

Table 1. Consumption and Expenditures in U.S. Households that Use LPG, 1987

Characteristics	Total Households (million)	Residential Buildings		Average LPG							
		Total Number (million)	Total Floorspace (billion sq. ft.)	Consumption				Expenditures			
				per Building (million Btu)	per Square Foot (thousand Btu)	per Household (million Btu)	per Household Member (million Btu)	per Building (dollars)	per Square Foot (dollars)	per Household (dollars)	per Household Member (dollars)
Total U.S. Households	7.7	7.6	12.3	41	26	41.1	15	369	0.23	366	131
Census Region and Division											
Northeast	1.1	1.1	2.1	17	9	16.5	6	225	0.12	218	76
New England	0.5	0.4	0.9	20	10	18.9	6	243	0.12	226	76
Middle Atlantic	0.6	0.6	1.2	15	8	14.7	5	212	0.11	212	75
Midwest	2.3	2.2	4.3	58	30	57.6	20	442	0.23	436	153
East North Central	1.5	1.5	2.8	56	30	55.5	19	460	0.24	454	152
West North Central	0.8	0.8	1.5	62	31	61.6	24	406	0.20	402	156
South	3.3	3.3	4.4	36	27	35.8	13	342	0.26	342	126
South Atlantic	1.9	1.9	2.4	31	24	30.5	11	341	0.27	341	125
East South Central	0.8	0.8	1.0	41	30	41.3	16	378	0.28	378	150
West South Central	0.7	0.7	0.9	44	32	44.0	15	306	0.23	306	105
West	1.0	1.0	1.5	49	31	48.5	17	455	0.28	451	162
Mountain	0.2	0.2	0.4	79	51	78.7	27	504	0.33	504	173
Pacific	0.7	0.7	1.1	39	24	38.1	14	438	0.27	433	158
Metropolitan Statistical Area											
Urban	3.5	3.5	5.8	38	22	37.0	13	366	0.22	360	125
Central City	0.6	0.5	0.7	31	26	29.7	12	358	0.30	343	137
Suburban	2.9	2.9	5.2	39	22	38.4	13	367	0.21	363	123
Rural	4.2	4.2	6.4	45	29	44.5	16	372	0.24	371	137
Climate Zone (1)											
Fewer than 2,000 CDD and--											
More than 7,000 HDD	1.7	1.7	2.8	49	29	48.5	17	392	0.23	389	135
5,500 to 7,000 HDD	1.4	1.3	2.8	41	20	39.4	14	367	0.18	354	124
4,000 to 5,499 HDD	1.4	1.4	2.4	46	26	45.8	18	371	0.21	371	142
Fewer than 4,000 HDD	1.6	1.6	2.3	46	32	46.0	16	439	0.30	439	152
2,000 CDD or More and--											
Fewer than 4,000 HDD	1.6	1.6	2.0	26	21	25.7	10	276	0.23	274	103
Type and Ownership of Housing Unit											
Single-Family Detached	5.7	5.7	10.6	44	24	44.4	16	384	0.21	384	136
Owned	4.7	4.7	9.3	46	23	45.8	17	397	0.20	397	143
Rented	1.0	1.0	1.3	38	28	37.6	12	323	0.24	323	104
Single-Family Attached	Q	Q	Q	7	3	6.7	4	113	0.05	113	67
Owned	Q	Q	Q	7	3	7.1	5	118	0.05	118	80
Rented	Q	Q	Q	4	3	4.5	1	75	0.05	75	25
Multifamily											
2 to 4 Units	Q	Q	Q	24	3	8.7	2	315	0.04	113	32
Owned	Q	Q	Q	45	3	16.8	4	481	0.03	178	45
Rented	Q	Q	Q	12	4	4.4	1	222	0.07	78	23
5 or More Units	Q	Q	Q	226	37	27.2	16	2,242	0.37	269	162
Owned	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Rented	Q	Q	Q	226	37	27.2	16	2,242	0.37	269	162
Mobile Homes	1.9	1.9	1.5	33	43	32.8	12	323	0.42	323	120
Owned	1.5	1.5	1.2	34	44	34.4	13	336	0.43	336	127
Rented	0.4	0.4	0.3	27	37	26.7	9	276	0.38	276	96
Heated Floorspace (square feet)											
Fewer than 600	0.9	0.9	0.8	28	33	27.9	11	294	0.34	289	119
600 to 999	2.3	2.3	2.1	33	36	32.4	13	319	0.35	313	124
1,000 to 1,599	2.3	2.3	3.5	48	32	48.0	17	399	0.26	399	141
1,600 to 1,999	0.8	0.8	1.8	42	20	42.0	14	379	0.18	379	127
2,000 to 2,399	0.5	0.5	1.4	40	15	39.9	12	413	0.16	409	118
2,400 to 2,999	0.4	0.4	1.3	52	16	52.3	15	432	0.13	432	128
3,000 or More	0.3	0.3	1.4	78	18	76.0	25	548	0.13	534	178

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Number of Rooms											
1	Q	Q	Q	56	120	55.7	19	491	1.06	491	164
2	0.3	0.3	0.2	31	44	30.3	14	295	0.41	286	136
3	0.6	0.6	0.5	28	34	27.5	12	280	0.34	274	122
4	2.2	2.2	2.5	37	33	36.6	16	363	0.32	358	155
5	2.0	2.0	2.9	42	29	42.3	14	358	0.24	358	118
6	1.1	1.1	2.2	43	21	43.0	13	388	0.19	388	117
7	0.8	0.8	1.9	45	19	44.2	15	387	0.16	380	127
8 or More	0.7	0.7	2.0	61	20	61.1	19	469	0.16	469	144
Ownership of Unit											
Owned	6.2	6.2	10.6	43	25	42.8	16	381	0.22	381	139
Rented	1.5	1.4	1.7	35	29	33.5	11	316	0.27	303	101
Public Housing	Q	Q	Q	4	3	4.5	1	75	0.05	75	25
Not Public Housing	1.5	1.4	1.7	35	29	33.6	11	317	0.27	304	101
Rent Subsidy	Q	Q	Q	50	34	39.8	14	444	0.30	354	125
No Rent Subsidy	1.4	1.4	1.6	35	29	33.5	11	315	0.27	303	101
Year of Construction											
1939 or Before	1.8	1.8	3.4	37	20	36.9	14	315	0.17	310	116
1940 to 1949	0.7	0.7	1.0	45	31	45.2	18	432	0.29	432	176
1950 to 1959	1.0	1.0	1.4	45	30	44.0	16	423	0.29	418	152
1960 to 1969	1.0	1.0	1.6	38	25	38.0	16	324	0.21	324	136
1970 to 1974	1.0	1.0	1.3	48	36	48.0	16	462	0.35	462	158
1975 to 1979	1.0	1.0	1.6	48	29	47.0	15	407	0.24	395	122
1980 to 1984	0.8	0.8	1.4	32	19	31.7	10	262	0.16	262	83
1985 or After (2)	0.3	0.3	0.6	42	25	41.7	15	403	0.24	403	143
All Utilities Paid by Household											
Yes	7.2	7.2	11.8	42	26	42.0	15	373	0.23	373	133
No	0.5	0.4	0.5	32	29	27.9	11	298	0.27	259	100
1990 Family Income											
Less than \$5,000	0.9	0.9	1.0	36	32	35.7	17	340	0.30	338	163
\$5,000 to \$9,999	1.4	1.4	1.7	32	26	31.6	13	296	0.24	294	117
\$10,000 to \$14,999	1.3	1.3	1.7	45	35	45.3	20	385	0.29	384	171
\$15,000 to \$19,999	0.7	0.7	1.1	48	31	47.8	13	440	0.29	440	120
\$20,000 to \$24,999	0.8	0.8	1.4	44	25	43.7	16	371	0.21	368	133
\$25,000 to \$34,999	1.3	1.3	2.6	40	20	38.7	12	363	0.18	355	115
\$35,000 to \$49,999	0.6	0.6	1.3	45	21	44.1	13	375	0.18	366	106
\$50,000 or More	0.6	0.6	1.4	53	21	53.1	16	474	0.19	474	143
Below Poverty Line											
100 Percent	1.6	1.6	1.9	40	35	39.8	14	340	0.30	339	119
125 Percent	2.5	2.5	2.9	38	32	38.2	13	342	0.29	341	119
Eligible for Federal Assistance (3)											
	3.2	3.1	4.1	37	28	37.0	13	339	0.26	337	116
Age of Householder											
Under 25 Years	2.0	2.0	2.9	37	25	36.5	11	336	0.23	333	99
25 to 34 Years	1.5	1.4	2.5	39	22	37.8	10	337	0.19	326	90
35 to 44 Years	1.8	1.8	2.9	43	27	42.7	16	377	0.24	377	144
45 to 59 Years	2.4	2.4	4.0	46	28	45.7	24	409	0.25	408	212

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Education of Householder											
12 Years or Fewer	5.8	5.8	8.5	39	27	39.0	14	357	0.24	356	129
13 to 16 Years	1.5	1.5	3.1	45	22	44.6	15	384	0.19	379	126
17 Years or More	0.3	0.3	0.7	69	28	63.1	29	537	0.22	488	221
Race of Householder											
White	6.7	6.6	11.1	42	25	41.5	15	374	0.22	370	135
Black	0.8	0.8	0.8	31	27	30.6	10	296	0.26	296	95
Other	0.2	0.2	0.3	61	41	61.4	19	460	0.31	460	142
Householder of Hispanic Descent											
Yes	0.2	0.2	0.3	62	47	61.6	17	462	0.35	462	125
No	7.5	7.4	12.0	41	25	40.5	15	367	0.23	363	131
Household Size											
1 Person	1.5	1.5	1.8	42	35	42.1	42	379	0.31	376	376
2 Persons	2.5	2.5	4.1	40	25	39.3	20	355	0.22	349	175
3 Persons	3.2	3.2	5.8	41	23	40.7	11	366	0.21	364	97
4 Persons	0.4	0.4	0.7	52	31	52.0	8	450	0.27	450	68
5 or More Persons	0.6	0.6	1.6	88	33	81.8	13	523	0.20	488	76

(1) Climate zones are based on annual degree-days that are averaged over 30 years from 1951 to 1980.

(2) Does not include all new construction for 1987.

(3) Below 150 percent of poverty line or 60 percent of median State income.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

Notes: • Because of rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 1987 Residential Energy Consumption Survey.