4.90	—	4.90	—	—	—	—	1.21
1992	1.21	1.75	—	4.84	—	4.84	—	—	—	—	1.22
1993	1.19	2.18	—	5.39	—	5.39	—	—	—	—	1.21
1994	1.14	2.32	—	4.67	—	4.67	—	—	—	—	1.17
1995	1.09	2.15	—	5.05	—	5.05	—	—	—	—	1.13
1996	1.07	1.79	—	5.79	—	5.79	—	—	—	—	1.09
1997	1.11	2.03	—	5.84	—	5.84	—	—	3.77	—	1.13
1998	1.15	2.02	—	4.40	—	4.40	—	—	4.01	—	1.17
1999	1.03	2.54	—	5.14	—	5.14	—	0.67	—	—	1.06
2000	1.01	3.84	—	6.79	—	6.79	—	0.67	—	—	1.11
2001	1.12	4.64	—	6.34	—	6.34	—	0.47	—	—	1.29
	Expenditures in Million Nominal Dollars										
1970	2.5	1.0	2.8	(s)	—	2.9	—	—	—	—	6.4
1975	22.8	1.8	1.5	0.1	—	1.6	—	—	—	—	26.2
1980	127.6	9.8	1.4	2.4	—	3.8	—	—	—	—	141.2
1985	204.6	1.0	0.6	1.8	—	2.4	—	—	—	—	208.0
1986	218.4	1.3	0.1	2.7	—	2.8	—	—	—	—	222.5
1987	325.1	1.4	—	4.5	—	4.5	—	—	0.8	—	331.8
1988	364.7	0.6	—	2.4	—	2.4	—	—	—	—	367.6
1989	368.6	2.2	—	2.2	—	2.2	—	—	(s)	—	372.9
1990	364.1	4.7	—	2.6	—	2.6	—	—	—	—	371.4
1991	350.6	8.9	—	2.3	—	2.3	—	—	—	—	361.8
1992	382.0	12.2	—	1.7	—	1.7	—	—	—	—	395.9
1993	385.8	14.4	—	2.0	—	2.0	—	—	—	—	402.1
1994	377.5	21.4	—	1.6	—	1.6	—	—	—	—	400.5
1995	341.4	19.6	—	1.9	—	1.9	—	—	—	—	362.9
1996	340.4	7.5	—	2.0	—	2.0	—	—	—	—	349.8
1997	365.3	8.5	—	2.0	—	2.0	—	—	0.4	—	376.1
1998	386.7	12.5	—	1.7	—	1.7	—	—	(s)	—	400.9
1999	354.5	17.0	—	1.7	—	1.7	—	0.9	—	—	374.1
2000	352.2	42.2	—	4.0	—	4.0	—	0.9	—	—	399.4
2001	380.8	73.4	—	4.0	—	4.0	—	0.6	—	—	458.9

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Vermont

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.72	0.72	1.41	1.37	0.75	2.15	3.09	0.66	1.64	1.97	—	0.98	1.90	R 0.75	6.05	2.37
1975	—	2.35	2.35	1.87	2.77	2.22	4.12	4.69	1.92	3.82	3.64	0.31	1.24	2.39	R 0.37	10.33	4.33
1980	—	1.96	1.96	5.62	7.01	6.55	7.56	10.12	4.05	9.09	8.42	0.58	2.02	R 5.55	R 0.77	14.33	9.01
1985	—	R 2.57	R 2.57	5.59	R 8.04	6.10	R 11.81	9.53	4.54	8.08	R 8.80	0.64	1.48	R 5.86	R 0.89	20.81	R 10.11
1986	—	R 2.47	R 2.47	5.00	R 6.23	4.25	10.52	7.47	2.92	7.40	R 6.93	0.70	1.62	R 5.30	R 1.84	22.51	R 8.84
1987	—	R 2.75	R 2.75	4.92	R 6.15	4.18	R 10.59	7.58	3.15	5.76	R 6.89	0.69	1.55	R 4.81	R 1.62	24.16	R 9.12
1988	—	R 2.84	R 2.84	4.51	R 6.10	4.04	9.46	7.87	2.54	5.67	R 6.97	0.71	1.63	R 4.72	R 1.67	23.69	R 9.16
1989	—	R 2.78	R 2.78	4.56	R 6.66	5.33	12.28	8.84	2.83	5.82	R 7.89	0.62	R e 2.28	R e 5.37	R 1.54	23.46	R e 9.92
1990	—	R 2.99	R 2.99	4.65	R 8.00	6.60	13.23	9.66	3.32	9.32	R 9.11	0.57	R 2.50	R 5.96	R 1.32	24.25	R 11.24
1991	—	R 2.74	R 2.74	4.51	R 7.56	5.07	R 14.44	9.48	2.51	4.85	R 8.64	0.56	R 2.22	R 5.55	R 1.13	25.29	R 10.87
1992	—	R 2.66	R 2.66	R 5.03	R 7.01	4.72	11.88	9.39	2.53	5.08	R 8.27	0.53	R 2.24	R 5.56	R 1.24	25.89	R 10.66
1993	—	R 2.71	R 2.71	4.99	R 6.96	5.16	11.75	9.09	2.62	7.31	R 8.12	0.54	R 2.28	R 5.53	R 1.37	26.49	R 10.68
1994	—	2.59	2.59	5.40	R 6.93	4.76	R 12.46	9.21	2.64	6.32	R 8.27	0.49	R 2.26	R 5.26	R 1.30	26.74	R 10.88
1995	—	2.56	2.56	5.22	R 6.90	4.62	12.48	9.79	2.90	6.06	R 8.55	0.48	R 2.37	R 5.51	R 1.52	27.73	R 11.23
1996	—	2.59	2.59	5.08	R 7.85	5.61	R 13.97	10.12	3.25	6.23	R 9.18	0.47	R 2.35	R 5.93	R 1.37	28.56	R 11.76
1997	—	R 2.59	R 2.59	R 4.88	R 7.63	5.30	13.97	10.34	3.21	5.26	R 8.96	R 0.43	R 2.18	R 5.58	R 1.31	28.99	R 11.42
1998	—	R 2.55	R 2.55	4.81	R 6.58	4.30	12.44	8.95	2.48	5.70	R 8.00	0.45	R 2.17	R 5.40	R 1.46	28.80	R 11.10
1999	—	R 2.32	R 2.32	5.08	R 6.80	4.09	12.39	9.91	2.84	7.25	R 8.61	0.44	R 2.28	R 5.50	R 2.13	30.13	R 11.69
2000	—	R 2.29	R 2.29	5.39	R 9.51	7.44	15.00	12.79	4.73	9.39	R 11.41	R 0.44	R 2.45	R 6.93	R 1.11	30.10	R 13.77
2001	—	2.34	2.34	7.58	9.46	6.53	15.94	12.04	4.50	8.36	11.14	0.40	2.62	7.15	1.08	31.65	14.08
	Expenditures in Million Nominal Dollars																
1970	—	1.5	1.5	3.8	45.7	0.5	4.4	82.5	3.7	8.8	145.6	—	1.6	R 152.7	R -2.4	53.9	204.2
1975	—	1.7	1.7	7.5	75.0	2.2	12.8	140.2	9.6	11.0	250.8	12.0	2.2	R 274.9	R -15.2	105.6	365.2
1980	—	1.1	1.1	22.2	167.3	5.6	18.5	288.9	12.0	26.5	518.8	18.7	7.4	R 571.1	R -26.4	193.1	737.9
1985	—	R 5.1	R 5.1	27.7	R 214.7	6.7	R 33.6	291.0	3.5	51.4	R 600.9	20.4	9.2	R 670.3	R -32.7	285.1	R 922.7
1986	—	1.6	1.6	24.7	R 155.7	3.1	33.2	234.0	8.7	43.5	R 478.2	15.2	6.5	R 562.4	R -53.1	286.2	R 795.6
1987	—	0.9	0.9	25.1	R 172.4	4.2	42.7	260.0	6.7	34.8	R 520.8	25.5	6.9	R 626.7	R -75.9	337.8	R 888.6
1988	—	0.8	0.8	24.8	R 182.9	3.2	R 39.9	280.9	3.8	35.0	R 545.8	30.9	R 6.6	R 667.0	R -91.6	357.0	R 932.4
1989	—	0.7	0.7	27.6	R 192.8	6.6	68.0	304.3	3.4	35.1	R 610.2	23.8	R e 10.6	R e 714.9	R -72.7	366.0	R e 1,008.2
1990	—	0.6	0.6	31.0	R 212.8	6.6	67.2	339.8	5.0	22.5	R 653.8	21.9	R 7.3	R 748.8	R -60.7	390.3	R 1,078.4
1991	—	0.8	0.8	31.5	R 209.7	4.6	85.3	337.3	4.2	26.7	R 667.7	24.3	8.2	R 761.0	R -58.0	405.9	R 1,108.9
1992	—	1.3	1.3	R 38.1	R 225.9	3.0	82.3	339.2	R 4.4	20.2	R 675.0	20.8	R 8.8	R 777.7	R -60.1	436.5	R 1,154.1
1993	—	0.4	0.4	R 36.1	R 224.6	3.5	69.5	338.8	R 7.8	16.3	R 660.5	19.2	R 12.5	R 766.2	R -65.1	453.4	R 1,154.4
1994	—	0.3	0.3	39.3	R 216.4	3.7	75.4	344.7	4.7	20.2	R 665.0	22.0	R 13.2	R 785.1	R -76.1	462.3	R 1,171.3
1995	—	0.2	0.2	37.8	R 215.6	3.3	75.6	368.0	R 3.9	20.0	R 686.4	19.5	R 16.0	R 817.2	R -87.9	482.9	R 1,212.2
1996	—	0.1	0.1	R 37.9	R 262.1	3.2	92.6	387.0	R 5.8	23.2	R 773.9	18.6	R 16.4	R 894.1	R -76.3	510.5	R 1,328.3
1997	—	R 7.0	R 7.0	R 40.5	R 237.6	3.2	77.8	409.8	R 6.5	38.5	R 773.5	R 19.2	R 15.1	R 907.3	R -81.9	525.4	R 1,350.7
1998	—	R 0.1	R 0.1	37.6	R 199.9	3.0	79.9	350.4	R 4.3	25.3	R 662.8	R 15.9	R 13.7	R 778.0	R -75.4	527.1	R 1,229.7
1999	—	R 4.7	R 4.7	41.2	R 215.4	3.3	72.4	397.4	R 3.9	26.6	R 719.0	R 18.8	R 15.0	R 921.0	R -153.5	568.3	R 1,335.8
2000	—	0.1	0.1	56.8	R 292.2	6.1	95.7	559.5	R 9.2	R 39.9	R 1,002.5	R 20.9	R 17.0	R 1,124.6	R -69.6	579.1	R 1,634.1
2001	—	0.1	0.1	60.6	295.9	4.5	139.7	503.3	6.8	40.6	990.7	17.5	16.7	1,115.4	-61.8	606.7	1,660.3

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Vermont

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.37	1.97	1.51	1.63	2.55	1.57	0.56	1.55	6.68	2.20
1975	2.62	2.62	2.87	3.16	4.72	3.07	1.11	2.96	11.47	4.41
1980	4.42	6.30	7.32	8.15	9.28	7.56	2.85	7.12	15.76	9.31
1985	4.91	6.33	8.08	8.24	11.79	R 8.51	3.22	8.07	21.20	R 10.56
1986	4.71	6.36	6.49	8.00	10.02	R 7.14	2.58	R 6.80	23.15	R 9.67
1987	4.37	6.31	6.23	5.89	10.04	R 6.84	2.46	R 6.60	27.72	R 10.83
1988	4.51	5.71	6.19	5.65	8.95	R 6.65	R 2.49	R 6.39	26.66	R 10.56
1989	4.48	5.70	6.79	5.13	12.77	R 7.94	2.75	R 7.54	26.24	R 11.26
1990	4.73	R 5.89	8.02	6.50	13.76	R 9.18	2.83	R 8.51	27.16	R 12.62
1991	4.59	6.31	7.71	5.83	15.17	R 9.23	R 2.71	R 8.58	27.92	R 12.64
1992	4.46	6.73	6.98	4.92	12.37	R 8.18	R 2.48	R 7.73	28.02	R 11.94
1993	4.48	6.20	6.84	4.92	12.20	R 7.86	2.42	R 7.37	28.84	R 12.02
1994	4.59	6.97	6.63	5.36	13.58	R 8.15	2.35	R 7.69	29.18	R 12.56
1995	4.53	6.85	6.46	4.66	13.75	R 8.06	2.30	R 7.56	30.83	R 12.87
1996	4.71	6.31	7.34	5.60	15.21	R 9.20	2.64	R 8.48	32.22	R 13.75
1997	4.66	6.33	7.47	5.70	14.59	R 8.99	2.62	R 8.41	33.56	R 14.16
1998	4.62	6.46	6.61	4.68	13.18	R 8.19	R 2.27	R 7.75	34.04	R 13.87
1999	4.57	R 7.10	6.47	7.74	12.81	8.28	2.34	R 7.88	35.66	R 14.52
2000	4.63	8.03	9.50	10.24	15.96	R 11.03	3.51	R 10.38	36.04	R 16.01
2001	4.57	9.95	9.55	9.63	16.86	11.80	3.35	11.30	37.13	16.88
	Expenditures in Million Nominal Dollars									
1970	0.5	2.1	34.0	4.0	3.4	41.4	0.5	44.5	27.7	72.2
1975	0.3	3.0	51.9	4.2	9.7	65.8	1.1	70.1	55.8	126.0
1980	0.2	8.1	92.5	10.6	12.1	115.3	3.6	127.3	95.8	223.0
1985	R 1.2	9.1	R 116.7	24.0	25.5	R 166.3	3.6	R 180.2	111.2	R 291.5
1986	0.3	10.0	R 77.9	13.2	22.2	R 113.3	2.8	R 126.4	91.3	R 217.7
1987	R 0.3	10.4	R 77.8	8.4	28.1	R 114.2	2.0	R 126.8	133.3	R 260.1
1988	0.2	10.6	R 80.2	9.8	29.6	R 119.7	2.1	R 132.5	143.0	R 275.5
1989	0.1	11.9	R 95.1	8.1	54.6	R 157.7	2.4	R 172.1	149.0	R 321.1
1990	0.2	12.4	R 107.1	7.1	55.3	R 169.6	3.4	R 185.6	167.6	R 353.2
1991	0.1	13.7	R 105.9	8.2	65.1	R 179.2	3.4	R 196.5	169.9	R 366.4
1992	0.1	16.9	R 103.6	5.8	63.8	R 173.3	3.3	R 193.6	184.2	R 377.8
1993	0.1	15.7	R 100.8	6.6	53.0	R 160.4	3.3	R 179.5	194.0	R 373.4
1994	0.1	16.9	R 93.2	5.6	60.6	R 159.3	3.2	R 179.5	200.0	R 379.5
1995	(s)	15.7	R 87.3	4.8	60.9	R 153.0	3.5	R 172.2	207.5	R 379.7
1996	(s)	16.1	R 101.2	6.5	75.7	R 183.4	4.0	R 203.5	220.6	R 424.1
1997	(s)	16.9	R 100.5	7.7	64.8	R 173.0	2.6	R 192.5	228.1	R 420.7
1998	(s)	16.0	R 77.3	8.7	66.1	R 152.0	2.0	R 170.2	226.6	R 396.8
1999	(s)	18.4	R 75.9	11.5	62.8	R 150.2	2.2	R 170.9	243.2	R 414.1
2000	(s)	23.1	R 135.6	R 18.9	75.7	R 230.2	3.5	R 256.9	250.5	R 507.4
2001	(s)	27.4	123.4	17.5	109.9	250.9	2.9	281.1	254.6	535.7

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Vermont

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.87	1.43	1.11	0.92	1.37	3.09	0.79	1.04	0.56	1.06	6.78	2.17
1975	2.60	2.10	2.46	2.65	2.92	4.69	1.91	2.35	1.11	2.33	11.34	4.49
1980	1.65	6.22	6.48	6.39	5.59	10.12	4.09	5.93	2.85	5.82	15.56	8.91
1985	2.39	5.76	7.16	8.24	11.92	9.53	4.54	R 7.65	3.22	R 6.53	24.02	R 12.18
1986	2.62	5.19	5.23	8.00	11.70	7.47	2.92	R 5.60	2.58	5.41	25.65	R 11.90
1987	2.37	4.94	5.03	5.89	11.86	7.58	3.15	R 5.55	2.46	R 5.31	24.53	R 12.66
1988	2.52	4.72	4.93	5.65	11.32	7.87	2.54	R 5.53	2.49	R 5.27	24.44	R 12.61
1989	2.60	4.81	5.57	5.13	10.63	8.84	2.84	R 6.02	2.75	R 5.68	24.23	R 12.69
1990	2.62	R 5.14	6.85	6.50	11.23	9.66	3.33	R 7.03	2.83	R 6.43	25.21	R 13.91
1991	2.59	5.30	6.13	5.83	12.54	9.48	2.51	R 6.49	2.71	6.13	26.50	R 13.75
1992	2.56	5.69	5.51	4.92	10.46	9.39	2.54	R 5.94	2.48	R 5.81	27.40	R 13.42
1993	2.32	5.26	5.42	4.92	10.52	9.09	2.62	5.56	2.42	5.40	27.62	R 13.66
1994	2.23	5.62	5.40	5.36	10.32	9.21	2.64	R 5.79	2.35	R 5.66	27.95	R 13.96
1995	2.26	5.45	5.22	4.66	10.59	9.79	2.90	R 5.83	2.30	5.63	29.04	R 15.14
1996	2.30	5.16	5.97	5.60	11.73	10.12	3.25	R 6.62	2.64	6.09	29.96	R 15.37
1997	2.53	5.12	5.72	5.70	11.55	10.34	3.21	R 6.17	2.62	5.78	30.16	R 15.02
1998	2.30	5.02	4.71	4.68	10.31	8.95	2.48	R 5.21	2.27	R 5.11	29.49	R 14.40
1999	2.31	5.62	5.00	7.74	10.34	9.91	2.84	R 5.62	2.34	R 5.56	31.47	R 16.16
2000	R 2.00	6.41	7.81	10.24	13.24	12.79	4.73	R 8.21	3.51	R 7.69	31.20	R 16.84
2001	2.06	7.86	7.47	9.63	13.69	12.04	4.50	8.24	3.35	8.08	33.00	17.91
	Expenditures in Million Nominal Dollars											
1970	0.3	0.8	5.1	0.1	0.3	0.4	2.1	8.1	(s)	9.1	14.1	23.2
1975	0.6	1.6	9.1	0.2	1.1	0.7	4.5	15.6	(s)	17.8	27.4	45.3
1980	0.3	5.1	23.4	1.6	1.3	1.7	6.1	34.1	0.1	39.6	49.0	88.6
1985	2.1	9.0	R 24.7	1.7	4.6	2.0	0.7	R 33.6	0.1	R 44.8	78.6	R 123.4
1986	R 0.5	8.6	R 18.2	2.7	4.6	1.6	2.5	R 29.6	0.1	R 38.8	87.1	R 126.0
1987	0.5	8.9	R 21.8	1.1	5.9	1.6	1.8	R 32.2	0.1	R 41.7	119.2	R 160.9
1988	0.4	9.1	R 22.7	2.0	6.6	1.6	1.0	R 33.9	0.1	R 43.4	125.0	R 168.5
1989	0.2	9.9	R 26.1	1.7	8.0	1.7	1.5	R 38.9	0.1	R 49.1	127.1	R 176.1
1990	0.4	10.3	R 26.7	0.5	8.0	2.1	2.5	R 39.7	0.2	R 50.6	131.3	R 181.9
1991	0.3	10.8	R 28.9	0.5	9.5	1.4	2.1	R 42.4	0.2	R 53.7	138.4	R 192.1
1992	0.3	13.1	R 30.4	0.4	9.5	1.7	1.7	R 43.7	0.2	R 57.4	147.1	R 204.5
1993	0.3	12.5	R 25.1	0.9	8.1	0.3	R 2.8	R 37.3	0.3	R 50.3	152.1	R 202.4
1994	0.2	14.9	R 26.9	0.6	8.1	0.3	1.4	R 37.4	0.3	R 52.8	154.7	R 207.5
1995	0.1	14.5	R 21.0	0.4	8.3	0.3	1.3	R 31.3	0.3	R 46.2	163.2	R 209.4
1996	0.1	14.8	R 27.7	0.4	10.3	0.4	1.5	R 40.2	0.3	R 55.5	173.4	R 228.9
1997	0.1	15.8	R 28.3	0.7	9.1	0.4	R 2.2	R 40.6	0.3	R 56.9	181.1	R 237.9
1998	0.1	15.1	R 25.7	0.8	9.1	0.3	R 1.7	R 37.7	0.2	R 53.2	188.9	R 242.1
1999	0.1	13.1	R 27.5	1.5	9.0	0.3	R 1.3	R 39.6	0.3	R 53.2	208.4	R 261.6
2000	(s)	16.8	R 47.3	R 1.3	11.1	0.4	R 3.0	R 63.2	0.4	R 80.5	208.2	R 288.7
2001	0.1	19.7	43.9	1.9	15.8	0.4	2.6	64.6	0.3	84.7	225.2	309.8

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Vermont

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.87	0.87	0.85	0.68	0.84	0.92	1.37	5.08	3.09	0.53	4.14	0.97	1.42	0.99	4.52	1.69
1975	—	2.60	2.60	1.44	1.91	2.38	2.65	2.92	7.48	4.69	1.93	4.95	2.63	1.42	2.33	7.61	3.59
1980	—	1.65	1.65	4.94	3.66	5.84	6.39	5.59	14.36	10.12	4.01	12.01	5.96	1.50	4.94	11.37	6.89
1985	—	2.39	2.39	4.91	5.20	6.58	7.13	11.92	17.61	9.53	4.54	13.38	R 6.96	1.50	R 5.54	18.40	R 9.56
1986	—	2.62	2.62	3.57	4.86	4.24	5.24	11.70	15.59	7.47	2.92	14.34	R 5.29	1.66	4.53	20.05	R 8.88
1987	—	2.37	2.37	3.52	3.55	4.78	4.85	11.86	13.58	7.58	3.15	13.55	R 5.30	1.66	R 4.54	19.79	R 8.17
1988	—	2.52	2.52	3.00	3.39	4.51	4.38	11.32	14.62	7.87	2.54	11.82	R 4.87	1.66	R 4.11	19.39	R 7.99
1989	—	2.60	2.60	3.05	3.17	5.38	5.37	10.63	14.48	8.84	2.84	17.61	R 5.74	R d 1.38	R d 4.68	19.21	R d 8.62
1990	—	2.62	2.62	R 3.57	3.34	6.21	6.56	11.23	14.60	9.66	3.33	14.39	R 7.14	R 1.44	R 5.83	19.39	R 10.83
1991	—	2.59	2.59	3.03	3.05	5.94	5.68	12.54	16.80	9.48	2.51	—	R 5.37	R 1.32	R 4.58	20.56	R 9.14
1992	—	2.56	2.56	R 3.29	2.79	5.53	4.92	10.46	18.32	9.39	2.54	—	R 5.24	R 1.32	R 4.45	21.39	R 9.49
1993	—	—	—	3.58	3.30	5.25	4.71	10.52	18.96	9.09	2.62	—	5.46	R 1.31	R 4.57	21.98	R 10.36
1994	—	—	—	3.48	3.65	5.38	4.89	8.41	19.11	9.21	2.64	—	R 5.23	R 1.35	R 4.31	21.97	R 10.22
1995	—	—	—	3.40	3.79	5.29	4.51	7.50	19.41	9.79	2.90	—	5.35	R 1.39	R 4.24	22.15	R 10.37
1996	—	—	—	3.39	3.80	6.19	5.78	8.51	20.08	10.12	3.25	—	5.60	R 1.28	R 4.44	22.22	R 10.46
1997	—	R 2.59	R 2.59	3.03	4.09	5.88	5.80	12.34	17.98	10.34	3.21	—	5.06	R 1.26	R 3.93	21.82	R 8.29
1998	—	2.30	R —	2.77	3.68	4.91	3.84	8.97	19.07	8.95	2.48	—	R 4.95	R 1.47	R 3.92	21.31	R 9.91
1999	—	2.31	2.31	3.02	3.64	4.98	4.66	9.04	16.75	9.91	2.84	—	R 4.96	R 1.61	R 3.64	21.54	R 9.32
2000	—	—	—	2.95	4.82	7.88	8.24	11.18	17.99	12.79	4.73	—	R 7.63	R 1.57	R 5.19	21.44	R 10.27
2001	—	—	—	4.96	4.88	7.38	6.62	12.78	19.00	12.04	4.50	—	7.82	1.68	6.37	23.12	11.79
	Expenditures in Million Nominal Dollars																
1970	—	0.1	0.1	0.9	1.2	2.3	0.2	0.6	0.5	1.1	1.5	1.0	8.5	1.1	10.6	12.1	22.8
1975	—	0.1	0.1	2.2	0.4	5.1	1.0	1.9	0.5	1.9	5.1	2.5	18.3	1.1	21.8	22.3	44.0
1980	—	0.1	0.1	7.9	1.0	17.1	0.3	5.0	1.3	1.0	5.9	5.9	37.6	2.7	48.4	48.4	96.7
1985	—	0.3	0.3	9.1	11.4	R 19.2	1.1	3.0	1.5	5.8	2.8	5.6	R 50.3	3.2	R 63.0	95.3	R 158.3
1986	—	0.2	0.2	6.1	13.5	R 13.9	0.9	6.1	1.3	4.7	6.2	6.4	R 52.9	3.4	R 62.5	107.8	R 170.4
1987	—	0.1	0.1	5.8	11.6	R 15.1	0.9	8.3	1.3	4.8	4.8	6.5	R 53.2	3.4	R 62.5	85.3	R 147.9
1988	—	0.2	0.2	5.2	8.9	R 17.4	2.1	3.3	1.3	5.1	2.8	5.8	R 46.6	3.5	R 55.5	89.0	R 144.5
1989	—	0.3	0.3	5.7	9.5	R 17.5	0.8	5.0	1.3	5.9	1.8	8.4	R 50.3	R d 2.5	R d 58.9	90.0	R d 148.9
1990	—	0.1	0.1	6.6	0.6	R 20.0	0.6	3.5	1.4	4.1	2.4	6.8	R 39.5	R 1.0	R 47.1	91.4	R 138.5
1991	—	0.5	0.5	5.1	10.7	R 17.9	0.4	10.2	1.4	4.4	2.1	—	R 47.0	1.6	R 54.2	97.5	R 151.7
1992	—	0.9	0.9	R 6.4	6.2	R 19.0	0.2	8.6	1.6	4.4	2.7	—	R 42.7	R 1.5	R 51.5	105.1	R 156.6
1993	—	—	—	7.3	0.7	R 16.7	0.2	8.2	1.7	3.6	5.0	—	R 36.0	R 1.5	44.9	107.3	152.2
1994	—	—	—	7.0	5.6	R 12.1	0.3	6.1	1.8	4.1	R 3.2	—	R 33.1	R 1.9	R 42.0	107.6	R 149.6
1995	—	—	—	7.3	6.4	R 10.1	0.2	6.0	1.8	4.5	R 2.6	—	R 31.6	R 2.3	R 41.2	112.2	R 153.4
1996	—	—	—	6.7	7.3	R 11.7	0.7	6.0	1.8	4.8	R 4.3	—	R 36.6	R 2.2	R 45.6	116.5	R 162.1
1997	—	R 6.8	R 6.8	7.2	21.5	R 11.8	0.8	3.4	1.7	5.1	R 4.3	—	R 48.6	R 2.4	R 65.0	116.2	R 181.2
1998	—	R —	R —	5.9	4.0	R 10.8	3.3	4.7	1.8	3.5	R 2.6	—	R 30.7	R 2.4	R 39.0	111.5	R 150.5
1999	—	4.5	4.5	8.9	4.2	11.9	1.5	0.6	1.6	4.3	R 2.7	—	R 26.8	R 2.2	R 42.4	116.7	R 159.1
2000	—	—	—	11.8	5.3	R 17.5	R 4.4	9.0	1.7	5.2	R 6.2	—	R 49.4	R 3.0	R 64.1	120.4	R 184.5
2001	—	—	—	13.0	9.6	15.7	1.7	14.0	1.7	10.7	4.2	—	57.6	2.5	73.1	126.9	200.0

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Vermont

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.87	—	2.17	1.43	0.75	1.37	5.08	3.09	0.76	2.94	2.94	—	2.94
1975	2.60	—	3.45	2.90	2.09	2.92	7.48	4.69	1.84	4.49	4.49	—	4.49
1980	—	—	9.02	7.41	6.51	5.59	14.36	10.12	—	9.72	9.72	—	9.72
1985	—	—	9.99	9.30	6.10	R 11.46	17.61	9.53	—	9.46	9.46	—	9.46
1986	—	—	8.41	7.51	4.25	R 11.25	15.59	7.47	—	7.48	7.48	—	7.48
1987	—	—	7.55	7.35	4.18	R 11.14	13.58	7.58	2.64	R 7.50	R 7.50	—	R 7.50
1988	—	—	7.41	7.51	4.04	R 10.88	14.62	7.87	—	7.78	7.78	—	7.78
1989	—	—	8.28	7.88	5.33	R 10.22	14.48	8.84	2.60	8.62	8.62	—	8.62
1990	—	—	9.32	9.66	6.60	R 10.80	14.60	9.66	2.76	9.62	9.62	—	9.62
1991	—	—	8.71	9.14	5.07	R 11.94	16.80	9.48	2.16	9.39	9.39	—	9.39
1992	—	R 3.67	8.54	8.67	4.72	R 9.96	18.32	9.39	2.24	9.24	9.24	—	9.24
1993	—	R 4.98	8.24	8.46	5.16	R 10.02	18.96	9.09	—	R 8.97	R 8.97	—	R 8.97
1994	—	R 2.33	7.96	8.54	4.76	R 7.90	19.11	9.21	—	9.06	9.06	—	9.06
1995	—	R 4.24	8.36	8.34	4.62	R 8.17	19.41	9.79	—	R 9.43	R 9.43	—	R 9.43
1996	—	R 4.44	9.29	9.33	5.61	R 8.54	20.08	10.12	—	R 9.93	R 9.93	—	R 9.93
1997	—	R 3.70	9.39	9.12	5.30	R 7.56	17.98	10.34	—	R 10.07	R 10.05	—	R 10.05
1998	—	R 2.38	8.11	8.08	4.30	R 6.66	19.07	8.95	—	8.77	8.77	26.12	8.77
1999	—	R 4.60	8.81	8.45	4.09	R 8.53	16.75	9.91	—	R 9.53	R 9.53	—	R 9.53
2000	—	R 2.72	R 10.87	R 11.78	7.44	—	17.99	12.79	—	R 12.59	R 12.59	—	R 12.59
2001	—	6.80	11.01	11.16	6.53	13.18	19.00	12.04	—	11.84	11.84	—	11.84
	Expenditures in Million Nominal Dollars												
1970	(s)	—	0.2	2.9	0.5	(s)	1.5	81.0	(s)	86.0	86.0	—	86.0
1975	(s)	—	0.2	8.5	1.5	(s)	2.1	137.6	(s)	149.9	149.9	—	149.9
1980	—	—	1.1	32.7	4.9	(s)	4.5	286.2	—	329.5	329.5	—	329.5
1985	—	—	1.1	R 52.9	6.7	0.6	5.1	283.2	—	R 349.5	R 349.5	—	R 349.5
1986	—	—	1.2	R 44.7	3.1	0.4	4.4	227.7	—	R 281.5	R 281.5	—	R 281.5
1987	—	—	0.8	R 56.4	4.2	R 0.4	4.3	253.6	(s)	R 319.8	R 319.8	—	R 319.8
1988	—	—	0.6	R 61.0	3.2	R 0.4	4.5	274.2	—	R 344.0	R 344.0	—	R 344.0
1989	—	—	0.7	R 53.0	6.6	0.4	4.5	296.7	0.1	R 362.0	R 362.0	—	R 362.0
1990	—	—	0.7	R 58.7	6.6	0.4	4.7	333.6	0.1	R 404.8	R 404.8	—	R 404.8
1991	—	—	0.7	R 56.5	4.6	0.5	4.9	331.6	(s)	R 398.7	R 398.7	—	R 398.7
1992	—	R (s)	0.6	R 72.6	3.0	0.4	5.4	333.1	0.1	R 415.2	R 415.2	—	R 415.2
1993	—	R 0.1	0.5	R 81.5	3.5	0.3	5.7	334.9	—	R 426.4	R 426.4	—	R 426.4
1994	—	R (s)	0.5	R 83.6	3.7	0.6	6.0	340.3	—	R 434.6	R 434.7	—	R 434.7
1995	—	R 0.1	0.5	R 96.2	3.3	R 0.4	6.0	363.1	—	R 469.6	R 469.6	—	R 469.6
1996	—	R 0.1	0.5	R 121.0	3.2	0.5	6.0	381.9	—	R 513.1	R 513.2	—	R 513.2
1997	—	R 0.6	0.6	R 96.1	3.2	0.5	5.7	404.4	—	R 510.4	R 511.0	—	R 511.0
1998	—	R (s)	0.4	R 84.0	3.0	(s)	6.3	346.6	—	R 440.3	R 440.3	(s)	R 440.3
1999	—	R (s)	0.5	R 98.7	3.3	0.1	5.6	392.8	—	R 501.0	R 501.0	—	R 501.0
2000	—	R (s)	R 2.2	R 85.4	6.1	—	5.9	553.8	—	R 653.5	R 653.5	—	R 653.5
2001	—	(s)	2.4	109.9	4.5	(s)	5.7	492.2	—	614.7	614.7	—	614.7

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Vermont (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.49	—	0.83	0.92	—	0.91	—	—	1.31	0.99	0.75
1975	2.05	1.17	1.95	2.42	—	2.41	0.31	—	2.65	2.02	0.37
1980	1.73	4.50	—	6.28	—	6.28	0.58	1.74	4.72	—	0.77
1985	2.03	4.84	—	5.83	—	5.83	0.64	0.79	6.36	—	0.89
1986	1.88	2.26	—	3.55	—	3.55	0.70	0.32	6.31	4.80	1.84
1987	—	—	—	3.39	—	3.39	0.69	0.95	6.11	—	1.62
1988	—	—	—	3.71	—	3.71	0.71	0.87	6.02	4.58	1.67
1989	—	2.59	—	4.23	—	4.23	0.62	2.92	6.05	4.60	1.54
1990	—	2.36	—	5.53	—	5.53	0.57	2.82	5.84	5.66	1.32
1991	—	1.74	—	4.70	—	4.70	0.56	2.60	4.60	3.06	1.13
1992	—	2.02	—	4.43	—	4.43	0.53	2.74	4.37	3.19	1.24
1993	—	2.02	—	4.85	—	4.85	0.54	2.60	4.01	2.89	1.37
1994	—	2.32	—	4.54	—	4.54	0.49	2.65	4.09	2.27	1.30
1995	—	1.95	—	4.12	—	4.12	0.48	2.87	4.04	2.18	1.52
1996	—	3.18	—	5.24	—	5.24	0.47	2.73	3.82	2.31	1.37
1997	—	3.12	—	4.54	—	4.54	0.43	2.51	3.77	1.62	1.31
1998	—	2.86	—	3.27	—	3.27	0.45	2.45	4.01	3.02	1.46
1999	—	3.19	—	3.54	—	3.54	0.44	2.48	4.92	4.16	2.13
2000	—	4.86	—	6.76	—	6.76	0.44	2.57	3.04	3.52	1.11
2001	—	4.78	—	5.79	—	5.79	0.40	2.80	3.29	—	1.08
	Expenditures in Million Nominal Dollars										
1970	0.7	—	0.1	1.4	—	1.6	—	—	0.2	(s)	2.4
1975	0.7	0.7	(s)	1.2	—	1.2	12.0	—	0.7	(s)	15.2
1980	0.4	1.1	—	2.3	—	2.3	18.7	0.9	3.0	—	26.4
1985	1.4	0.5	—	1.1	—	1.1	20.4	2.3	7.0	—	32.7
1986	0.6	(s)	—	0.9	—	0.9	15.2	0.3	36.7	0.6	53.1
1987	—	—	—	1.4	—	1.4	25.5	1.5	47.4	—	75.9
1988	—	—	—	1.6	—	1.6	30.9	0.9	58.9	0.7	91.6
1989	—	0.1	—	1.2	—	1.2	23.8	5.6	47.3	5.3	72.7
1990	—	1.7	—	0.2	—	0.2	21.9	2.8	36.0	1.9	60.7
1991	—	1.9	—	0.4	—	0.4	24.3	3.0	31.9	3.4	58.0
1992	—	1.6	—	0.2	—	0.2	20.8	3.8	40.9	7.3	60.1
1993	—	0.5	—	0.5	—	0.5	19.2	7.4	42.4	4.9	65.1
1994	—	0.4	—	0.6	—	0.6	22.0	7.8	48.7	3.4	76.1
1995	—	0.3	—	0.9	—	0.9	19.5	9.9	60.6	3.3	87.9
1996	—	0.1	—	0.5	—	0.5	18.6	9.9	49.6	2.3	76.3
1997	—	0.1	—	0.8	—	0.8	19.2	9.8	52.6	0.7	81.9
1998	—	0.5	—	2.0	—	2.0	15.9	9.0	48.7	0.8	75.4
1999	—	0.8	—	1.3	—	1.3	18.8	10.3	124.6	2.3	153.5
2000	—	5.0	—	6.3	—	6.3	20.9	10.1	40.4	13.0	69.6
2001	—	0.6	—	2.9	—	2.9	17.5	11.0	29.7	—	61.8

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Virginia

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	0.40	0.42	0.42	0.96	1.14	0.73	1.95	2.85	0.31	1.35	1.49	—	1.19	1.17	0.35	4.91	1.80
1975	—	1.30	1.30	1.71	2.60	2.03	3.63	4.77	1.80	3.02	3.16	0.28	1.46	2.51	1.24	9.63	3.94
1980	1.86	1.70	1.71	3.62	6.84	6.46	6.33	9.97	3.75	7.13	7.48	0.74	2.16	5.27	2.00	15.77	7.94
1985	1.93	1.78	1.79	5.68	R 7.75	5.79	R 10.04	9.33	4.26	7.41	R 8.08	0.55	2.46	R 5.11	1.18	17.06	R 8.65
1986	1.75	R 1.69	1.69	5.06	R 5.87	3.83	R 9.40	6.97	2.15	5.94	R 5.87	0.53	2.26	4.01	1.14	16.97	R 7.41
1987	1.72	1.58	1.59	4.53	R 6.07	4.05	R 9.37	7.60	2.99	5.61	R 6.35	0.56	2.15	R 4.27	1.24	17.03	R 7.59
1988	1.73	1.55	1.57	4.40	R 5.92	3.77	R 9.25	7.85	2.21	5.61	R 6.35	0.53	2.16	R 4.19	1.11	16.64	R 7.55
1989	1.75	R 1.56	1.57	4.95	R 6.46	4.34	R 8.55	8.55	2.67	5.50	R 6.84	0.39	R e 1.46	R e 4.50	R 1.30	17.26	R e 8.01
1990	1.80	1.58	R 1.59	R 4.63	R 7.73	5.53	R 11.42	9.46	3.24	5.64	R 7.95	0.47	R 1.17	R 4.74	R 1.09	17.70	R 8.57
1991	1.72	R 1.55	R 1.56	R 4.65	R 7.34	4.78	R 11.89	9.02	2.03	5.83	R 7.56	0.53	R 1.24	R 4.48	R 1.09	17.89	R 8.46
1992	1.74	R 1.52	R 1.53	R 4.62	R 7.03	4.47	R 9.67	9.04	2.25	5.57	R 7.48	0.43	R 1.21	R 4.42	R 1.08	18.43	R 8.55
1993	1.68	R 1.51	R 1.52	R 4.93	R 6.87	4.16	R 10.06	8.89	2.02	5.64	R 7.33	0.43	R 1.22	R 4.41	R 1.16	18.30	R 8.67
1994	1.57	R 1.50	R 1.51	R 4.65	R 6.78	3.84	R 10.60	8.89	2.07	5.70	R 7.32	0.45	R 1.19	R 4.36	R 1.11	18.20	R 8.58
1995	1.57	R 1.50	R 1.51	R 4.47	R 6.70	3.87	11.41	9.12	2.36	6.07	R 7.68	0.46	R 1.25	R 4.43	R 1.12	18.38	R 8.70
1996	1.68	R 1.48	R 1.49	R 5.35	R 7.36	4.70	R 12.88	9.75	2.82	6.46	R 8.38	0.42	R 1.10	R 4.77	R 1.09	17.88	R 9.08
1997	R 1.75	R 1.45	R 1.47	R 5.96	R 7.06	4.44	12.54	9.65	R 2.76	6.22	R 8.15	0.43	R 1.05	R 4.80	R 1.08	18.02	R 9.16
1998	R 1.67	R 1.44	R 1.45	R 5.32	R 6.19	3.31	11.69	8.25	2.00	5.32	R 6.87	R 0.45	R 1.26	R 4.18	R 1.11	17.25	R 8.36
1999	R 1.74	R 1.40	R 1.42	R 5.32	R 6.70	3.84	11.73	8.91	R 2.30	5.56	R 7.46	R 0.44	R 1.36	R 4.42	R 1.11	17.22	R 8.72
2000	R 1.66	R 1.37	R 1.38	R 7.00	R 9.36	6.58	15.38	12.02	R 4.08	7.48	R 10.19	R 0.43	R 1.58	R 5.80	R 1.26	17.43	R 10.47
2001	1.73	1.62	1.62	8.23	8.56	5.74	16.77	11.25	3.38	6.78	9.53	0.44	1.54	5.88	1.44	18.18	10.72
	Expenditures in Million Nominal Dollars																
1970	0.3	115.4	115.7	126.6	163.6	44.9	17.8	727.8	65.0	86.0	1,105.0	—	16.5	1,363.8	-101.4	494.4	1,756.9
1975	—	220.2	220.2	205.0	344.3	131.9	41.2	1,484.6	462.4	123.9	2,588.3	27.7	19.7	3,060.9	-455.1	1,280.5	3,886.2
1980	33.0	363.6	396.6	548.0	980.1	444.2	70.2	3,092.9	575.1	557.9	5,720.5	92.8	32.1	6,789.8	-726.4	2,581.5	8,645.0
1985	45.7	R 483.7	R 529.4	783.7	R 1,194.1	357.1	R 140.8	3,086.8	221.1	552.6	R 5,552.6	129.1	47.0	R 7,041.9	-512.3	3,343.0	R 9,872.6
1986	42.1	R 468.7	R 510.8	706.0	R 1,012.4	283.6	R 115.0	2,387.3	158.2	378.5	R 4,334.9	118.0	46.0	R 5,715.7	-508.1	3,643.1	R 8,850.7
1987	43.4	R 493.6	R 537.0	707.2	R 1,107.8	327.8	R 140.7	2,788.8	196.1	347.5	R 4,908.7	105.5	41.3	R 6,299.7	-535.4	3,868.1	R 9,632.4
1988	42.8	R 492.9	R 535.8	701.7	R 1,206.0	331.6	R 140.1	2,932.4	133.6	332.2	R 5,075.9	117.4	43.2	R 6,474.0	-520.8	3,964.8	R 9,918.0
1989	44.0	R 557.7	R 601.7	851.4	R 1,131.4	383.1	R 136.8	3,184.6	R 191.1	335.2	R 5,362.2	59.3	R e 77.6	R e 6,952.3	R -601.8	4,307.6	R e 10,658.1
1990	42.7	R 522.4	R 565.1	R 839.2	R 1,340.9	489.8	R 164.4	3,495.0	R 150.5	328.1	R 5,968.7	118.5	R 64.1	R 7,555.6	R -555.8	4,374.5	R 11,374.3
1991	44.9	R 547.6	R 592.5	R 830.0	R 1,240.9	318.7	R 196.9	3,341.2	R 108.3	332.7	R 5,538.8	132.0	R 75.2	R 7,168.5	R -587.6	4,557.9	R 11,138.7
1992	45.4	R 535.2	R 580.5	R 973.1	R 1,158.0	294.4	R 164.3	3,398.0	R 104.6	318.9	R 5,438.1	106.1	R 76.6	R 7,174.5	R -596.3	4,781.6	R 11,359.7
1993	43.4	R 559.9	R 603.3	R 1,174.3	R 1,147.7	279.6	R 172.9	3,447.2	R 100.0	329.9	R 5,477.4	102.0	R 81.8	R 7,438.8	R -702.9	5,053.1	R 11,789.0
1994	40.7	R 518.7	R 559.4	R 1,163.5	R 1,196.5	261.3	R 186.0	3,489.2	R 96.1	336.4	R 5,565.4	120.6	R 85.8	R 7,494.7	R -682.7	5,075.7	R 11,887.7
1995	40.8	R 538.2	R 578.9	R 1,216.4	R 1,189.0	232.1	R 195.0	3,751.1	R 73.6	344.6	R 5,785.4	120.8	R 112.0	R 7,813.5	R -702.6	5,311.7	R 12,422.6
1996	44.1	R 595.1	R 639.2	R 1,375.8	R 1,533.1	245.5	R 238.1	4,026.4	R 64.5	395.3	R 6,502.9	116.4	R 103.9	R 8,738.2	R -717.3	5,316.8	R 13,337.7
1997	R 46.3	R 590.1	R 636.3	R 1,470.0	R 1,547.9	236.5	235.7	4,095.2	R 81.0	399.8	R 6,596.2	R 122.7	R 90.1	R 8,915.3	R -734.1	5,348.5	R 13,529.7
1998	R 46.5	R 590.1	R 636.6	R 1,373.8	R 1,290.1	191.2	167.9	3,535.1	R 82.4	382.1	R 5,648.8	R 128.7	R 108.3	R 7,896.1	R -788.1	5,305.1	R 12,413.1
1999	48.8	R 582.0	R 630.8	R 1,448.4	R 1,401.5	203.0	193.7	3,939.8	R 99.7	408.4	R 6,246.2	R 129.7	R 122.8	R 8,577.9	R -821.9	5,435.4	R 13,191.4
2000	R 49.1	R 651.5	R 700.6	R 1,837.7	R 2,158.4	370.8	R 335.5	5,362.2	R 238.3	R 500.6	R 8,965.8	R 127.2	R 130.6	R 11,761.9	R -978.4	5,722.4	R 16,505.9
2001	44.9	738.7	783.6	1,916.8	1,954.5	324.9	290.5	5,323.4	179.6	449.7	8,522.5	119.0	107.2	11,449.2	-1,087.4	5,928.4	16,290.2

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Virginia

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.34	1.45	1.37	1.44	2.27	1.45	0.73	1.42	6.11	2.39
1975	2.73	2.20	2.69	2.99	4.43	2.88	1.45	2.55	11.05	5.08
1980	3.85	4.20	7.10	7.96	8.07	7.32	3.70	5.68	17.80	10.10
1985	3.92	6.76	7.89	7.26	10.48	7.96	R 4.19	R 7.19	19.49	R 12.02
1986	3.59	6.24	6.43	6.03	9.86	R 6.65	R 3.36	6.26	19.48	R 11.70
1987	3.53	5.63	5.93	6.13	10.08	R 6.42	3.20	5.89	19.62	R 11.62
1988	3.49	5.58	6.01	5.87	9.81	R 6.34	3.23	5.84	19.29	R 11.41
1989	3.59	6.33	6.49	6.23	11.03	R 7.01	3.57	6.50	20.33	R 12.45
1990	3.48	R 6.47	8.25	7.34	13.03	R 8.87	3.53	R 7.38	21.24	R 13.85
1991	3.35	R 6.52	7.54	6.27	13.55	R 8.42	R 3.38	R 7.15	21.51	R 14.04
1992	3.32	6.44	6.93	5.14	10.59	R 7.32	R 3.09	R 6.61	22.37	R 13.83
1993	3.37	R 7.18	6.66	4.72	11.58	R 7.21	3.02	R 6.93	22.19	R 14.13
1994	3.45	R 7.34	6.37	5.21	12.94	R 7.41	2.93	R 7.11	22.72	R 14.49
1995	3.35	R 6.97	6.30	5.26	13.31	R 7.69	2.87	R 6.98	22.99	R 14.59
1996	3.37	R 7.64	7.10	5.67	14.78	R 8.51	3.29	R 7.72	22.27	R 14.35
1997	3.30	8.24	7.07	5.64	13.98	R 8.49	3.27	R 8.14	22.71	R 14.88
1998	3.25	R 8.21	6.45	4.23	13.10	R 7.19	2.84	7.57	22.02	R 14.71
1999	3.19	R 8.30	6.56	4.99	13.22	7.73	2.92	R 7.86	21.93	14.81
2000	3.12	R 9.65	9.47	8.36	17.34	R 11.09	4.38	10.01	22.04	R 15.70
2001	4.18	11.52	9.06	7.62	18.69	10.95	4.17	11.03	22.85	16.90
	Expenditures in Million Nominal Dollars									
1970	8.4	73.8	77.7	37.1	12.3	127.1	3.8	213.2	240.5	453.7
1975	6.2	109.5	142.4	34.9	25.7	203.0	7.9	326.6	598.6	925.2
1980	3.8	233.9	305.3	63.4	44.7	413.3	15.8	666.8	1,198.3	1,865.1
1985	R 5.8	342.4	R 263.9	148.6	68.1	R 480.6	27.6	R 856.4	1,500.6	R 2,357.0
1986	R 5.1	334.3	R 271.2	84.5	54.9	R 410.7	R 21.6	R 771.6	1,677.6	R 2,449.2
1987	R 6.6	324.8	R 262.1	75.9	68.9	R 406.8	17.1	R 755.3	1,799.3	R 2,554.7
1988	R 5.6	340.1	R 279.3	87.6	63.9	R 430.8	17.9	R 794.5	1,856.0	R 2,650.5
1989	R 3.7	406.7	R 264.3	80.2	84.6	R 429.1	R 20.5	R 860.0	2,027.0	R 2,887.0
1990	R 4.1	347.2	R 291.8	48.2	100.3	R 440.3	18.9	R 810.5	2,038.6	R 2,849.2
1991	R 2.1	368.6	R 233.6	47.0	113.6	R 394.3	19.0	R 784.0	2,173.2	R 2,957.2
1992	R 2.9	417.7	R 224.3	37.4	93.2	R 354.9	18.3	R 793.8	2,273.3	R 3,067.1
1993	R 4.7	491.7	R 205.3	39.8	99.9	R 345.0	19.4	R 860.7	2,458.7	R 3,319.5
1994	4.1	497.3	R 202.7	37.1	114.7	R 354.6	18.4	R 874.4	2,507.2	R 3,381.6
1995	3.1	493.4	R 189.4	36.4	138.5	R 364.3	20.1	R 880.8	2,625.8	R 3,506.6
1996	4.0	605.1	R 238.8	49.7	170.3	R 458.7	R 22.9	R 1,090.8	2,632.9	R 3,723.7
1997	1.6	635.6	R 214.9	50.6	173.8	R 439.3	15.8	R 1,092.4	2,628.1	R 3,720.5
1998	R 1.6	541.5	R 188.6	49.3	124.3	R 362.2	12.4	R 917.7	2,607.6	R 3,525.3
1999	R 1.3	595.7	R 189.1	43.8	139.9	R 372.7	13.7	R 983.4	2,677.4	R 3,660.7
2000	0.7	795.4	R 313.3	R 77.8	218.9	R 610.0	21.5	R 1,427.6	2,822.6	R 4,250.2
2001	1.5	840.2	273.6	72.6	214.7	560.9	17.5	1,420.1	2,904.5	4,324.6

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Virginia

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.42	0.94	1.08	0.65	1.48	2.85	0.32	1.18	0.73	0.96	4.84	2.58
1975	1.47	1.69	2.37	2.36	2.79	4.77	1.85	2.60	1.45	1.93	9.49	5.48
1980	1.64	3.71	6.46	5.94	4.60	9.97	3.91	6.32	3.70	4.27	15.79	10.01
1985	1.69	5.76	6.16	7.26	9.63	9.33	4.29	R 6.48	4.19	R 5.69	17.35	R 11.90
1986	1.61	5.07	4.00	6.03	8.98	6.97	2.40	R 4.10	3.36	4.44	17.21	R 11.25
1987	1.55	4.46	4.14	6.13	8.74	7.60	3.05	R 4.50	3.20	4.23	17.12	R 11.05
1988	1.53	4.28	3.77	5.87	8.78	7.85	2.32	R 4.41	3.23	4.11	16.55	R 10.87
1989	1.56	4.74	4.41	6.23	6.23	8.55	2.72	R 5.05	1.45	R 4.61	16.89	R 11.53
1990	1.64	4.73	5.62	7.34	9.53	9.46	3.31	R 6.21	1.59	R 4.91	17.15	R 11.91
1991	1.61	R 4.65	5.05	6.27	10.14	9.02	2.32	R 5.77	1.96	R 4.80	17.16	R 12.11
1992	1.63	R 4.78	4.77	5.14	8.64	9.04	2.41	R 5.34	1.75	R 4.71	17.73	R 12.14
1993	1.64	R 5.35	4.63	4.72	8.49	8.89	2.22	R 4.94	1.94	R 4.92	17.53	R 12.06
1994	1.66	5.46	4.34	5.21	9.18	8.89	2.36	R 4.82	1.79	R 4.94	16.94	R 11.73
1995	1.69	4.93	4.48	5.26	9.44	9.12	2.68	R 5.02	1.56	R 4.65	17.10	R 11.66
1996	1.73	5.71	5.33	5.67	10.78	9.75	3.13	R 5.76	1.51	R 5.25	16.79	R 11.47
1997	1.76	6.18	4.99	5.64	11.01	9.65	2.91	R 5.69	1.49	R 5.74	16.84	R 11.87
1998	1.75	R 5.86	4.02	4.23	10.27	8.25	2.21	R 4.55	1.31	R 5.19	15.95	R 11.34
1999	1.73	R 5.77	4.43	4.99	10.01	8.91	2.65	R 5.02	1.03	R 5.27	15.84	R 11.35
2000	1.58	R 7.32	7.18	8.36	12.88	12.02	4.23	R 7.54	1.39	R 7.04	16.08	R 12.16
2001	1.76	9.02	6.34	7.62	13.92	11.25	3.75	7.02	1.17	7.83	16.63	13.01
	Expenditures in Million Nominal Dollars											
1970	2.1	28.9	13.1	0.3	1.4	3.1	0.2	18.2	0.1	49.3	178.4	227.7
1975	7.8	55.5	26.8	0.6	2.9	7.8	2.9	40.8	0.1	104.3	453.5	557.8
1980	6.1	144.9	61.5	1.5	4.5	19.4	10.9	97.8	0.4	249.2	914.1	1,163.3
1985	R 8.9	203.3	R 98.5	8.8	11.1	22.4	11.9	R 152.7	0.7	R 365.6	1,272.5	R 1,638.1
1986	R 7.6	186.8	R 73.4	4.9	8.8	14.5	14.7	R 116.4	0.7	R 311.6	1,380.2	R 1,691.7
1987	R 9.7	182.8	R 71.7	6.9	10.6	20.3	19.0	R 128.4	0.6	R 321.5	1,459.5	R 1,781.0
1988	R 8.7	187.0	R 65.3	9.0	10.1	20.7	5.9	R 111.0	0.6	R 307.3	1,476.1	R 1,783.4
1989	R 6.0	217.8	R 67.2	9.9	8.4	22.6	3.6	R 111.7	1.9	R 337.3	1,599.4	R 1,936.7
1990	R 7.8	202.3	R 92.2	5.8	13.0	23.7	R 4.5	R 139.2	2.7	R 351.9	1,643.1	R 1,995.0
1991	R 4.6	213.8	R 72.6	5.3	15.0	16.2	1.7	R 110.7	2.0	R 331.1	1,720.2	R 2,051.3
1992	R 6.4	252.3	R 63.1	3.7	13.4	16.4	3.4	R 100.0	2.0	R 360.7	1,806.2	R 2,166.9
1993	R 10.4	296.1	R 69.7	4.3	12.9	5.7	2.5	R 95.1	2.2	R 403.9	1,878.9	R 2,282.8
1994	11.1	300.2	R 69.3	3.0	14.4	6.4	2.3	R 95.4	2.2	R 408.9	1,827.5	R 2,236.4
1995	10.5	289.3	R 69.3	8.2	17.4	6.3	3.5	R 104.6	2.7	R 407.1	1,928.0	R 2,335.1
1996	15.1	351.4	R 105.5	8.9	21.9	6.6	R 5.0	R 147.9	4.3	R 518.7	1,938.0	R 2,456.7
1997	7.1	399.2	R 86.3	11.9	24.2	6.9	R 2.3	R 131.6	4.0	R 542.0	1,962.9	R 2,504.8
1998	R 7.1	356.7	R 72.5	10.4	17.2	5.3	R 1.6	R 106.9	4.0	R 474.7	1,947.7	R 2,422.4
1999	R 5.0	368.5	R 73.9	9.0	18.7	7.7	R 3.0	R 112.3	4.0	R 489.8	1,994.1	R 2,483.8
2000	3.1	500.4	R 138.9	R 13.1	28.7	7.6	R 11.5	R 199.8	5.3	R 708.5	2,110.6	R 2,819.1
2001	5.2	559.8	109.4	9.8	28.2	7.3	6.6	161.3	6.5	732.8	2,230.1	2,962.9

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Virginia

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	0.40	0.42	0.42	0.49	0.68	0.60	0.65	1.48	5.08	2.85	0.34	1.01	0.79	1.47	0.61	3.08	0.84
1975	—	1.47	1.47	1.08	1.82	2.19	2.36	2.79	7.48	4.77	1.81	2.90	2.19	1.47	1.74	7.37	2.47
1980	1.86	1.64	1.69	2.99	3.60	5.33	5.94	4.60	14.36	9.97	3.58	7.43	5.62	1.51	3.69	12.19	4.73
1985	1.93	1.69	1.74	4.60	4.93	6.51	6.54	9.63	17.61	9.33	4.29	8.23	6.53	1.51	R 4.03	12.47	R 5.26
1986	1.75	1.61	1.64	3.81	4.21	4.60	4.46	8.98	15.59	6.97	2.40	5.94	R 4.81	1.73	R 3.18	12.08	4.55
1987	1.72	1.55	1.59	3.50	3.29	4.43	4.45	8.74	13.58	7.60	3.05	6.77	R 4.85	1.73	R 3.07	12.12	4.44
1988	1.73	1.53	1.57	3.22	3.25	3.87	4.09	8.78	14.62	7.85	2.32	5.81	R 4.55	1.73	R 2.88	11.95	4.33
1989	1.75	1.56	R 1.60	3.76	2.96	4.85	5.11	6.23	14.48	8.55	2.72	6.17	4.62	R d 1.20	R d 2.84	12.33	R d 4.27
1990	1.80	1.64	R 1.67	3.52	2.99	5.64	6.34	9.53	14.60	9.46	3.31	6.85	R 5.15	R 0.96	R 3.00	12.51	R 4.37
1991	1.72	1.61	R 1.63	R 3.65	3.10	5.22	5.51	10.14	16.80	9.02	2.32	6.06	5.24	R 1.12	R 2.90	12.39	R 4.24
1992	1.74	1.63	R 1.65	R 3.58	2.35	5.04	4.90	8.64	18.32	9.04	2.41	6.34	R 4.89	R 1.12	R 2.88	12.54	R 4.33
1993	1.68	1.64	R 1.65	3.71	2.96	4.74	4.65	8.49	18.96	8.89	2.22	5.66	R 4.90	R 1.10	R 2.97	12.29	R 4.45
1994	1.57	1.66	R 1.63	3.03	2.91	4.63	4.78	7.93	19.11	8.89	2.36	5.64	4.85	R 1.10	R 2.78	12.19	R 4.27
1995	1.57	1.69	R 1.66	3.25	3.28	4.66	4.42	8.04	19.41	9.12	2.68	6.02	R 5.20	R 1.18	R 2.88	12.20	R 4.33
1996	1.68	1.73	R 1.72	3.92	3.33	5.40	5.50	9.30	20.08	9.75	3.13	6.76	5.76	R 0.97	R 3.19	11.69	R 4.54
1997	R 1.75	1.76	R 1.76	4.48	3.55	5.02	5.10	9.08	17.98	9.65	2.91	6.21	R 5.41	R 0.98	R 3.36	11.73	R 4.70
1998	R 1.67	1.75	R 1.73	3.90	3.31	3.81	3.77	8.26	19.07	8.25	2.21	4.65	R 4.54	R 1.28	3.01	11.18	R 4.35
1999	R 1.74	1.73	1.73	R 3.80	3.23	4.61	4.32	8.62	16.75	8.91	2.65	5.96	R 4.99	R 1.42	R 3.17	11.26	R 4.50
2000	R 1.66	1.58	R 1.61	R 5.03	4.04	7.57	7.99	12.59	17.99	12.02	4.23	8.09	R 7.27	1.47	R 4.01	11.42	R 5.29
2001	1.73	1.76	1.75	5.77	3.82	6.83	6.89	12.48	19.00	11.25	3.75	6.94	6.71	1.59	4.19	12.21	5.63
	Expenditures in Million Nominal Dollars																
1970	0.3	41.8	42.1	22.5	10.2	15.3	1.5	3.8	8.9	9.8	8.6	9.0	67.0	12.6	144.3	75.5	219.8
1975	—	97.0	97.0	39.4	28.1	36.8	2.2	12.0	13.9	11.5	85.4	20.5	210.5	11.6	358.4	228.3	586.7
1980	33.0	115.4	148.4	161.9	62.6	111.0	9.0	20.3	36.8	14.6	110.9	328.6	693.7	15.9	1,019.9	467.5	1,487.4
1985	45.7	138.1	183.8	232.5	132.0	R 126.2	7.7	57.8	41.0	33.6	83.5	156.4	R 638.3	18.6	R 1,073.2	566.4	R 1,639.6
1986	42.1	133.9	176.0	183.2	124.2	R 98.4	4.8	49.2	35.5	25.2	46.5	73.3	R 457.2	23.8	R 840.1	580.5	R 1,420.6
1987	43.4	141.0	184.4	195.3	96.2	R 102.6	3.1	58.3	35.0	29.5	46.1	83.8	R 454.5	23.7	R 857.9	604.1	R 1,462.0
1988	42.8	142.3	185.1	172.3	77.6	R 100.2	3.5	62.6	36.3	28.4	34.7	69.9	R 413.2	24.6	R 795.2	627.8	R 1,423.0
1989	44.0	137.9	R 182.0	217.1	82.4	R 108.3	4.1	41.4	36.9	34.5	R 41.0	72.3	R 420.8	R d 55.1	R d 875.1	676.6	R d 1,551.7
1990	42.7	153.2	R 195.9	263.7	93.3	R 118.5	2.7	48.7	38.3	35.0	R 50.5	88.5	R 475.5	R 39.4	R 974.5	688.2	R 1,662.7
1991	44.9	172.4	R 217.3	217.6	76.9	R 102.5	2.9	64.1	39.4	31.8	R 26.1	106.7	R 450.5	R 49.0	R 934.4	659.8	R 1,594.1
1992	45.4	145.6	R 191.0	R 244.6	58.5	R 85.2	1.6	54.1	43.8	31.7	R 34.7	114.6	R 424.3	R 50.6	R 910.5	697.0	R 1,607.5
1993	43.4	116.9	R 160.3	270.5	72.7	R 86.6	2.3	56.4	46.2	29.6	R 28.8	102.4	R 425.1	R 54.7	R 910.6	710.4	R 1,621.0
1994	40.7	116.7	R 157.4	258.3	75.9	R 73.7	2.7	51.2	48.6	31.0	R 28.9	103.9	R 415.9	R 58.5	R 890.0	735.9	R 1,625.9
1995	40.8	108.6	R 149.4	313.3	79.3	R 96.6	3.1	37.0	48.6	34.2	R 21.3	104.6	R 424.6	R 80.2	R 967.5	753.4	R 1,720.9
1996	44.1	112.4	R 156.5	R 326.9	77.6	R 135.8	3.6	44.0	48.8	38.9	R 26.3	141.9	R 516.9	R 68.7	R 1,069.0	741.5	R 1,810.5
1997	R 46.3	R 108.4	R 154.6	R 379.7	81.9	R 144.4	2.6	36.3	46.1	40.3	R 34.3	146.4	R 532.3	R 63.9	R 1,130.6	753.2	R 1,883.8
1998	R 46.5	R 102.9	R 149.4	R 358.8	85.5	R 97.3	2.5	25.4	51.2	34.1	R 17.2	115.2	R 428.4	R 84.4	R 1,021.1	745.4	R 1,766.5
1999	48.8	95.3	R 144.1	R 354.4	102.4	R 114.2	1.4	34.6	45.4	26.5	R 18.3	144.8	R 487.6	R 95.8	R 1,081.9	759.3	R 1,841.2
2000	R 49.1	R 97.9	R 147.0	R 368.9	104.0	R 211.8	R 2.6	86.1	48.1	35.7	R 33.4	R 189.4	R 711.0	R 100.0	R 1,326.9	784.3	R 2,111.2
2001	44.9	108.3	153.2	365.8	107.8	197.9	2.5	47.1	46.5	80.7	13.7	142.9	639.2	78.3	1,236.5	788.8	2,025.3

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Virginia

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.42	—	2.17	1.25	0.73	1.48	5.08	2.85	0.30	1.95	1.95	—	1.95
1975	1.47	—	3.45	2.72	2.03	2.79	7.48	4.77	1.61	3.91	3.91	—	3.91
1980	—	—	9.02	7.27	6.46	4.60	14.36	9.97	3.32	8.72	8.72	14.65	8.73
1985	—	—	9.99	8.34	5.79	R 10.38	17.61	9.33	4.18	8.55	8.55	17.33	8.55
1986	—	—	8.41	6.34	3.83	R 9.86	15.59	6.97	1.91	6.29	6.29	18.20	6.29
1987	—	—	7.55	6.93	4.05	R 9.80	13.58	7.60	2.81	R 6.86	R 6.86	16.57	6.86
1988	—	—	7.41	6.74	3.77	R 9.85	14.62	7.85	1.99	6.89	6.89	16.10	6.90
1989	—	—	8.28	7.26	4.34	R 6.99	14.48	8.55	2.34	R 7.54	R 7.54	15.09	7.54
1990	—	—	9.32	8.40	5.53	R 10.70	14.60	9.46	3.03	8.47	8.47	15.56	8.47
1991	—	—	8.71	8.10	4.78	R 11.38	16.80	9.02	1.82	8.09	8.09	15.67	8.09
1992	—	—	8.54	7.79	4.47	R 9.69	18.32	9.04	2.05	8.10	8.10	16.32	8.11
1993	—	R 5.37	8.24	7.72	4.16	R 9.51	18.96	8.89	1.83	7.99	7.99	16.30	8.00
1994	—	R 2.47	7.96	7.72	3.84	R 8.66	19.11	8.89	1.91	7.99	7.99	16.50	7.99
1995	—	2.23	8.36	7.64	3.87	R 8.99	19.41	9.12	2.21	8.23	R 8.23	15.26	8.23
1996	—	R 2.69	9.29	8.25	4.70	R 9.36	20.08	9.75	2.57	R 8.96	8.95	15.40	R 8.96
1997	—	4.84	9.39	8.06	4.44	R 8.46	17.98	9.65	R 2.62	R 8.80	R 8.80	15.08	R 8.80
1998	—	4.88	8.11	6.94	3.31	R 8.27	19.07	8.25	1.88	R 7.49	R 7.49	14.60	R 7.50
1999	—	R 6.02	8.81	7.48	3.84	R 10.99	16.75	8.91	R 2.30	R 8.15	R 8.15	14.66	R 8.15
2000	—	5.40	R 10.87	10.07	6.58	R 14.47	17.99	12.02	R 3.98	R 10.86	R 10.86	14.79	R 10.86
2001	—	5.67	11.01	9.22	5.74	15.80	19.00	11.25	3.06	10.32	10.31	15.14	10.32
	Expenditures in Million Nominal Dollars												
1970	0.1	—	3.9	56.0	44.9	0.3	13.3	714.9	22.4	855.7	855.7	—	855.7
1975	(s)	—	4.4	130.4	131.9	0.6	19.4	1,465.4	64.4	1,816.5	1,816.5	—	1,816.5
1980	—	—	9.9	475.3	444.2	0.8	46.1	3,058.9	92.3	4,127.6	4,127.6	1.6	4,129.2
1985	—	—	6.6	R 694.5	357.1	R 3.8	51.5	3,030.9	89.9	R 4,234.4	R 4,234.4	3.5	R 4,237.9
1986	—	—	6.6	R 563.9	283.6	R 2.0	44.6	2,347.5	36.1	R 3,284.3	R 3,284.3	4.8	R 3,289.1
1987	—	—	2.8	R 664.5	327.8	R 2.9	43.9	2,739.0	48.7	R 3,829.6	R 3,829.6	5.1	R 3,834.6
1988	—	—	2.8	R 754.6	331.6	R 3.5	45.6	2,883.3	34.9	R 4,056.2	R 4,056.2	4.9	R 4,061.1
1989	—	—	3.1	R 677.5	383.1	R 2.4	46.3	3,127.5	R 38.1	R 4,278.1	R 4,278.1	4.6	R 4,282.6
1990	—	—	3.3	R 819.7	489.8	R 2.5	48.0	3,436.3	R 63.3	R 4,862.8	R 4,862.8	4.6	R 4,867.4
1991	—	—	5.1	R 817.8	318.7	R 4.2	49.4	3,293.3	R 42.9	R 4,531.4	R 4,531.4	4.7	R 4,536.1
1992	—	—	4.4	R 769.5	294.4	R 3.6	55.0	3,349.9	R 36.6	R 4,513.2	R 4,513.2	5.1	R 4,518.3
1993	—	R 0.3	4.4	R 775.7	279.6	R 3.7	57.9	3,411.9	R 27.1	R 4,560.4	R 4,560.7	5.1	R 4,565.8
1994	—	R 0.2	4.1	R 831.2	261.3	R 5.7	61.0	3,451.9	R 23.3	R 4,638.5	R 4,638.7	5.0	R 4,643.7
1995	—	R 0.2	3.6	R 819.2	232.1	R 2.1	60.9	3,710.7	R 26.8	R 4,855.4	R 4,855.6	4.5	R 4,860.0
1996	—	R 0.3	3.7	R 1,029.3	245.5	R 1.9	61.2	3,980.9	R 19.7	R 5,342.0	R 5,342.4	4.5	R 5,346.8
1997	—	R 0.8	2.4	R 1,045.2	236.5	R 1.5	57.8	4,048.0	R 24.0	R 5,415.4	R 5,416.2	4.3	R 5,420.5
1998	—	R 0.9	3.7	R 922.9	191.2	R 1.1	64.2	3,495.7	R 14.9	R 4,693.6	R 4,694.5	4.4	R 4,698.8
1999	—	R 1.3	4.7	R 1,011.2	203.0	0.5	57.0	3,905.6	R 17.6	R 5,199.7	R 5,201.0	4.6	R 5,205.6
2000	—	R 1.3	R 5.3	R 1,456.4	370.8	R 1.8	60.3	5,318.9	R 105.6	R 7,319.2	R 7,320.5	4.8	R 7,325.4
2001	—	1.5	9.2	1,322.4	324.9	0.5	58.4	5,235.4	20.1	6,970.8	6,972.3	5.0	6,977.4

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Virginia (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.38	0.29	0.31	0.35	0.35	0.32	—	—	—	—	0.35
1975	1.14	0.99	1.84	2.18	—	1.85	0.28	—	—	—	1.24
1980	1.71	2.89	3.94	5.86	—	4.03	0.74	—	—	—	2.00
1985	1.80	3.44	4.37	5.57	—	4.60	0.55	—	—	—	1.18
1986	1.71	1.93	2.09	3.39	—	2.16	0.53	—	—	—	1.14
1987	1.58	2.42	3.06	3.73	—	3.11	0.56	—	—	—	1.24
1988	1.55	2.05	2.30	3.38	—	2.38	0.53	—	—	—	1.11
1989	1.55	2.48	2.78	4.01	—	2.89	0.39	0.67	—	—	1.30
1990	1.55	2.58	3.60	5.83	—	4.19	0.47	0.46	—	—	1.09
1991	1.52	1.82	2.13	4.64	—	2.50	0.53	0.50	—	—	1.09
1992	1.47	2.37	2.33	4.71	—	2.82	0.43	0.51	—	—	1.08
1993	1.47	2.79	2.03	4.11	—	2.26	0.43	0.55	—	—	1.16
1994	1.45	2.57	1.98	3.85	—	2.34	0.45	0.56	—	—	1.11
1995	1.45	2.59	2.23	3.65	—	2.63	0.46	0.70	—	—	1.12
1996	1.42	2.82	2.62	4.67	—	3.63	0.42	0.59	—	—	1.09
1997	1.39	2.74	2.69	4.34	—	3.73	0.43	0.50	—	—	1.08
1998	1.38	2.95	1.97	3.26	—	2.09	0.45	0.61	—	—	1.11
1999	1.34	3.00	2.20	3.51	—	2.36	0.44	0.67	—	—	1.11
2000	1.33	4.51	4.14	6.75	—	4.69	0.43	0.67	—	—	1.26
2001	1.59	4.38	3.38	6.12	—	3.84	0.44	0.47	—	—	1.44
	Expenditures in Million Nominal Dollars										
1970	63.1	1.3	33.8	1.5	1.8	37.0	—	—	—	—	101.4
1975	109.3	0.5	309.7	7.9	—	317.6	27.7	—	—	—	455.1
1980	238.2	7.3	361.0	27.1	—	388.1	92.8	—	—	—	726.4
1985	330.9	5.5	35.7	11.0	—	46.7	129.1	—	—	—	512.3
1986	322.1	1.7	60.8	5.4	—	66.3	118.0	—	—	—	508.1
1987	336.2	4.3	82.3	7.0	—	89.4	105.5	—	—	—	535.4
1988	336.3	2.4	58.2	6.6	—	64.8	117.4	—	—	—	520.8
1989	410.1	9.8	108.3	14.2	—	122.5	59.3	0.1	—	—	601.8
1990	357.3	26.0	32.2	18.8	—	51.0	118.5	3.1	—	—	555.8
1991	368.5	30.1	37.6	14.3	—	51.9	132.0	5.1	—	—	587.6
1992	380.3	58.5	29.9	15.9	—	45.7	106.1	5.7	—	—	596.3
1993	427.9	115.7	41.5	10.4	—	51.9	102.0	5.5	—	—	702.9
1994	386.8	107.5	41.6	19.5	—	61.1	120.6	6.6	—	—	682.7
1995	416.0	120.2	22.1	14.5	—	36.6	120.8	9.1	—	—	702.6
1996	463.6	92.0	13.5	23.8	—	37.3	116.4	8.0	—	—	717.3
1997	473.0	54.6	20.4	57.1	—	77.5	122.7	6.3	—	—	734.1
1998	478.4	115.9	48.8	8.8	—	57.7	128.7	7.4	—	—	788.1
1999	480.5	128.5	60.8	13.1	—	73.9	129.7	9.3	—	—	821.9
2000	549.8	171.7	87.8	38.0	—	125.8	127.2	3.8	—	—	978.4
2001	623.6	149.4	139.0	51.2	—	190.3	119.0	5.1	—	—	1,087.4

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Washington

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.55	0.55	0.71	1.18	0.73	2.50	2.92	0.32	1.00	1.72	0.18	1.33	1.42	R 0.27	2.02	1.58
1975	—	0.61	0.61	1.60	2.55	2.04	4.46	4.62	1.93	2.01	3.25	0.24	1.48	R 2.50	R 0.60	2.77	2.79
1980	—	1.13	1.13	4.48	6.68	6.21	6.78	9.92	3.24	4.61	7.13	0.43	1.93	R 5.74	R 1.10	4.16	5.89
1985	—	R 1.74	R 1.74	5.23	R 7.67	6.03	R 9.46	9.31	4.53	4.48	7.38	0.71	1.90	R 5.71	R 1.37	9.18	7.36
1986	—	1.76	1.76	4.53	R 5.83	4.01	R 9.59	7.29	2.55	3.74	5.50	0.70	1.71	4.54	R 0.90	9.41	6.19
1987	—	R 1.73	R 1.73	3.81	R 6.34	4.02	R 9.31	7.36	2.59	3.00	5.58	0.70	R 1.79	R 4.56	R 1.53	9.80	R 6.22
1988	—	1.62	1.62	3.96	R 6.27	3.79	R 9.34	7.40	2.17	2.98	5.38	0.49	1.78	R 4.40	R 1.25	10.13	6.24
1989	—	1.62	1.62	4.02	R 6.93	4.50	R 9.73	8.03	2.19	R 3.14	R 5.94	0.48	R e 1.49	R e 4.72	R 1.35	10.34	R e 6.53
1990	—	1.65	1.65	3.60	R 7.85	5.68	R 10.44	9.45	2.70	R 3.27	R 6.91	0.47	R 1.50	R 5.35	R 1.12	10.03	R 7.00
1991	—	1.64	1.64	3.55	7.78	4.76	R 11.01	9.14	5.18	R 3.45	R 6.97	0.45	R 1.81	R 5.49	R 1.40	9.96	R 7.07
1992	—	1.44	1.44	R 3.68	R 7.68	4.56	R 10.85	9.47	1.85	R 2.81	R 6.14	0.38	R 1.56	R 4.84	R 1.48	10.12	R 6.55
1993	—	1.44	1.44	R 3.94	R 7.96	4.54	R 10.48	9.16	2.00	R 3.24	R 6.58	0.46	R 1.50	R 5.01	R 1.41	10.77	R 6.97
1994	—	1.46	1.46	R 4.09	R 7.69	4.09	R 10.66	9.70	2.03	R 3.26	R 6.71	0.47	R 1.48	R 5.10	R 1.82	11.85	R 7.20
1995	—	1.58	1.58	R 3.98	R 7.76	4.20	R 10.54	10.05	2.15	R 3.43	R 6.84	0.42	R 1.56	R 5.31	R 1.72	12.10	R 7.31
1996	—	1.62	1.62	R 4.01	R 8.75	4.96	R 10.95	10.89	2.10	R 3.61	R 7.78	0.46	R 1.50	R 5.82	R 2.09	12.35	R 7.86
1997	—	R 1.68	R 1.68	R 4.22	R 8.85	4.70	R 11.60	10.47	R 2.92	R 3.86	R 7.79	0.44	R 1.35	R 5.92	R 2.10	11.90	R 7.80
1998	—	R 1.52	R 1.52	R 3.68	R 7.36	3.36	R 9.98	8.96	2.11	R 2.96	R 6.37	R 0.42	R 1.52	R 4.82	R 1.62	11.89	R 6.94
1999	—	R 1.58	R 1.58	R 3.82	R 8.39	4.30	10.38	10.50	1.83	R 2.70	R 7.29	R 0.42	R 1.66	R 5.51	R 1.56	11.83	R 7.54
2000	—	R 1.71	R 1.71	R 5.34	R 11.01	6.92	12.91	12.89	R 3.97	R 3.32	R 9.68	R 0.47	R 1.91	R 7.13	R 2.23	12.74	R 9.46
2001	—	1.16	1.16	7.59	10.00	5.70	14.85	12.18	5.29	3.01	9.09	0.50	2.05	7.32	2.90	15.46	9.89
	Expenditures in Million Nominal Dollars																
1970	—	3.2	3.2	97.2	123.0	43.3	15.3	553.3	17.9	58.3	811.0	5.2	21.8	R 941.6	R -8.3	316.8	1,250.1
1975	—	46.9	46.9	242.3	248.4	160.7	11.5	994.2	82.8	131.0	1,628.5	8.7	23.6	R 1,968.1	R -64.6	523.9	2,427.3
1980	—	103.1	103.1	530.5	715.7	419.5	33.4	2,222.4	327.7	212.8	3,931.5	9.6	45.0	R 4,642.9	R -118.9	953.4	5,477.4
1985	—	R 162.5	R 162.5	686.4	R 893.8	522.2	R 71.9	2,152.0	314.2	276.2	R 4,230.5	60.3	57.5	R 5,235.9	R -241.3	2,331.7	R 7,326.3
1986	—	R 111.2	R 111.2	510.2	R 786.1	385.1	R 70.2	1,798.4	236.4	213.1	R 3,489.2	62.4	55.7	R 4,197.5	R -123.4	2,312.1	R 6,386.3
1987	—	R 165.1	R 165.1	476.0	R 712.8	421.2	R 95.2	1,982.5	213.1	229.9	R 3,654.6	40.5	63.9	R 4,443.2	R -235.8	2,427.3	R 6,634.7
1988	—	R 160.5	R 160.5	551.3	R 740.1	440.3	R 77.8	1,971.8	210.7	225.6	R 3,666.3	31.1	R 66.7	R 4,497.2	R -203.4	2,800.5	R 7,094.2
1989	—	R 156.7	R 156.7	627.7	R 837.7	522.5	R 97.5	2,269.2	R 206.6	R 252.9	R 4,186.6	31.3	R e 91.7	R e 5,096.9	R -223.6	2,983.8	R e 7,857.1
1990	—	141.0	141.0	554.3	R 921.0	716.0	R 74.0	2,654.5	R 265.7	R 253.1	R 4,884.4	28.8	R 87.3	R 5,700.7	R -161.9	3,033.6	R 8,572.4
1991	—	146.1	146.1	R 594.0	R 896.7	572.7	R 81.3	2,604.9	R 548.9	R 278.4	R 4,982.9	19.9	R 79.7	R 5,863.7	R -197.6	3,069.8	R 8,735.8
1992	—	153.3	153.3	R 629.1	R 872.6	619.4	R 77.1	2,747.1	R 266.4	R 288.0	R 4,870.5	22.7	R 95.5	R 5,864.4	R -296.4	3,014.3	R 8,582.2
1993	—	141.2	141.2	R 858.5	R 876.9	570.3	R 73.5	2,761.4	R 194.3	R 246.5	R 4,723.0	34.6	R 87.6	R 5,859.0	R -289.6	3,248.2	R 8,817.6
1994	—	155.9	155.9	R 1,014.4	R 1,022.0	497.6	R 81.3	2,914.6	R 194.1	R 279.4	R 4,989.0	33.1	R 88.8	R 6,320.3	R -423.3	3,445.5	R 9,342.5
1995	—	110.4	110.4	R 985.9	R 961.8	547.6	R 93.1	3,084.0	R 231.7	R 285.2	R 5,203.3	30.3	R 98.6	R 6,428.4	R -314.4	3,568.6	R 9,682.6
1996	—	147.7	147.7	R 1,068.3	R 1,143.6	627.1	R 108.9	3,498.5	R 166.5	R 306.2	R 5,850.7	26.8	R 92.2	R 7,249.2	R -446.8	3,625.7	R 10,428.1
1997	—	135.6	135.6	R 1,052.6	R 1,262.7	597.9	R 200.8	3,340.3	R 234.4	R 279.4	R 5,915.6	R 28.9	R 86.8	R 7,292.3	R -404.6	3,530.5	R 10,418.2
1998	—	R 156.9	R 156.9	R 1,035.8	R 935.5	416.8	R 155.6	2,887.9	R 124.4	R 340.1	R 4,860.3	R 30.4	R 95.7	R 6,227.7	R -372.6	3,627.7	R 9,482.8
1999	—	R 153.4	R 153.4	R 1,076.2	R 1,182.1	540.6	155.1	3,460.8	R 89.6	R 363.3	R 5,791.5	R 26.7	R 107.6	R 7,204.1	R -319.7	3,925.4	R 10,809.7
2000	—	R 182.1	R 182.1	R 1,507.2	R 1,609.8	969.9	R 263.1	4,234.5	R 174.4	R 352.8	R 7,604.6	R 41.9	R 123.9	R 9,439.1	R -624.4	4,131.2	R 12,945.8
2001	—	115.0	115.0	2,316.3	1,402.9	705.5	319.6	4,029.3	208.9	347.9	7,014.1	43.3	118.2	9,535.4	-770.6	4,141.1	12,906.0

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Washington

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	0.95	1.33	1.40	2.47	3.05	1.57	0.82	1.44	3.12	2.09
1975	1.14	2.18	2.80	3.61	5.73	2.97	1.62	2.50	3.94	3.20
1980	4.26	5.05	7.27	9.80	8.12	7.40	4.15	5.88	5.56	5.69
1985	3.67	6.35	7.76	11.34	8.46	7.92	R 4.69	R 6.69	11.14	9.42
1986	3.79	5.76	5.95	5.06	9.77	6.24	R 3.76	5.75	11.45	9.27
1987	3.76	5.25	6.10	4.76	10.26	R 6.66	3.58	R 5.50	12.20	R 9.62
1988	3.37	5.36	6.03	5.16	10.31	R 6.46	R 3.62	R 5.49	12.45	R 9.67
1989	3.66	5.32	6.71	5.46	13.86	R 7.54	R 3.99	5.81	12.69	R 9.93
1990	3.77	4.87	7.90	7.55	12.32	R 8.47	4.75	R 5.82	12.88	R 9.99
1991	5.21	4.54	7.80	5.91	12.62	8.64	R 4.55	5.53	12.79	9.73
1992	3.76	4.84	7.24	5.30	12.21	R 8.24	R 4.16	R 5.51	13.07	R 9.92
1993	3.77	R 5.04	7.67	5.81	11.37	R 8.38	4.06	R 5.63	13.48	R 10.09
1994	3.74	R 5.46	7.30	5.07	11.01	R 7.98	3.94	R 5.86	14.57	R 10.71
1995	3.77	R 5.65	7.39	5.12	10.83	R 8.25	3.86	R 6.00	14.55	R 10.81
1996	4.03	R 5.44	8.29	5.35	11.90	R 9.10	4.43	R 6.07	14.76	R 10.80
1997	3.71	R 5.38	8.75	4.97	13.21	R 10.52	4.41	R 6.45	14.51	R 10.82
1998	3.66	R 5.58	7.51	6.67	11.21	R 9.03	3.82	6.19	14.74	R 10.85
1999	3.69	R 5.58	8.18	6.61	11.62	R 9.47	3.93	R 6.20	14.95	R 10.81
2000	3.72	R 6.87	11.10	9.80	15.20	R 12.78	5.90	R 7.87	15.04	R 11.68
2001	3.48	9.46	10.26	21.62	16.57	13.19	5.62	9.92	16.70	13.24
	Expenditures in Million Nominal Dollars									
1970	0.4	44.8	57.4	1.6	13.2	72.2	2.4	119.9	163.5	283.4
1975	0.1	78.1	78.3	4.2	8.6	91.1	5.2	174.5	258.0	432.5
1980	3.3	158.0	144.9	3.6	18.7	167.2	16.9	345.3	463.8	809.2
1985	R 4.1	217.8	R 136.1	5.5	16.8	R 158.5	R 22.2	R 402.5	1,061.8	R 1,464.3
1986	R 1.7	179.1	R 108.0	1.4	15.2	R 124.7	17.3	R 322.8	1,035.3	R 1,358.1
1987	R 1.0	161.5	R 91.3	1.1	25.0	R 117.4	22.6	R 302.5	1,072.8	R 1,375.4
1988	R 1.9	192.4	R 98.8	1.7	20.0	R 120.6	R 23.8	R 338.6	1,156.0	R 1,494.6
1989	R 1.5	210.6	R 108.6	1.7	31.0	R 141.2	27.2	R 380.6	1,241.0	R 1,621.6
1990	R 1.1	202.5	R 123.1	2.1	29.3	R 154.6	38.0	R 396.1	1,265.9	R 1,662.0
1991	R 1.7	216.3	R 112.3	1.5	40.7	R 154.5	R 38.3	R 410.8	1,303.9	R 1,714.7
1992	R 1.4	215.2	R 87.9	0.9	38.9	R 127.7	36.8	R 381.2	1,267.7	R 1,648.8
1993	R 1.7	278.5	R 100.6	1.4	37.8	R 139.8	30.7	R 450.8	1,422.2	R 1,872.9
1994	1.1	302.9	R 100.1	1.9	37.8	R 139.8	R 29.3	R 473.1	1,475.5	R 1,948.6
1995	0.9	310.8	R 86.2	2.5	48.5	R 137.2	31.8	R 480.7	1,497.0	R 1,977.7
1996	0.3	354.2	R 106.4	3.4	54.1	R 163.8	36.4	R 554.7	1,611.7	R 2,166.4
1997	0.2	348.6	R 94.3	3.7	114.9	R 212.9	27.8	R 589.6	1,572.2	R 2,161.8
1998	0.1	361.7	R 76.9	4.7	88.4	R 170.0	21.8	R 553.6	1,577.1	R 2,130.7
1999	0.2	421.6	R 90.1	3.2	84.2	R 177.5	24.0	R 623.4	1,673.4	R 2,296.8
2000	0.2	513.9	R 112.3	R 3.6	113.5	R 229.4	37.7	R 781.2	1,695.1	R 2,476.3
2001	0.2	826.4	113.3	12.4	135.0	260.7	30.7	1,118.1	1,801.6	2,919.6

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Washington

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.52	1.05	1.21	0.84	1.19	2.92	0.33	1.21	0.82	1.12	3.21	1.90
1975	0.90	1.75	2.60	2.31	2.67	4.62	2.45	2.87	1.62	2.06	4.10	2.94
1980	2.28	4.59	6.90	7.04	5.60	9.92	3.61	6.76	4.15	5.00	5.67	5.33
1985	2.30	5.24	5.91	11.34	9.94	9.31	4.05	R 6.08	4.69	5.45	10.57	R 7.85
1986	2.09	4.91	3.42	5.06	9.65	7.29	2.07	R 3.84	3.76	4.47	10.95	8.05
1987	2.35	4.36	4.22	4.76	9.07	7.36	2.58	R 4.72	3.58	R 4.45	10.92	R 8.06
1988	2.33	4.47	3.88	5.16	9.14	7.40	2.01	R 4.35	3.62	R 4.36	11.01	R 7.89
1989	2.39	R 4.53	4.74	5.46	8.61	8.03	2.33	5.22	3.99	4.66	11.47	8.41
1990	2.45	4.02	5.45	7.55	9.62	9.45	2.84	R 5.98	4.75	R 4.47	11.63	R 8.57
1991	2.72	3.94	5.12	5.91	9.89	9.14	2.30	5.55	4.55	4.24	11.78	R 8.54
1992	2.72	4.18	4.98	5.30	9.86	9.47	2.26	R 5.67	4.16	R 4.35	12.15	R 9.14
1993	2.63	R 4.36	5.19	5.81	9.81	9.16	2.08	R 5.56	4.06	R 4.45	12.76	R 9.33
1994	3.05	R 4.70	4.50	5.07	10.75	9.70	2.37	R 5.08	3.94	R 4.69	13.43	R 9.87
1995	3.11	R 4.80	4.91	5.12	10.89	10.05	2.75	R 5.44	3.86	4.85	13.65	R 10.08
1996	2.99	R 4.63	5.82	5.35	12.24	10.89	3.07	R 6.30	4.43	R 4.84	13.86	R 10.18
1997	2.90	R 4.51	5.41	4.97	12.46	10.47	2.82	R 6.77	4.41	R 4.83	13.74	R 10.13
1998	R 2.46	R 4.55	4.06	6.67	10.88	8.96	1.96	R 5.62	3.82	R 4.66	13.61	R 10.15
1999	2.43	R 4.64	5.04	6.61	11.19	10.50	2.65	R 6.95	3.93	4.94	13.77	R 10.15
2000	R 2.51	R 5.77	7.42	9.80	14.11	12.89	4.35	R 9.40	5.90	6.23	13.74	R 10.78
2001	2.43	8.33	6.38	21.62	15.36	12.18	3.59	8.41	5.62	8.27	15.67	12.52
	Expenditures in Million Nominal Dollars											
1970	0.2	20.4	15.7	0.1	0.9	4.7	1.0	22.3	(s)	43.0	73.6	116.6
1975	0.2	58.2	23.0	0.3	0.7	9.1	5.5	38.6	0.1	97.1	145.3	242.5
1980	6.6	148.7	43.1	0.7	2.3	24.9	9.7	80.7	0.4	236.4	267.8	504.2
1985	R 9.1	193.3	R 143.1	13.2	3.5	17.4	19.0	R 196.3	0.6	R 399.3	683.7	R 1,083.0
1986	R 3.2	161.7	R 49.0	1.5	2.6	11.8	1.8	R 66.8	0.5	R 232.2	702.8	R 935.0
1987	R 2.1	145.6	R 48.6	21.8	3.9	12.2	0.9	R 87.3	0.8	R 235.8	734.0	R 969.9
1988	R 4.7	168.3	R 55.6	25.4	3.1	10.8	2.8	R 97.7	0.9	R 271.6	777.6	R 1,049.1
1989	R 3.7	180.2	R 47.7	20.1	3.4	11.0	1.0	R 83.2	1.0	R 268.2	807.5	R 1,075.7
1990	R 2.8	160.1	R 59.2	0.6	4.0	14.0	R 0.9	R 78.8	2.4	R 244.1	853.4	R 1,097.5
1991	R 4.0	169.5	R 47.8	0.6	5.6	9.1	R 1.4	R 64.5	2.4	R 240.4	883.0	R 1,123.4
1992	R 4.5	163.3	R 27.0	0.4	5.5	6.5	0.8	R 40.2	2.4	R 210.4	933.9	R 1,144.3
1993	R 5.5	197.6	R 30.3	0.4	5.8	2.3	0.8	R 39.5	2.5	R 245.1	999.7	R 1,244.9
1994	5.0	210.6	R 29.2	0.5	6.5	2.5	0.7	R 39.4	2.5	R 257.4	1,071.1	R 1,328.6
1995	4.8	212.8	R 36.2	0.4	8.6	3.1	1.9	R 50.2	2.4	R 270.2	1,113.9	R 1,384.1
1996	1.4	231.5	R 33.5	0.2	9.8	3.4	R 3.2	R 50.2	3.0	R 286.2	1,189.0	R 1,475.2
1997	1.3	220.8	R 34.2	0.4	19.1	3.3	0.8	R 57.8	3.1	R 282.9	1,181.0	R 1,464.0
1998	R 0.8	216.9	R 20.3	0.9	15.1	2.9	0.4	R 39.7	2.6	R 260.0	1,201.0	R 1,461.0
1999	R 0.9	248.1	R 27.9	0.4	14.3	17.6	R 0.5	R 60.7	3.0	R 312.7	1,254.0	R 1,566.7
2000	1.2	303.8	R 39.0	0.7	18.6	18.4	R 0.7	R 77.4	4.5	R 386.8	1,314.4	R 1,701.3
2001	1.2	492.7	44.8	2.6	22.1	9.3	0.2	78.9	3.3	576.1	1,471.4	2,047.5

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Washington

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.52	0.52	0.38	0.66	0.73	0.84	1.19	5.08	2.92	0.33	0.60	0.67	1.45	0.60	0.97	0.70
1975	—	0.90	0.90	1.29	1.77	2.05	2.31	2.67	7.48	4.62	1.78	1.50	1.86	1.45	1.57	1.37	1.51
1980	—	2.28	2.28	4.09	3.70	6.06	7.04	5.60	14.36	9.92	3.36	3.07	4.26	1.45	3.84	2.26	3.29
1985	—	2.30	2.30	4.58	4.17	6.18	7.01	9.94	17.61	9.31	4.05	2.36	R 4.48	1.45	R 4.11	6.23	4.80
1986	—	2.09	2.09	3.49	3.94	3.91	4.88	9.65	15.59	7.29	2.07	1.90	R 3.28	1.45	3.05	6.29	4.07
1987	—	2.35	2.35	2.78	3.21	4.58	4.88	9.07	13.58	7.36	2.58	1.75	R 3.19	1.45	R 2.85	6.71	4.00
1988	—	2.33	2.33	2.89	3.41	4.23	5.05	9.14	14.62	7.40	2.01	1.65	R 2.84	1.45	R 2.67	7.68	4.37
1989	—	2.39	2.39	2.84	3.29	4.78	5.59	8.61	14.48	8.03	2.33	R 1.94	R 3.44	R d 1.19	R d 2.76	7.77	R d 4.45
1990	—	2.45	2.45	2.64	3.18	5.51	7.29	9.62	14.60	9.45	2.84	R 2.19	R 3.67	R 0.97	R 2.79	7.00	R 4.30
1991	—	2.72	2.72	2.71	3.40	5.37	6.16	9.89	16.80	9.14	2.30	R 2.38	R 3.75	R 1.15	R 3.01	6.72	R 4.39
1992	—	2.72	2.72	R 2.82	2.85	5.28	5.38	9.86	18.32	9.47	2.26	R 1.87	R 3.16	R 1.13	R 2.69	6.56	R 3.95
1993	—	2.63	2.63	R 3.10	3.30	5.60	5.21	9.81	18.96	9.16	2.08	R 1.85	R 3.53	R 1.12	R 2.92	7.02	R 4.28
1994	—	3.05	3.05	2.83	3.31	5.03	5.30	10.79	19.11	9.70	2.37	R 1.88	R 3.45	R 1.16	R 2.82	8.18	R 4.38
1995	—	3.11	3.11	R 2.63	3.34	5.35	5.48	10.23	19.41	10.05	2.75	R 2.10	R 3.65	R 1.23	R 2.80	8.67	R 4.51
1996	—	2.99	2.99	R 2.57	3.38	6.18	6.35	9.85	20.08	10.89	3.07	R 2.30	R 4.02	R 1.04	R 2.90	8.37	R 4.38
1997	—	2.90	2.90	R 3.01	3.44	5.83	6.49	9.45	17.98	10.47	2.82	R 2.44	R 4.34	R 1.03	R 3.12	7.58	R 4.39
1998	—	R 2.46	R 2.46	R 2.52	3.52	4.54	4.39	8.25	19.07	8.96	1.96	R 1.72	R 3.11	R 1.31	R 2.59	7.72	R 3.90
1999	—	2.43	R 2.43	R 2.68	3.52	5.54	4.40	8.81	16.75	10.50	2.65	R 1.73	R 3.08	R 1.44	R 2.68	7.75	R 4.10
2000	—	2.48	2.48	R 3.85	3.52	8.26	8.39	11.29	17.99	12.89	4.35	R 2.00	R 4.38	R 1.48	R 3.68	9.68	R 5.51
2001	—	2.40	2.40	4.85	3.52	7.19	7.00	13.61	19.00	12.18	3.59	1.91	4.33	1.59	4.00	13.13	5.82
	Expenditures in Million Nominal Dollars																
1970	—	2.7	2.7	32.0	10.2	19.6	0.5	1.1	8.2	8.4	13.1	21.5	82.5	19.3	136.5	79.7	216.1
1975	—	9.8	9.8	106.0	34.1	44.8	1.5	1.8	8.7	10.6	47.9	57.9	207.3	18.3	341.4	120.6	462.0
1980	—	16.2	16.2	220.5	50.3	150.7	1.5	10.5	17.6	14.5	113.3	79.2	437.7	27.7	702.1	221.7	923.8
1985	—	10.3	10.3	274.9	56.4	R 96.3	36.6	40.5	19.6	33.8	121.8	86.0	R 491.0	32.4	R 808.7	585.8	R 1,394.5
1986	—	15.4	15.4	169.0	62.9	R 79.2	18.0	43.0	17.0	28.4	74.1	60.5	R 383.0	37.3	R 604.7	573.5	R 1,178.3
1987	—	13.8	13.8	168.6	48.3	R 82.0	0.4	58.6	16.7	28.5	79.2	89.6	R 403.3	37.1	R 622.9	620.0	R 1,242.9
1988	—	12.3	12.3	185.1	43.5	R 64.8	0.5	46.0	17.3	26.3	70.0	86.1	R 354.5	38.6	R 590.4	866.5	R 1,456.9
1989	—	11.8	11.8	193.8	57.1	R 103.3	0.2	55.7	17.6	29.4	R 19.3	R 104.5	R 387.1	R d 60.4	R d 653.1	934.8	R d 1,587.9
1990	—	12.7	12.7	190.8	52.4	R 126.8	0.5	31.1	18.3	32.7	R 24.2	R 119.1	R 405.0	R 44.7	R 653.2	913.7	R 1,567.0
1991	—	11.6	11.6	203.4	67.0	R 123.2	0.2	26.7	18.8	38.1	R 13.0	R 131.7	R 418.8	R 36.2	R 670.0	882.3	R 1,552.3
1992	—	9.2	9.2	R 213.7	57.2	R 118.6	0.2	25.7	20.9	40.1	R 9.5	R 144.0	R 416.2	R 51.1	R 690.2	812.1	R 1,502.2
1993	—	9.2	9.2	R 273.9	64.4	R 127.9	0.2	22.9	22.1	25.3	R 7.3	R 95.0	R 365.0	R 48.2	R 696.2	825.7	R 1,521.9
1994	—	11.8	11.8	R 293.7	77.6	R 129.1	0.2	26.5	23.2	27.0	R 8.6	R 105.5	R 397.8	R 51.5	R 754.7	898.2	R 1,652.9
1995	—	13.2	13.2	R 280.4	78.8	R 114.8	0.7	29.8	23.2	29.1	R 8.6	R 112.3	R 397.2	R 59.7	R 750.5	957.0	R 1,707.5
1996	—	8.9	8.9	R 278.6	82.9	R 131.8	0.8	40.0	23.3	32.1	R 2.7	R 124.0	R 437.6	R 47.8	R 772.9	824.4	R 1,597.2
1997	—	9.3	9.3	R 322.4	92.3	R 115.8	0.8	63.6	22.0	32.4	R 2.3	R 95.9	R 425.2	R 52.3	R 809.2	776.5	R 1,585.7
1998	—	R 6.6	R 6.6	R 320.3	95.4	R 112.3	0.8	49.1	24.5	22.9	R (s)	R 138.6	R 443.7	R 65.1	R 835.8	849.0	R 1,684.8
1999	—	5.3	R 5.3	R 316.8	95.7	R 115.1	0.6	56.1	21.7	27.7	R 2.6	R 175.0	R 494.5	R 72.6	R 889.3	997.1	R 1,886.4
2000	—	7.0	R 7.0	R 300.3	115.5	R 140.9	R 1.2	130.2	23.0	35.8	R 8.7	R 133.6	R 588.8	R 70.7	R 966.9	1,121.0	R 2,087.9
2001	—	7.0	7.0	338.9	80.0	148.8	1.0	161.2	22.2	66.0	0.1	166.2	645.5	68.3	1,059.7	867.2	1,926.9

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Washington

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.52	—	2.17	1.32	0.73	1.19	5.08	2.92	0.30	2.23	2.23	2.16	2.23
1975	0.90	—	3.45	2.65	2.04	2.67	7.48	4.62	2.14	3.73	3.73	3.20	3.73
1980	—	—	9.02	6.72	6.21	5.60	14.36	9.92	3.15	7.86	7.86	4.26	7.86
1985	—	—	9.99	8.77	6.03	R 9.34	17.61	9.31	5.02	8.24	8.24	8.28	8.24
1986	—	—	8.41	6.71	4.01	R 9.06	15.59	7.29	2.86	6.07	6.07	8.39	6.07
1987	—	—	7.55	7.22	4.02	R 8.52	13.58	7.36	2.60	R 6.18	R 6.18	7.63	R 6.18
1988	—	—	7.41	7.24	3.79	R 8.58	14.62	7.40	2.26	6.00	6.00	8.49	6.00
1989	—	—	8.28	7.92	4.50	R 8.09	14.48	8.03	2.18	6.42	6.42	9.19	R 6.42
1990	—	3.93	9.32	9.04	5.68	R 9.03	14.60	9.45	2.69	7.52	7.52	9.18	7.52
1991	—	3.94	8.71	8.94	4.76	R 9.29	16.80	9.14	5.36	7.58	7.58	9.40	7.58
1992	—	4.07	8.54	8.68	4.56	R 9.26	18.32	9.47	1.84	R 6.71	R 6.71	9.79	R 6.71
1993	—	4.26	8.24	9.06	4.54	R 9.21	18.96	9.16	2.00	R 7.08	R 7.08	10.35	R 7.08
1994	—	R 4.11	7.96	8.79	4.09	R 9.28	19.11	9.70	2.01	R 7.31	R 7.31	11.23	R 7.31
1995	—	R 5.40	8.36	8.75	4.20	R 9.51	19.41	10.05	2.13	R 7.38	R 7.38	10.98	R 7.38
1996	—	R 2.52	9.29	9.71	4.96	R 9.39	20.08	10.89	2.08	R 8.43	R 8.43	11.24	R 8.43
1997	—	R 3.63	9.39	9.76	4.70	R 9.16	17.98	10.47	R 2.93	R 8.27	R 8.27	11.90	R 8.27
1998	—	R 3.67	8.11	8.36	3.36	R 8.05	19.07	8.96	2.11	R 7.08	R 7.08	10.59	R 7.08
1999	—	R 3.64	8.81	9.16	4.30	R 10.17	16.75	10.50	R 1.81	R 8.33	R 8.33	10.72	R 8.33
2000	—	R 3.79	R 10.87	11.79	6.92	R 13.17	17.99	12.89	R 3.96	R 10.77	R 10.76	10.70	R 10.76
2001	—	3.89	11.01	10.92	5.70	14.56	19.00	12.18	5.29	10.19	10.18	13.75	10.18
	Expenditures in Million Nominal Dollars												
1970	(s)	—	3.8	30.3	43.3	0.2	12.3	540.2	3.8	633.9	633.9	(s)	634.0
1975	(s)	—	4.8	102.2	160.7	0.4	19.4	974.5	28.3	1,290.3	1,290.3	(s)	1,290.3
1980	—	—	16.2	375.8	419.5	1.9	43.6	2,183.1	200.3	3,240.3	3,240.3	(s)	3,240.3
1985	—	—	10.2	R 517.8	522.2	R 11.1	48.7	2,100.7	173.4	R 3,384.1	R 3,384.1	0.4	R 3,384.5
1986	—	—	9.7	R 549.6	385.1	R 9.4	42.2	1,758.2	160.5	R 2,914.4	R 2,914.4	0.4	R 2,914.8
1987	—	—	10.5	R 490.5	421.2	R 7.7	41.5	1,941.9	133.0	R 3,046.2	R 3,046.2	0.4	R 3,046.6
1988	—	—	8.0	R 520.6	440.3	R 8.7	43.1	1,934.6	137.9	R 3,093.2	R 3,093.2	0.4	R 3,093.5
1989	—	—	7.9	R 577.1	522.5	R 7.4	43.8	2,228.8	R 183.9	R 3,571.4	R 3,571.4	0.5	R 3,571.9
1990	—	0.2	14.7	R 611.0	716.0	R 9.5	45.4	2,607.9	R 240.5	R 4,245.1	R 4,245.3	0.5	R 4,245.8
1991	—	0.3	11.8	R 612.8	572.7	R 8.2	46.8	2,557.7	R 534.5	R 4,344.5	R 4,344.8	0.6	R 4,345.4
1992	—	R 0.2	12.5	R 638.8	619.4	R 6.9	52.0	2,700.5	R 256.0	R 4,286.0	R 4,286.2	0.7	R 4,286.9
1993	—	R 0.3	8.2	R 616.5	570.3	R 7.1	54.8	2,733.8	R 186.3	R 4,177.0	R 4,177.3	0.7	R 4,177.9
1994	—	R 0.3	12.8	R 762.9	497.6	R 10.5	57.7	2,885.2	R 184.8	R 4,411.5	R 4,411.8	0.7	R 4,412.5
1995	—	R 0.5	9.7	R 718.0	547.6	R 6.2	57.6	3,051.8	R 221.2	R 4,612.1	R 4,612.6	0.7	R 4,613.2
1996	—	0.3	13.7	R 861.1	627.1	R 5.0	57.9	3,463.0	R 160.6	R 5,188.3	R 5,188.6	0.7	R 5,189.3
1997	—	R 0.5	9.6	R 1,004.2	597.9	R 3.2	54.7	3,304.6	R 231.3	R 5,205.5	R 5,206.0	0.7	R 5,206.7
1998	—	R 0.7	14.6	R 724.1	416.8	R 2.9	60.8	2,862.0	R 123.9	R 4,205.1	R 4,205.8	0.7	R 4,206.4
1999	—	R 0.9	12.6	R 948.4	540.6	0.5	53.9	3,415.5	R 86.5	R 5,058.1	R 5,059.0	0.7	R 5,059.7
2000	—	R 1.0	R 18.2	R 1,287.4	969.9	R 0.8	57.1	4,180.3	R 165.0	R 6,678.7	R 6,679.7	0.7	R 6,680.4
2001	—	1.1	8.2	1,076.9	705.5	1.3	55.2	3,954.1	208.6	6,009.8	6,010.9	0.9	6,011.9

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Washington (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	—	—	0.32	0.38	—	0.33	0.18	0.65	1.31	0.99	0.27
1975	0.57	—	2.50	2.43	—	2.50	0.24	—	2.65	2.02	0.60
1980	0.96	3.43	3.58	6.40	—	3.93	0.43	—	4.72	3.59	1.10
1985	1.65	4.54	—	5.72	—	5.72	0.71	0.79	6.36	4.84	1.37
1986	1.69	2.81	3.16	2.76	—	2.79	0.70	0.32	6.31	4.80	0.90
1987	1.67	2.50	2.82	4.10	—	4.03	0.70	0.95	6.11	4.65	1.53
1988	1.55	3.05	2.66	4.03	—	3.98	0.49	0.87	6.02	4.58	1.25
1989	1.56	5.05	2.54	4.52	—	2.95	0.48	0.79	6.05	4.60	1.35
1990	1.58	3.03	3.05	5.15	—	5.09	0.47	0.61	5.84	5.66	1.12
1991	1.55	3.83	6.19	5.72	—	5.74	0.45	0.76	4.60	3.06	1.40
1992	1.37	3.16	2.18	4.66	—	4.50	0.38	0.78	4.37	3.19	1.48
1993	1.36	3.76	2.31	4.69	—	4.66	0.46	0.86	4.01	2.89	1.41
1994	1.37	4.71	—	4.72	—	4.72	0.47	0.77	4.09	2.27	1.82
1995	1.44	4.38	—	4.85	—	4.85	0.42	0.78	4.04	2.18	1.72
1996	1.57	4.75	—	5.09	—	5.09	0.46	0.78	3.82	2.31	2.09
1997	1.63	5.65	—	4.99	—	4.99	0.44	0.55	3.77	1.62	2.10
1998	1.49	3.26	—	4.05	—	4.05	0.42	0.91	4.01	3.02	1.62
1999	1.56	2.62	—	4.79	—	4.79	0.42	1.07	4.92	4.16	1.56
2000	1.69	5.09	—	6.64	0.43	6.64	0.47	1.11	3.04	3.52	2.23
2001	1.11	7.42	—	6.35	—	6.35	0.50	1.83	3.29	3.82	2.90
	Expenditures in Million Nominal Dollars										
1970	—	—	(s)	(s)	—	(s)	5.2	(s)	4.0	0.9	8.3
1975	36.7	—	1.1	0.1	—	1.2	8.7	—	25.9	7.8	64.6
1980	77.1	3.3	4.5	1.1	—	5.7	9.6	—	53.0	29.8	118.9
1985	139.0	0.4	—	0.6	—	0.6	60.3	2.3	99.5	60.8	241.3
1986	90.9	0.4	(s)	0.3	—	0.3	62.4	0.6	28.2	59.5	123.4
1987	148.1	0.2	(s)	0.4	—	0.4	40.5	3.4	104.7	61.6	235.8
1988	141.6	5.5	(s)	0.4	—	0.4	31.1	3.4	53.4	32.1	203.4
1989	139.6	43.2	2.4	1.1	—	3.5	31.3	3.1	63.8	60.9	223.6
1990	124.4	0.6	(s)	0.9	—	0.9	28.8	2.3	5.6	0.7	161.9
1991	128.8	4.5	(s)	0.6	—	0.6	19.9	2.8	41.1	(s)	197.6
1992	138.3	36.7	(s)	0.4	—	0.4	22.7	5.2	93.2	(s)	296.4
1993	124.8	108.3	(s)	1.7	—	1.7	34.6	6.2	24.6	10.7	289.6
1994	138.0	206.9	—	0.5	—	0.5	33.1	5.6	39.4	0.2	423.3
1995	91.6	181.3	—	6.6	—	6.6	30.3	4.6	12.2	12.2	314.4
1996	137.1	203.6	—	10.8	—	10.8	26.8	5.1	68.6	5.2	446.8
1997	124.8	160.3	—	14.2	—	14.2	28.9	3.6	92.6	19.7	404.6
1998	149.4	136.2	—	2.0	—	2.0	30.4	6.1	93.9	45.4	372.6
1999	147.0	88.8	—	0.6	—	0.6	26.7	8.0	148.3	99.6	319.7
2000	173.7	388.2	—	30.3	(s)	30.3	41.9	10.9	44.1	64.7	624.4
2001	106.6	657.1	—	19.2	—	19.2	43.3	15.9	35.4	106.9	770.6

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, West Virginia

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	0.40	0.28	0.31	0.62	1.40	0.73	1.67	2.86	0.58	R 1.06	R 1.77	—	1.16	0.68	0.26	3.96	R 1.13
1975	1.51	0.94	1.02	1.16	3.36	2.05	3.25	4.61	1.89	R 2.99	R 3.62	—	1.47	1.58	0.88	8.30	R 2.78
1980	1.86	1.41	1.46	3.18	7.24	6.46	6.16	9.96	3.33	R 7.33	R 8.06	—	2.60	3.15	1.43	10.58	R 5.76
1985	1.93	1.59	1.61	5.28	R 8.02	6.87	R 9.38	9.19	4.01	R 7.49	R 8.26	—	R 3.01	R 3.23	1.62	14.19	R 7.27
1986	1.75	1.49	1.50	4.99	R 5.74	5.14	R 8.36	7.00	2.57	R 4.40	R 5.74	—	2.03	2.61	1.50	14.81	R 5.87
1987	1.72	1.41	1.43	4.48	R 6.04	4.72	R 8.72	7.34	2.81	R 5.02	R 6.23	—	1.90	R 2.65	1.43	14.77	R 6.01
1988	1.73	1.42	1.44	4.08	R 5.86	4.45	R 10.56	7.52	2.38	R 4.32	R 6.01	—	1.91	R 2.59	1.45	14.10	R 5.69
1989	1.75	1.41	1.43	4.08	R 6.56	4.99	8.20	8.52	2.65	R 5.01	R 6.73	—	R e 2.40	R e 2.74	1.43	14.04	R e 6.02
1990	1.80	1.45	1.47	4.40	R 7.68	6.41	R 11.25	9.96	2.68	R 5.97	R 7.87	—	R 3.06	R 3.13	1.48	13.90	R 6.64
1991	1.72	1.50	R 1.51	4.59	R 7.15	5.58	R 11.63	9.92	1.92	R 5.45	R 7.84	—	R 2.95	R 3.12	1.53	14.24	R 6.87
1992	1.74	R 1.46	R 1.47	R 4.41	R 7.34	5.31	R 10.88	9.49	2.18	R 5.09	R 7.62	—	R 2.77	R 3.03	1.48	14.84	R 6.88
1993	1.68	R 1.41	R 1.43	4.43	R 7.17	4.19	R 10.66	9.61	2.41	R 4.95	R 7.61	—	R 2.72	3.00	1.43	15.34	R 6.90
1994	1.57	R 1.39	R 1.39	4.60	R 7.10	3.88	R 9.66	9.82	2.44	R 4.73	R 7.55	—	R 2.60	2.92	1.40	15.42	R 6.89
1995	1.57	R 1.28	R 1.29	R 4.54	R 7.12	3.88	R 9.39	10.02	2.68	R 5.14	R 7.88	—	R 2.54	R 2.94	1.28	15.68	R 7.25
1996	1.68	R 1.25	R 1.27	R 4.69	R 7.71	4.70	R 10.45	10.28	3.41	R 6.30	R 8.92	—	R 2.78	R 2.79	1.26	15.32	R 7.69
1997	R 1.75	R 1.25	R 1.26	R 4.56	7.87	4.44	10.49	10.30	3.38	R 6.21	R 8.97	—	R 2.61	R 2.82	R 1.25	14.75	R 7.84
1998	R 1.67	R 1.26	R 1.28	R 4.91	R 7.01	3.31	9.63	8.81	2.24	R 5.07	R 7.63	—	R 2.37	R 2.64	1.23	14.91	R 7.20
1999	R 1.74	R 1.20	R 1.22	4.98	R 7.48	3.84	12.18	9.37	3.20	R 5.05	R 8.07	—	2.44	R 2.62	1.19	14.97	R 7.55
2000	R 1.66	1.21	1.23	R 5.45	R 10.42	6.50	15.70	12.27	4.43	R 6.83	R 10.93	—	R 3.26	R 3.15	1.22	14.91	R 8.82
2001	1.73	1.26	1.28	6.11	9.63	6.53	16.97	11.48	5.32	6.00	10.18	—	2.87	3.29	1.28	14.90	8.74
	Expenditures in Million Nominal Dollars																
1970	55.3	132.2	187.5	108.3	31.9	1.2	7.8	237.6	7.5	R 97.6	R 383.5	—	4.7	R 684.1	-89.9	204.3	R 798.4
1975	178.3	655.6	833.9	171.0	114.2	2.8	18.1	467.7	26.2	R 298.6	R 927.6	—	6.6	R 1,939.1	-531.0	477.3	R 1,885.3
1980	190.2	1,063.5	1,253.7	415.1	441.1	12.9	77.7	1,014.2	24.8	R 809.8	R 2,380.6	—	8.2	R 4,057.6	-997.7	748.8	R 3,808.7
1985	72.4	1,326.1	1,398.6	510.6	R 484.9	9.0	38.4	894.2	22.2	R 541.9	R 1,990.6	—	12.8	R 3,912.5	-1,261.8	1,000.4	R 3,651.1
1986	89.0	1,226.2	1,315.2	472.4	R 268.0	6.3	34.6	686.3	15.5	R 379.2	R 1,389.8	—	16.5	R 3,194.0	-1,156.2	1,029.6	R 3,067.4
1987	81.0	1,161.0	1,242.0	444.9	R 341.6	5.6	38.0	745.6	8.1	R 420.2	R 1,559.1	—	14.5	R 3,260.4	-1,093.2	1,053.0	R 3,220.3
1988	94.3	1,225.2	1,319.5	434.9	R 332.3	6.2	45.9	780.3	8.3	R 391.2	R 1,564.3	—	15.1	R 3,333.8	-1,148.1	1,068.2	R 3,253.8
1989	91.5	R 1,239.7	R 1,331.2	475.4	R 401.5	10.6	44.3	871.9	R 14.7	R 449.8	R 1,792.9	—	R e 10.9	R e 3,610.4	R -1,160.5	1,084.9	R e 3,534.8
1990	93.1	R 1,194.6	R 1,287.6	471.2	R 473.5	9.8	R 62.3	1,027.7	R 18.4	R 584.9	R 2,176.6	—	R 7.2	R 3,942.7	R -1,109.2	1,088.7	R 3,922.2
1991	86.8	R 1,125.4	R 1,212.1	R 454.9	R 431.7	7.3	R 74.6	1,007.7	9.5	R 366.9	R 1,897.8	—	R 7.3	R 3,572.1	R -1,060.3	1,134.3	R 3,646.2
1992	75.4	R 1,120.5	R 1,195.9	R 479.7	R 428.8	8.0	R 65.7	989.7	6.4	R 360.7	R 1,859.3	—	R 7.0	R 3,542.0	R -1,056.9	1,192.9	R 3,677.9
1993	79.1	R 1,090.7	R 1,169.8	R 494.7	R 455.7	6.0	R 68.4	991.0	R 5.9	R 333.8	R 1,860.9	—	R 7.2	R 3,532.6	R -1,020.3	1,265.7	R 3,778.0
1994	72.5	R 1,169.1	R 1,241.6	R 514.6	R 474.5	4.9	R 66.6	1,024.8	R 6.0	R 340.7	R 1,917.6	—	R 7.1	3,680.9	R -1,094.0	1,289.7	R 3,876.5
1995	75.3	R 1,051.3	R 1,126.5	R 539.3	R 464.5	3.8	R 63.7	1,092.0	R 2.3	R 351.4	R 1,977.7	—	R 7.8	R 3,651.3	R -994.6	1,375.2	R 4,032.0
1996	73.1	R 1,089.9	R 1,163.0	R 563.2	R 411.3	4.5	R 81.3	1,013.2	R 5.7	R 164.7	R 1,680.6	—	R 9.0	R 3,415.9	R -1,044.4	1,352.4	R 3,723.9
1997	R 41.2	R 1,138.2	R 1,179.4	R 569.7	R 480.7	4.3	107.7	1,060.8	R 3.8	R 166.3	R 1,823.7	—	R 6.7	R 3,579.5	R -1,085.5	1,308.1	R 3,802.2
1998	R 79.6	R 1,173.5	R 1,253.1	R 534.2	R 504.1	3.3	73.1	905.9	R 0.6	R 170.4	R 1,657.4	—	R 5.4	R 3,450.1	R -1,082.5	1,334.5	R 3,702.0
1999	74.4	R 1,138.0	R 1,212.4	R 533.1	R 515.5	4.0	47.2	951.6	R 1.2	R 167.6	R 1,687.1	—	R 5.8	R 3,438.5	R -1,081.4	1,372.5	R 3,729.6
2000	R 67.8	R 1,132.5	R 1,200.3	R 595.3	R 759.2	7.0	88.4	1,241.3	R 5.5	R 188.6	R 2,289.9	—	R 8.4	R 4,093.9	R -1,094.6	1,395.3	R 4,394.5
2001	69.7	1,046.3	1,116.0	655.9	700.5	7.1	84.6	1,178.8	3.6	172.9	2,147.5	—	7.0	3,926.3	-1,020.8	1,391.7	4,297.2

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, West Virginia

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	0.66	0.87	1.37	1.64	2.49	1.75	0.73	0.91	6.41	1.72
1975	1.22	1.40	2.69	3.17	4.97	3.27	1.45	1.56	10.47	3.47
1980	1.59	3.48	6.65	8.48	8.94	7.36	3.70	4.12	12.64	6.37
1985	1.66	5.99	7.42	7.77	9.61	R 7.84	R 4.19	6.09	17.38	R 9.74
1986	1.37	5.90	5.65	5.87	7.27	R 5.92	R 3.36	R 5.72	17.84	R 9.69
1987	1.23	5.57	5.78	5.70	6.08	5.80	3.20	R 5.44	17.87	R 9.67
1988	1.24	5.11	5.67	5.58	11.03	R 6.54	3.23	5.20	17.39	R 9.33
1989	1.29	5.34	6.34	6.45	6.99	R 6.49	3.57	5.38	17.31	R 9.46
1990	1.43	6.03	7.57	7.77	12.50	R 8.72	3.53	R 6.25	17.28	R 10.32
1991	1.31	6.06	7.14	7.32	13.00	R 8.52	R 3.38	6.25	17.33	R 10.57
1992	1.15	5.92	6.60	6.36	11.46	R 7.85	R 3.09	R 6.03	18.08	R 10.56
1993	1.18	6.06	6.54	6.10	11.88	R 7.74	3.02	6.14	18.47	R 10.91
1994	1.19	6.26	6.18	6.09	14.00	R 8.06	2.93	6.37	18.65	R 11.12
1995	1.10	6.64	6.23	5.56	13.41	R 7.84	2.87	R 6.60	19.05	R 11.65
1996	1.16	6.62	7.34	6.23	13.70	8.51	3.29	6.72	18.69	11.39
1997	1.32	6.38	7.35	6.49	14.23	R 9.16	3.27	6.73	18.34	R 11.25
1998	1.30	6.86	6.25	6.28	13.17	R 7.92	2.84	R 6.87	18.45	11.85
1999	1.36	7.03	6.03	6.89	13.67	8.66	2.92	7.16	18.39	11.94
2000	1.30	6.98	9.56	9.71	17.37	R 12.35	4.38	7.77	18.36	12.36
2001	1.59	7.50	8.71	8.98	18.42	12.80	4.17	8.40	18.35	12.61
	Expenditures in Million Nominal Dollars									
1970	1.7	51.7	2.0	2.5	2.5	7.0	1.2	61.6	75.6	137.2
1975	2.1	74.5	9.1	3.1	6.1	18.3	2.6	97.4	177.9	275.3
1980	1.3	173.6	45.3	19.6	13.0	77.9	5.8	258.5	284.9	543.4
1985	0.7	234.7	R 22.3	17.2	7.8	R 47.3	9.8	R 292.5	398.1	R 690.6
1986	R 0.9	229.8	R 20.5	15.1	6.0	R 41.6	7.6	R 280.0	425.1	R 705.1
1987	R 1.0	213.1	R 24.4	11.1	6.0	R 41.5	5.7	R 261.2	442.0	R 703.2
1988	R 0.8	207.3	R 21.7	12.6	13.5	R 47.8	5.9	R 261.8	448.0	R 709.8
1989	R 1.0	213.5	R 26.5	12.6	10.2	R 49.3	6.8	R 270.6	451.0	R 721.6
1990	R 1.3	210.6	R 30.1	9.3	18.9	R 58.2	5.9	R 276.0	446.8	R 722.8
1991	R 0.6	211.8	R 25.9	8.2	18.5	R 52.5	R 6.0	R 270.9	479.4	R 750.3
1992	0.4	222.7	R 20.7	8.8	18.9	R 48.4	5.7	R 277.3	502.0	R 779.3
1993	0.5	227.1	R 23.1	11.2	20.7	R 55.0	5.8	R 288.4	547.0	R 835.4
1994	0.4	234.4	R 23.4	10.5	24.8	R 58.7	5.5	R 299.0	551.3	R 850.3
1995	0.2	249.4	R 18.0	9.0	20.2	R 47.2	6.0	R 302.9	595.8	R 898.7
1996	0.4	262.5	R 25.6	13.3	23.7	R 62.7	6.8	R 332.3	591.6	R 923.9
1997	0.4	245.1	R 25.8	14.7	34.9	R 75.4	4.5	R 325.4	564.8	R 890.2
1998	0.6	216.3	R 19.9	16.9	24.4	R 61.1	3.5	R 281.5	569.8	R 851.3
1999	0.7	233.0	R 16.9	21.5	35.2	R 73.6	3.9	R 311.2	593.0	R 904.2
2000	0.8	R 235.8	R 29.2	R 18.7	47.1	R 95.0	6.1	R 337.7	610.1	R 947.7
2001	0.2	268.0	26.4	18.0	65.8	110.2	4.9	383.3	615.5	998.9

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, West Virginia

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.35	0.69	1.08	0.77	1.45	2.86	0.86	1.57	0.73	0.70	5.81	1.88
1975	1.33	1.18	2.37	2.46	2.76	4.61	1.82	2.77	1.45	1.29	10.00	3.34
1980	1.44	3.24	6.24	6.85	5.80	9.96	4.02	7.04	3.70	3.40	12.59	6.21
1985	1.42	5.64	6.25	7.77	9.31	9.19	4.01	R 7.21	4.19	R 5.77	16.64	R 9.74
1986	1.33	5.47	3.96	5.87	8.63	7.00	2.57	R 4.86	3.36	R 4.96	16.95	R 9.43
1987	1.25	5.10	4.41	5.70	9.49	7.34	2.81	R 5.60	3.20	4.79	16.61	R 9.33
1988	1.23	4.81	4.19	5.58	10.36	7.52	2.38	R 5.13	3.23	4.62	16.04	R 8.54
1989	1.23	4.88	4.76	6.45	8.64	8.52	2.65	R 5.86	3.57	R 4.74	16.06	R 8.52
1990	1.28	5.44	5.87	7.77	10.76	9.96	2.68	R 7.19	3.53	R 5.29	15.86	R 8.98
1991	1.28	5.69	5.16	7.32	11.22	9.92	1.92	R 6.51	3.38	R 5.56	16.02	R 9.46
1992	1.28	R 5.14	4.90	6.36	10.64	9.49	2.18	R 6.41	3.09	R 5.09	16.67	R 9.28
1993	1.32	5.51	4.63	6.10	10.17	9.61	2.41	R 5.28	3.02	5.20	17.11	R 9.67
1994	1.31	5.55	4.48	6.09	9.41	9.82	2.44	R 5.20	2.93	R 5.26	17.27	R 9.78
1995	1.35	5.74	4.43	5.56	9.67	10.02	—	R 5.26	2.87	5.49	17.35	10.12
1996	1.34	5.68	5.37	6.23	10.93	10.28	—	R 6.47	3.29	5.42	16.90	R 9.72
1997	1.41	5.94	5.01	6.49	11.17	10.30	—	R 6.37	3.27	5.64	16.39	R 9.79
1998	1.95	5.89	3.78	6.28	10.42	8.81	—	R 4.97	2.84	R 5.36	16.44	R 9.70
1999	1.53	5.90	4.52	6.89	10.16	9.37	—	R 5.94	2.92	R 5.42	16.37	R 9.66
2000	1.30	6.16	7.18	9.71	13.19	12.27	—	R 8.61	4.38	5.69	16.13	9.80
2001	1.40	6.59	6.50	8.98	14.12	11.48	—	8.29	4.17	6.59	16.10	10.45
	Expenditures in Million Nominal Dollars											
1970	0.7	15.3	0.6	0.1	0.3	0.8	(s)	1.8	(s)	17.8	44.4	62.2
1975	5.3	30.2	2.9	0.1	0.6	1.4	0.1	5.2	(s)	40.8	97.5	138.3
1980	4.3	73.4	9.5	1.4	1.5	5.7	0.1	18.3	0.1	96.1	157.1	253.3
1985	R 2.2	103.7	R 24.5	5.7	1.3	14.8	0.1	R 46.5	0.3	R 152.6	253.4	R 406.0
1986	R 2.9	94.2	R 19.3	1.8	1.3	12.0	0.2	R 34.5	0.2	R 131.8	267.0	R 398.8
1987	R 3.4	92.0	R 13.2	1.9	1.7	12.5	0.1	R 29.3	0.2	R 125.0	269.6	R 394.6
1988	R 2.7	116.1	R 10.0	2.5	2.2	12.2	2.6	R 29.5	0.2	R 148.5	269.0	R 417.5
1989	R 3.6	122.3	R 15.3	2.8	2.2	13.8	1.5	R 35.6	0.3	R 161.8	275.0	R 436.8
1990	R 4.6	124.7	R 18.0	2.0	2.9	17.3	1.1	R 41.2	0.4	R 170.9	275.1	R 446.1
1991	R 2.5	128.6	R 18.0	2.7	2.8	13.7	0.6	R 37.8	0.4	R 169.2	290.5	R 459.7
1992	2.3	133.8	R 10.7	1.1	3.1	10.9	0.8	R 26.6	0.4	R 163.0	302.7	R 465.8
1993	R 2.7	143.1	R 12.6	1.3	3.1	1.0	0.3	R 18.2	0.5	R 164.6	325.3	R 489.8
1994	2.4	147.6	R 11.9	1.3	2.9	1.0	0.1	R 17.2	0.5	R 167.7	331.8	R 499.5
1995	1.9	157.6	R 9.2	1.2	2.6	1.0	—	R 14.0	0.5	R 173.9	351.8	R 525.6
1996	3.2	169.0	R 8.2	1.3	3.3	1.1	—	R 13.9	0.6	R 186.6	347.7	R 534.4
1997	3.3	164.3	R 9.2	1.9	4.8	1.0	—	R 17.0	0.5	R 185.0	337.8	R 522.8
1998	R 7.2	156.4	R 8.1	2.0	3.4	0.9	—	R 14.5	0.4	R 178.5	353.3	R 531.8
1999	R 5.8	170.1	8.4	2.5	4.6	0.9	—	R 16.4	0.5	R 192.8	366.7	R 559.5
2000	6.4	172.2	R 15.1	R 4.0	6.3	1.2	—	R 26.6	0.7	R 206.0	378.3	R 584.2
2001	1.5	195.3	15.4	3.2	8.9	1.2	—	28.7	0.5	226.0	377.0	603.0

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, West Virginia

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	0.40	0.35	0.38	0.45	0.68	0.71	0.77	1.45	5.08	2.86	0.48	R 0.87	R 0.96	1.49	0.53	2.63	R 0.67
1975	1.51	1.33	1.43	0.98	1.81	2.27	2.46	2.76	7.48	4.61	1.92	R 2.87	R 2.80	1.49	R 1.76	6.56	R 2.10
1980	1.86	1.44	1.70	2.91	3.58	6.15	6.85	5.80	14.36	9.96	3.33	R 7.19	R 6.75	1.48	R 3.89	8.58	R 4.31
1985	1.93	1.42	1.63	4.39	4.91	6.72	6.96	9.31	17.61	9.19	4.01	R 6.99	R 7.09	1.48	R 4.34	10.77	R 5.16
1986	1.75	1.33	1.53	3.85	4.19	4.66	5.02	8.63	15.59	7.00	2.57	R 3.80	R 4.29	1.49	R 3.00	11.26	R 3.87
1987	1.72	1.25	1.46	3.24	3.23	4.81	4.86	9.49	13.58	7.34	2.81	R 4.60	R 4.94	1.49	R 3.15	11.26	R 4.00
1988	1.73	1.23	1.46	2.66	3.35	4.53	4.49	10.36	14.62	7.52	2.38	R 3.82	R 4.33	1.49	R 2.77	10.57	R 3.60
1989	1.75	1.23	1.46	2.71	3.13	5.30	5.36	8.64	14.48	8.52	2.65	R 4.59	R 4.94	d 1.49	R d 3.04	10.52	R d 3.83
1990	1.80	1.28	1.50	2.75	3.07	5.89	6.78	10.76	14.60	9.96	2.68	R 5.68	R 5.84	1.64	R 3.52	10.44	R 4.25
1991	1.72	1.28	R 1.49	2.75	3.11	5.62	5.94	11.22	16.80	9.92	1.92	R 4.81	R 5.46	1.64	R 3.22	10.75	R 4.15
1992	1.74	1.28	R 1.48	R 2.71	2.35	5.35	5.17	10.64	18.32	9.49	2.18	R 4.40	R 5.13	1.64	R 3.12	11.26	R 4.16
1993	1.68	1.32	R 1.48	2.57	2.90	5.01	5.02	10.17	18.96	9.61	2.41	R 4.07	R 4.94	1.64	R 2.95	11.61	R 4.01
1994	1.57	1.31	R 1.42	2.75	2.86	4.76	5.39	8.04	19.11	9.82	2.44	R 3.86	R 4.63	1.64	R 2.87	11.67	R 3.93
1995	1.57	1.35	R 1.46	2.45	3.36	4.65	4.88	8.15	19.41	10.02	2.68	R 4.27	R 4.99	R 1.64	R 3.00	11.82	R 4.15
1996	1.68	1.34	R 1.51	2.60	3.30	5.69	5.68	9.43	20.08	10.28	3.42	R 3.66	R 6.01	R 1.64	R 3.00	11.45	R 4.39
1997	R 1.75	1.41	R 1.53	2.72	3.55	5.28	5.68	9.21	17.98	10.30	3.38	R 3.84	R 5.98	R 1.64	R 3.18	10.87	R 4.55
1998	R 1.67	1.95	R 1.81	3.19	3.26	4.17	4.39	8.38	19.07	8.81	2.24	R 2.32	R 4.68	R 1.64	R 2.92	11.07	R 4.20
1999	R 1.74	1.53	R 1.64	2.88	3.24	4.91	5.16	8.74	16.75	9.37	3.20	R 2.66	R 4.60	R 1.64	R 2.76	11.15	R 4.22
2000	R 1.66	1.30	1.48	R 3.94	4.06	7.89	8.13	14.35	17.99	12.27	4.43	R 4.25	R 7.14	R 1.64	R 3.62	11.03	R 4.92
2001	1.73	1.40	1.56	4.46	3.79	7.15	8.42	12.66	19.00	11.48	5.32	3.26	6.17	1.64	3.50	10.96	4.84
	Expenditures in Million Nominal Dollars																
1970	55.3	42.6	97.9	41.2	3.9	4.5	0.2	5.0	15.4	1.7	4.8	R 69.0	R 104.5	3.4	R 246.9	84.3	R 331.2
1975	178.3	125.7	304.0	66.1	11.3	19.1	2.0	11.2	20.3	1.9	17.9	R 250.0	R 333.7	3.9	R 707.8	201.9	R 909.6
1980	190.2	85.6	275.7	167.9	17.0	125.3	2.0	62.9	36.6	4.3	24.7	R 708.4	R 981.2	2.3	R 1,427.2	306.7	R 1,733.9
1985	72.4	74.8	147.3	171.6	14.0	R 81.4	7.0	28.5	40.9	11.1	22.1	R 430.9	R 635.9	2.7	R 957.5	348.9	R 1,306.4
1986	89.0	75.7	164.7	147.3	15.7	R 55.8	2.2	26.7	35.4	8.4	15.4	R 285.8	R 445.3	8.6	R 765.9	337.5	R 1,103.4
1987	81.0	74.1	155.1	138.8	11.5	R 80.6	3.3	29.8	34.8	9.1	8.1	R 335.6	R 512.8	8.6	R 815.3	341.4	R 1,156.8
1988	94.3	82.1	176.4	111.2	19.5	R 78.0	2.7	29.3	36.2	9.3	5.7	R 294.8	R 475.4	9.0	R 772.1	351.2	R 1,123.2
1989	91.5	85.7	177.2	139.0	16.9	R 88.5	2.7	31.2	36.7	11.1	R 13.3	R 354.7	R 555.1	R d 3.8	R d 875.1	358.9	R d 1,234.0
1990	93.1	92.4	185.5	135.2	14.8	R 108.2	1.5	39.7	38.1	13.0	R 17.3	R 494.8	R 727.5	R 1.0	R 1,049.2	366.8	R 1,415.9
1991	86.8	73.3	R 160.0	113.8	10.9	R 96.9	1.3	52.5	39.2	13.5	8.9	R 279.9	R 503.0	R 1.0	R 777.9	364.5	R 1,142.3
1992	75.4	71.6	R 147.0	R 121.0	8.6	R 78.5	1.8	42.8	43.6	12.4	R 5.6	R 270.8	R 464.2	R 0.9	R 733.1	388.1	R 1,121.3
1993	79.1	78.3	R 157.5	122.7	8.2	R 84.4	1.8	43.7	46.0	8.1	R 5.7	R 236.9	R 434.9	R 0.9	R 716.0	393.3	R 1,109.3
1994	72.5	85.4	R 157.9	130.1	13.1	R 90.7	2.1	38.0	48.4	9.3	R 5.9	R 235.3	R 443.0	R 1.2	R 732.2	406.7	R 1,138.9
1995	75.3	65.9	R 141.2	129.5	14.3	R 87.3	2.0	40.5	48.4	10.1	R 2.3	R 246.7	R 451.5	R 1.3	R 723.6	427.6	R 1,151.2
1996	73.1	53.8	R 126.9	R 130.6	20.7	R 102.8	2.5	53.8	48.5	10.1	R 5.6	R 48.0	R 292.0	R 1.6	R 551.2	413.1	R 964.3
1997	R 41.2	R 59.0	R 100.2	R 158.0	27.3	R 86.4	2.0	68.0	45.9	10.7	R 3.8	R 46.1	R 290.3	R 1.7	R 550.2	405.5	R 955.7
1998	R 79.6	R 92.0	R 171.6	R 159.3	26.5	R 73.1	1.3	45.4	51.0	10.4	R 0.6	R 41.2	R 249.4	R 1.4	R 581.8	411.4	R 993.2
1999	74.4	60.3	R 134.7	R 128.1	16.4	R 86.5	0.5	7.3	45.2	9.1	R 1.2	R 53.5	R 219.8	1.5	R 484.0	412.9	R 896.9
2000	R 67.8	52.2	R 120.0	R 184.1	21.2	R 133.3	1.0	34.9	47.9	12.8	R 5.5	R 66.2	R 322.8	R 1.4	R 628.3	406.9	R 1,035.2
2001	69.7	57.5	127.2	174.2	18.2	129.1	0.6	9.9	46.3	18.9	3.6	57.1	283.7	1.4	586.5	399.2	985.7

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, West Virginia

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.35	—	2.17	1.72	0.73	1.45	5.08	2.86	0.85	2.68	2.67	—	2.67
1975	1.33	—	3.45	3.97	2.03	2.76	7.48	4.61	—	4.50	4.50	—	4.50
1980	—	—	9.02	8.36	6.46	5.80	14.36	9.96	—	9.61	9.61	—	9.61
1985	—	—	9.99	8.76	6.87	R 9.80	17.61	9.19	4.29	R 9.13	R 9.13	—	R 9.13
1986	—	—	8.41	6.85	5.14	R 9.08	15.59	7.00	—	7.05	7.05	—	7.05
1987	—	—	7.55	7.04	4.72	R 9.98	13.58	7.34	—	7.32	7.32	—	7.32
1988	—	—	7.41	6.86	4.45	R 10.80	14.62	7.52	—	7.42	7.42	—	7.42
1989	—	—	8.28	7.50	4.99	R 9.32	14.48	8.52	—	8.27	8.27	—	8.27
1990	—	—	9.32	8.95	6.41	R 12.21	14.60	9.96	—	R 9.72	R 9.72	—	R 9.72
1991	—	—	8.71	8.23	5.58	R 12.74	16.80	9.92	—	R 9.52	R 9.52	—	R 9.52
1992	—	2.72	—	8.48	5.31	R 12.08	18.32	9.49	—	9.27	9.27	—	9.27
1993	—	2.72	8.24	8.49	4.19	R 11.87	18.96	9.61	—	9.35	9.35	—	9.35
1994	—	3.59	7.96	8.68	3.88	R 9.86	19.11	9.82	—	R 9.56	9.55	—	9.55
1995	—	1.96	8.36	8.64	3.88	R 10.24	19.41	10.02	—	R 9.71	R 9.71	—	R 9.71
1996	—	2.07	9.29	9.36	4.70	R 10.67	20.08	10.28	2.87	10.14	10.14	—	10.14
1997	—	2.52	9.39	9.32	4.44	R 9.64	17.98	10.30	—	10.08	10.08	—	10.08
1998	—	2.40	8.11	8.40	3.31	R 9.43	19.07	8.81	—	R 8.76	8.75	—	8.75
1999	—	2.42	8.81	8.81	3.84	R 12.52	16.75	9.37	—	9.24	R 9.23	—	R 9.23
2000	—	R 3.44	R 10.87	11.68	6.50	R 16.49	17.99	12.27	—	R 12.10	12.09	—	12.09
2001	—	4.46	11.01	10.96	6.53	17.11	19.00	11.48	—	11.35	11.34	—	11.34
	Expenditures in Million Nominal Dollars												
1970	0.1	—	0.9	24.8	1.2	0.1	5.7	235.1	(s)	267.7	267.9	—	267.9
1975	(s)	—	1.0	83.0	2.7	0.1	10.9	464.3	—	562.1	562.1	—	562.1
1980	—	—	3.0	236.1	12.8	0.3	21.8	1,004.2	—	1,278.1	1,278.1	—	1,278.1
1985	—	—	1.9	R 343.8	9.0	R 0.8	24.3	868.3	(s)	R 1,248.1	R 1,248.1	—	R 1,248.1
1986	—	—	2.1	R 164.2	6.3	0.6	21.0	665.8	—	R 860.1	R 860.1	—	R 860.1
1987	—	—	1.3	R 213.6	5.6	0.5	20.7	724.0	—	R 965.8	R 965.8	—	R 965.8
1988	—	—	1.4	R 214.5	6.2	R 0.9	21.5	758.8	—	R 1,003.3	R 1,003.3	—	R 1,003.3
1989	—	—	1.6	R 260.7	10.6	R 0.7	21.9	847.0	—	R 1,142.4	R 1,142.4	—	R 1,142.4
1990	—	—	1.7	R 305.1	9.8	R 0.8	22.7	997.4	—	R 1,337.4	R 1,337.4	—	R 1,337.4
1991	—	—	1.5	R 280.3	7.3	R 0.8	23.3	980.6	—	R 1,293.8	R 1,293.8	—	R 1,293.8
1992	—	R 0.1	—	R 310.3	8.0	R 0.9	25.9	966.3	—	R 1,311.5	R 1,311.6	—	R 1,311.6
1993	—	R 0.1	1.1	R 326.0	6.0	R 0.9	27.3	981.9	—	R 1,343.3	R 1,343.4	—	R 1,343.4
1994	—	R 0.2	1.0	R 337.6	4.9	R 0.9	28.8	1,014.5	—	R 1,387.8	R 1,388.0	—	R 1,388.0
1995	—	R 0.1	1.1	R 341.3	3.8	0.4	28.8	1,080.8	—	R 1,456.3	R 1,456.4	—	R 1,456.4
1996	—	R 0.2	1.5	R 263.7	4.5	R 0.4	28.9	1,002.1	0.1	R 1,301.2	R 1,301.4	—	R 1,301.4
1997	—	R 0.3	1.0	R 351.4	4.3	(s)	27.3	1,049.1	—	R 1,433.2	R 1,433.5	—	R 1,433.5
1998	—	R 0.4	1.2	R 396.0	3.3	(s)	30.3	894.6	—	R 1,325.4	R 1,325.7	—	R 1,325.7
1999	—	R 0.4	1.0	R 395.0	4.0	(s)	26.9	941.6	—	R 1,368.6	R 1,369.0	—	R 1,369.0
2000	—	R 0.7	1.1	R 562.8	7.0	0.1	28.5	1,227.3	—	R 1,826.7	R 1,827.4	—	R 1,827.4
2001	—	1.0	1.9	513.3	7.1	(s)	27.6	1,158.7	—	1,708.6	1,709.7	—	1,709.7

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, West Virginia (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.25	0.32	0.94	0.93	—	0.94	—	0.65	—	—	0.26
1975	0.87	0.60	1.83	2.44	—	1.84	—	—	—	—	0.88
1980	1.41	2.99	—	6.30	—	6.30	—	—	—	—	1.43
1985	1.60	4.78	—	6.00	—	6.00	—	—	—	—	1.62
1986	1.50	4.03	—	3.71	—	3.71	—	—	—	—	1.50
1987	1.42	3.94	—	4.36	—	4.36	—	—	—	—	1.43
1988	1.44	3.89	—	3.96	—	3.96	—	—	—	—	1.45
1989	1.43	4.59	—	4.51	—	4.51	—	—	—	—	1.43
1990	1.47	5.13	—	5.72	—	5.72	—	—	—	—	1.48
1991	1.52	3.63	—	5.37	—	5.37	—	—	—	—	1.53
1992	1.47	3.53	—	4.84	—	4.84	—	—	—	—	1.48
1993	1.42	4.36	—	4.62	—	4.62	—	—	—	—	1.43
1994	1.39	4.00	—	4.42	—	4.42	—	—	—	—	1.40
1995	1.27	3.58	—	4.39	—	4.39	—	—	—	—	1.28
1996	1.25	2.99	—	5.29	—	5.29	—	—	—	—	1.26
1997	1.24	3.35	—	4.64	—	4.64	—	—	—	—	1.25
1998	1.22	3.51	—	3.71	—	3.71	—	—	—	—	1.23
1999	1.18	3.00	—	4.64	—	4.64	—	—	—	—	1.19
2000	1.20	4.98	—	7.21	—	7.21	—	0.93	—	—	1.22
2001	1.25	6.46	—	6.66	—	6.66	—	0.42	—	—	1.28
	Expenditures in Million Nominal Dollars										
1970	87.1	0.2	2.5	(s)	—	2.6	—	(s)	—	—	89.9
1975	522.5	0.1	8.2	0.2	—	8.3	—	—	—	—	531.0
1980	972.5	0.2	—	25.1	—	25.1	—	—	—	—	997.7
1985	1,248.3	0.6	—	12.9	—	12.9	—	—	—	—	1,261.8
1986	1,146.7	1.2	—	8.2	—	8.2	—	—	—	—	1,156.2
1987	1,082.5	0.9	—	9.7	—	9.7	—	—	—	—	1,093.2
1988	1,139.6	0.3	—	8.2	—	8.2	—	—	—	—	1,148.1
1989	1,149.4	0.6	—	10.6	—	10.6	—	—	—	—	1,160.5
1990	1,096.3	0.7	—	12.3	—	12.3	—	—	—	—	1,109.2
1991	1,049.0	0.6	—	10.6	—	10.6	—	—	—	—	1,060.3
1992	1,046.2	2.1	—	8.7	—	8.7	—	—	—	—	1,056.9
1993	1,009.1	1.6	—	9.6	—	9.6	—	—	—	—	1,020.3
1994	1,080.9	2.2	—	10.9	—	10.9	—	—	—	—	1,094.0
1995	983.2	2.7	—	8.6	—	8.6	—	—	—	—	994.6
1996	1,032.6	1.0	—	10.9	—	10.9	—	—	—	—	1,044.4
1997	1,075.6	2.0	—	7.9	—	7.9	—	—	—	—	1,085.5
1998	1,073.7	1.8	—	7.0	—	7.0	—	—	—	—	1,082.5
1999	1,071.2	1.5	—	8.7	—	8.7	—	—	—	—	1,081.4
2000	1,073.1	2.6	—	18.8	—	18.8	—	0.1	—	—	1,094.6
2001	987.0	17.4	—	16.3	—	16.3	—	0.1	—	—	1,020.8

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Wisconsin

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	0.53	0.53	0.53	0.79	1.07	0.74	1.88	2.65	0.57	1.43	1.89	0.15	1.09	1.16	0.39	6.02	1.76
1975	1.80	1.03	1.05	1.30	2.47	2.08	3.60	4.54	1.79	3.19	3.65	0.32	1.31	2.11	0.71	8.88	3.27
1980	2.27	1.43	1.44	3.43	6.59	6.38	6.51	9.43	3.48	7.04	8.13	0.47	1.63	4.37	1.25	13.34	6.72
1985	2.08	1.76	1.76	5.37	R 7.62	6.19	R 8.76	9.33	4.59	9.00	R 8.67	0.58	1.62	R 4.95	1.42	16.87	R 8.40
1986	—	1.68	1.68	5.14	R 5.75	4.45	R 8.34	7.00	2.99	7.54	R 6.63	0.51	1.58	4.11	1.34	16.97	R 7.57
1987	—	1.53	1.53	5.03	R 6.09	4.28	R 7.49	7.49	2.55	6.81	R 6.91	0.48	1.60	R 4.12	1.23	16.41	R 7.53
1988	—	1.53	1.53	4.88	R 5.92	4.11	R 7.20	7.55	2.45	6.09	R 6.82	0.43	1.60	R 4.11	1.21	16.14	R 7.37
1989	—	1.50	1.50	4.61	R 6.47	4.63	R 10.31	8.29	2.40	5.83	R 7.52	0.45	R e 1.31	R e 4.29	1.21	15.99	R e 7.45
1990	—	1.41	1.41	R 4.55	R 7.57	5.99	R 9.98	9.38	2.41	R 5.91	R 8.45	0.48	R 1.33	R 4.56	1.15	15.77	R 7.96
1991	—	1.41	1.41	4.40	7.17	5.26	R 8.58	9.18	2.35	R 6.23	R 8.21	0.45	R 1.44	R 4.43	1.15	16.02	R 7.84
1992	—	1.38	1.38	R 4.60	R 6.93	4.64	R 8.13	8.94	2.23	R 6.67	R 8.01	0.40	R 1.41	R 4.40	1.11	16.12	R 7.81
1993	—	1.27	1.27	R 4.91	R 7.02	4.26	R 8.81	8.72	2.50	R 6.31	R 7.87	0.40	R 1.25	R 4.44	1.02	16.24	R 7.87
1994	—	1.27	1.27	R 4.75	R 7.01	3.99	R 8.45	9.10	2.37	R 6.33	R 8.05	0.41	R 1.30	R 4.43	1.03	16.04	R 7.88
1995	—	1.20	1.20	4.30	R 7.07	3.97	R 8.42	9.59	2.39	R 6.22	R 8.36	0.44	R 1.34	R 4.40	1.00	15.75	R 7.79
1996	—	1.12	1.12	4.70	R 7.96	4.79	R 10.23	10.31	2.54	R 6.00	R 8.90	0.46	R 1.20	R 4.81	0.97	15.44	R 8.09
1997	—	1.15	1.15	R 5.12	R 7.80	4.53	R 10.20	10.08	2.63	R 5.64	R 8.56	R 0.47	R 1.14	R 4.92	R 1.12	15.35	R 8.10
1998	—	1.13	1.13	R 4.63	R 6.88	3.38	R 8.70	8.89	2.63	R 4.75	R 7.48	R 0.49	R 1.35	R 4.32	R 1.06	15.99	R 7.74
1999	—	1.08	1.08	R 4.84	R 7.33	4.02	R 8.62	9.56	2.35	R 5.19	R 7.96	0.51	R 1.48	R 4.55	R 1.01	16.26	R 8.04
2000	—	1.08	1.08	R 6.27	R 9.79	6.65	R 12.09	12.51	R 3.29	R 6.91	R 10.58	0.50	R 1.56	R 5.81	R 1.05	16.77	R 9.80
2001	—	1.12	1.12	7.72	9.42	6.03	12.82	12.03	3.66	6.12	10.20	0.52	1.61	6.00	1.09	17.86	10.30
	Expenditures in Million Nominal Dollars																
1970	5.0	196.7	201.7	267.1	161.6	6.7	54.3	633.6	8.8	87.4	952.5	0.3	6.6	1,428.2	-109.2	501.0	1,820.0
1975	12.0	272.7	284.7	474.2	382.3	26.0	112.5	1,230.6	19.3	124.6	1,895.4	36.6	9.2	2,700.1	-245.2	932.2	3,387.1
1980	12.3	459.5	471.7	1,184.8	863.2	86.1	143.2	2,457.8	27.6	252.8	3,830.9	50.3	41.5	5,579.3	-494.9	1,669.5	6,753.9
1985	0.1	635.7	R 635.8	1,634.5	R 1,027.3	57.8	R 168.4	2,281.4	9.3	255.1	R 3,799.3	67.9	R 47.7	R 6,185.2	-611.7	2,601.0	R 8,174.5
1986	—	R 623.5	R 623.5	1,408.5	R 750.2	39.1	R 161.4	1,743.7	14.5	207.7	R 2,916.5	60.9	37.8	R 5,047.2	-594.4	2,674.4	R 7,127.2
1987	—	R 590.6	R 590.6	1,374.5	R 791.9	34.8	R 153.3	1,869.1	13.8	209.7	R 3,072.6	57.3	39.5	R 5,134.4	-569.6	2,491.2	R 7,056.0
1988	—	R 601.2	R 601.2	1,515.0	R 855.7	30.9	R 157.5	1,965.0	12.8	223.1	R 3,245.0	52.0	41.1	R 5,454.3	-574.2	2,609.1	R 7,489.3
1989	—	R 584.3	R 584.3	R 1,492.4	R 966.1	34.9	R 260.0	2,140.3	R 12.0	229.2	R 3,642.5	51.4	R e 61.7	R e 5,832.3	R -562.1	2,613.8	R e 7,884.0
1990	—	R 556.5	R 556.5	R 1,372.6	R 1,067.2	47.9	R 238.3	2,414.3	R 13.0	R 238.8	R 4,019.4	57.3	R 49.5	R 6,055.4	R -542.4	2,621.1	R 8,134.1
1991	—	R 570.3	R 570.3	1,420.9	R 954.9	39.8	R 260.9	2,406.4	8.6	R 258.0	R 3,928.6	52.1	R 53.8	R 6,025.7	R -554.2	2,761.1	R 8,232.6
1992	—	R 544.9	R 544.9	R 1,495.4	R 900.9	44.9	R 228.0	2,361.2	R 8.6	R 272.4	R 3,816.0	46.5	R 55.7	R 5,958.6	R -526.2	2,771.9	R 8,204.2
1993	—	R 510.1	R 510.1	R 1,681.4	R 983.7	45.9	R 272.6	2,364.3	R 13.9	R 283.4	R 3,963.8	47.6	R 50.7	R 6,253.7	R -498.1	2,913.6	R 8,669.2
1994	—	R 538.4	R 538.4	R 1,634.9	R 992.3	44.4	R 272.4	2,524.9	R 12.7	R 303.3	R 4,149.9	49.2	R 59.5	R 6,431.9	R -524.7	3,000.5	R 8,907.7
1995	—	R 528.4	R 528.4	R 1,607.8	R 965.9	46.0	R 265.3	2,754.4	R 7.3	R 321.9	R 4,360.8	50.8	R 71.3	R 6,619.1	R -525.8	3,083.8	R 9,177.1
1996	—	R 508.6	R 508.6	R 1,866.1	R 1,154.2	41.6	R 409.6	3,028.0	R 9.1	R 568.5	R 5,210.8	49.0	R 69.3	R 7,706.0	R -517.7	3,062.6	R 10,250.9
1997	—	R 557.4	R 557.4	R 2,013.2	R 1,135.5	50.0	R 364.6	2,926.4	R 9.9	R 617.4	R 5,103.8	R 19.3	R 66.7	R 7,771.7	R -571.3	3,112.7	R 10,313.1
1998	—	R 533.8	R 533.8	R 1,673.5	R 1,009.3	35.7	R 264.1	2,721.2	R 6.7	R 558.4	R 4,595.4	R 48.2	R 78.4	R 6,940.4	R -595.8	3,349.6	R 9,694.2
1999	—	R 518.6	R 518.6	R 1,813.2	R 1,221.7	77.7	R 340.6	2,937.7	R 5.9	R 602.5	R 5,186.1	R 61.8	R 90.3	R 7,676.7	R -592.1	3,489.4	R 10,574.0
2000	—	R 537.0	R 537.0	R 2,417.5	R 1,669.9	118.4	R 482.9	3,793.3	R 15.0	R 767.9	R 6,847.4	R 60.5	R 93.8	R 9,956.3	R -633.4	3,690.6	R 13,013.5
2001	—	551.7	551.7	2,727.1	1,738.3	88.6	465.7	3,689.6	11.0	651.6	6,644.8	62.2	94.6	10,080.3	-653.3	3,930.8	13,357.8

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Wisconsin

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	1.63	1.22	1.21	1.47	2.07	1.42	0.57	1.33	6.75	2.04
1975	3.10	1.71	2.57	2.97	4.15	2.94	1.12	2.23	10.04	3.46
1980	3.92	3.81	6.60	8.11	7.69	6.82	2.87	4.74	15.04	6.78
1985	4.26	6.41	7.44	7.93	8.72	R 7.73	3.24	R 6.73	19.73	R 9.90
1986	3.86	6.14	5.72	6.38	8.05	R 6.24	2.60	R 6.09	20.07	R 9.63
1987	3.72	5.94	5.69	6.44	7.69	R 6.19	2.48	R 5.92	19.69	R 9.35
1988	3.83	5.84	5.59	6.32	7.29	R 6.01	2.50	5.81	19.52	R 9.06
1989	3.84	5.61	6.14	6.84	12.12	R 7.98	R 2.76	R 6.22	19.56	R 9.30
1990	3.37	5.71	7.13	8.28	10.03	R 8.08	3.56	R 6.31	19.45	R 9.62
1991	3.43	5.57	6.78	7.52	8.91	7.60	3.41	6.07	19.74	9.47
1992	3.41	5.82	6.19	7.13	7.99	6.90	3.12	6.02	20.24	R 9.50
1993	3.35	6.27	6.23	6.28	8.59	R 7.17	3.05	6.47	20.61	R 9.90
1994	3.33	6.21	6.14	6.00	8.89	R 7.34	2.96	R 6.45	20.74	R 10.06
1995	3.26	5.76	6.15	4.97	8.75	R 7.40	2.90	6.08	20.42	R 9.79
1996	3.29	5.96	6.81	6.00	10.61	R 8.86	R 3.32	6.63	20.15	R 9.87
1997	3.59	6.36	7.06	5.62	10.56	R 9.00	3.31	6.95	20.15	R 10.34
1998	3.38	6.08	6.06	8.94	8.74	R 7.59	2.87	6.41	21.02	R 10.69
1999	3.17	6.10	6.41	4.88	8.82	R 7.77	2.95	6.48	21.43	R 10.59
2000	3.19	R 7.48	8.87	9.18	11.59	R 10.42	4.43	8.11	22.08	11.94
2001	3.29	8.69	8.93	9.19	13.17	11.19	4.22	9.25	23.14	13.28
	Expenditures in Million Nominal Dollars									
1970	24.8	131.2	82.3	13.4	43.9	139.5	1.2	296.8	226.2	523.0
1975	10.2	209.5	164.8	8.9	83.2	257.0	2.4	479.0	403.6	882.6
1980	1.0	473.2	313.4	5.7	84.3	403.4	10.7	888.3	697.6	1,586.0
1985	R 0.6	751.6	R 289.1	8.8	95.7	R 393.5	12.2	R 1,158.0	1,097.7	R 2,255.7
1986	R 0.7	687.3	R 225.5	2.6	89.6	R 317.7	9.5	R 1,015.2	1,133.5	R 2,148.7
1987	R 1.9	617.9	R 210.8	3.7	95.5	R 310.0	10.1	R 939.9	1,036.7	R 1,976.7
1988	R 1.6	714.7	R 223.7	1.9	92.9	R 318.4	10.6	R 1,045.3	1,091.0	R 2,136.3
1989	R 0.4	716.3	R 224.8	1.5	198.4	R 424.7	12.2	R 1,153.6	1,085.0	R 2,238.6
1990	0.1	654.6	R 223.7	1.4	152.2	R 377.2	16.5	R 1,048.5	1,087.2	R 2,135.6
1991	R 0.2	696.1	R 201.9	1.3	168.7	R 371.9	R 16.7	R 1,084.8	1,168.3	R 2,253.2
1992	0.1	724.4	R 170.1	1.2	143.4	R 314.7	16.0	R 1,055.2	1,147.6	R 2,202.7
1993	R 0.6	825.0	R 186.9	1.7	172.8	R 361.3	8.1	R 1,195.0	1,221.9	R 2,416.9
1994	0.6	804.9	R 156.3	1.2	177.1	R 334.5	7.7	R 1,147.8	1,249.9	R 2,397.8
1995	1.4	791.6	R 131.0	1.0	176.3	R 308.3	8.4	R 1,109.7	1,298.1	R 2,407.7
1996	1.0	893.3	R 153.4	1.4	286.0	R 440.8	9.6	R 1,344.7	1,284.8	R 2,629.5
1997	1.6	873.3	R 133.3	1.4	251.9	R 386.6	5.8	R 1,267.2	1,272.6	R 2,539.9
1998	R 1.3	713.1	R 99.0	2.0	187.1	R 288.1	4.5	R 1,007.0	1,369.0	R 2,376.0
1999	R 1.6	787.3	R 121.0	1.7	223.0	R 345.7	5.0	R 1,139.6	1,425.7	R 2,565.3
2000	1.6	R 1,020.0	R 156.3	R 2.3	275.5	R 434.1	7.8	R 1,463.4	1,501.6	R 2,965.0
2001	1.9	1,097.4	173.9	2.1	296.7	472.6	6.3	1,578.3	1,612.0	3,190.3

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Wisconsin

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.66	0.82	1.04	0.83	1.35	2.65	0.59	1.08	0.57	0.85	7.28	2.13
1975	1.51	1.29	2.39	2.41	2.63	4.54	1.66	2.43	1.12	1.50	10.13	3.54
1980	1.47	3.43	6.30	5.72	5.33	9.43	4.31	6.21	2.87	3.80	15.25	6.91
1985	2.11	5.14	6.21	7.93	8.74	9.33	4.50	R 6.57	3.24	R 5.47	18.90	R 9.46
1986	2.02	4.96	3.94	6.38	8.66	7.00	2.90	R 4.72	2.60	R 4.88	18.78	R 10.00
1987	1.90	4.74	4.41	6.44	7.12	7.49	2.55	R 4.99	2.48	4.73	17.93	R 9.39
1988	1.96	4.64	4.04	6.32	7.03	7.55	2.46	R 4.62	2.50	4.59	17.63	R 9.03
1989	1.87	4.42	4.73	6.84	6.92	8.29	2.40	R 5.10	2.53	4.55	17.33	R 8.77
1990	1.80	4.72	5.53	8.28	9.83	9.38	2.41	R 6.29	3.03	R 5.05	17.04	R 9.23
1991	1.78	4.59	5.01	7.52	7.99	9.18	2.35	5.74	3.07	4.80	17.17	9.09
1992	1.74	4.77	4.84	7.13	8.32	8.94	2.23	R 5.65	2.73	R 4.90	17.47	9.34
1993	1.71	5.10	4.85	6.28	9.14	8.72	2.50	5.80	2.57	R 5.17	17.57	9.45
1994	1.71	4.85	4.52	6.00	8.14	9.10	2.36	R 5.58	2.59	4.90	17.35	R 9.33
1995	1.66	4.45	4.59	4.97	8.17	9.59	2.38	R 5.81	2.45	4.51	17.09	R 8.91
1996	1.68	4.77	5.59	6.00	9.92	10.31	2.50	R 7.30	1.75	R 4.96	16.78	R 8.91
1997	1.66	5.29	5.20	5.62	10.48	10.08	2.62	R 6.89	1.77	R 5.34	16.57	9.22
1998	1.66	4.66	4.00	8.94	9.36	8.89	2.64	R 5.46	1.80	R 4.66	17.36	R 9.32
1999	1.61	4.79	4.57	4.88	8.76	9.56	2.34	R 5.86	2.23	R 4.82	17.38	R 9.63
2000	1.66	6.26	7.49	9.18	11.66	12.51	3.29	R 8.58	2.50	R 6.37	17.82	R 10.88
2001	1.80	7.48	7.17	9.19	13.14	12.03	3.66	8.70	1.91	7.35	18.75	11.99
	Expenditures in Million Nominal Dollars											
1970	7.9	45.5	11.5	0.6	5.0	0.8	0.9	18.8	(s)	72.3	153.5	225.8
1975	11.6	88.6	24.9	0.6	9.3	1.2	1.8	37.8	(s)	138.0	288.4	426.4
1980	1.4	266.9	61.8	1.8	10.3	3.8	0.8	78.5	0.3	347.0	521.5	868.5
1985	1.1	378.3	R 119.1	0.8	16.9	13.9	3.0	R 153.7	0.3	R 533.3	779.6	R 1,313.0
1986	1.3	277.1	R 41.8	0.2	17.0	10.3	4.6	R 73.9	0.3	R 352.5	789.8	R 1,142.4
1987	R 3.3	276.0	R 50.8	0.2	15.6	11.2	1.9	R 79.6	0.3	R 359.3	744.8	R 1,104.1
1988	R 2.9	313.3	R 44.7	0.2	15.8	11.4	3.8	R 75.9	0.4	R 392.4	778.0	R 1,170.4
1989	0.7	311.2	R 64.7	0.2	20.0	12.1	4.5	R 101.6	0.5	R 413.9	776.0	R 1,189.9
1990	0.2	315.1	R 68.5	0.4	26.3	15.7	3.3	R 114.3	1.1	R 430.7	779.4	R 1,210.1
1991	0.4	330.4	R 57.1	0.4	26.7	11.9	2.6	R 98.7	1.1	R 430.6	819.9	R 1,250.5
1992	0.2	343.0	R 43.4	0.4	26.3	9.9	3.2	R 83.3	1.1	R 427.6	830.5	R 1,258.0
1993	1.3	397.7	R 43.8	0.4	32.4	2.3	R 3.0	R 82.0	0.7	R 481.7	861.5	R 1,343.2
1994	1.9	386.0	R 31.3	0.3	28.6	4.2	R 2.4	R 66.9	0.7	R 455.4	890.2	R 1,345.6
1995	4.7	382.0	R 26.3	0.3	29.0	2.6	1.6	R 59.7	0.7	R 447.1	911.9	R 1,359.0
1996	3.9	453.1	R 31.9	0.4	47.2	4.3	2.1	R 85.8	1.2	R 544.1	927.1	R 1,471.1
1997	6.0	474.7	R 38.1	0.2	44.1	2.7	2.2	R 87.3	0.9	R 568.9	931.5	R 1,500.3
1998	R 5.2	383.0	R 32.3	0.5	35.4	2.4	R 3.9	R 74.5	1.0	R 463.6	1,002.9	R 1,466.5
1999	R 5.9	396.2	R 38.5	0.2	39.1	4.2	R 2.5	R 84.5	0.7	R 487.4	1,089.8	R 1,577.2
2000	6.6	R 512.8	R 58.6	0.5	48.9	5.1	R 3.7	R 116.9	1.1	R 637.5	1,158.4	R 1,795.8
2001	8.3	576.3	59.8	1.1	52.3	5.0	4.6	122.7	1.0	708.5	1,242.8	1,951.3

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Wisconsin

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	0.53	0.66	0.65	0.54	0.76	0.76	0.83	1.35	5.08	2.65	0.57	2.26	1.14	1.40	0.77	4.23	1.01
1975	1.80	1.51	1.55	1.03	2.05	2.23	2.41	2.63	7.48	4.54	2.06	3.46	2.71	1.40	1.65	6.63	2.17
1980	2.27	1.47	1.55	3.12	3.85	5.18	5.72	5.33	14.36	9.43	3.31	9.29	5.98	1.40	3.45	10.10	4.36
1985	2.08	2.11	2.11	4.44	4.87	6.35	6.07	8.74	17.61	9.33	4.50	9.02	R 7.64	1.40	4.37	12.64	5.96
1986	—	2.02	2.02	4.18	4.09	4.29	4.70	8.66	15.59	7.00	2.90	7.94	R 5.84	1.46	R 3.92	12.71	R 5.70
1987	—	1.90	1.90	4.32	3.37	4.64	4.61	7.12	13.58	7.49	2.55	8.50	R 5.53	1.46	3.94	12.31	5.59
1988	—	1.96	1.96	4.05	3.34	4.05	4.28	7.03	14.62	7.55	2.46	7.57	R 5.06	1.46	3.74	12.01	R 5.36
1989	—	1.87	R 1.87	3.71	2.94	4.75	5.33	6.92	14.48	8.29	2.40	8.45	R 5.17	R d 1.19	R d 3.43	11.91	R d 4.99
1990	—	1.80	R 1.80	3.37	3.13	5.66	6.28	9.83	14.60	9.38	2.41	R 7.13	R 5.71	R 1.02	R 3.49	11.69	R 5.08
1991	—	1.78	1.78	3.14	3.10	5.30	5.83	7.99	16.80	9.18	2.35	R 6.84	R 5.77	R 1.17	R 3.44	11.81	R 5.05
1992	—	1.74	1.74	R 3.35	2.59	4.95	5.51	8.32	18.32	8.94	2.23	R 7.97	R 5.78	R 1.16	R 3.50	11.72	R 5.13
1993	—	1.71	R 1.71	3.48	3.19	5.22	5.12	9.14	18.96	8.72	2.50	R 6.06	R 5.68	R 1.14	R 3.58	11.67	R 5.17
1994	—	1.71	R 1.71	3.32	3.09	4.78	4.77	7.14	19.11	9.10	2.36	R 6.36	R 5.44	R 1.23	R 3.40	11.39	R 5.00
1995	—	1.66	R 1.66	2.93	3.27	4.68	4.85	7.48	19.41	9.59	2.38	R 6.43	R 5.52	R 1.30	R 3.19	11.09	R 4.77
1996	—	1.68	R 1.68	3.44	3.24	5.54	5.96	9.11	20.08	10.31	2.50	R 5.85	R 5.85	R 1.14	R 3.80	10.71	R 5.04
1997	—	1.66	1.66	R 4.09	3.63	5.49	5.41	8.88	17.98	10.08	2.62	R 5.46	R 5.56	R 1.14	R 3.99	10.89	R 5.21
1998	—	1.66	1.66	3.74	3.66	4.59	3.97	7.76	19.07	8.89	2.64	R 3.95	R 4.54	R 1.38	R 3.51	11.30	R 4.98
1999	—	1.61	1.61	R 4.02	3.49	5.14	5.16	7.94	16.75	9.56	2.34	R 5.15	R 5.20	R 1.50	R 3.93	11.41	R 5.25
2000	—	1.66	1.66	R 5.42	4.29	7.76	8.11	13.18	17.99	12.51	3.29	R 7.43	R 7.45	R 1.53	R 5.41	11.85	R 6.53
2001	—	1.80	1.80	7.44	4.15	7.40	7.06	11.70	19.00	12.03	3.66	6.14	6.80	1.64	5.84	12.80	7.07
	Expenditures in Million Nominal Dollars																
1970	5.0	73.0	78.0	77.3	23.6	35.1	5.9	5.0	13.6	34.4	3.9	9.2	130.7	5.3	291.4	121.3	412.6
1975	12.0	72.6	84.6	159.5	41.1	92.9	5.5	19.1	19.3	48.4	9.3	23.5	259.1	6.7	509.9	240.2	750.1
1980	12.3	72.3	84.6	404.2	77.1	108.3	1.3	47.0	43.2	80.9	19.4	72.4	449.6	29.4	967.7	450.4	1,418.2
1985	0.1	104.6	104.7	499.2	54.6	R 117.8	0.7	49.4	48.3	55.7	2.2	85.8	R 414.6	34.4	R 1,052.9	723.7	R 1,776.6
1986	—	100.5	100.5	437.5	55.8	R 90.3	0.5	49.9	41.8	39.2	7.7	58.3	R 343.6	27.6	R 909.2	751.0	R 1,660.2
1987	—	87.0	87.0	472.1	53.5	R 92.0	0.3	38.5	41.1	39.4	12.0	64.5	R 341.3	27.5	R 927.9	709.7	R 1,637.6
1988	—	89.8	89.8	478.2	75.8	R 86.1	0.2	44.8	42.7	34.5	8.9	53.8	R 346.8	28.6	R 943.4	740.1	R 1,683.5
1989	—	86.6	R 86.6	457.4	74.3	R 108.4	0.5	38.0	43.4	37.8	R 7.5	58.2	R 368.1	R d 46.5	R d 958.6	752.9	R d 1,711.5
1990	—	85.0	R 85.0	394.8	76.4	R 137.6	0.4	55.0	45.0	38.4	R 9.7	R 62.1	R 424.5	R 29.5	R 933.8	754.6	R 1,688.3
1991	—	81.3	81.3	386.9	68.5	R 126.2	0.3	60.8	46.3	48.1	R 5.9	R 87.8	R 443.9	R 33.6	R 945.8	772.8	R 1,718.6
1992	—	77.6	R 77.6	R 420.9	53.3	R 119.5	0.4	54.1	51.5	38.3	R 5.3	R 106.0	R 428.4	R 35.4	R 962.2	793.8	R 1,756.1
1993	—	74.0	R 74.0	R 448.9	68.9	R 145.4	0.5	61.6	54.3	37.8	R 10.7	R 95.3	R 474.6	R 38.5	R 1,035.9	830.2	R 1,866.1
1994	—	81.8	R 81.8	R 432.1	72.1	R 127.4	0.4	55.2	57.2	43.5	R 10.0	R 99.8	R 465.8	R 47.2	R 1,026.9	860.4	R 1,887.2
1995	—	78.4	R 78.4	R 411.8	90.1	R 111.7	0.4	55.0	57.1	46.7	R 5.3	R 96.6	R 463.0	R 58.3	R 1,011.5	873.8	R 1,885.3
1996	—	67.1	R 67.1	R 497.0	88.6	R 152.0	0.7	72.2	57.3	49.5	R 6.4	R 342.0	R 768.7	R 56.0	R 1,388.9	850.7	R 2,239.6
1997	—	R 70.3	R 70.3	R 614.6	124.3	R 147.2	0.5	65.0	54.2	48.0	R 7.5	R 355.9	R 802.6	R 57.3	R 1,544.8	908.6	R 2,453.4
1998	—	R 68.2	R 68.2	R 512.1	146.2	R 122.5	0.4	35.0	60.2	31.0	R 2.6	R 266.5	R 664.3	R 68.2	R 1,312.8	977.8	R 2,290.5
1999	—	64.4	R 64.4	R 566.5	143.6	R 208.2	1.4	76.1	53.4	37.5	R 3.3	R 339.2	R 862.8	R 79.8	R 1,573.5	973.9	R 2,547.4
2000	—	66.4	R 66.4	R 788.5	164.6	R 377.6	R 2.6	155.9	56.5	50.9	R 11.1	R 475.1	R 1,294.2	R 80.9	R 2,230.0	1,030.6	R 3,260.7
2001	—	70.0	70.0	944.9	164.5	418.5	2.0	110.7	54.7	74.3	6.4	355.4	1,186.5	83.4	2,284.8	1,075.9	3,360.7

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— 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.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Wisconsin

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.66	—	2.17	1.33	0.74	1.35	5.08	2.65	0.55	2.49	2.49	—	2.49
1975	1.51	—	3.45	2.62	2.08	2.63	7.48	4.54	1.44	4.24	4.24	—	4.24
1980	—	—	9.02	7.28	6.38	5.33	14.36	9.43	3.80	8.99	8.99	—	8.99
1985	—	—	9.99	8.69	6.19	R 9.69	17.61	9.33	4.71	9.18	9.18	—	9.18
1986	—	—	8.41	6.69	4.45	R 9.67	15.59	7.00	3.60	6.95	6.95	—	6.95
1987	—	—	7.55	7.15	4.28	R 8.05	13.58	7.49	—	7.41	7.41	—	7.41
1988	—	—	7.41	7.00	4.11	R 8.08	14.62	7.55	2.37	7.42	7.42	—	7.42
1989	—	—	8.28	7.51	4.63	R 7.96	14.48	8.29	2.66	8.09	8.09	—	8.09
1990	—	3.36	9.32	8.79	5.99	R 11.36	14.60	9.38	2.80	R 9.23	R 9.23	—	R 9.23
1991	—	3.42	8.71	8.40	5.26	R 9.29	16.80	9.18	2.29	9.00	9.00	—	9.00
1992	—	3.66	8.54	8.21	4.64	R 9.69	18.32	8.94	2.41	8.75	8.75	—	8.75
1993	—	3.76	8.24	8.34	4.26	R 10.70	18.96	8.72	2.42	8.59	8.59	—	8.59
1994	—	3.37	7.96	8.27	3.99	R 10.68	19.11	9.10	2.59	R 8.85	R 8.85	20.51	R 8.85
1995	—	2.93	8.36	8.19	3.97	R 11.11	19.41	9.59	2.72	R 9.19	R 9.19	20.06	R 9.19
1996	—	2.37	9.29	9.19	4.79	R 10.85	20.08	10.31	3.17	R 10.00	R 10.00	19.89	R 10.00
1997	—	2.35	9.39	8.90	4.53	R 10.25	17.98	10.08	R 3.13	R 9.71	R 9.71	19.86	R 9.71
1998	—	1.12	8.11	7.99	3.38	R 10.25	19.07	8.89	2.55	R 8.62	R 8.62	20.55	R 8.62
1999	—	1.92	8.81	8.73	4.02	R 12.89	16.75	9.56	R 2.83	9.17	9.17	20.83	9.17
2000	—	4.57	R 10.87	11.25	6.65	R 16.34	17.99	12.51	R 3.23	12.01	R 12.01	21.70	R 12.01
2001	—	5.30	11.01	10.90	6.03	17.18	19.00	12.03	3.54	11.60	11.60	22.53	11.60
	Expenditures in Million Nominal Dollars												
1970	0.1	—	3.6	32.3	6.7	0.4	17.0	598.4	(s)	658.4	658.5	—	658.5
1975	(s)	—	3.0	92.4	25.5	0.9	22.6	1,181.0	2.6	1,328.0	1,328.0	—	1,328.0
1980	—	—	5.6	363.6	86.1	1.6	45.5	2,373.2	5.6	2,881.3	2,881.3	—	2,881.3
1985	—	—	5.1	R 493.3	57.8	R 6.4	50.8	2,211.8	4.1	R 2,829.3	R 2,829.3	—	R 2,829.3
1986	—	—	4.6	R 387.1	39.1	R 4.9	44.0	1,694.2	2.2	R 2,175.9	R 2,175.9	—	R 2,175.9
1987	—	—	3.2	R 434.3	34.8	R 3.7	43.3	1,818.5	—	R 2,337.7	R 2,337.7	—	R 2,337.7
1988	—	—	3.5	R 496.4	30.9	R 4.0	44.9	1,919.2	0.1	R 2,499.0	R 2,499.0	—	R 2,499.0
1989	—	—	5.4	R 564.2	34.9	R 3.6	45.7	2,090.4	0.1	R 2,744.1	R 2,744.1	—	R 2,744.1
1990	—	0.1	5.7	R 633.9	47.9	R 4.9	47.4	2,360.2	(s)	R 3,100.0	R 3,100.1	—	R 3,100.1
1991	—	0.1	4.6	R 565.9	39.8	R 4.7	48.8	2,346.4	(s)	R 3,010.2	R 3,010.3	—	R 3,010.3
1992	—	0.1	5.2	R 565.7	44.9	R 4.2	54.2	2,312.9	0.1	R 2,987.3	R 2,987.4	—	R 2,987.4
1993	—	0.1	5.0	R 604.6	45.9	R 5.8	57.1	2,324.3	0.2	R 3,042.8	R 3,042.9	—	R 3,042.9
1994	—	0.1	11.4	R 672.2	44.4	R 11.4	60.2	2,477.2	0.2	R 3,277.0	R 3,277.1	(s)	R 3,277.1
1995	—	R 0.2	15.8	R 692.5	46.0	R 4.9	60.1	2,705.2	0.4	R 3,524.9	R 3,525.1	(s)	R 3,525.1
1996	—	R 0.2	17.2	R 812.4	41.6	R 4.2	60.3	2,974.2	0.6	R 3,910.5	R 3,910.7	(s)	R 3,910.7
1997	—	R (s)	23.0	R 809.8	50.0	R 3.7	57.1	2,875.7	0.2	R 3,819.5	R 3,819.5	(s)	R 3,819.5
1998	—	0.1	18.6	R 748.9	35.7	R 6.5	63.4	2,687.8	0.2	R 3,561.0	R 3,561.2	(s)	R 3,561.2
1999	—	R 0.3	5.9	R 845.4	77.7	R 2.4	56.2	2,895.9	0.1	R 3,883.8	R 3,884.1	(s)	R 3,884.1
2000	—	R 0.8	R 6.1	R 1,067.0	118.4	R 2.6	59.5	3,737.3	R 0.1	R 4,991.1	R 4,992.0	(s)	R 4,992.0
2001	—	1.1	13.1	1,078.6	88.6	6.1	57.6	3,610.3	0.1	4,854.4	4,855.4	(s)	4,855.4

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Wisconsin (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.39	0.42	0.56	0.67	0.36	0.54	0.15	0.65	—	—	0.39
1975	0.86	0.82	1.65	2.30	0.72	1.93	0.32	—	—	—	0.71
1980	1.42	2.94	4.28	5.58	1.17	5.35	0.47	1.74	—	—	1.25
1985	1.71	4.11	—	5.48	1.38	5.12	0.58	0.79	—	—	1.42
1986	1.62	3.74	—	3.60	—	3.60	0.51	0.32	—	—	1.34
1987	1.47	3.92	—	3.97	—	3.97	0.48	0.95	—	—	1.23
1988	1.46	3.25	—	3.65	—	3.65	0.43	0.87	—	—	1.21
1989	1.45	3.10	—	4.10	—	4.10	0.45	0.75	—	—	1.21
1990	1.36	2.93	—	5.26	—	5.26	0.48	0.68	—	—	1.15
1991	1.36	2.70	—	4.46	—	4.46	0.45	0.73	—	—	1.15
1992	1.33	2.40	—	4.64	0.83	3.31	0.40	0.93	—	—	1.11
1993	1.21	2.63	—	4.09	0.28	2.28	0.40	0.82	—	—	1.02
1994	1.21	2.63	—	3.98	0.61	2.53	0.41	0.82	—	—	1.03
1995	1.14	2.21	—	3.85	0.60	2.44	0.44	0.80	—	—	1.00
1996	1.06	3.01	—	4.82	0.62	2.89	0.46	0.47	3.82	—	0.97
1997	1.09	3.15	—	4.63	0.71	3.02	0.47	0.46	3.77	—	1.12
1998	1.07	2.64	2.66	3.49	0.65	2.46	0.49	0.72	4.01	3.02	1.06
1999	1.02	2.91	2.68	4.14	0.66	2.84	0.51	0.84	4.92	4.16	1.01
2000	1.02	4.44	3.35	6.27	0.60	3.93	0.50	0.76	—	—	1.05
2001	1.05	4.73	3.90	6.44	0.86	3.62	0.52	0.65	—	—	1.09
	Expenditures in Million Nominal Dollars										
1970	90.8	13.1	4.0	0.5	0.5	5.0	0.3	0.1	—	—	109.2
1975	178.3	16.7	5.7	7.7	0.2	13.6	36.6	—	—	—	245.2
1980	384.7	40.6	1.8	16.2	0.1	18.1	50.3	1.1	—	—	494.9
1985	529.4	5.4	—	8.0	0.2	8.2	67.9	0.7	—	—	611.7
1986	520.9	6.7	—	5.4	—	5.4	60.9	0.4	—	—	594.4
1987	498.4	8.5	—	4.0	—	4.0	57.3	1.5	—	—	569.6
1988	506.9	8.9	—	4.9	—	4.9	52.0	1.5	—	—	574.2
1989	496.7	7.5	—	4.0	—	4.0	51.4	2.5	—	—	562.1
1990	471.2	8.0	—	3.5	—	3.5	57.3	2.3	—	—	542.4
1991	488.5	7.4	—	3.8	—	3.8	52.1	2.4	—	—	554.2
1992	467.1	7.0	—	2.2	0.2	2.4	46.5	3.2	—	—	526.2
1993	434.3	9.6	—	3.0	0.2	3.2	47.6	3.4	—	—	498.1
1994	454.2	11.7	—	5.1	0.6	5.7	49.2	3.9	—	—	524.7
1995	444.0	22.2	—	4.3	0.5	4.9	50.8	3.9	—	—	525.8
1996	436.6	22.5	—	4.5	0.5	5.0	49.0	2.5	2.1	—	517.7
1997	479.5	50.5	—	7.1	0.8	7.9	19.3	2.7	11.3	—	571.3
1998	459.1	65.2	(s)	6.7	0.7	7.4	48.2	4.8	11.5	0.3	595.8
1999	446.7	62.8	(s)	8.4	0.8	9.3	61.8	4.8	6.8	(s)	592.1
2000	462.4	95.5	(s)	10.3	0.7	11.1	60.5	4.0	—	—	633.4
2001	471.5	107.4	(s)	7.5	1.0	8.6	62.2	3.8	—	—	653.3

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2001, Wyoming

Year	Primary Energy														Electric Power Sector [c,d]	Electricity	Total Energy [c,d]
	Coal			Natural Gas	Petroleum							Nuclear Fuel	Wood and Waste	Total [c,d]			
	Coking Coal	Steam Coal	Total		Distillate Fuel	Jet Fuel	LPG [a]	Motor Gasoline	Residual Fuel	Other [b]	Total						
	Prices in Nominal Dollars per Million Btu																
1970	—	0.16	0.16	0.38	1.11	0.76	1.64	2.93	0.55	1.06	1.77	—	1.25	0.85	0.14	4.53	1.33
1975	—	0.31	0.31	0.71	2.51	2.12	3.46	4.77	1.71	2.68	3.34	—	1.47	1.51	0.26	4.63	2.55
1980	—	0.70	0.70	2.45	6.44	6.59	5.77	10.28	3.56	5.25	7.34	—	1.99	3.01	0.59	7.45	5.86
1985	—	1.01	1.01	4.28	R 6.74	6.53	8.31	8.87	3.14	5.94	R 7.54	—	2.19	R 2.48	0.93	12.54	6.78
1986	—	1.00	1.00	4.01	R 5.59	4.56	R 7.35	6.72	2.06	5.49	R 6.12	—	1.81	R 2.29	0.93	13.13	R 6.15
1987	—	0.91	0.91	3.93	R 5.76	4.61	6.42	6.88	1.83	4.48	R 6.06	—	1.64	R 2.07	0.88	12.91	R 6.07
1988	—	0.88	0.88	3.75	R 5.85	4.62	R 6.30	6.84	1.65	5.15	R 6.13	—	1.65	R 2.02	0.85	12.81	R 6.13
1989	—	0.89	0.89	3.82	R 6.72	5.06	R 7.63	7.79	R 1.96	4.94	R 7.03	—	R e 1.49	R e 2.26	0.85	12.66	R e 6.50
1990	—	0.86	0.86	3.57	R 7.74	6.45	R 8.21	8.66	2.46	4.83	R 7.86	—	R 2.60	R 2.27	0.84	12.39	R 6.50
1991	—	0.86	0.86	3.48	R 7.09	6.05	R 9.79	8.40	2.26	5.45	R 7.58	—	R 2.60	R 2.17	0.84	12.52	R 6.23
1992	—	0.79	0.79	R 3.17	R 7.12	5.88	7.29	8.73	R 1.75	5.97	R 7.68	—	R 3.48	R 2.08	0.76	12.59	R 5.95
1993	—	0.83	0.83	3.70	R 7.03	5.71	R 6.87	8.42	2.05	6.06	R 7.46	—	R 3.51	R 2.26	0.81	12.52	R 6.10
1994	—	0.83	0.83	3.66	R 6.88	5.29	7.73	8.69	2.22	5.84	R 7.52	—	R 2.75	R 2.22	0.81	12.56	R 6.01
1995	—	0.84	0.84	3.43	R 7.19	5.33	7.54	8.74	2.29	6.93	R 7.73	—	R 3.24	R 2.35	0.83	12.73	R 6.16
1996	—	0.84	0.84	3.25	R 7.93	5.84	9.24	9.32	1.77	6.76	R 8.38	—	4.43	R 2.44	0.83	12.70	R 6.37
1997	—	0.83	0.83	3.54	R 7.66	5.76	R 9.43	9.46	R 2.19	6.20	R 8.17	—	4.41	R 2.43	0.81	12.78	R 6.46
1998	—	0.81	0.81	3.62	R 6.62	4.36	R 7.85	8.23	R 1.97	R 6.49	R 7.18	—	3.82	R 2.16	0.79	12.72	R 5.95
1999	—	0.79	0.79	3.70	R 7.29	4.90	8.52	9.31	1.92	R 5.55	R 7.76	—	3.93	R 2.40	0.77	12.67	R 6.52
2000	—	0.82	0.82	R 4.48	R 9.57	7.21	R 11.64	11.75	2.99	R 5.74	R 9.90	—	5.90	R 2.86	0.80	12.81	R 7.86
2001	—	0.80	0.80	6.61	8.89	6.43	13.09	11.36	2.85	6.30	9.55	—	5.62	3.04	0.79	13.15	8.46
	Expenditures in Million Nominal Dollars																
1970	—	10.2	10.2	28.4	32.7	0.5	10.8	90.8	2.7	12.8	150.2	—	0.5	189.3	-8.9	46.9	227.3
1975	—	39.8	39.8	36.4	111.2	1.5	21.6	184.4	13.6	22.0	354.2	—	0.5	430.8	-30.3	70.0	470.6
1980	—	187.4	187.4	91.6	496.4	6.0	42.7	458.9	24.0	58.0	1,086.0	—	1.5	1,366.5	-140.7	176.1	1,401.9
1985	—	408.3	408.3	176.5	R 283.4	5.6	52.2	357.3	1.4	80.1	R 779.9	—	2.0	R 1,366.7	-346.3	427.3	R 1,447.7
1986	—	R 337.3	R 337.3	148.5	R 212.5	3.7	53.8	254.1	1.4	66.3	R 591.8	—	2.5	R 1,080.1	-283.5	433.6	R 1,230.2
1987	—	389.3	389.3	125.2	R 282.7	5.2	60.8	263.2	0.3	50.8	R 662.9	—	2.0	R 1,179.4	-345.3	449.3	R 1,283.4
1988	—	392.8	392.8	131.2	R 309.8	5.0	44.3	266.7	1.2	43.7	R 670.7	—	2.1	R 1,196.7	-350.0	465.3	R 1,312.1
1989	—	R 378.3	R 378.3	135.2	R 367.1	4.5	64.9	309.3	(s)	37.6	R 783.4	—	R e 1.9	R e 1,298.8	R -332.2	466.9	R e 1,433.5
1990	—	R 397.0	R 397.0	162.9	R 419.4	5.1	36.0	323.2	(s)	37.8	R 821.6	—	2.8	R 1,384.3	R -351.0	482.6	R 1,515.8
1991	—	R 388.6	R 388.6	179.9	R 322.9	4.1	41.2	318.0	(s)	44.1	R 730.3	—	2.9	R 1,301.8	R -341.0	486.9	R 1,447.7
1992	—	R 389.9	R 389.9	R 230.5	R 343.3	5.0	29.5	340.7	(s)	38.6	R 757.2	—	R 2.3	R 1,379.9	R -340.5	488.6	R 1,528.0
1993	—	R 386.9	R 386.9	R 280.5	R 379.6	4.5	R 42.2	334.8	0.2	38.9	R 800.3	—	R 2.1	R 1,469.8	R -342.3	492.6	R 1,620.2
1994	—	R 405.6	R 405.6	R 294.8	R 359.6	4.5	R 43.3	349.2	0.2	44.0	R 800.8	—	2.3	R 1,503.4	R -361.0	486.7	R 1,629.2
1995	—	R 389.1	R 389.1	R 243.0	R 432.1	4.7	53.6	361.7	0.1	46.3	R 898.5	—	R 2.2	R 1,532.8	R -346.6	473.1	R 1,659.3
1996	—	R 398.5	R 398.5	R 236.7	R 487.4	5.0	54.9	384.5	(s)	57.1	R 988.9	—	2.2	R 1,626.3	R -354.7	483.9	R 1,755.5
1997	—	R 390.5	R 390.5	R 249.3	R 504.7	4.0	10.4	375.0	(s)	56.9	R 951.0	—	2.2	R 1,592.9	R -345.2	499.1	R 1,746.8
1998	—	R 420.3	R 420.3	R 282.6	R 428.4	2.9	6.9	338.2	(s)	R 54.5	R 830.9	—	1.7	R 1,535.5	R -374.1	491.3	R 1,652.7
1999	—	R 393.4	R 393.4	R 216.0	R 580.2	4.9	14.6	382.2	(s)	R 62.3	R 1,044.1	—	1.9	R 1,655.4	R -347.2	495.1	R 1,803.3
2000	—	R 413.0	R 413.0	R 275.7	R 702.1	11.7	50.8	477.6	R (s)	R 74.8	R 1,317.0	—	3.0	R 2,008.7	-372.2	525.6	R 2,162.0
2001	—	401.9	401.9	383.9	725.8	12.1	58.4	479.4	0.1	63.3	1,339.1	—	2.4	2,127.2	-369.7	564.0	2,321.6

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and electric power), and the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] Net imports of electricity are included in this total but not shown separately.
[e] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.

R=Revised data.
— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 2. Residential Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Wyoming

Year	Primary Energy								Electricity	Total Energy [b]
			Petroleum							
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Total	Wood	Total [b]		
	Prices in Nominal Dollars per Million Btu									
1970	0.66	0.67	1.28	1.70	1.96	1.93	0.72	0.89	7.52	1.44
1975	0.99	1.09	2.84	3.17	4.20	4.13	1.43	1.83	7.58	2.77
1980	0.87	2.66	6.94	—	7.25	7.23	3.66	3.47	11.66	5.63
1985	2.29	4.92	10.07	8.54	7.51	R 7.85	4.14	R 5.19	16.60	R 8.13
1986	1.37	4.69	5.72	4.62	6.75	6.69	3.32	R 4.95	17.66	R 8.15
1987	1.44	4.45	3.73	4.62	6.44	R 6.34	3.16	R 4.93	17.90	R 8.17
1988	0.95	4.25	4.29	4.31	6.20	R 6.10	R 3.20	R 4.52	17.11	R 7.91
1989	1.25	4.46	5.43	4.51	10.48	R 10.07	3.53	R 5.21	17.71	R 8.66
1990	1.32	4.40	6.35	5.87	10.72	10.38	4.75	R 5.05	17.50	R 8.47
1991	1.16	4.47	6.05	7.18	11.18	R 10.34	R 4.55	R 5.28	17.59	R 8.68
1992	1.26	4.46	4.79	6.75	8.10	R 7.65	R 4.16	4.85	17.83	8.66
1993	1.27	4.52	6.02	6.88	8.06	R 7.77	4.06	R 4.76	17.47	R 8.38
1994	1.36	4.83	5.89	5.89	8.59	R 8.10	3.94	R 5.05	17.70	R 8.79
1995	1.39	4.54	3.28	6.10	8.04	R 7.50	3.86	4.90	17.86	R 8.67
1996	1.40	4.02	7.46	6.86	9.70	R 9.49	4.43	R 4.47	17.96	8.29
1997	1.42	4.28	6.46	7.17	9.92	R 8.59	4.41	R 4.43	18.24	R 8.70
1998	1.29	4.86	6.70	R 6.21	8.04	R 7.48	3.82	R 4.82	18.41	9.15
1999	0.89	4.86	5.87	R 7.32	8.23	R 7.84	3.93	4.98	18.57	9.38
2000	0.98	5.84	8.73	R 9.04	11.66	R 11.43	5.90	R 6.46	19.04	10.44
2001	1.14	8.00	8.11	8.94	12.94	12.67	5.62	8.65	19.85	12.32
	Expenditures in Million Nominal Dollars									
1970	0.2	12.3	0.1	0.4	7.4	7.9	0.1	20.4	15.5	35.9
1975	0.3	12.3	0.4	0.2	15.0	15.6	0.2	28.4	23.0	51.5
1980	0.3	27.5	0.9	—	17.1	18.1	0.6	46.5	56.1	102.6
1985	R 0.9	74.2	R 2.6	0.4	13.4	R 16.5	1.0	R 92.6	102.8	R 195.4
1986	0.5	62.8	R 0.8	(s)	19.1	R 20.0	0.8	84.1	101.1	185.2
1987	R 0.6	49.9	R 0.6	0.1	31.2	R 31.9	0.4	82.7	99.8	182.6
1988	0.5	52.2	R 0.7	(s)	20.0	R 20.7	0.4	73.8	103.0	176.8
1989	0.6	55.5	R 1.0	(s)	22.8	R 23.8	0.4	80.4	104.0	184.4
1990	R 0.7	55.6	0.9	(s)	18.9	19.9	2.0	R 78.2	102.7	R 180.9
1991	R 0.7	56.8	R 2.5	0.1	24.1	R 26.6	2.0	R 86.2	109.2	R 195.4
1992	0.4	51.4	R 1.3	(s)	14.9	R 16.3	2.0	R 70.1	107.2	R 177.3
1993	0.8	60.4	R 1.6	0.1	13.1	R 14.8	1.7	R 77.7	113.6	R 191.3
1994	0.9	59.0	R 2.0	(s)	13.1	R 15.1	1.7	R 76.7	112.6	R 189.3
1995	0.5	58.7	R 0.9	(s)	17.3	R 18.2	1.8	R 79.1	118.2	R 197.3
1996	1.2	57.7	R 1.2	(s)	16.1	R 17.3	2.1	R 78.2	123.9	R 202.0
1997	0.4	59.5	R 1.7	0.1	4.3	R 6.0	2.0	R 67.9	124.9	R 192.8
1998	R 0.5	65.9	R 1.0	R 0.1	1.8	R 2.9	1.5	70.8	126.4	197.2
1999	0.2	61.9	R 1.0	R 0.1	7.1	R 8.1	1.7	R 71.9	128.3	R 200.2
2000	0.3	74.4	R 1.3	0.1	21.3	R 22.7	2.6	R 100.1	136.6	R 236.6
2001	0.3	92.8	1.2	0.1	33.2	34.4	2.2	129.7	145.3	275.0

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 3. Commercial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Wyoming

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood and Waste	Total [b]		
	Prices in Nominal Dollars per Million Btu											
1970	0.42	0.43	1.06	0.86	1.22	2.93	0.55	1.32	0.72	0.55	5.28	1.10
1975	0.90	0.72	2.49	2.42	2.48	4.77	2.03	2.77	1.43	1.08	5.48	1.86
1980	1.72	2.50	6.47	5.76	5.07	10.28	3.59	6.70	3.66	3.89	11.21	5.86
1985	1.94	4.83	5.93	8.54	8.63	8.87	3.14	R 6.16	4.14	R 4.86	15.38	R 8.58
1986	1.75	4.43	3.69	4.62	7.75	6.72	2.06	R 4.41	3.32	R 4.16	16.02	R 8.41
1987	1.35	4.23	4.13	4.62	6.41	6.88	1.83	R 5.03	3.16	R 4.10	15.72	R 8.29
1988	1.40	3.90	3.82	4.31	6.40	6.84	1.65	R 4.12	3.20	R 3.61	15.84	R 7.86
1989	1.36	4.10	4.55	4.51	6.66	7.79	1.62	R 5.44	3.53	3.92	15.45	R 8.16
1990	1.12	4.07	5.70	5.87	6.53	8.66	2.46	6.41	4.75	R 3.96	15.64	R 8.31
1991	1.14	4.07	5.03	7.18	8.34	8.40	2.26	R 6.44	4.55	R 3.86	15.45	R 8.12
1992	1.12	4.03	4.87	6.75	6.63	8.73	—	R 6.07	4.16	R 3.96	15.35	R 8.72
1993	1.10	4.01	4.90	6.88	6.45	8.42	—	R 5.31	4.06	R 3.58	14.99	R 7.81
1994	1.05	4.21	4.61	5.89	8.60	8.69	2.22	R 5.45	3.94	R 3.54	14.96	R 7.75
1995	1.04	3.98	4.75	6.10	8.34	8.74	2.29	R 5.52	3.86	R 3.72	15.26	R 7.88
1996	1.02	3.46	5.62	6.86	10.29	9.32	1.77	R 6.64	4.43	R 3.00	15.24	R 6.93
1997	1.10	3.68	5.51	7.17	10.79	9.46	2.20	R 5.91	4.41	R 3.50	15.56	R 7.91
1998	1.10	4.17	4.30	R 6.21	9.58	8.23	1.97	R 4.70	3.82	R 3.61	15.38	R 8.07
1999	1.11	4.17	4.72	R 7.32	9.30	9.31	—	R 5.10	3.93	R 3.93	15.47	R 8.39
2000	1.23	5.04	7.18	R 9.04	12.51	11.75	R 2.99	R 7.89	5.90	R 4.93	15.41	R 9.06
2001	1.27	7.83	6.66	8.94	13.68	11.36	—	8.05	5.62	6.83	15.80	10.44
	Expenditures in Million Nominal Dollars											
1970	0.1	6.1	0.2	0.7	0.8	1.3	0.2	3.2	(s)	9.4	11.8	21.2
1975	0.6	6.9	0.9	0.6	1.6	1.8	1.1	5.9	(s)	13.4	14.5	27.9
1980	2.5	13.2	16.1	0.8	2.1	5.5	0.6	25.1	(s)	40.9	43.5	84.4
1985	R 2.8	46.4	R 13.6	0.3	2.7	3.1	1.4	R 21.1	(s)	R 70.4	121.8	R 192.2
1986	2.4	37.4	R 7.8	(s)	3.9	4.3	1.4	R 17.4	(s)	R 57.2	122.9	R 180.1
1987	1.9	37.7	R 5.9	0.1	5.5	2.6	0.3	R 14.4	(s)	R 54.0	116.8	R 170.8
1988	R 2.7	35.8	R 5.4	0.1	3.6	2.4	1.2	R 12.9	(s)	R 51.3	120.0	R 171.3
1989	2.6	37.0	R 6.2	(s)	2.6	2.6	(s)	R 11.4	(s)	R 51.1	117.0	R 168.1
1990	R 2.3	37.7	7.2	(s)	2.0	3.4	(s)	R 12.7	0.1	52.9	123.8	176.7
1991	R 3.0	39.2	R 5.7	0.1	3.2	3.8	(s)	R 12.8	0.1	R 55.2	128.6	R 183.7
1992	R 1.7	34.1	R 5.2	(s)	2.1	3.6	—	R 10.9	0.1	R 46.9	130.7	R 177.6
1993	R 3.1	43.4	R 5.4	(s)	1.9	0.3	—	R 7.6	0.1	R 54.3	133.8	R 188.0
1994	4.0	41.1	R 5.3	(s)	2.3	0.3	(s)	R 7.9	0.1	R 53.1	131.3	R 184.4
1995	2.4	41.6	R 7.3	0.1	3.2	0.3	(s)	R 10.9	0.1	R 55.0	127.1	R 182.2
1996	6.2	35.7	R 8.6	(s)	3.0	1.8	(s)	R 13.5	0.2	R 55.5	133.2	R 188.7
1997	2.5	42.3	R 7.0	0.1	0.8	0.4	(s)	R 8.3	0.2	R 53.2	136.4	R 189.6
1998	R 3.2	46.3	R 3.7	R 0.1	0.4	0.3	(s)	R 4.5	0.2	R 54.2	140.5	R 194.7
1999	R 2.0	43.1	R 10.0	R (s)	1.4	0.4	—	R 11.8	0.2	R 57.2	142.1	R 199.3
2000	3.0	51.4	R 16.8	(s)	4.0	0.5	R (s)	R 21.3	0.3	R 76.0	154.8	R 230.9
2001	3.1	78.9	16.1	(s)	6.2	2.8	—	25.1	0.2	107.3	167.3	274.6

[a] Liquefied petroleum gases.
[b] There are no direct fuel costs for hydroelectric, geothermal, photovoltaic, or solar thermal energy.
R=Revised data.
— No consumption.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Wyoming

Year	Primary Energy															Electricity	Total Energy [c]
	Coal			Natural Gas	Petroleum									Wood and Waste	Total [c]		
	Coking Coal	Steam Coal	Total		Asphalt and Road Oil	Distillate Fuel	Kerosene	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Other [b]	Total				
	Prices in Nominal Dollars per Million Btu																
1970	—	0.42	0.42	0.24	0.58	0.80	0.86	1.22	5.08	2.93	0.55	0.43	1.00	1.49	0.55	3.23	0.76
1975	—	0.90	0.90	0.55	1.80	2.30	2.42	2.48	7.48	4.77	1.65	1.31	2.35	1.49	1.46	3.44	1.67
1980	—	1.72	1.72	2.32	3.66	5.44	5.76	5.07	14.36	10.28	3.55	4.04	5.15	1.49	3.68	5.12	3.85
1985	—	1.94	1.94	3.38	4.82	6.33	6.64	8.63	17.61	8.87	3.14	3.39	6.35	1.49	R 3.99	10.15	R 5.18
1986	—	1.75	1.75	3.17	4.36	4.03	5.22	7.75	15.59	6.72	2.06	—	R 4.96	1.49	R 3.28	10.68	4.77
1987	—	1.35	1.35	3.20	3.21	4.34	5.19	6.41	13.58	6.88	1.83	—	R 4.53	1.49	R 2.89	10.68	R 4.64
1988	—	1.40	1.40	3.19	3.40	4.14	4.36	6.40	14.62	6.84	1.65	—	R 4.62	1.49	R 2.88	10.67	R 4.80
1989	—	1.36	1.36	3.06	2.88	4.93	4.99	6.66	14.48	7.79	1.62	—	R 5.22	R d 1.27	R d 3.06	10.49	R d 4.80
1990	—	1.12	1.12	2.94	2.71	6.19	6.62	6.53	14.60	8.66	2.46	—	5.66	R 1.06	2.83	10.18	4.44
1991	—	1.14	1.14	2.86	3.43	5.40	6.11	8.34	16.80	8.40	2.26	—	R 5.51	R 1.19	R 2.75	10.22	R 4.27
1992	—	1.12	1.12	R 2.75	3.07	5.30	5.55	6.63	18.32	8.73	1.75	—	R 5.48	R 1.50	R 2.66	10.32	R 3.94
1993	—	1.10	1.10	3.43	2.93	5.37	5.68	6.45	18.96	8.42	2.05	—	R 5.47	1.63	R 3.08	10.25	R 4.30
1994	—	1.05	1.05	3.32	3.02	5.27	5.09	7.31	19.11	8.69	2.22	—	R 5.50	R 1.30	R 3.03	10.28	R 4.18
1995	—	1.04	1.04	2.99	3.20	5.42	5.32	7.24	19.41	8.74	2.29	—	R 5.89	1.62	R 2.84	10.26	R 4.06
1996	—	1.02	1.02	2.96	3.52	6.30	6.31	8.97	20.08	9.32	1.77	5.46	R 6.54	—	R 3.09	10.10	R 4.25
1997	—	1.10	1.10	3.26	3.62	6.06	6.08	8.95	17.98	9.46	2.20	5.03	R 5.98	—	R 3.10	10.14	R 4.30
1998	—	1.10	1.10	3.16	3.67	4.66	4.81	7.73	19.07	8.23	1.97	3.30	R 4.87	—	R 2.79	9.92	R 3.91
1999	—	1.11	1.11	3.14	3.29	4.84	5.75	8.71	16.75	9.31	1.92	4.64	4.84	—	R 2.81	9.78	R 4.04
2000	—	1.23	1.23	3.89	3.25	7.03	8.00	11.49	17.99	11.75	2.99	R 7.41	R 6.52	—	R 3.77	9.83	R 4.86
2001	—	1.27	1.27	6.00	3.53	6.79	6.99	13.15	19.00	11.36	2.85	6.07	6.76	—	4.76	10.07	5.79
	Expenditures in Million Nominal Dollars																
1970	—	1.7	1.7	9.5	4.2	8.9	0.8	2.1	0.9	8.5	0.9	0.4	26.7	0.4	38.3	19.6	57.8
1975	—	10.6	10.6	16.7	7.2	47.3	1.6	4.0	2.1	14.8	11.1	1.5	89.7	0.3	117.3	32.5	149.8
1980	—	49.6	49.6	50.0	28.2	198.0	1.3	22.0	5.0	19.7	23.4	4.8	302.4	0.9	402.9	76.5	479.4
1985	—	63.9	63.9	55.3	53.6	R 90.7	0.2	34.6	5.6	24.7	(s)	2.8	R 212.3	1.0	R 332.4	202.7	R 535.1
1986	—	54.2	54.2	47.8	46.5	R 53.4	0.2	29.3	4.8	17.7	(s)	—	R 151.9	1.7	R 255.6	209.6	R 465.2
1987	—	44.6	44.6	37.3	31.3	R 59.9	0.2	22.9	4.8	16.3	(s)	—	R 135.4	1.7	R 218.8	232.7	R 451.5
1988	—	42.9	42.9	42.5	23.6	R 48.6	0.1	19.5	4.9	16.6	(s)	—	R 113.4	1.7	R 200.5	242.3	R 442.8
1989	—	46.1	46.1	42.4	17.6	R 62.0	0.1	38.7	5.0	19.7	(s)	—	R 143.2	R d 1.5	R d 233.1	245.9	R d 479.0
1990	—	46.3	46.3	69.3	17.1	R 82.7	0.1	14.4	5.2	19.0	(s)	—	R 138.5	0.7	R 254.8	256.1	R 510.8
1991	—	47.8	47.8	83.6	23.1	R 67.4	0.1	12.5	5.4	22.1	(s)	—	R 130.6	R 0.8	R 262.7	249.1	R 511.9
1992	—	50.3	50.3	R 144.7	15.7	R 69.4	0.2	11.9	6.0	22.5	(s)	—	R 125.5	0.3	R 320.8	250.6	R 571.4
1993	—	43.9	43.9	176.4	14.7	R 75.2	0.6	26.6	6.3	17.1	0.2	—	R 140.7	R 0.2	R 361.2	245.2	R 606.4
1994	—	42.7	42.7	R 194.0	18.1	R 71.5	0.6	26.8	6.6	18.9	0.2	—	R 142.7	0.5	R 379.9	242.9	R 622.8
1995	—	44.0	44.0	R 141.6	14.1	R 59.9	0.7	32.8	6.6	20.2	R (s)	—	R 134.3	R 0.3	R 320.2	227.7	R 548.0
1996	—	41.0	41.0	R 142.3	19.5	R 83.7	0.9	35.3	6.6	22.0	(s)	2.7	R 170.6	—	R 353.8	226.8	R 580.6
1997	—	46.4	46.4	R 146.6	23.3	R 99.2	0.8	5.1	6.3	23.2	(s)	2.8	R 160.6	—	R 353.6	237.8	R 591.5
1998	—	R 46.7	R 46.7	R 168.0	20.9	R 77.1	0.2	4.0	7.0	10.7	(s)	1.9	R 121.8	—	R 336.5	224.4	R 561.0
1999	—	46.9	46.9	R 110.3	26.8	R 90.8	0.2	6.0	6.2	11.5	(s)	2.5	R 143.8	—	R 301.1	224.7	R 525.7
2000	—	47.4	47.4	R 142.7	31.6	R 137.9	0.2	25.0	6.5	14.7	R (s)	4.0	R 220.0	—	R 410.1	234.2	R 644.3
2001	—	42.2	42.2	201.4	25.6	171.5	0.1	18.8	6.3	25.2	0.1	2.9	250.6	—	494.2	251.5	745.6

[a] Liquefied petroleum gases.
[b] "Other" is the "other petroleum products" category described in Section 4 of the Technical Notes.
[c] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
[d] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and waste beginning in 1989.
R=Revised data.

— No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 5. Transportation Sector Energy Price and Expenditure Estimates, Selected Years 1970-2001, Wyoming

Year	Primary Energy											Electricity	Total Energy
			Petroleum										
	Coal	Natural Gas	Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG [a]	Lubricants	Motor Gasoline	Residual Fuel	Total	Total		
	Prices in Nominal Dollars per Million Btu												
1970	0.42	—	2.17	1.31	0.76	1.22	5.08	2.93	0.54	2.19	2.19	—	2.19
1975	0.90	—	3.45	2.70	2.12	2.48	7.48	4.77	—	3.95	3.95	—	3.95
1980	—	—	9.02	7.39	6.59	5.07	14.36	10.28	—	8.94	8.94	—	8.94
1985	—	—	9.99	7.05	6.53	R 8.38	17.61	8.87	4.01	R 8.26	R 8.26	—	R 8.26
1986	—	—	8.41	6.77	4.56	R 7.52	15.59	6.72	—	6.84	6.84	—	6.84
1987	—	—	7.55	6.46	4.61	R 6.22	13.58	6.88	—	6.74	6.74	—	6.74
1988	—	—	7.41	6.48	4.62	R 6.21	14.62	6.84	—	6.72	6.72	—	6.72
1989	—	—	8.28	7.41	5.06	R 6.47	14.48	7.79	2.73	7.64	7.64	—	7.64
1990	—	—	9.32	8.38	6.45	R 6.34	14.60	8.66	—	8.56	8.56	—	8.56
1991	—	5.34	8.71	7.92	6.05	R 8.10	16.80	8.40	—	R 8.26	R 8.26	—	R 8.26
1992	—	5.43	8.54	7.97	5.88	R 6.43	18.32	8.73	—	R 8.45	R 8.45	—	R 8.45
1993	—	5.36	8.24	7.74	5.71	R 6.23	18.96	8.42	—	R 8.17	R 8.17	—	R 8.17
1994	—	4.37	7.96	7.59	5.29	R 7.56	19.11	8.69	—	R 8.24	R 8.24	—	R 8.24
1995	—	5.02	8.36	7.75	5.33	R 7.38	19.41	8.74	—	R 8.29	R 8.29	—	R 8.29
1996	—	4.94	9.29	8.52	5.84	R 8.63	20.08	9.32	—	R 8.97	R 8.97	—	R 8.97
1997	—	R —	9.39	8.32	5.76	R 8.12	17.98	9.46	—	R 8.90	R 8.90	—	R 8.90
1998	—	5.90	8.11	7.39	4.36	R 7.24	19.07	8.23	—	R 7.87	R 7.87	—	R 7.87
1999	—	5.87	8.81	8.20	4.90	R 8.97	16.75	9.31	—	R 8.69	R 8.69	—	R 8.69
2000	—	4.94	R 10.87	10.68	7.21	R 12.02	17.99	11.75	—	R 11.14	R 11.14	—	R 11.14
2001	—	8.10	11.01	10.00	6.43	13.56	19.00	11.36	—	10.58	10.58	—	10.58
	Expenditures in Million Nominal Dollars												
1970	(s)	—	2.8	23.4	0.5	0.4	2.6	81.0	1.6	112.3	112.4	—	112.4
1975	(s)	—	3.8	62.4	1.5	1.1	4.9	167.8	—	241.4	241.4	—	241.4
1980	—	—	4.9	276.4	6.0	1.4	13.1	433.7	—	735.4	735.4	—	735.4
1985	—	—	2.6	R 171.4	5.6	1.4	14.6	329.4	(s)	R 525.0	R 525.0	—	R 525.0
1986	—	—	2.1	R 147.7	3.7	R 1.4	12.7	232.1	—	R 399.7	R 399.7	—	R 399.7
1987	—	—	1.9	R 213.6	5.2	R 1.1	12.5	244.2	—	R 478.6	R 478.6	—	R 478.6
1988	—	—	2.0	R 252.3	5.0	1.2	12.9	247.7	—	R 521.1	R 521.1	—	R 521.1
1989	—	—	1.6	R 295.0	4.5	R 0.8	13.2	287.0	(s)	R 602.1	R 602.1	—	R 602.1
1990	—	—	1.7	R 325.5	5.1	0.6	13.7	300.9	—	R 647.4	R 647.4	—	R 647.4
1991	—	(s)	1.2	R 243.8	4.1	R 1.4	14.1	292.1	—	R 556.7	R 556.7	—	R 556.7
1992	—	R (s)	1.1	R 264.6	5.0	R 0.6	15.6	314.7	—	R 601.6	R 601.6	—	R 601.6
1993	—	R (s)	0.8	R 294.6	4.5	R 0.6	16.5	317.4	—	R 634.4	R 634.4	—	R 634.4
1994	—	R (s)	1.3	R 278.6	4.5	R 1.0	17.4	329.9	—	R 632.7	R 632.7	—	R 632.7
1995	—	R (s)	7.6	R 360.6	4.7	0.5	17.3	341.1	—	R 731.8	R 731.8	—	R 731.8
1996	—	R (s)	10.0	R 390.4	5.0	0.5	17.4	360.8	—	R 784.1	R 784.1	—	R 784.1
1997	—	R —	7.2	R 393.6	4.0	R 0.2	16.4	351.4	—	R 772.9	R 772.9	—	R 772.9
1998	—	R (s)	6.2	R 344.7	2.9	R 0.6	18.3	327.2	—	R 699.8	R 699.9	—	R 699.9
1999	—	R (s)	10.4	R 476.0	4.9	0.1	16.2	370.3	—	R 878.0	R 878.0	—	R 878.0
2000	—	R (s)	R 15.2	R 543.3	11.7	0.4	17.1	462.4	—	R 1,050.2	R 1,050.2	—	R 1,050.2
2001	—	0.1	11.6	534.3	12.1	0.2	16.6	451.5	—	1,026.3	1,026.4	—	1,026.4

[a] Liquefied petroleum gases.
R=Revised data.
—No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

(s)=Value less than 0.05 million nominal dollars.
Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 6. Electric Power Sector Price and Expenditure Estimates by Source, Selected Years 1970-2001, Wyoming (Note: Replaces Electric Utilities Table)

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	Electricity Imports	Electricity Exports	Total Energy [a]
			Heavy Oil	Light Oil	Petroleum Coke	Total					
	Prices in Nominal Dollars per Million Btu										
1970	0.14	0.22	0.58	0.76	—	0.67	—	—	—	—	0.14
1975	0.25	0.94	1.99	2.44	—	2.01	—	—	—	—	0.26
1980	0.57	4.61	—	6.98	—	6.98	—	—	—	—	0.59
1985	0.92	4.33	—	6.00	—	6.00	—	—	—	—	0.93
1986	0.92	3.80	—	3.87	—	3.87	—	—	—	—	0.93
1987	0.87	3.26	—	4.10	—	4.10	—	—	—	—	0.88
1988	0.84	3.68	—	3.80	—	3.80	—	—	—	—	0.85
1989	0.85	3.48	—	4.15	—	4.15	—	—	—	—	0.85
1990	0.84	3.15	—	5.27	—	5.27	—	—	—	—	0.84
1991	0.83	3.34	—	4.94	—	4.94	—	—	—	—	0.84
1992	0.76	3.20	—	4.79	—	4.79	—	—	—	—	0.76
1993	0.80	3.30	—	4.73	—	4.73	—	—	—	—	0.81
1994	0.80	5.61	—	4.45	—	4.45	—	—	—	—	0.81
1995	0.82	7.98	—	4.45	—	4.45	—	—	—	—	0.83
1996	0.82	12.11	—	5.46	—	5.46	—	—	—	—	0.83
1997	0.81	8.76	—	5.17	—	5.17	—	—	—	—	0.81
1998	0.79	7.96	—	4.06	—	4.06	—	—	—	—	0.79
1999	0.76	3.72	—	4.76	—	4.76	—	—	—	—	0.77
2000	0.78	3.76	—	7.24	—	7.24	—	—	—	—	0.80
2001	0.77	3.82	—	7.07	—	7.07	—	—	—	—	0.79
	Expenditures in Million Nominal Dollars										
1970	8.3	0.5	(s)	0.1	—	0.1	—	—	—	—	8.9
1975	28.4	0.4	1.4	0.1	—	1.5	—	—	—	—	30.3
1980	134.9	0.9	—	5.0	—	5.0	—	—	—	—	140.7
1985	340.7	0.6	—	5.0	—	5.0	—	—	—	—	346.3
1986	280.2	0.5	—	2.8	—	2.8	—	—	—	—	283.5
1987	342.2	0.3	—	2.8	—	2.8	—	—	—	—	345.3
1988	346.6	0.7	—	2.7	—	2.7	—	—	—	—	350.0
1989	329.0	0.3	—	2.9	—	2.9	—	—	—	—	332.2
1990	347.8	0.2	—	3.0	—	3.0	—	—	—	—	351.0
1991	337.2	0.3	—	3.5	—	3.5	—	—	—	—	341.0
1992	337.4	0.3	—	2.8	—	2.8	—	—	—	—	340.5
1993	339.1	0.3	—	2.9	—	2.9	—	—	—	—	342.3
1994	358.0	0.8	—	2.2	—	2.2	—	—	—	—	361.0
1995	342.2	1.1	—	3.3	—	3.3	—	—	—	—	346.6
1996	350.1	1.1	—	3.5	—	3.5	—	—	—	—	354.7
1997	341.2	0.9	—	3.2	—	3.2	—	—	—	—	345.2
1998	370.0	2.3	—	1.9	—	1.9	—	—	—	—	374.1
1999	344.2	0.6	—	2.4	—	2.4	—	—	—	—	347.2
2000	362.3	7.1	—	2.8	—	2.8	—	—	—	—	372.2
2001	356.2	10.7	—	2.7	—	2.7	—	—	—	—	369.7

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.
— No consumption.
(s)=Value less than 0.05 million nominal dollars.

Note: Expenditure totals may not equal sum of components due to independent rounding.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.