

Table 1. Consumption and Expenditures in U.S. Households that Use LPG, 1993

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	8.1	7.9	14.9	48	25	46.8	17	481	0.26	470	170
Census Region and Division											
Northeast	1.2	1.1	2.4	22	10	20.6	8	308	0.15	286	106
New England	0.6	0.5	1.1	26	12	23.8	9	337	0.16	310	124
Middle Atlantic	0.7	0.6	1.3	19	9	17.9	6	284	0.13	266	93
Midwest	2.2	2.2	5.3	87	35	86.0	29	741	0.30	736	249
East North Central	1.1	1.1	2.8	96	36	96.2	33	834	0.31	834	285
West North Central	1.1	1.1	2.4	77	34	76.0	25	649	0.29	639	214
South	4.0	3.9	6.1	33	21	32.9	12	369	0.24	366	134
South Atlantic	2.3	2.3	3.7	29	18	28.6	10	360	0.22	355	126
East South Central	0.9	0.9	1.3	41	29	40.7	15	411	0.29	411	154
West South Central	0.7	0.7	1.1	37	25	37.0	14	343	0.23	343	133
West	0.8	0.7	1.2	54	32	50.2	20	590	0.35	551	221
Mountain	0.4	0.4	0.7	70	42	66.4	25	660	0.40	626	236
Pacific	0.3	0.3	0.5	33	19	29.8	13	500	0.29	458	200
Four Most Populated States											
California	0.3	0.2	0.4	29	17	26.0	11	450	0.27	401	177
Florida	0.8	0.8	1.3	16	10	15.8	5	260	0.16	252	87
New York	0.4	0.3	0.8	24	9	21.6	7	327	0.13	298	92
Texas	Q	0.5	0.7	33	21	32.7	15	294	0.19	294	131
Metropolitan Statistical Area											
Urban	3.2	3.1	6.2	39	20	37.5	13	427	0.21	409	142
Central City	0.6	0.6	1.0	28	16	26.1	11	344	0.19	320	139
Suburban	2.6	2.5	5.2	41	20	40.0	13	445	0.22	429	143
Rural	4.9	4.8	8.8	54	30	53.0	20	516	0.29	510	189
Urban/Rural Location (1)											
City	0.8	0.7	1.1	35	21	31.5	14	405	0.25	367	158
Town	1.3	1.3	2.5	47	24	45.6	19	483	0.25	466	199
Suburbs	0.7	0.7	1.3	23	12	22.8	9	318	0.17	310	116
Rural	5.3	5.3	10.0	53	28	52.4	18	511	0.27	506	172

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Climate Zone (2)											
Fewer than 2,000 CDD and--											
More than 7,000 HDD	1.3	1.2	2.8	56	25	53.0	18	536	0.24	504	167
5,500 to 7,000 HDD	1.6	1.6	3.7	71	31	69.5	25	647	0.28	632	228
4,000 to 5,499 HDD	1.3	1.2	2.6	56	26	54.7	19	553	0.26	542	187
Fewer than 4,000 HDD	1.6	1.6	2.2	39	28	38.6	16	433	0.31	429	173
2,000 CDD or More and--											
Fewer than 4,000 HDD	2.3	2.3	3.6	29	18	28.8	11	330	0.21	326	119
Type and Ownership of Housing Unit											
Single Family Detached											
Owned	5.9	5.9	12.7	51	23	50.6	18	499	0.23	499	179
Rented	5.0	5.0	11.2	53	23	52.8	19	517	0.23	517	191
Single Family Attached											
Owned	1.0	1.0	1.5	39	24	39.1	12	406	0.25	406	128
Rented	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Multifamily											
2 to 4 Units											
Owned	Q	Q	Q	39	7	14.2	5	544	0.10	196	74
Rented	0.1	(*)	0.1	54	14	19.3	(*)	728	0.19	263	138
5 or More Units											
Owned	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Rented	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Mobile Home											
Owned	1.9	1.9	1.7	39	43	38.6	14	406	0.45	406	145
Rented	1.4	1.4	1.3	39	41	38.6	14	400	0.43	400	143
Rented	0.5	0.5	0.4	39	48	38.9	14	423	0.52	423	150
Heated Floorspace (square feet)											
Fewer than 1,000	2.6	2.5	2.2	36	41	34.9	14	395	0.44	380	154
1,000 to 1,999	3.2	3.1	5.2	45	27	44.6	16	461	0.28	453	166
2,000 to 2,999	1.5	1.5	4.1	54	20	53.5	17	537	0.20	532	169
3,000 or More	0.8	0.8	3.5	82	19	80.4	26	717	0.17	705	225
Total Number of Rooms (Excluding Bathrooms)											
1 to 2	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
3 to 5	4.3	4.1	5.4	39	30	37.9	15	410	0.31	394	158
6 to 8	3.4	3.4	8.2	56	23	56.1	19	548	0.23	548	181
9 or More	0.4	0.4	1.4	65	20	65.0	18	627	0.19	627	177
Ownership of Unit											
Owned	6.5	6.4	12.8	50	25	49.1	18	491	0.25	487	179
Rented	1.6	1.5	2.2	41	28	37.6	13	435	0.30	402	136
Year of Construction											
1939 or Before	2.2	2.1	4.9	62	26	58.8	23	574	0.24	546	209
1940 to 1949	0.6	0.6	0.9	52	33	51.9	26	518	0.33	518	255
1950 to 1959	0.8	0.8	1.3	35	23	34.5	11	372	0.24	363	117
1960 to 1969	1.1	1.1	1.9	46	27	46.5	19	486	0.28	486	202
1970 to 1979	1.6	1.5	2.4	41	26	40.4	13	418	0.27	413	138
1980 to 1984	0.5	0.5	0.8	32	20	31.9	11	338	0.21	337	115
1985 to 1987	0.4	0.4	0.9	50	25	47.5	15	538	0.26	509	159
1988 to 1990	0.5	0.5	0.9	40	22	39.0	13	458	0.25	446	146
1991 to 1993 (3)	0.4	0.4	1.0	55	23	55.2	19	553	0.23	553	188

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All Utilities Paid by Household												
Yes	7.7	7.6	14.4	47	25	46.9	17	476	0.25	471	168	
No	0.4	0.3	0.5	60	35	45.0	21	606	0.36	454	213	
1993 Family Income												
Less than \$5,000	0.4	0.4	0.5	37	31	34.5	23	392	0.33	368	242	
\$5,000 to \$9,999	1.0	1.0	1.2	44	36	42.3	22	465	0.37	443	234	
\$10,000 to \$14,999	1.0	1.0	1.4	36	25	35.5	13	386	0.26	377	138	
\$15,000 to \$19,999	0.9	0.9	1.4	45	28	44.8	16	463	0.29	456	159	
\$20,000 to \$24,999	0.9	0.9	1.5	47	29	46.4	18	475	0.29	465	176	
\$25,000 to \$34,999	1.6	1.6	3.0	49	25	48.4	16	481	0.25	477	157	
\$35,000 to \$49,999	1.2	1.1	2.8	59	24	56.6	18	564	0.23	546	171	
\$50,000 to \$74,999	0.7	0.7	2.0	61	21	60.7	19	593	0.21	588	181	
\$75,000 or More	0.4	0.4	1.1	46	17	46.4	14	466	0.17	466	141	
Below Poverty Line												
100 Percent	1.6	1.5	1.8	40	33	38.6	16	428	0.35	410	167	
125 Percent	2.3	2.2	2.8	40	32	38.4	14	412	0.33	397	150	
150 Percent	2.7	2.6	3.4	40	30	38.4	14	418	0.32	401	142	
Eligible for Federal Assistance (4)												
	3.0	2.9	4.2	40	28	38.3	14	419	0.29	404	143	
Age of Householder												
Under 25 Years	0.3	0.3	0.3	33	37	32.6	12	343	0.38	336	124	
25 to 34 Years	1.4	1.4	2.4	44	26	42.6	12	451	0.26	437	123	
35 to 44 Years	1.8	1.7	3.6	42	21	41.2	11	443	0.22	433	114	
45 to 59 Years	2.1	2.0	4.0	53	27	52.0	21	524	0.27	511	203	
60 Years and Over	2.5	2.5	4.8	52	27	50.9	28	507	0.26	499	277	
Race of Householder												
White	7.4	7.2	14.1	50	26	48.8	18	497	0.26	486	176	
Black	0.6	0.6	0.7	24	20	24.0	8	289	0.24	287	100	
Other (5)	0.1	0.1	0.2	33	17	31.0	10	392	0.21	371	116	
Householder of Hispanic Descent												
Yes	0.5	0.4	0.7	27	17	25.5	8	321	0.21	307	100	
No	7.7	7.5	14.3	49	26	48.1	17	490	0.26	480	174	
Household Size												
1 Person	1.5	1.4	1.9	43	31	40.7	41	427	0.31	408	408	
2 Persons	2.9	2.9	5.6	51	26	49.6	25	508	0.26	497	249	
3 Persons	1.4	1.4	2.8	47	23	45.9	15	484	0.24	468	156	
4 Persons	1.2	1.2	2.4	46	23	45.9	11	469	0.24	469	117	
5 Persons	0.8	0.8	1.6	51	26	51.1	10	493	0.25	493	99	
6 or More Persons	0.3	0.3	0.6	48	21	47.0	7	476	0.21	462	66	
Number of Stories												
Single-Family Homes	6.0	6.0	12.9	51	24	50.5	18	498	0.23	498	179	
1 Story	4.2	4.2	7.7	47	25	47.2	18	475	0.26	475	180	
2 Stories	1.7	1.7	4.9	57	20	57.2	19	543	0.19	543	177	
3 Stories	Q	Q	Q	58	23	57.9	25	608	0.24	608	267	
Split-Level	Q	Q	Q	75	28	74.9	18	724	0.28	724	172	
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	
Mobile Homes	1.9	1.9	1.7	39	43	38.6	14	406	0.45	406	145	

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Number of Floors in Apartment Buildings												
1 or 2 Floors	Q	Q	Q	286	28	27.1	10	4,276	0.41	406	154	
3 or 4 Floors	Q	Q	Q	1,138	55	36.3	36	12,879	0.63	411	411	
5 to 10 Floors	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	
11 to 20 Floors	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	
More than 20 Floors	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	
Don't Know/No Answer	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	
Number of Units in Apartment Buildings												
2 to 4 Units	0.2	0.1	0.3	47	10	17.0	8	645	0.14	233	104	
5 to 10 Units	Q	Q	Q	214	33	27.4	12	3,109	0.48	398	175	
11 to 20 Units	Q	Q	Q	429	24	26.8	9	6,632	0.37	414	138	
21 to 50 Units	Q	Q	Q	1,138	55	36.3	36	12,879	0.63	411	411	
51 Units or More	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	
No Answer	Q	Q	Q	Q(6)	Q	Q	Q	Q(6)	Q	Q	Q	
Not Applicable	7.9	7.9	14.6	48	26	47.7	17	476	0.26	476	171	

(1) Based on the household respondent's description rather than the Federal Government definition.

(2) Climate zones are based on annual degree-days that are averaged over 30 years from 1961 to 1980.

(3) Does not include all new construction for 1993.

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

(5) Includes 42.8 thousand householders who described themselves as Hispanic rather than White, Black, or other.

(6) For these buildings we assumed 16 units, the median value of the reported cases.

(*) = Value rounds to zero in the units displayed.

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, B, C of the 1997 Residential Energy Consumption Survey.