

Table ET1. Primary Energy, Electricity, and Total Energy Price and Expenditure Estimates, Selected Years, 1970-2017, United States

Year	Primary Energy																	Electric Power Sector ^{h,j,k}	Electricity Retail Sales	Total Energy ^{g,h,i}
	Coal			Coal Coke		Natural Gas ^a	Petroleum						Nuclear Fuel	Biomass						
	Coking Coal	Steam Coal	Total	Exports	Imports		Distillate Fuel Oil	HGL ^b	Jet Fuel ^c	Motor Gasoline ^d	Residual Fuel Oil	Other ^e		Total	Wood and Waste ^{f,g}	Total ^{g,h,i,j}				
																	Prices in Dollars per Million Btu			
1970	0.45	0.36	0.38	1.27	0.93	0.59	1.16	R 1.45	0.73	2.85	0.42	1.38	R 1.72	0.18	1.34	1.08	0.32	4.98	1.65	
1975	1.65	0.90	1.03	2.37	3.47	1.18	2.60	R 3.02	2.05	4.65	1.93	2.94	3.35	0.24	1.55	2.19	0.97	8.61	3.33	
1980	2.10	1.38	1.46	2.54	3.19	2.86	6.70	R 5.78	6.36	9.84	3.88	7.04	R 7.41	0.43	2.26	R 4.58	1.77	13.95	6.89	
1985	2.03	1.66	1.68	2.76	2.99	4.61	7.22	R 6.82	5.91	9.01	4.30	7.62	R 7.65	0.71	2.47	4.93	1.91	19.05	R 8.38	
1990	1.79	1.47	1.48	3.53	3.80	3.82	7.68	R 7.00	5.68	9.12	3.17	6.48	R 7.56	0.67	1.32	R 4.49	1.48	19.32	R 8.29	
1995	1.76	1.34	1.36	2.71	3.43	3.73	6.98	R 6.67	4.00	R 9.24	2.46	5.98	R 7.33	0.54	1.40	4.24	1.29	20.29	R 8.31	
1996	1.77	1.31	1.33	2.20	3.87	4.25	7.88	R 8.18	4.82	R 9.86	2.80	6.36	R 8.05	0.51	1.25	4.64	1.35	20.16	R 8.77	
1997	1.79	1.29	1.31	2.64	3.25	4.53	7.67	R 7.57	4.53	R 9.83	2.93	6.26	R 7.92	0.51	1.15	R 4.68	1.38	20.13	R 8.83	
1998	1.69	1.27	1.29	3.73	3.07	4.13	6.58	R 6.09	3.35	R 8.47	2.15	5.24	R 6.68	0.50	1.27	4.09	1.32	19.80	R 8.22	
1999	1.69	1.24	1.26	3.88	2.83	4.16	7.20	R 6.77	4.01	R 9.32	2.51	5.89	R 7.42	0.48	1.34	R 4.40	1.33	19.52	R 8.58	
2000	1.67	1.22	1.24	3.64	2.66	5.61	9.87	R 9.79	6.64	R 11.91	4.32	7.55	R 9.90	0.46	1.57	5.72	1.71	20.03	R 10.33	
2001	1.74	1.27	1.28	3.27	3.04	6.87	9.19	R 9.77	5.72	R 11.36	3.99	6.93	R 9.40	0.44	2.08	R 5.86	1.85	21.41	R 10.78	
2002	1.94	1.28	1.30	3.25	3.04	5.31	8.64	R 8.30	5.33	R 10.71	3.91	7.04	R 8.90	0.43	2.19	R 5.28	1.54	21.15	R 10.10	
2003	1.93	1.29	1.31	3.88	3.49	7.08	10.03	R 10.57	6.46	R 12.36	4.75	7.83	R 10.36	0.42	1.98	R 6.29	1.84	21.85	R 11.44	
2004	2.31	1.38	1.41	3.28	7.23	7.91	12.25	R 12.56	8.93	R 14.72	4.92	8.68	R 12.34	0.42	2.17	R 7.39	2.00	22.38	R 12.90	
2005	3.19	1.57	1.61	3.39	8.92	9.92	16.43	R 14.95	12.86	R 17.98	6.65	10.81	R 15.58	0.43	3.10	9.24	2.61	23.92	R 15.57	
2006	3.54	1.72	1.77	3.19	6.31	9.62	18.62	R 17.32	14.80	R 20.40	7.93	13.30	R 18.02	0.44	3.12	R 10.23	2.48	26.15	R 17.40	
2007	3.64	1.82	1.87	3.66	7.84	9.31	20.01	R 19.31	16.01	R 22.34	8.57	14.97	R 19.69	0.46	3.34	R 10.79	2.68	26.84	R 18.34	
2008	4.49	2.14	2.20	4.33	18.76	10.83	26.48	R 23.92	22.56	R 26.09	12.61	19.26	R 24.55	0.47	3.72	R 13.01	3.21	28.62	R 21.53	
2009	5.43	2.25	2.32	4.17	10.82	7.67	R 17.13	R 16.76	12.61	R 18.97	9.68	16.39	R 17.31	0.56	R 3.38	R 9.50	2.45	28.90	R 17.26	
2010	5.84	2.32	2.41	6.74	13.37	7.37	R 21.00	R 19.10	12.62	R 22.60	11.77	R 20.30	R 20.84	0.64	R 3.56	R 10.76	2.63	28.92	R 18.92	
2011	6.89	2.43	2.55	8.75	15.71	7.03	R 27.04	R 22.73	22.60	R 28.59	15.68	R 25.04	R 26.53	0.68	R 3.85	R 12.99	2.65	29.12	R 21.86	
2012	6.59	2.45	2.59	8.65	13.64	5.74	R 27.97	R 17.12	23.00	R 29.42	17.31	25.29	R 26.83	0.74	R 3.62	R 12.86	2.41	28.98	R 21.83	
2013	5.43	2.41	2.51	8.91	8.55	6.44	R 27.61	R 16.54	22.09	R 28.61	16.52	25.27	R 26.16	0.79	R 3.77	R 12.75	2.62	29.64	R 21.42	
2014	4.61	2.42	2.49	9.94	4.73	7.20	R 26.72	R 17.67	20.52	R 27.49	15.06	25.02	R 25.40	0.75	R 4.16	R 12.66	2.80	30.74	R 21.33	
2015	4.16	2.28	2.35	9.28	5.90	5.61	R 18.60	R 10.69	12.05	R 20.22	8.99	19.30	R 17.94	0.72	R 3.55	R 9.49	2.28	30.66	R 17.30	
2016	3.56	2.18	2.23	8.75	5.78	R 5.06	R 15.81	R 10.15	9.74	R 18.04	6.83	16.70	R 15.68	0.70	R 3.14	R 8.49	2.09	30.26	R 15.94	
2017	4.11	2.12	2.19	9.32	7.11	5.73	18.26	12.73	12.04	20.26	8.95	17.94	17.88	0.73	3.22	9.67	2.21	30.88	17.30	

Expenditures in Million Dollars																			
1970	1,175	3,455	4,630	78	4	10,891	6,253	R 2,395	1,441	31,596	2,046	4,172	R 47,904	44	452	R 63,887	-4,357	23,345	R 82,875
1975	3,692	9,329	13,021	75	156	20,061	15,680	R 5,224	4,193	59,446	10,374	8,493	R 103,409	448	548	R 137,719	-16,545	50,680	R 171,854
1980	3,753	18,853	22,607	130	52	51,061	40,797	R 10,929	13,923	124,408	21,573	26,049	R 237,679	1,189	1,232	R 314,282	-38,027	98,095	R 374,350
1985	2,228	27,259	29,487	77	43	72,938	43,972	R 13,755	14,747	118,048	11,493	22,272	R 224,288	2,878	1,597	R 333,080	-43,970	149,233	R 438,343
1990	1,862	26,557	28,419	50	72	65,278	49,335	R 13,845	17,784	126,558	8,721	21,433	R 237,677	4,104	1,997	R 338,588	-40,626	176,691	R 474,652
1995	1,558	25,740	27,298	91	325	75,020	47,532	16,197	12,526	136,647	4,676	R 20,035	R 237,613	3,810	2,938	R 347,820	-39,073	205,876	R 514,624
1996	1,507	26,404	27,911	88	244	86,904	56,455	21,086	15,770	148,344	5,313	R 21,664	R 268,631	3,624	2,668	R 390,839	-41,652	211,105	R 560,293
1997	1,453	26,710	28,163	83	253	93,382	55,922	19,781	15,000	149,668	5,206	R 22,994	R 268,570	3,369	2,425	R 397,065	-42,947	213,843	R 567,962
1998	1,304	26,471	27,775	104	292	83,620	48,350	15,241	11,239	132,730	4,280	R 20,716	R 232,556	3,555	2,477	R 351,232	-43,311	218,361	R 526,283
1999	1,306	25,888	27,194	86	226	84,960	54,564	19,038	13,878	149,260	4,686	R 23,613	R 265,039	3,643	2,646	R 384,902	-44,688	218,413	R 558,627
2000	1,327	26,632	27,959	103	249	119,094	78,208	27,970	23,781	192,153	8,870	R 28,421	R 358,403	3,628	3,174	R 516,187	-60,053	231,577	R 687,711
2001	1,247	26,849	28,095	109	191	139,388	75,033	25,543	19,602	185,752	7,266	R 24,962	R 338,159	3,524	3,494	R 515,431	-64,671	245,483	R 696,242
2002	1,258	27,143	28,401	64	244	111,536	69,284	22,980	17,802	179,796	6,156	R 25,828	R 321,846	3,504	4,005	R 470,595	-54,229	247,598	R 663,964
2003	1,283	27,971	29,254	70	239	144,489	83,613	R 28,168	21,096	209,493	8,325	R 28,813	R 379,508	3,363	3,599	R 561,750	-64,672	257,992	R 755,077
2004	1,499	30,128	31,627	107	1,232	162,843	105,770	34,408	30,219	254,873	9,717	R 35,444	R 470,430	3,445	3,692	R 674,778	-71,701	268,133	R 871,210
2005	1,964	34,779	36,742	147	780	200,355	143,596	38,874	44,679	312,047	13,951	R 43,138	R 596,287	3,469	5,894	R 845,859	-95,916	295,787	R 1,045,730
2006	2,132	37,662	39,794	128	636	190,589	164,395	45,355	50,007	357,286	12,432	R 52,309	R 681,785	3,637	6,096	R 924,932	-90,074	323,962	R 1,158,821
2007	2,175	40,345	42,520	131	478	196,957	177,162	51,081	53,754	389,282	14,129	R 54,917	R 740,325	3,871	6,407	R 993,627	-100,683	340,925	R 1,233,869
2008	2,606	46,646	49,253	210	1,676	230,465	220,936	R 59,610	72,046	438,237	17,949	R 62,304	R 871,081	3,976	7,038	R 1,166,835	-118,530	360,454	R 1,408,759
2009	2,192	43,450	45,642	135	93	159,364	R 131,104	43,052	36,354	317,082	11,284	R 44,624	R 583,500	4,680	R 5,371	R 800,671	R -84,813	350,433	R 1,066,293
2010	3,239	47,006	50,245	245	403	161,303	R 168,183	R 54,920	48,243	376,491	14,382	R 54,635	R 716,854	5,414	R 6,893	R 942,913	R -94,791	365,913	R 1,214,034
2011	3,885	46,348	50,233	210	552	155,944	R 221,972	R 63,516	66,680	462,435	16,517	R 63,574	R 894,694	5,621	R 7,525	R 1,116,415	R -92,729	368,009	R 1,391,696
2012	3,916	41,049	44,964	209	384	132,830	R 220,770	R 49,412	66,736	473,216	14,635	R 58,571	R 883,339	5,965	R 7,132	R 1,076,329	R -82,168	360,863	R 1,355,024
2013	3,346	41,914	45,260	186	29	151,672	R 222,206	R 52,272	65,564	467,328	12,034	R 59,826	R 879,231	6,523	R 7,935	R 1,093,178	R -89,112	372,068	R 1,376,134
2014	2,796	42,077	44,873	233	9	174,398	R 226,833	R 54,022	62,421	452,821	8,861	R 58,565	R 863,523	6,252	R 9,032	R 1,100,874	R -95,827	389,872	R 1,394,918
2015	2,340	34,238	36,578	197	20	140,294	R 156,260	R 34,329	38,596	342,578	5,328	R 46,036	R 623,127	5,975	R 7,554	R 816,071	R -76,352	388,344	R 1,128,062
2016	1,678	30,017	31,694	217	33	R 127,618	R 129,161	R 32,168	32,639	310,961	5,112	R 39,277	R 549,318	5,857	R 6,502	R 722,880	R -68,326	383,567	R 1,038,120
2017	2,069	28,257	30,326	280	10	142,245	150,860	41,631	41,904	348,456	7,005	41,861	631,717	6,135	6,837	819,049	-69,775		