

Table ET4. Commercial Sector Energy Price and Expenditure Estimates, Selected Years, 1970-2017, United States

Year	Primary Energy									Electricity Retail Sales	Total Energy ^{l,g,h}	
	Coal	Natural Gas ^a	Petroleum					Total ^d	Biomass			Total ^{f,g,h}
			Distillate Fuel Oil	HGL ^b	Kerosene	Motor Gasoline ^c	Residual Fuel Oil					
Prices in Dollars per Million Btu												
1970	0.44	0.75	1.10	1.24	0.77	2.86	0.45	0.90	0.66	0.80	6.09	1.97
1975	1.31	1.32	2.42	R 2.53	2.32	4.66	1.91	2.39	1.31	1.68	10.11	4.06
1980	1.53	3.32	6.45	R 4.96	6.46	9.77	4.12	5.62	3.10	4.01	16.06	7.83
1985	1.73	5.34	6.33	R 8.84	8.18	9.01	4.50	6.46	3.71	5.53	21.30	11.63
1990	1.61	4.70	5.97	R 8.77	7.31	9.15	3.41	6.04	3.02	4.93	21.20	11.87
1995	1.54	4.94	4.70	R 8.89	5.55	R 9.42	3.14	5.14	2.25	4.85	22.29	12.62
1996	1.49	5.26	5.63	R 10.11	6.40	R 10.29	3.75	6.18	2.47	5.29	22.17	12.76
1997	1.50	5.67	5.28	R 10.33	6.18	R 10.03	3.27	6.10	2.43	5.58	22.03	13.03
1998	1.49	5.38	4.15	R 9.36	4.88	R 8.74	2.38	5.10	2.09	5.19	21.48	13.05
1999	1.49	5.22	4.65	R 9.14	5.33	R 9.47	2.69	5.56	1.89	5.14	21.01	12.84
2000	1.43	6.54	7.49	R 11.93	8.87	R 11.96	4.49	8.27	2.99	6.73	21.52	13.90
2001	1.55	8.32	6.70	R 12.90	8.38	R 11.52	4.06	7.89	3.22	8.03	22.99	15.54
2002	1.60	6.49	6.22	R 10.53	8.14	R 10.83	4.08	7.15	2.81	6.46	22.81	14.66
2003	1.55	8.07	7.63	R 12.50	9.80	R 12.28	5.30	R 8.60	3.48	7.99	23.54	15.61
2004	1.78	9.19	9.59	R 14.48	11.41	R 14.49	5.26	10.17	3.54	9.12	23.95	16.55
2005	2.16	10.98	13.64	R 16.92	14.96	R 17.95	7.48	13.56	4.67	11.17	25.40	18.59
2006	2.32	11.60	15.80	R 18.87	18.73	R 20.33	8.69	R 15.95	4.73	R 12.11	27.72	20.63
2007	2.36	10.99	17.37	R 20.74	21.13	R 22.27	9.71	17.61	5.59	11.86	28.27	20.74
2008	3.75	11.89	24.04	R 24.61	25.61	R 26.02	13.18	23.15	6.58	13.50	30.06	22.28
2009	4.25	9.70	R 14.78	R 19.49	21.92	R 18.88	9.90	R 15.61	R 4.76	10.50	29.77	R 20.67
2010	3.73	9.20	18.47	R 21.62	24.43	R 22.46	12.90	18.97	R 5.43	10.65	29.87	20.92
2011	3.99	8.79	R 24.69	R 25.30	28.40	R 28.44	17.34	R 24.48	R 5.94	11.17	30.00	21.18
2012	4.39	8.03	R 25.34	R 19.50	30.06	R 29.13	18.40	R 23.80	5.47	10.37	29.57	21.01
2013	4.18	8.06	R 24.79	R 19.70	30.05	R 28.37	17.41	R 23.34	5.56	10.07	30.07	20.64
2014	4.03	8.80	R 23.16	R 21.30	30.65	R 27.05	15.79	22.91	5.64	10.61	31.48	21.43
2015	4.19	7.80	R 14.26	R 12.66	16.85	R 20.50	8.86	R 16.61	R 4.25	9.51	31.18	20.72
2016	4.67	R 7.20	R 11.80	R 12.04	13.43	R 18.27	6.80	R 14.65	R 3.46	8.62	30.58	R 20.17
2017	5.06	7.80	14.03	15.76	16.82	20.53	8.94	17.10	3.72	9.55	31.25	20.86

Expenditures in Million Dollars												
1970	72	1,844	646	177	47	247	323	1,440	1	3,358	7,319	10,678
1975	191	3,385	1,423	329	114	415	939	3,219	3	6,799	16,157	22,956
1980	179	8,858	3,337	438	262	1,046	2,325	7,409	17	16,463	30,611	47,074
1985	238	13,368	3,995	842	268	866	1,025	6,996	22	20,628	50,092	70,719
1990	200	12,681	3,199	898	87	1,018	785	5,986	104	18,976	60,627	79,602
1995	179	15,383	2,250	967	123	170	445	3,956	106	19,623	72,481	92,104
1996	179	17,106	2,717	1,239	135	273	515	4,879	127	22,291	74,121	96,411
1997	193	18,755	2,344	1,244	152	428	363	4,531	125	23,603	77,153	100,756
1998	150	16,667	1,778	1,102	152	340	203	3,575	99	20,490	78,999	99,490
1999	152	16,351	2,038	1,283	143	269	197	3,931	104	20,537	79,141	99,679
2000	123	21,339	3,672	1,796	263	532	411	6,674	155	28,291	85,129	113,420
2001	136	25,879	3,404	1,844	263	430	284	6,225	145	32,386	93,402	125,788
2002	141	20,926	2,758	1,485	130	488	326	5,187	146	26,399	93,763	120,162
2003	129	26,411	3,779	1,964	183	735	589	7,249	188	33,976	96,263	130,240
2004	183	29,518	4,506	2,203	234	645	644	8,233	209	38,142	100,546	138,688
2005	207	33,838	6,098	2,226	323	817	866	10,331	259	44,635	110,522	155,157
2006	149	33,736	6,314	2,327	284	984	654	10,563	264	44,712	122,914	167,626
2007	166	34,005	6,620	2,522	194	1,342	732	11,410	308	45,889	128,903	174,793
2008	302	38,476	9,230	3,893	114	1,164	936	15,336	393	54,507	137,036	191,543
2009	311	31,012	5,837	2,709	93	978	705	10,323	R 288	R 41,934	132,747	R 174,681
2010	259	29,184	7,223	3,027	118	1,164	796	12,327	337	42,108	135,554	177,662
2011	246	28,370	9,657	3,605	91	1,252	932	15,537	394	R 44,548	135,927	180,474
2012	192	23,843	8,988	2,643	36	1,125	578	13,370	391	37,796	133,898	171,695
2013	173	27,318	8,500	2,986	31	1,131	425	13,074	R 431	R 40,996	137,188	178,184
2014	163	31,538	8,242	3,418	63	1,456	125	13,304	461	R 45,467	145,253	R 190,720
2015	130	25,933	5,125	1,875	23	7,709	35	14,768	R 358	R 41,189	144,781	R 185,970
2016	112	R 23,278	3,838	1,806	28	6,847	30	12,549	R 302	R 36,241	142,642	R 178,884
2017	105	25,658	4,517	2,454	20	7,408	34	14,433	322	40,519	144,242	184,761

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
^b Hydrocarbon gas liquids, assumed to be propane only.
^c Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in the expenditure series between 2014 and 2015 because of changes in consumption estimates from the source. See Consumption Technical Notes, Section 4.
^d Includes small amounts of petroleum coke not shown separately.
^e Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and

biomass waste beginning in 1989.
^g There are no direct fuel costs for hydroelectric, geothermal, solar, or wind energy.
^h For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Where shown, R = Revised data.
Notes: Expenditure totals may not equal sum of components due to independent rounding. The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants.
Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.