

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

Year	Primary Energy																Electric Utility Fuel c,d	Electricity Purchased by End-Users	Total Energy c
	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	2.92	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	7.02	7.40	0.43	2.26	4.57	1.75	13.95	6.89
1985	2.03	1.67	1.69	2.76	2.99	4.61	7.18	5.91	6.54	9.01	4.30	7.52	7.62	0.71	2.41	4.91	1.85	19.05	8.36
1986	1.90	1.60	1.62	2.63	3.11	4.07	5.66	3.92	6.42	6.79	2.37	5.77	5.72	0.70	2.10	3.96	1.56	19.05	7.30
1987	1.74	1.52	1.53	3.37	2.40	3.77	5.94	4.03	6.06	7.23	2.86	5.59	6.03	0.71	2.07	3.98	1.52	18.74	7.33
1988	1.79	1.48	1.50	2.85	2.90	3.78	5.80	3.80	5.86	7.33	2.35	5.23	5.90	0.73	2.08	3.87	1.45	18.68	7.26
1989	1.78	1.47	1.49	2.98	3.79	3.85	6.45	4.39	5.53	8.02	2.72	5.47	6.43	0.70	^e 1.74	^e 4.10	1.48	18.98	^e 7.59
1990	1.79	1.48	1.50	3.53	3.80	3.85	7.70	5.68	6.75	9.12	3.16	5.80	7.47	0.67	1.70	4.49	1.46	19.33	8.25
1991	1.83	1.47	1.49	2.86	3.41	3.78	7.28	4.83	6.79	8.93	2.62	5.72	7.19	0.63	1.75	4.31	1.37	19.85	8.20
1992	1.83	1.44	1.46	2.78	3.35	3.89	7.11	4.52	6.19	8.96	2.27	5.49	7.07	0.59	1.66	4.28	1.35	20.06	8.12
1993	1.79	1.42	1.43	2.88	3.22	4.16	7.10	4.29	6.20	8.83	2.25	5.47	7.01	0.56	1.58	4.30	1.35	20.38	8.22
1994	1.73	1.39	1.40	2.46	3.31	4.15	7.03	3.95	6.61	8.96	2.32	5.46	7.07	0.56	1.50	4.31	1.30	20.34	8.24
1995	1.76	1.36	1.38	2.71	3.43	3.81	7.02	4.00	6.54	9.22	2.46	5.72	7.29	0.54	1.42	4.28	1.23	20.30	8.24
1996	1.77	1.33	1.34	2.20	3.87	4.33	7.90	4.82	8.01	9.85	2.79	6.22	8.02	0.51	1.53	4.69	1.28	20.17	8.72
1997	1.62	1.31	1.32	2.64	3.25	4.63	7.70	4.53	7.42	9.81	2.93	5.91	7.87	0.51	1.42	4.72	1.30	20.15	8.78
1998	1.75	1.29	1.31	3.73	3.07	4.25	6.63	3.35	5.99	8.45	2.15	5.06	6.65	0.50	1.50	4.14	1.24	19.82	8.15
1999	1.73	1.27	1.28	3.88	2.83	4.26	7.24	4.01	6.64	9.31	2.30	5.32	7.33	0.47	1.60	4.42	1.22	19.37	8.34
2000	1.67	1.26	1.27	3.64	2.66	5.68	9.90	6.60	10.19	12.01	4.74	6.98	9.94	0.45	1.90	5.78	1.43	20.04	9.85
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	4,159	47,942	44	438	63,870	-4,316	23,345	82,898
1975	3,692	9,329	13,021	-75	156	20,061	15,680	4,193	5,231	59,446	10,374	8,448	103,372	448	534	137,517	-16,396	50,680	171,802
1980	3,753	18,853	22,607	-130	52	51,061	40,797	13,923	10,926	124,408	21,573	26,001	237,628	1,189	1,252	313,659	-37,435	98,095	374,319
1985	2,228	27,444	29,673	-77	43	72,938	43,759	14,747	13,545	118,048	11,493	22,004	223,597	2,878	1,493	330,545	-42,507	149,233	437,271
1986	1,825	26,022	27,847	-66	25	59,702	34,995	10,505	12,694	91,529	7,486	17,579	174,788	3,061	1,319	266,677	-35,729	151,793	382,741
1987	1,718	25,809	27,526	-48	55	58,019	37,587	11,448	12,859	99,864	8,062	17,581	187,400	3,378	1,299	277,629	-36,584	154,685	395,730
1988	2,006	26,324	28,329	-77	194	61,089	38,593	11,318	12,775	103,323	7,259	16,674	189,941	4,057	1,358	284,890	-37,381	162,063	409,572
1989	1,934	26,338	28,271	-80	217	65,383	43,246	13,434	12,154	112,720	8,354	16,965	206,872	3,939	^e 1,659	^e 306,212	-38,793	169,332	^e 436,752
1990	1,862	26,775	28,637	-50	72	64,102	49,430	17,784	13,680	126,558	8,707	19,169	235,328	4,104	1,687	333,764	-38,287	176,737	472,214
1991	1,660	26,631	28,290	-56	100	64,697	45,181	14,609	14,922	123,118	6,786	18,160	222,776	4,073	1,802	321,763	-36,482	184,814	470,095
1992	1,587	26,385	27,972	-48	174	68,400	45,110	13,559	14,161	125,249	5,575	18,267	221,923	3,802	1,811	324,105	-35,761	186,954	475,298
1993	1,505	26,902	28,408	-76	172	75,941	45,885	13,002	13,961	126,560	5,439	18,250	223,096	3,597	1,689	332,895	-36,658	196,579	492,816
1994	1,473	26,473	27,946	-60	274	77,716	47,240	12,474	16,253	130,068	5,288	18,654	229,976	3,777	1,915	341,728	-36,057	200,883	506,553
1995	1,558	26,075	27,632	-91	325	74,150	47,845	12,525	16,250	136,647	4,667	19,175	237,110	3,810	1,954	345,040	-34,765	205,932	516,207
1996	1,507	26,661	28,168	-88	244	85,634	56,675	15,770	21,159	148,344	5,297	21,202	268,447	3,624	2,056	388,224	-36,635	211,011	562,600
1997	1,312	26,965	28,276	-83	253	91,736	56,199	15,000	19,861	149,668	5,211	21,683	267,621	3,355	1,833	393,131	-37,765	213,645	569,011
1998	1,321	26,818	28,139	-104	292	81,628	48,763	11,239	15,343	132,730	4,288	20,004	232,367	3,568	1,672	347,627	-37,527	216,928	527,028
1999	1,306	26,315	27,621	-86	226	83,559	54,996	13,878	19,147	149,260	4,300	21,332	262,912	3,558	2,011	379,913	-36,490	216,737	560,161
2000	1,325	27,403	28,728	-103	249	115,910	78,488	23,636	29,851	193,999	9,740	26,312	362,026	3,542	2,441	512,910	-41,375	231,653	703,188

^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.

Note: Expenditure totals 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, 1970-2000, United States

Year	Primary Energy								Electricity	Total Energy ^b
	Coal	Natural Gas	Petroleum				Wood	Total ^b		
			Distillate Fuel	Kerosene	LPG ^a	Total				
Prices in Nominal Dollars per Million Btu										
1970	R 1.14	1.06	1.39	1.54	2.12	1.56	0.66	1.23	6.51	R 2.10
1975	R 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	R 4.52	15.71	R 7.46
1985	R 3.26	5.94	7.92	7.90	9.10	8.18	3.70	R 6.37	21.66	R 10.96
1986	R 3.12	5.67	6.35	6.37	8.57	6.85	2.97	R 5.84	21.75	R 10.81
1987	R 2.74	5.39	6.05	6.44	8.64	6.70	2.87	R 5.61	21.82	R 10.78
1988	R 2.61	5.32	6.11	6.31	8.45	6.66	2.89	R 5.54	21.92	R 10.73
1989	R 2.64	5.47	6.76	6.19	10.38	7.65	3.20	R 5.89	22.41	R 11.08
1990	R 3.01	5.63	8.01	7.46	10.94	8.82	3.59	R 6.20	22.96	R 11.94
1991	R 3.10	5.66	7.65	7.09	10.94	8.61	3.43	R 6.17	23.57	R 12.13
1992	R 2.89	5.72	7.00	6.36	10.39	7.96	3.14	R 6.06	24.06	R 12.04
1993	R 3.02	5.99	6.84	5.89	10.25	7.77	3.03	R 6.24	24.40	R 12.32
1994	R 2.67	6.23	6.64	6.05	10.89	7.87	2.94	R 6.43	24.57	R 12.66
1995	R 2.58	5.89	6.52	5.74	10.85	7.76	2.88	R 6.15	24.63	R 12.60
1996	R 2.53	6.16	7.47	6.33	12.25	8.92	3.30	R 6.63	24.50	R 12.71
1997	R 2.48	6.75	7.43	6.29	12.21	8.87	3.23	R 7.09	24.71	R 13.28
1998	R 2.46	6.61	6.45	5.24	11.09	7.87	2.81	R 6.76	24.21	R 13.46
1999	R 2.36	6.50	6.63	5.72	10.92	8.13	2.88	R 6.75	23.89	R 13.17
2000	2.25	7.63	9.94	9.13	14.52	11.59	4.33	8.41	24.14	14.28
Expenditures in Million Nominal Dollars										
1970	R 236	5,272	2,603	459	1,225	4,286	68	R 9,861	10,352	R 20,213
1975	R 153	8,410	4,954	504	2,124	7,582	143	R 16,288	20,644	R 36,932
1980	R 90	17,497	9,234	887	2,575	12,695	699	R 30,981	38,458	R 69,438
1985	R 115	27,136	7,910	1,252	2,974	12,136	840	R 40,227	58,672	R 98,899
1986	R 110	25,147	6,428	773	2,770	9,971	656	R 35,884	60,776	R 96,661
1987	R 90	23,926	6,236	765	3,107	10,108	627	R 34,751	63,318	R 98,069
1988	R 88	25,332	6,497	906	3,011	10,413	657	R 36,490	66,793	R 103,283
1989	R 73	26,953	7,038	726	4,170	11,933	754	R 39,714	69,243	R 108,958
1990	R 84	25,442	6,703	477	3,992	11,172	878	R 37,575	72,379	R 109,954
1991	R 70	26,508	6,361	513	4,260	11,134	884	R 38,596	76,828	R 115,424
1992	R 70	27,598	6,054	413	3,974	10,441	851	R 38,960	76,848	R 115,809
1993	R 73	30,536	6,245	445	4,084	10,774	726	R 42,108	82,814	R 124,922
1994	R 55	31,028	5,843	393	4,308	10,543	691	R 42,317	84,552	R 126,869
1995	R 45	29,360	5,751	426	4,386	10,563	752	R 40,720	87,610	R 128,330
1996	R 41	33,222	6,947	562	5,796	13,305	861	R 47,430	90,501	R 137,931
1997	R 39	34,590	6,687	584	5,625	12,896	629	R 48,153	90,694	R 138,848
1998	R 30	30,875	5,039	567	4,809	10,415	R 494	R 41,813	93,164	R 134,977
1999	R 31	R 31,577	5,375	636	5,826	11,837	R 543	R 43,988	93,313	R 137,300
2000	25	38,940	8,532	883	8,182	17,598	853	57,415	98,209	155,625

^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, 1970-2000, United States

Year	Primary Energy										Electricity	Total Energy ^b
	Coal	Natural Gas	Petroleum					Wood	Total ^b			
			Distillate Fuel	Kerosene	LPG ^a	Motor Gasoline	Residual Fuel			Total		
Prices in Nominal Dollars per Million Btu												
1970	R 0.44	0.75	1.10	0.77	1.24	2.86	0.45	0.90	0.66	0.79	6.09	R 1.98
1975	R 1.31	1.32	2.42	2.32	2.60	4.66	1.91	2.39	1.31	1.67	10.11	R 4.08
1980	R 1.53	3.32	6.45	6.46	5.15	9.77	4.12	5.64	3.08	R 4.00	16.06	R 7.85
1985	R 1.77	5.34	6.31	8.18	8.97	9.01	4.50	6.37	3.70	R 5.49	21.30	R 11.65
1986	R 1.68	4.94	4.16	5.21	8.58	6.77	2.71	4.31	2.97	R 4.62	21.10	R 11.24
1987	R 1.54	4.64	4.42	5.11	8.02	7.22	3.10	4.63	2.87	R 4.53	20.44	R 10.98
1988	R 1.54	4.51	4.15	6.11	8.16	7.33	2.53	4.37	2.89	R 4.37	20.34	R 10.84
1989	R 1.54	4.61	4.87	6.01	7.67	8.04	2.92	4.98	3.20	R 4.60	20.77	R 11.32
1990	R 1.64	4.70	5.94	7.31	9.01	9.15	3.41	5.92	3.59	R 4.89	21.19	R 11.95
1991	R 1.60	4.69	5.42	6.67	9.45	8.98	2.61	5.42	3.43	R 4.76	21.73	R 12.12
1992	R 1.60	4.75	5.07	5.96	8.82	9.08	2.68	5.22	3.14	R 4.74	22.15	R 12.24
1993	R 1.61	5.08	4.91	5.64	9.19	9.13	2.75	4.99	3.03	R 4.95	22.40	R 12.63
1994	R 1.57	5.35	4.71	5.94	9.01	9.20	2.90	4.87	2.94	R 5.13	22.35	R 12.81
1995	R 1.55	4.94	4.69	5.55	9.11	9.40	3.14	4.97	2.88	R 4.83	22.28	R 12.69
1996	R 1.51	5.26	5.62	6.40	10.52	10.28	3.75	6.01	3.30	R 5.28	22.16	R 12.82
1997	R 1.52	5.68	5.29	6.18	10.84	10.01	3.27	5.91	3.23	R 5.58	22.03	R 13.09
1998	R 1.51	5.39	4.16	4.86	9.78	8.73	2.38	4.87	2.81	R 5.19	21.48	R 13.08
1999	R 1.52	R 5.23	4.62	5.30	9.47	9.45	2.69	5.30	2.88	R 5.13	20.72	R 12.78
2000	R 1.50	6.57	7.46	8.87	12.46	12.04	4.49	8.01	4.33	6.71	21.52	13.93
Expenditures in Million Nominal Dollars												
1970	R 72	1,844	646	47	127	247	323	1,391	1	R 3,309	7,319	R 10,628
1975	R 191	3,385	1,423	114	242	415	939	3,133	3	R 6,712	16,157	R 22,869
1980	R 179	8,858	3,337	262	296	1,046	2,325	7,267	17	R 16,321	30,611	R 46,932
1985	R 250	13,368	3,942	268	517	866	1,025	6,618	22	R 20,257	50,092	R 70,349
1986	R 237	11,770	2,477	260	489	720	786	4,732	20	R 16,760	51,449	R 68,209
1987	R 203	11,601	2,626	249	509	799	814	4,997	21	R 16,822	51,900	R 68,722
1988	R 208	12,377	2,379	160	513	809	666	4,527	24	R 17,135	54,411	R 71,546
1989	R 182	12,909	2,604	166	544	819	672	4,805	R 30	R 17,925	57,460	R 75,386
1990	R 208	12,681	2,894	87	581	1,018	796	5,375	R 58	R 18,322	60,620	R 78,942
1991	R 189	13,176	2,612	81	649	764	557	4,663	R 59	R 18,087	63,399	R 81,486
1992	R 190	13,686	2,351	66	595	722	512	4,246	R 58	R 18,180	64,226	R 82,406
1993	R 190	14,966	2,277	79	647	270	481	3,754	R 61	R 18,970	67,616	R 86,586
1994	R 184	15,926	2,187	116	629	232	505	3,668	R 59	R 19,837	69,627	R 89,464
1995	R 181	15,386	2,156	123	650	170	452	3,550	R 58	R 19,175	72,469	R 91,644
1996	R 181	17,111	2,674	135	878	273	524	4,484	R 73	R 21,849	74,109	R 95,959
1997	R 195	18,765	2,360	152	881	428	371	4,192	R 72	R 23,224	77,138	R 100,362
1998	R 148	16,682	1,757	151	749	340	215	3,213	R 61	R 20,104	78,194	R 98,298
1999	R 148	R 16,363	1,925	143	892	269	237	3,465	R 69	R 20,044	78,044	R 98,089
2000	R 136	21,629	3,478	269	1,240	536	500	6,023	105	27,892	85,138	113,030

^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 4. Industrial Sector Energy Price and Expenditure Estimates by Source, Selected Years, 1970-2000, 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	1.06	0.98	1.59	0.61	2.99	0.98
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	2.66	2.45	1.60	1.67	6.07	2.12
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	7.29	5.74	1.67	3.76	10.81	5.15
1985	2.03	1.81	1.90	2.76	2.99	3.87	4.77	6.24	6.86	5.91	17.61	9.07	4.24	7.09	6.28	1.67	4.45	14.57	6.27
1986	1.90	1.74	1.80	2.63	3.11	3.20	4.34	4.01	4.77	5.87	15.59	6.80	2.47	4.56	4.89	1.65	3.64	14.45	5.62
1987	1.74	1.63	1.67	3.37	2.40	2.88	3.56	4.48	4.66	5.41	13.58	7.25	2.86	5.14	4.93	1.65	3.50	13.98	5.03
1988	1.79	1.61	1.68	2.85	2.90	2.90	3.39	4.10	4.34	5.22	14.62	7.32	2.34	4.31	4.59	1.65	3.34	13.78	4.51
1989	1.78	1.62	1.68	2.98	3.79	2.93	2.95	4.80	5.25	4.27	14.48	8.05	2.75	5.08	4.66	^d 1.25	^d 3.29	13.85	^d 4.61
1990	1.79	1.66	1.70	3.53	3.80	2.95	3.02	5.89	6.61	5.66	14.60	9.15	3.10	5.73	5.45	1.04	3.60	13.92	5.18
1991	1.83	1.67	1.72	2.86	3.41	2.80	3.14	5.28	5.75	5.71	16.80	8.95	2.44	5.13	5.29	1.16	3.48	14.18	5.05
1992	1.83	1.69	1.73	2.78	3.35	2.91	2.50	5.15	5.00	5.18	18.32	8.94	2.46	4.93	4.97	1.15	3.42	14.18	4.72
1993	1.79	1.63	1.68	2.88	3.22	3.14	2.90	5.05	4.84	5.14	18.96	8.82	2.41	4.56	4.88	1.13	3.45	14.22	4.81
1994	1.73	1.65	1.68	2.46	3.31	3.11	2.93	4.85	5.00	5.62	19.11	8.96	2.50	4.40	5.00	1.15	3.47	14.00	4.47
1995	1.76	1.64	1.67	2.71	3.43	2.83	3.18	4.87	4.55	5.55	19.41	9.17	2.75	4.69	5.16	1.05	3.37	13.68	4.32
1996	1.77	1.62	1.66	2.20	3.87	3.34	3.29	5.80	5.62	6.93	20.08	9.83	3.25	5.51	6.01	1.06	3.92	13.49	5.11
1997	1.62	1.63	1.63	2.64	3.25	3.58	3.54	5.46	5.12	6.24	17.98	9.80	3.03	5.20	5.66	1.07	3.92	13.29	4.83
1998	1.75	1.63	1.66	3.73	3.07	3.21	3.43	4.24	3.80	4.74	19.07	8.43	2.25	3.61	4.52	1.23	3.38	13.13	4.24
1999	1.73	1.61	1.64	3.88	2.83	3.24	3.31	4.88	4.49	5.48	16.75	9.23	2.62	4.57	5.03	1.35	3.53	12.85	4.38
2000	1.67	1.48	1.51	3.64	2.66	4.71	3.99	7.62	7.82	8.99	17.99	11.93	4.23	6.75	7.42	1.41	4.62	13.60	5.18
Expenditures in Million Nominal Dollars																			
1970	1,175	907	2,082	-78	4	2,625	731	866	142	1,046	786	824	635	1,025	6,056	366	11,054	5,624	16,678
1975	3,692	1,806	5,498	-75	156	5,844	1,914	2,907	278	2,760	1,119	1,039	2,367	3,114	15,499	386	27,308	13,760	41,068
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	14,491	42,717	529	65,405	28,863	94,268
1985	2,228	3,024	5,252	-77	43	21,615	4,916	7,379	304	9,804	2,916	1,978	2,815	9,082	39,193	619	66,645	40,190	106,835
1986	1,825	2,920	4,745	-66	25	16,479	4,717	4,772	153	9,218	2,525	1,402	1,574	6,261	30,622	639	52,444	39,271	91,716
1987	1,718	2,730	4,448	-48	55	15,909	4,018	5,472	132	9,079	2,486	1,491	1,436	7,229	31,342	636	52,342	39,109	91,451
1988	2,006	2,738	4,744	-77	194	17,257	3,848	4,991	130	9,071	2,580	1,413	1,082	6,239	29,353	662	52,132	40,507	92,640
1989	1,934	2,918	4,852	-80	217	18,770	3,228	5,497	155	7,274	2,623	1,601	934	7,183	28,493	^d 862	^d 53,113	42,255	^d 95,368
1990	1,862	3,087	4,949	-50	72	19,348	3,529	6,938	81	8,916	2,720	1,695	1,087	9,266	34,233	740	59,292	43,358	102,650
1991	1,660	3,208	4,868	-56	100	18,912	3,382	6,002	65	9,828	2,800	1,730	658	8,294	32,760	848	57,432	44,201	101,633
1992	1,587	3,262	4,849	-48	174	20,555	2,755	5,873	49	9,433	3,113	1,737	804	8,561	32,325	890	58,745	45,474	104,219
1993	1,505	3,245	4,750	-76	172	23,426	3,336	5,540	63	9,062	3,281	1,583	930	7,617	31,412	891	60,575	45,726	106,302
1994	1,473	3,387	4,860	-60	274	23,949	3,438	5,359	85	11,028	3,457	1,724	909	7,584	33,583	1,153	63,760	46,257	110,017
1995	1,558	3,320	4,878	-91	325	22,927	3,748	5,202	70	11,061	3,451	1,836	793	7,752	33,912	1,131	63,082	45,402	108,484
1996	1,507	3,250	4,758	-88	244	27,949	3,870	6,510	103	14,348	3,465	1,965	931	9,434	40,626	1,110	74,597	45,951	120,549
1997	1,312	3,198	4,509	-83	253	30,012	4,331	6,174	96	13,235	3,277	2,077	751	9,738	39,679	1,122	75,493	45,358	120,852
1998	1,321	3,275	4,596	-104	292	26,066	4,335	4,707	84	9,646	3,638	1,681	458	7,468	32,017	1,105	63,972	45,132	109,104
1999	1,306	3,921	5,227	-86	226	27,397	4,385	5,258	58	12,290	3,229	1,400	556	9,457	36,633	1,386	70,799	44,956	115,755
2000	1,325	6,148	7,473	-103	249	41,944	5,094	8,747	100	20,278	3,416	1,792	1,078	12,924	53,430	1,470	104,723	47,859	152,582

^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.

Independent power producers' nuclear electric fuel is included in this total but not in any other columns.

^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, 1970-2000, United States

Year	Primary Energy										Electricity	Total Energy	
	Coal	Natural Gas	Petroleum							Total			
			Aviation Gasoline	Distillate Fuel	Jet Fuel	LPG ^a	Lubricants	Motor Gasoline	Residual Fuel				
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	7.50	5.91	9.03	17.61	9.01	4.36	8.25	8.25	19.74	8.26
1986	—	—	8.41	6.36	3.92	8.40	15.59	6.79	2.11	6.21	6.21	19.63	6.22
1987	—	—	7.55	6.75	4.03	7.97	13.58	7.23	2.64	6.57	6.57	23.03	6.58
1988	—	—	7.41	6.59	3.80	8.13	14.62	7.33	2.22	6.55	6.55	22.05	6.57
1989	—	—	8.28	7.16	4.39	7.65	14.48	8.02	2.47	7.16	7.16	22.99	7.18
1990	—	3.29	9.32	8.46	5.68	8.87	14.60	9.12	2.98	8.27	8.27	23.50	8.28
1991	—	3.84	8.71	8.11	4.83	9.23	16.80	8.93	2.83	7.98	7.98	23.79	7.99
1992	—	3.91	8.54	8.01	4.52	8.72	18.32	8.96	1.98	7.91	7.91	25.25	7.92
1993	—	4.17	8.24	8.05	4.29	8.86	18.96	8.83	1.98	7.86	7.86	25.99	7.88
1994	—	4.10	7.96	8.01	3.95	8.95	19.11	8.96	2.06	7.90	7.90	26.25	7.91
1995	—	4.07	8.36	7.97	4.00	9.19	19.41	9.22	2.18	8.07	8.07	26.59	8.09
1996	—	4.23	9.29	8.81	4.82	9.31	20.08	9.85	2.33	8.75	8.75	26.73	8.76
1997	—	4.35	9.39	8.57	4.53	8.89	17.98	9.81	2.96	8.69	8.69	27.12	8.70
1998	—	4.36	8.11	7.50	3.35	8.40	19.07	8.45	2.18	7.46	7.46	25.91	7.48
1999	—	4.26	8.81	8.12	4.01	10.27	16.75	9.31	2.06	8.18	8.17	24.32	8.19
2000	—	5.53	10.48	10.67	6.60	13.47	17.99	12.01	5.18	10.75	10.75	24.32	10.76
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	24,027	14,747	250	2,754	115,205	3,422	160,908	160,908	279	161,188
1986	—	—	496	21,012	10,505	217	2,384	89,407	1,838	125,859	125,859	296	126,155
1987	—	—	344	22,879	11,448	164	2,348	97,574	2,373	137,130	137,130	358	137,489
1988	—	—	363	24,310	11,318	180	2,437	101,101	2,042	141,752	141,752	351	142,103
1989	—	—	394	27,475	13,434	167	2,477	110,300	2,420	156,667	156,667	374	157,041
1990	—	1	419	32,409	17,784	192	2,569	123,845	3,067	180,286	180,287	381	180,668
1991	—	1	363	29,818	14,609	184	2,644	120,624	2,922	171,165	171,166	386	171,552
1992	—	2	351	30,512	13,559	160	2,940	122,790	2,145	172,457	172,459	405	172,865
1993	—	4	316	31,479	13,002	169	3,099	124,707	1,806	174,578	174,582	423	175,005
1994	—	7	304	33,457	12,474	288	3,265	128,112	1,849	179,749	179,756	447	180,204
1995	—	11	331	34,357	12,525	154	3,260	134,641	2,019	187,286	187,298	451	187,749
1996	—	13	347	40,047	15,770	137	3,272	146,106	2,020	207,700	207,712	449	208,161
1997	—	20	373	40,575	15,000	119	3,095	147,164	2,151	208,476	208,495	454	208,950
1998	—	23	288	36,814	11,239	140	3,436	130,709	1,562	184,188	184,211	439	184,649
2000	—	46	380	56,815	23,636	151	3,227	191,670	5,580	281,459	281,505	447	281,951

^a Liquefied petroleum gases.

—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. Price and Expenditure Estimates for Energy Input at Electric Utilities by Source, Selected Years, 1970-2000, United States

Year	Coal	Natural Gas	Petroleum				Nuclear Fuel	Wood and Waste	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	0.32
1975	0.82	0.75	1.99	2.22	0.53	2.00	0.24	0.92	0.96
1980	1.35	2.20	4.25	5.75	2.61	4.34	0.43	1.74	1.75
1985	1.65	3.43	4.24	5.89	1.27	4.35	0.71	0.79	1.85
1986	1.58	2.35	2.42	3.67	1.04	2.48	0.70	0.32	1.56
1987	1.51	2.24	2.97	4.17	1.04	3.04	0.71	0.95	1.52
1988	1.47	2.26	2.41	3.81	0.99	2.49	0.73	0.87	1.45
1989	1.45	2.36	2.85	4.26	0.86	2.95	0.70	0.67	1.48
1990	1.45	2.32	3.30	5.62	0.83	3.41	0.67	0.46	1.46
1991	1.45	2.14	2.46	4.84	0.82	2.59	0.63	0.50	1.37
1992	1.41	2.32	2.48	4.77	0.62	2.58	0.59	0.51	1.35
1993	1.39	2.55	2.37	4.48	0.36	2.45	0.56	0.55	1.35
1994	1.35	2.23	2.39	4.14	0.51	2.51	0.56	0.56	1.30
1995	1.32	1.99	2.58	4.19	0.64	2.73	0.54	0.70	1.23
1996	1.29	2.65	3.01	5.04	0.69	3.22	0.51	0.59	1.28
1997	1.27	2.76	2.80	4.57	0.88	2.89	0.51	0.50	1.30
1998	1.25	2.40	2.08	3.47	0.68	2.17	0.50	0.61	1.24
1999	1.22	2.59	2.42	4.16	0.62	2.56	0.47	0.67	1.22
2000	1.20	4.30	4.22	6.90	0.55	4.52	0.45	0.67	1.43
Expenditures in Million Nominal Dollars									
1970	2,237	1,151	797	80	6	882	44	2	4,316
1975	7,178	2,422	5,842	502	1	6,345	448	2	16,396
1980	16,450	8,357	10,446	972	14	11,432	1,189	8	37,435
1985	24,056	10,819	4,232	502	9	4,742	2,878	11	42,507
1986	22,755	6,305	3,288	306	10	3,603	3,061	4	35,729
1987	22,785	6,583	3,439	373	11	3,823	3,378	15	36,584
1988	23,290	6,123	3,468	416	12	3,896	4,057	15	37,381
1989	23,165	6,750	4,328	632	13	4,974	3,939	14	38,793
1990	23,396	6,631	3,757	485	20	4,263	4,104	10	38,287
1991	23,164	6,099	2,649	387	18	3,055	4,073	11	36,482
1992	22,863	6,559	2,114	321	19	2,454	3,802	11	35,761
1993	23,395	7,009	2,222	343	13	2,578	3,597	11	36,658
1994	22,847	6,806	2,025	394	13	2,432	3,777	12	36,057
1995	22,529	6,466	1,404	380	15	1,799	3,810	12	34,765
1996	23,188	7,339	1,822	496	14	2,333	3,624	12	36,635
1997	23,532	8,349	1,938	404	37	2,379	3,355	10	37,765
1998	23,365	7,982	2,052	445	36	2,534	3,568	13	37,527
1999	22,215	8,198	1,858	522	30	2,410	3,543	14	36,490
2000	21,095	13,351	2,583	915	19	3,517	3,281	14	41,375

^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.

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

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