Table 1. Energy Price and Expenditure Estimates by Source, Selected Years 1970-2000, Utah

Year	Primary Energy														Electric Utility Fuel [c,d]	Electricity Purchased by End-Users	Total Energy [c]
	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	R 0.29	R 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	R 1.15	R 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	R 1.38	R 1.47	4.01	6.67	6.25	8.90	9.09	3.86	6.67	7.96	—	3.22	4.28	1.39	19.05	R 7.24
1986	1.75	R 1.41	1.45	4.41	5.62	4.05	7.01	6.78	2.36	6.26	6.09	—	2.67	R 3.81	1.42	19.56	R 6.97
1987	—	1.25	1.25	4.16	5.97	4.19	6.88	7.44	2.16	5.01	6.40	—	2.34	3.42	1.27	19.15	7.38
1988	2.02	1.26	1.33	3.94	6.04	3.95	6.98	7.71	1.98	5.66	6.60	—	2.35	R 3.28	1.27	18.41	R 6.80
1989	1.92	R 1.24	R 1.30	3.99	6.77	4.60	8.87	8.24	1.67	4.53	7.07	—	e 2.89	e 3.36	1.25	17.10	R e 6.82
1990	1.84	1.18	1.24	4.17	8.04	5.75	8.91	9.09	2.67	4.94	7.97	—	4.50	R 3.54	1.18	16.09	7.16
1991	1.99	R 1.20	R 1.27	4.21	7.36	5.13	9.39	8.81	2.31	4.53	7.37	—	4.34	3.61	1.21	16.09	R 6.94
1992	2.00	1.21	R 1.27	4.24	7.29	4.96	9.66	8.95	1.78	5.39	7.63	—	4.00	3.58	1.22	15.61	7.17
1993	1.95	R 1.20	1.25	3.99	7.24	4.91	9.45	8.76	1.96	5.27	7.51	—	3.91	R 3.51	1.21	15.69	R 6.92
1994	1.90	R 1.15	R 1.21	3.64	7.09	4.56	8.01	8.97	1.94	5.19	7.53	—	3.79	R 3.42	1.17	15.78	R 6.91
1995	1.97	1.08	1.15	3.37	7.54	4.84	7.72	9.24	1.86	5.15	7.80	—	3.70	R 3.59	1.13	15.63	R 6.94
1996	1.94	R 1.07	1.13	3.28	8.47	6.07	9.31	10.09	1.66	5.36	8.66	—	4.15	R 3.93	1.09	15.57	R 7.48
1997	—	1.11	R 1.03	3.83	8.34	5.70	8.76	10.51	2.25	5.53	8.82	—	4.13	R 4.00	1.13	15.25	R 7.53
1998	1.81	R 1.14	1.18	4.16	7.14	4.39	7.66	9.07	1.99	5.35	7.55	—	3.77	R 3.72	1.17	15.22	R 7.05
1999	1.78	R 1.04	R 1.08	4.04	7.85	4.74	8.65	10.13	1.93	4.78	8.22	—	R 3.02	3.90	1.06	14.32	R 7.42
2000	1.70	1.02	1.06	4.88	10.20	7.38	14.07	12.29	2.67	5.01	10.49	—	4.47	4.78	1.11	14.27	8.64
	Expenditures in Million Nominal Dollars																
1970	22.7	R 7.6	R 30.4	61.5	32.4	7.6	6.7	177.5	10.3	17.2	251.7	—	0.6	R 344.2	-6.4	92.0	R 429.8
1975	71.7	R 35.2	R 106.9	113.6	137.5	22.4	15.4	357.3	43.5	31.2	607.3	—	1.0	R 828.8	-26.2	186.9	R 989.5
1980	77.9	R 147.7	R 225.6	255.6	319.7	96.4	23.8	799.6	74.8	76.9	1,391.3	—	2.1	R 1,874.6	-141.2	469.3	R 2,202.7
1985	64.8	R 228.2	R 293.0	439.9	230.8	133.0	44.4	775.5	1.7	93.2	1,278.6	—	3.2	R 2,014.7	-208.0	830.7	R 2,637.4
1986	36.9	R 236.4	R 273.3	365.0	239.3	98.4	36.9	624.7	0.7	68.2	1,068.2	—	2.8	R 1,709.3	-222.5	852.9	R 2,339.8
1987	—	R 341.3	R 341.3	348.4	235.3	116.8	38.5	688.7	1.5	60.0	1,140.9	—	1.7	R 1,832.2	-331.1	861.6	R 2,362.8
1988	63.8	R 386.3	R 450.1	376.3	258.0	110.4	34.0	734.8	0.6	54.1	1,191.8	—	1.8	R 2,020.0	-367.6	895.9	R 2,548.2
1989	60.6	R 389.8	R 450.4	406.0	243.7	131.7	43.0	749.6	R 0.2	61.2	1,229.4	—	e 1.6	R e 2,087.4	-367.7	853.9	R e 2,573.6
1990	60.8	R 392.4	R 453.2	419.4	343.9	171.0	33.3	798.8	2.1	57.3	1,406.3	—	6.5	R 2,285.4	-370.7	831.0	R 2,745.7
1991	63.5	R 375.0	R 438.6	512.8	334.1	170.3	24.4	805.1	R 0.3	97.5	1,431.7	—	6.5	R 2,389.6	-362.7	857.9	R 2,884.8
1992	59.8	R 401.9	R 461.7	481.3	342.6	156.3	23.3	842.2	R 0.2	71.8	1,436.4	—	6.3	R 2,385.8	-395.5	867.8	R 2,858.1
1993	52.6	R 411.4	R 464.0	512.6	337.3	152.6	25.9	866.9	1.4	73.6	1,457.6	—	6.0	R 2,440.2	-399.0	887.1	R 2,928.4
1994	51.2	R 408.3	R 459.5	457.8	346.9	135.2	22.2	911.7	1.4	75.3	1,492.8	—	5.7	R 2,415.8	-395.5	944.5	R 2,964.7
1995	52.2	R 363.9	R 416.1	439.3	402.3	154.3	42.4	1,000.6	0.8	86.1	1,686.4	—	6.2	R 2,548.1	-358.2	967.5	R 3,157.4
1996	54.4	R 354.2	R 408.5	429.6	489.4	216.6	87.7	1,114.1	R 0.1	95.8	2,003.8	—	7.2	R 2,849.2	-344.3	1,036.5	R 3,541.4
1997	—	R 380.3	R 380.3	529.3	546.8	202.7	23.7	1,206.4	R 0.2	86.1	2,065.8	—	7.6	R 2,983.1	-369.9	1,042.2	R 3,655.4
1998	47.0	R 408.0	R 454.9	588.0	465.5	158.7	11.5	1,075.2	(s)	99.8	1,810.8	—	R 5.9	R 2,859.6	-394.9	1,056.9	R 3,521.6
1999	35.4	R 377.9	R 413.3	R 545.5	483.4	200.1	31.2	1,221.7	R 0.1	87.3	2,023.8	—	R 7.0	R 2,989.6	-368.3	1,051.9	R 3,673.2
2000	45.9	383.3	429.2	679.1	694.4	322.1	90.9	1,530.5	-2.1	88.8	2,724.7	—	10.7	3,843.7	-393.2	1,110.6	4,561.1

[a] Liquefied petroleum gases.
[b] "Other" includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke (industrial and used at electric utilities), 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 generated from nonrenewable energy sources are included in this total but not in any other columns.
[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 1970-2000, 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	R 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	R 4.65
1985	3.46	4.52	7.25	8.67	9.25	8.93	4.14	R 4.68	22.80	R 7.71
1986	3.42	4.89	4.04	4.69	6.93	6.45	3.32	R 4.93	23.27	R 8.37
1987	2.62	4.60	3.73	4.71	7.34	6.59	3.16	R 4.69	23.28	R 8.74
1988	2.63	4.73	3.86	4.40	7.49	6.56	3.19	R 4.79	22.88	R 8.78
1989	3.01	4.73	5.43	4.60	12.23	9.58	3.53	R 4.94	21.68	R 8.47
1990	3.02	4.85	7.20	5.98	9.19	8.48	4.75	R 4.97	20.90	R 8.44
1991	3.06	5.07	6.86	7.32	9.59	8.52	4.54	R 5.16	20.86	R 8.37
1992	2.80	5.05	7.08	6.88	10.06	8.98	4.15	R 5.13	20.43	R 8.60
1993	2.47	4.75	4.12	6.98	10.06	6.85	4.06	R 4.77	20.08	R 8.04
1994	2.28	4.64	4.32	5.95	9.93	6.95	3.94	R 4.66	20.26	R 8.35
1995	2.21	4.46	6.38	6.15	10.07	8.60	3.86	R 4.53	20.34	R 8.29
1996	2.20	4.29	8.30	6.91	11.58	10.24	4.43	R 4.43	20.39	R 8.23
1997	2.72	4.92	6.23	7.23	8.31	7.73	4.41	R 5.01	20.19	R 8.49
1998	2.87	5.32	5.18	—	7.10	6.07	3.82	R 5.29	20.06	R 8.84
1999	3.48	5.09	6.09	—	8.20	7.42	3.93	R 5.12	18.39	R 8.51
2000	2.62	5.90	8.79	7.84	14.00	12.85	5.90	6.19	18.43	9.39
	Expenditures in Million Nominal Dollars									
1970	R 1.2	37.9	1.1	R 0.1	6.0	7.2	R 0.1	R 46.4	38.5	R 85.0
1975	R 1.2	72.8	5.9	R 0.1	12.1	18.1	R 0.3	R 92.4	75.2	R 167.6
1980	R 3.5	158.0	4.5	—	11.1	15.6	1.6	R 178.7	179.9	R 358.6
1985	R 4.1	285.3	3.1	R 0.5	21.0	24.6	2.6	R 316.6	310.1	R 626.7
1986	R 3.0	267.4	1.8	R 0.1	15.7	17.6	2.0	R 290.1	316.7	R 606.7
1987	R 1.5	206.4	2.2	R 0.2	17.4	19.8	1.0	R 228.8	316.1	R 544.9
1988	R 2.4	215.9	3.0	R 0.2	17.3	20.5	1.0	R 239.7	324.0	R 563.7
1989	R 3.0	232.2	5.8	R 0.1	21.0	27.0	1.2	R 263.3	308.0	R 571.3
1990	R 3.4	229.3	5.7	R 0.2	14.1	20.0	5.9	R 258.6	302.9	R 561.5
1991	R 3.5	275.1	6.4	R 0.2	14.4	21.0	6.0	R 305.6	317.5	R 623.0
1992	R 2.4	243.2	4.8	R 0.1	12.2	17.0	5.7	R 268.4	314.0	R 582.4
1993	R 1.2	265.6	3.6	R 0.1	7.3	11.0	5.4	R 283.2	323.7	R 606.9
1994	R 0.8	242.7	2.8	R 0.2	5.9	8.9	5.1	R 257.5	346.3	R 603.7
1995	R 0.5	232.1	3.1	R 0.1	7.6	10.9	5.6	R 249.1	349.9	R 599.0
1996	R 0.6	242.9	4.8	R 0.2	10.5	15.5	6.4	R 265.4	381.4	R 646.7
1997	R 0.9	298.1	4.2	R 0.2	14.7	19.1	6.6	R 324.7	389.9	R 714.5
1998	R 0.8	316.6	2.4	—	3.8	6.2	R 5.2	R 328.8	393.9	R 722.7
1999	R 1.1	297.9	3.2	—	9.3	12.4	R 5.7	R 317.1	391.2	R 708.3
2000	0.4	344.9	5.1	0.2	29.8	35.0	8.9	389.2	409.6	798.8

[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 1970-2000, Utah

Year	Primary Energy										Electricity	Total Energy [b]
			Petroleum									
	Coal	Natural Gas	Distillate Fuel	Kerosene	LPG [a]	Motor Gasoline	Residual Fuel	Total	Wood	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	R 0.71	5.32	R 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	R 3.29
1980	1.07	5.12	6.42	5.82	4.36	9.80	3.69	5.14	3.66	R 4.16	13.22	R 7.53
1985	1.28	4.57	6.03	8.67	8.60	9.09	3.94	6.51	4.14	R 4.18	20.09	R 11.52
1986	1.27	4.99	3.75	4.69	7.07	6.78	2.40	4.12	3.32	R 3.68	20.49	R 12.51
1987	1.08	4.61	4.21	4.71	6.54	7.44	2.16	4.40	3.16	R 4.22	20.06	R 10.64
1988	1.11	3.77	3.89	4.40	6.53	7.71	1.98	4.33	3.19	R 3.54	19.91	R 9.73
1989	1.19	3.83	4.64	4.60	7.02	8.24	1.66	5.24	3.53	R 3.59	18.87	R 9.79
1990	1.23	3.95	5.81	5.98	8.71	9.09	2.51	6.08	4.75	R 3.70	17.34	R 9.33
1991	1.14	4.19	5.13	7.32	9.12	8.81	2.31	5.77	4.54	R 3.79	17.10	R 8.91
1992	1.10	4.08	4.97	6.88	9.26	8.95	1.78	5.55	4.15	R 3.78	16.79	R 9.47
1993	1.13	3.76	4.97	6.98	9.23	8.76	1.96	4.96	4.06	R 3.66	16.82	R 9.00
1994	1.16	3.59	4.65	5.95	8.68	8.97	1.94	4.83	3.94	R 3.56	16.68	R 8.69
1995	0.86	3.42	4.79	6.15	8.41	9.24	1.86	5.04	3.86	R 3.45	16.80	R 8.78
1996	0.82	3.24	5.66	6.91	10.37	10.09	1.66	5.94	4.43	R 3.36	16.78	R 8.57
1997	0.82	3.75	5.55	7.23	10.87	10.51	2.25	6.10	4.41	R 3.78	16.31	R 8.68
1998	0.83	4.15	4.33	—	9.65	9.07	1.99	4.56	3.82	R 3.99	16.38	R 8.90
1999	0.93	3.90	4.75	—	9.37	10.13	1.93	5.03	3.93	R 3.85	15.19	R 8.55
2000	1.07	4.68	7.24	7.84	12.60	12.29	2.67	7.85	5.90	4.85	15.01	9.34
	Expenditures in Million Nominal Dollars											
1970	R 0.3	6.0	3.2	R 0.2	0.6	2.9	1.4	8.2	(s)	R 14.6	34.3	R 48.9
1975	R 1.6	9.2	18.8	R 0.4	0.9	5.0	10.7	35.8	(s)	R 46.6	60.5	R 107.0
1980	R 4.6	1.8	38.4	1.1	1.0	4.1	24.4	69.0	(s)	R 75.6	141.7	R 217.2
1985	R 6.1	41.7	19.0	0.9	3.4	4.2	1.1	28.7	R 0.1	R 76.6	315.0	R 391.6
1986	R 4.5	21.9	19.9	R 0.2	2.8	3.2	0.6	26.7	R 0.1	R 53.2	327.3	R 380.5
1987	R 2.5	73.8	18.1	R 0.5	2.7	3.7	1.5	26.5	(s)	R 102.8	332.9	R 435.6
1988	R 4.0	73.1	15.8	R 0.1	2.7	3.6	0.6	22.8	(s)	R 99.9	342.0	R 441.9
1989	R 5.1	68.7	12.4	R 0.1	2.1	3.9	R 0.1	18.6	(s)	R 92.5	333.0	R 425.5
1990	R 6.2	69.7	12.2	R 0.2	2.4	4.6	1.2	20.5	R 0.4	R 96.8	318.9	R 415.7
1991	R 6.8	86.7	14.0	R 0.4	2.4	3.8	R 0.3	20.9	R 0.4	R 114.8	325.0	R 439.8
1992	R 4.7	73.0	13.6	(s)	2.0	3.4	R 0.2	19.3	R 0.4	R 97.3	335.0	R 432.4
1993	R 2.6	91.7	10.6	R 0.1	1.2	0.9	0.7	13.5	R 0.5	R 108.3	339.7	R 448.0
1994	R 2.4	101.8	13.1	R 0.1	0.9	1.0	R 0.2	15.3	R 0.4	R 119.9	360.9	R 480.8
1995	R 1.3	97.6	12.3	(s)	1.1	1.0	R 0.2	14.7	R 0.4	R 114.1	370.4	R 484.5
1996	R 1.6	99.9	16.6	R 0.1	1.7	1.1	R 0.1	19.7	0.5	R 121.6	384.6	R 506.3
1997	R 2.1	121.7	17.5	R 0.1	3.4	1.1	R 0.2	22.3	R 0.8	R 146.8	405.4	R 552.2
1998	R 1.9	134.3	15.1	—	0.9	1.0	(s)	17.0	0.6	R 153.9	415.5	R 569.4
1999	R 2.2	125.1	18.6	—	1.9	1.1	R 0.1	21.8	R 0.7	R 149.7	418.4	R 568.1
2000	1.3	153.9	19.4	0.2	4.7	1.4	0.3	26.0	1.1	182.3	447.8	630.2

[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 4. Industrial Sector Energy Price and Expenditure Estimates, Selected Years 1970-2000, 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	6.29	1.49	3.17	14.36	4.53
1986	1.75	1.27	1.62	3.16	4.38	4.10	5.30	7.07	15.59	6.78	2.40	—	4.89	1.68	3.10	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	—	4.57	1.68	3.23	14.35	5.52
1988	2.02	1.11	1.75	2.87	3.32	4.22	4.45	6.53	14.62	7.71	1.98	—	4.60	1.68	2.73	13.27	4.32
1989	1.92	1.19	1.68	3.04	2.73	5.03	5.09	7.02	14.48	8.24	1.66	—	4.58	[d] 1.68	[d] 2.79	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	—	5.35	1.70	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	4.61	1.70	3.14	11.28	4.28
1992	2.00	1.10	1.74	3.79	2.96	5.41	5.65	9.26	18.32	8.95	1.78	24.75	5.02	1.70	3.27	10.79	4.47
1993	1.95	1.27	[R] 1.66	3.40	2.91	5.44	5.76	9.23	18.96	8.76	1.96	19.10	5.08	1.70	[R] 3.07	11.07	[R] 4.27
1994	1.90	1.36	[R] 1.65	2.56	2.81	5.32	5.14	7.37	19.11	8.97	1.94	24.75	4.91	1.62	[R] 2.72	11.22	[R] 4.05
1995	1.97	0.97	1.48	2.20	3.17	5.47	5.37	7.30	19.41	9.24	1.86	23.89	5.18	1.62	[R] 2.64	10.91	[R] 3.91
1996	1.94	0.99	[R] 1.58	2.01	3.50	6.35	6.36	9.05	20.08	10.09	1.66	22.95	6.22	1.62	[R] 3.13	10.84	[R] 4.45
1997	—	1.04	[R] 0.40	2.45	3.52	6.11	6.13	9.02	17.98	10.51	2.25	24.62	5.62	1.62	[R] 2.49	10.22	[R] 3.82
1998	1.81	0.98	[R] 1.41	2.87	3.60	4.70	4.85	7.79	19.07	9.07	1.99	20.11	4.76	1.62	[R] 2.79	10.12	[R] 3.97
1999	1.78	1.13	[R] 1.44	2.79	3.12	4.88	5.80	8.77	16.75	10.13	1.93	20.54	4.78	0.87	[R] 2.84	9.84	4.10
2000	1.70	1.07	1.36	3.74	3.11	7.08	8.06	14.31	17.99	12.29	2.67	21.33	6.67	0.99	3.38	9.82	4.45
	Expenditures in Million Nominal Dollars																
1970	22.7	3.6	26.4	16.5	6.0	6.0	0.8	[R] 0.1	2.9	3.8	6.0	[R] 0.3	25.9	[R] 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	[R] 0.4	368.8	147.7	516.5
1985	64.8	13.5	78.3	111.8	50.8	41.3	[R] 0.1	17.6	10.3	10.5	(s)	7.0	137.6	0.5	328.2	205.7	533.9
1986	36.9	10.5	47.4	74.4	37.7	46.3	[R] 0.4	16.3	8.9	7.5	(s)	—	117.1	0.7	239.6	208.9	448.5
1987	—	12.1	12.1	66.7	30.6	39.6	[R] 0.1	17.0	8.8	8.0	(s)	—	104.1	0.7	183.6	212.6	396.2
1988	63.8	15.2	79.0	86.8	23.5	47.1	[R] 0.4	12.5	9.1	8.5	(s)	—	101.0	0.7	267.5	229.9	497.4
1989	60.6	18.4	79.0	103.0	30.3	45.2	(s)	18.4	9.2	8.4	(s)	—	111.6	[R] [d] 0.3	[d] 293.9	212.9	[d] 506.8
1990	60.8	19.3	80.1	115.8	24.7	55.3	[R] 0.2	15.2	9.6	9.5	(s)	—	114.4	[R] 0.2	310.5	209.3	519.8
1991	63.5	13.4	77.0	141.9	61.9	60.6	[R] 0.1	6.1	9.9	9.7	(s)	1.7	150.2	[R] 0.2	369.3	215.4	584.7
1992	59.8	13.3	73.1	152.8	32.1	61.3	(s)	7.8	11.0	9.7	(s)	2.8	124.7	[R] 0.2	350.7	218.8	569.5
1993	52.6	25.0	[R] 77.5	140.5	33.4	58.0	[R] 0.1	15.9	11.6	11.4	0.7	2.3	133.3	[R] 0.2	[R] 351.5	223.7	[R] 575.2
1994	51.2	32.5	[R] 83.7	91.6	33.9	55.4	[R] 0.1	13.9	12.2	14.8	1.2	3.1	134.4	[R] 0.2	[R] 309.9	237.3	[R] 547.2
1995	52.2	25.3	[R] 77.5	89.4	45.8	51.0	[R] 0.1	32.7	12.2	15.5	0.6	2.9	160.8	[R] 0.2	[R] 327.9	247.2	[R] 575.1
1996	54.4	17.0	[R] 71.4	78.8	54.8	67.8	[R] 0.1	74.7	12.2	17.4	(s)	3.6	230.7	[R] 0.3	[R] 381.2	270.5	[R] 651.7
1997	—	17.9	[R] 17.9	100.3	46.6	85.3	[R] 0.1	5.1	11.6	18.3	(s)	3.5	170.4	[R] 0.3	[R] 288.9	246.9	[R] 535.8
1998	47.0	24.4	[R] 71.4	123.7	58.6	68.3	[R] 0.1	6.7	12.8	11.7	(s)	2.7	161.0	[R] 0.1	[R] 356.2	247.5	[R] 603.7
1999	35.4	25.1	[R] 60.5	[R] 104.7	49.2	57.6	[R] 0.2	18.9	11.4	12.4	(s)	2.5	152.1	0.6	[R] 317.9	242.2	[R] 560.1
2000	45.9	34.7	80.6	137.1	47.4	89.5	0.2	54.5	12.0	15.4	-2.5	2.3	218.8	0.7	437.2	252.8	690.0

[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 1970-2000, 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	8.60	17.61	9.09	—	8.28	8.28	—	8.28
1986	—	—	8.41	6.80	4.05	7.07	15.59	6.78	—	6.39	6.39	—	6.39
1987	—	—	7.55	6.97	4.19	6.54	13.58	7.44	—	6.78	6.78	—	6.78
1988	—	—	7.41	7.27	3.95	6.53	14.62	7.71	—	6.98	6.98	—	6.98
1989	—	—	8.28	7.82	4.60	7.02	14.48	8.24	2.73	7.49	7.49	—	7.49
1990	—	6.29	9.32	8.76	5.75	8.71	14.60	9.09	2.92	8.39	8.39	—	8.39
1991	—	5.14	8.71	8.30	5.13	9.12	16.80	8.81	—	7.98	7.98	—	7.98
1992	—	5.03	8.54	8.20	4.96	9.26	18.32	8.95	—	8.07	8.07	—	8.07
1993	—	4.88	8.24	8.07	4.91	9.23	18.96	8.76	—	7.96	7.96	—	7.96
1994	—	4.59	7.96	7.89	4.56	7.93	19.11	8.97	—	8.02	8.02	—	8.02
1995	—	4.45	8.36	8.22	4.84	7.74	19.41	9.24	—	8.30	8.29	—	8.29
1996	—	4.31	9.29	9.20	6.07	9.05	20.08	10.09	—	9.18	9.18	—	9.18
1997	—	5.15	9.39	9.22	5.70	8.51	17.98	10.51	—	9.37	9.37	—	9.37
1998	—	5.18	8.11	8.16	4.39	7.58	19.07	9.07	—	8.08	8.08	—	8.08
1999	—	5.04	8.81	8.93	4.74	9.39	16.75	10.13	—	8.82	8.81	12.33	8.81
2000	—	5.44	10.48	11.17	7.38	12.59	17.99	12.29	—	11.08	11.08	12.13	11.08
	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	R 0.1	7.2	346.0	0.8	451.0	451.0	—	451.0
1980	—	—	6.3	203.5	96.4	R 0.2	16.9	787.0	—	1,110.3	1,110.3	—	1,110.3
1985	—	—	4.7	165.5	133.0	2.3	18.8	760.8	—	1,085.2	1,085.2	—	1,085.2
1986	—	—	4.7	168.6	98.4	2.0	16.3	614.0	—	904.0	904.0	—	904.0
1987	—	—	3.8	170.9	116.8	1.4	16.0	677.1	—	986.0	986.0	—	986.0
1988	—	—	4.2	189.7	110.4	1.6	16.6	722.7	—	1,045.2	1,045.2	—	1,045.2
1989	—	—	4.4	178.1	131.7	1.5	16.9	737.3	(s)	1,070.0	1,070.0	—	1,070.0
1990	—	(s)	5.0	268.1	171.0	1.6	17.6	784.7	0.9	1,248.8	1,248.8	—	1,248.8
1991	—	(s)	5.2	250.7	170.3	1.4	18.1	791.6	—	1,237.2	1,237.3	—	1,237.3
1992	—	R 0.1	5.7	261.1	156.3	1.3	20.1	829.1	—	1,273.7	1,273.8	—	1,273.8
1993	—	R 0.2	4.7	263.5	152.6	1.4	21.2	854.6	—	1,298.0	1,298.2	—	1,298.2
1994	—	R 0.3	3.5	274.1	135.2	1.6	22.3	895.9	—	1,332.8	1,333.0	—	1,333.0
1995	—	R 0.5	2.7	334.1	154.3	0.9	22.3	984.1	—	1,498.3	1,498.8	—	1,498.8
1996	—	0.5	2.4	398.3	216.6	0.8	22.4	1,095.6	—	1,736.1	1,736.7	—	1,736.7
1997	—	0.7	2.9	438.0	202.7	R 0.5	21.1	1,187.0	—	1,852.2	1,852.9	—	1,852.9
1998	—	0.7	2.1	378.3	158.7	(s)	23.5	1,062.5	—	1,625.1	1,625.8	—	1,625.8
1999	—	0.7	3.3	402.5	200.1	1.2	20.8	1,208.1	—	1,835.9	1,836.6	(s)	1,836.7
2000	—	0.8	4.4	576.6	322.1	1.9	22.0	1,513.7	—	2,440.9	2,441.7	0.3	2,442.0

[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. Price and Expenditure Estimates for Energy Input at Electric Utilities, Selected Years 1970-2000, Utah

Year	Coal	Natural Gas	Petroleum: Heavy Oil	Petroleum: Light Oil	Petroleum: Petroleum Coke	Petroleum: Total	Nuclear Fuel	Wood and Waste	Total Energy [a]
	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	—	—	1.27
1988	1.27	2.83	—	3.98	—	3.98	—	—	1.27
1989	1.24	3.14	—	4.45	—	4.45	—	—	1.25
1990	1.17	5.04	—	5.42	—	5.42	—	—	1.18
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	—	—	1.13
1998	1.15	2.03	—	4.40	—	4.40	—	—	1.17
1999	1.03	2.54	—	5.14	—	5.14	—	—	1.06
2000	1.01	3.84	—	6.79	—	6.79	—	—	1.11
	Expenditures in Million Nominal Dollars								
1970	2.5	1.0	2.8	(s)	—	2.9	—	—	6.4
1975	22.8	1.8	1.5	R 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	R 0.1	2.7	—	2.8	—	—	222.5
1987	325.1	1.4	—	4.5	—	4.5	—	—	331.1
1988	364.7	0.6	—	2.4	—	2.4	—	—	367.6
1989	363.3	2.2	—	2.2	—	2.2	—	—	367.7
1990	363.5	4.6	—	2.6	—	2.6	—	—	370.7
1991	351.4	8.9	—	2.3	—	2.3	—	—	362.7
1992	381.5	12.3	—	1.7	—	1.7	—	—	395.5
1993	382.7	14.6	—	1.7	—	1.7	—	—	399.0
1994	372.5	21.5	—	1.4	—	1.4	—	—	395.5
1995	336.7	19.7	—	1.8	—	1.8	—	—	358.2
1996	335.0	7.5	—	1.8	—	1.8	—	—	344.3
1997	359.5	8.5	—	1.8	—	1.8	—	—	369.9
1998	380.8	12.6	—	1.5	—	1.5	—	—	394.9
1999	349.6	17.1	—	1.6	—	1.6	—	—	368.3
2000	346.9	42.4	—	3.9	—	3.9	—	—	393.2

[a] There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy. Net imports of electricity generated from nonrenewable energy sources are included in this total but not in any other columns.

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.