

Table ET3. Residential Sector Energy Price and Expenditure Estimates, Selected Years, 1970-2017, United States

Year	Primary Energy							Electricity Retail Sales	Total Energy ^e	
	Coal ^a	Natural Gas ^b	Petroleum				Biomass			
			Distillate Fuel Oil	HGL ^c	Kerosene	Total				Wood ^d
Prices in Dollars per Million Btu										
1970	1.14	1.06	1.39	2.05	1.54	1.54	0.66	1.22	6.51	2.10
1975	2.45	1.67	2.74	3.96	3.14	3.02	1.31	2.11	10.29	3.80
1980	2.90	3.60	7.02	7.82	8.32	7.24	3.10	4.51	15.71	7.46
1985	3.26	5.94	7.93	8.98	7.90	8.14	3.71	6.37	21.66	10.91
1990	3.01	5.63	8.01	10.79	7.46	8.69	3.59	6.23	22.96	11.87
1995	2.58	5.89	6.53	R 10.02	5.74	7.49	2.88	6.11	24.63	12.60
1996	2.53	6.16	7.48	R 11.32	6.33	8.63	3.30	6.57	24.50	12.69
1997	2.48	6.75	7.46	R 11.28	6.29	8.61	3.24	7.03	24.71	13.25
1998	2.46	6.61	6.45	R 10.15	5.25	7.56	2.80	6.70	24.21	13.44
1999	2.37	6.50	6.62	R 10.04	5.73	7.78	2.87	6.68	23.93	13.15
2000	2.24	7.63	9.93	R 13.39	9.13	R 11.12	4.32	8.32	24.14	14.21
2001	2.93	9.42	9.49	R 14.67	8.81	R 11.23	4.22	9.70	25.16	15.62
2002	2.59	7.69	8.61	R 12.38	8.26	9.99	3.83	8.09	24.75	14.65
2003	2.46	9.24	10.33	R 14.65	9.83	11.83	4.60	9.69	25.56	R 15.79
2004	3.03	10.47	11.74	R 16.54	11.33	R 13.33	5.22	10.96	26.22	17.02
2005	3.46	12.34	15.54	R 19.13	14.76	16.77	6.96	13.16	27.68	19.16
2006	3.51	13.35	17.96	R 21.43	18.59	R 19.26	8.02	14.42	30.49	21.49
2007	3.50	12.70	19.76	R 23.31	21.27	R 21.19	8.86	14.27	31.22	21.57
2008	—	13.52	24.53	R 27.52	25.59	R 25.80	10.92	15.93	33.01	23.08
2009	—	11.81	R 18.29	R 23.56	22.00	R 20.87	R 8.17	R 13.36	33.73	22.04
2010	—	11.13	R 21.58	R 25.65	24.44	R 23.58	R 9.64	R 13.31	33.81	R 22.37
2011	—	10.78	R 25.94	R 28.25	28.49	R 27.08	R 11.59	R 13.59	34.34	R 22.81
2012	—	10.38	R 28.88	R 25.91	30.19	R 27.57	R 12.90	13.32	34.82	R 23.39
2013	—	10.01	R 28.29	R 25.30	30.19	R 26.86	R 12.63	12.71	35.54	22.59
2014	—	10.60	R 27.58	R 30.05	30.67	28.79	R 12.32	R 13.55	36.69	R 23.35
2015	—	9.96	R 19.01	R 22.75	16.81	20.64	R 8.42	R 11.69	37.08	R 22.93
2016	—	9.63	R 16.24	R 21.56	13.39	18.80	R 7.34	R 10.99	36.78	R 22.92
2017	—	10.47	18.17	25.15	16.74	21.61	8.22	12.11	37.77	23.77

Expenditures in Million Dollars										
1970	236	5,272	2,603	1,124	459	4,186	68	9,761	10,352	20,112
1975	153	8,410	4,954	R 2,030	504	R 7,488	143	R 16,194	20,644	R 36,838
1980	90	17,497	9,234	R 2,436	887	R 12,557	678	R 30,822	38,458	R 69,280
1985	127	27,136	8,667	R 2,825	1,252	R 12,745	944	R 40,951	58,672	R 99,623
1990	93	25,439	7,839	R 3,805	477	R 12,121	878	R 38,531	72,378	R 110,909
1995	45	29,362	5,903	3,960	426	10,289	657	40,352	87,610	127,961
1996	41	33,219	6,920	5,314	562	12,796	781	46,837	90,503	137,340
1997	39	34,590	6,516	5,139	584	12,239	630	47,497	90,704	138,201
1998	31	30,875	4,975	4,309	569	9,852	484	41,242	93,360	134,602
1999	33	31,577	5,471	5,289	637	11,397	509	43,516	93,482	136,999
2000	24	38,959	8,980	7,440	864	17,283	824	57,090	98,209	155,299
2001	32	46,189	8,610	7,721	837	17,169	694	64,083	103,158	167,241
2002	31	38,490	7,393	6,661	495	14,549	639	53,709	106,834	160,542
2003	30	48,278	9,618	7,984	691	18,294	807	67,409	111,249	178,658
2004	35	52,265	10,830	8,474	961	20,264	940	73,503	115,577	189,080
2005	29	61,196	13,261	9,822	1,237	24,320	1,248	86,793	128,393	215,186
2006	22	59,834	12,738	9,559	1,233	23,531	1,275	84,661	140,582	225,244
2007	27	61,598	14,247	11,287	934	26,468	1,557	89,650	148,295	237,944
2008	—	67,851	18,393	15,231	544	34,168	2,146	104,164	155,496	259,661
2009	—	57,841	10,640	12,904	609	24,154	R 1,730	R 83,724	157,044	R 240,767
2010	—	54,396	12,109	13,589	711	26,409	R 2,188	R 82,994	166,778	R 249,772
2011	—	51,940	13,543	13,915	528	27,986	R 2,551	R 82,477	166,714	R 249,191
2012	—	44,131	13,914	10,251	234	24,398	R 2,374	R 70,904	163,280	R 234,184
2013	—	50,446	13,875	11,726	249	25,850	R 3,034	R 79,329	169,131	R 248,460
2014	—	55,735	14,675	14,708	422	29,805	R 2,994	R 88,534	176,178	R 264,712
2015	—	47,762	10,459	10,142	170	20,770	R 1,889	R 70,421	177,624	R 248,045
2016	—	R 43,572	7,039	9,268	183	16,490	R 1,422	R 61,483	177,077	R 238,560
2017	—	48,091	7,836	10,830	141	18,807	1,550	68,448	177,661	246,110

^a Beginning in 2008, consumption data are no longer collected and are assumed to be zero.
^b Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
^c Hydrocarbon gas liquids, assumed to be propane only.
^d Wood and wood-derived fuels.
^e There are no direct fuel costs for geothermal or solar energy.

Where shown, R = Revised data, — = No consumption.
 Note: Expenditure totals may not equal sum of components due to independent rounding.
 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.