

Table ET4. Commercial sector energy price and expenditure estimates, selected years, 1970-2022, United States

Year	Primary energy										Electricity ⁱ	Total energy ^{f,g,h}
	Coal	Natural gas ^a	Petroleum					Biomass	Total ^{f,g,h}			
			Distillate fuel oil	HGL ^b	Kerosene	Motor gasoline ^c	Residual fuel oil			Wood and waste ^{e,f}		
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	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	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	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	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	8.89	5.55	9.42	3.14	5.14	2.25	4.85	22.29	12.62
2000	1.43	6.54	7.49	11.93	8.87	11.96	4.49	8.27	2.99	6.73	21.52	13.90
2005	2.16	10.98	13.64	16.92	14.96	17.95	7.48	13.56	4.67	11.17	25.40	18.59
2006	2.32	11.60	15.80	18.87	18.73	20.33	8.69	15.95	4.73	12.11	27.72	20.63
2007	2.36	10.99	17.37	20.74	21.13	22.27	9.71	17.61	5.59	11.86	28.27	20.74
2008	3.75	11.89	24.04	24.61	25.61	26.02	13.18	23.15	6.58	13.50	30.06	22.28
2009	4.25	9.70	14.78	19.49	21.92	18.87	9.90	15.61	4.76	10.50	29.77	20.67
2010	3.73	9.20	18.47	21.62	24.43	22.46	12.90	18.97	5.43	10.65	29.87	20.92
2011	3.99	8.79	24.69	25.30	28.40	28.44	17.34	24.48	5.94	11.17	30.00	21.18
2012	4.39	8.03	25.34	19.50	30.06	29.13	18.40	23.80	5.47	10.37	29.57	21.01
2013	4.18	8.06	24.79	19.70	30.05	28.37	17.41	23.34	5.56	10.07	30.07	20.64
2014	4.03	8.80	23.16	21.30	30.65	27.05	15.79	22.91	5.64	10.61	31.48	21.43
2015	4.19	7.80	14.26	12.66	16.85	14.26	8.86	16.61	4.25	9.51	31.18	20.72
2016	4.67	7.20	11.80	12.04	13.43	18.27	6.80	14.65	3.47	8.62	30.58	20.17
2017	5.06	7.80	14.03	R 15.78	16.82	20.53	8.94	R 17.11	3.74	9.55	31.25	20.86
2018	5.17	7.70	17.57	R 17.22	24.61	22.87	11.63	R 19.71	4.11	R 9.88	31.27	R 20.67
2019	5.40	7.55	16.22	R 13.48	22.84	22.07	11.40	R 18.10	4.56	9.50	31.29	20.40
2020	6.00	R 7.46	11.03	R 12.58	15.52	18.56	8.85	R 14.68	3.80	8.84	31.04	R 20.14
2021	5.93	R 8.73	17.41	R 19.83	23.12	25.35	13.11	R 21.19	4.35	R 11.24	32.87	R 22.17
2022	5.22	11.25	29.38	21.08	38.82	32.89	21.39	29.22	4.74	14.77	36.37	25.55
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	1,170	445	3,956	106	19,623	72,481	92,104
2000	123	21,339	3,672	1,796	263	532	411	6,674	155	28,291	85,129	113,420
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	288	41,934	132,747	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	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	431	40,996	137,188	178,184
2014	163	31,538	8,242	3,418	63	1,456	125	13,304	461	45,467	145,253	190,720
2015	130	25,933	5,125	1,875	23	7,709	35	14,768	R 357	41,189	144,781	185,970
2016	112	23,278	3,838	1,806	28	6,847	30	12,549	303	36,242	142,642	178,885
2017	105	25,662	4,517	R 2,456	20	7,408	34	R 14,435	324	R 40,527	144,242	R 184,769
2018	97	28,147	5,663	R 3,029	33	8,379	36	R 17,141	355	R 45,740	147,425	R 193,165
2019	90	27,644	5,295	R 2,454	42	8,144	27	R 15,962	359	R 44,055	145,280	R 189,335
2020	87	R 24,596	3,041	R 2,530	26	6,889	21	R 12,508	289	R 37,479	136,372	R 173,852
2021	87	R 29,914	5,711	R 4,302	33	9,495	33	R 19,583	337	R 49,921	149,008	R 198,929
2022	76	41,118	9,743	4,250	51	14,472	69	28,586	537	70,318	172,600	242,917

^a 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.
ⁱ Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers. 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>.
 Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>