

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

Characteristics	Total Households (million)	Residential Buildings		Average Natural Gas							
		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	58.7	46.0	111.9	115	47	89.9	34	696	0.29	546	206
Census Region and Division											
Northeast	12.2	7.7	23.3	145	48	90.9	35	1,122	0.37	703	272
New England	2.2	1.2	4.2	154	45	85.7	34	1,298	0.38	722	290
Middle Atlantic	10.0	6.4	19.1	143	48	92.0	35	1,089	0.37	699	269
Midwest	17.5	14.0	37.6	148	55	118.4	46	795	0.30	637	250
East North Central	13.3	10.4	28.2	153	56	119.3	46	825	0.31	646	252
West North Central	4.1	3.6	9.4	134	51	115.2	46	706	0.27	609	243
South	14.7	13.1	26.5	90	45	80.1	30	552	0.27	491	185
South Atlantic	5.4	4.5	9.9	93	42	78.0	30	666	0.30	557	214
East South Central	2.4	2.3	5.0	99	45	92.8	36	558	0.25	524	206
West South Central	6.9	6.3	11.6	85	46	77.4	28	469	0.26	428	157
West	14.2	11.2	24.5	81	37	64.3	23	451	0.21	357	126
Mountain	3.7	3.2	6.6	102	49	89.1	35	492	0.24	429	167
Pacific	10.5	8.1	17.9	73	33	55.7	19	435	0.20	332	114
Four Most Populated States											
New York	9.6	7.2	15.7	68	31	51.0	17	416	0.19	311	106
California	0.5	0.4	0.8	42	22	38.0	13	357	0.19	322	112
Texas	5.2	2.5	9.2	170	46	80.9	31	1,423	0.39	677	261
Florida	4.2	3.7	7.2	81	42	72.1	26	451	0.23	400	145
Metropolitan Statistical Area											
Urban	50.8	38.8	95.5	115	47	88.0	33	712	0.29	543	204
Central City	22.8	15.5	36.5	125	53	84.6	32	791	0.34	537	205
Suburban	28.0	23.3	59.0	109	43	90.7	34	659	0.26	547	203
Rural	7.8	7.2	16.5	111	49	102.6	40	614	0.27	569	222
Urban/Rural Location (1)											
City	33.3	23.8	57.1	118	49	84.1	32	730	0.30	521	201
Town	9.1	8.1	18.1	105	47	93.9	35	624	0.28	557	210
Suburbs	13.2	11.1	29.5	118	44	99.5	36	707	0.27	596	217
Rural	3.1	3.0	7.2	102	43	100.1	36	580	0.24	569	205
Climate Zone (2)											
Fewer than 2,000 CDD and--											
More than 7,000 HDD	4.5	3.8	10.4	135	50	115.0	45	730	0.27	620	244
5,500 to 7,000 HDD	18.8	14.1	38.8	151	55	114.1	45	885	0.32	667	265
4,000 to 5,499 HDD	13.0	9.2	25.5	126	46	89.9	34	861	0.31	613	231
Fewer than 4,000 HDD	12.2	9.5	20.5	79	37	61.9	22	492	0.23	384	134
2,000 CDD or More and--											
Fewer than 4,000 HDD	10.3	9.3	16.8	75	42	67.8	25	441	0.24	400	150
Type and Ownership of Housing Unit											
Single Family Detached	36.7	36.7	86.0	103	44	102.8	36	606	0.26	606	214
Owned	31.4	31.4	77.1	105	43	105.2	38	623	0.25	623	224
Rented	5.3	5.3	8.9	88	52	88.5	28	507	0.30	507	161
Single Family Attached	4.7	4.7	9.0	85	45	85.4	32	558	0.29	558	206
Owned	2.9	2.9	6.2	88	41	87.8	33	584	0.27	584	221
Rented	1.9	1.9	2.9	82	53	81.7	29	517	0.33	517	183
Multifamily											
2 to 4 Units	5.6	2.0	6.9	266	78	96.4	38	1,763	0.51	639	254
Owned	1.1	0.4	2.2	370	69	135.5	50	2,543	0.47	932	345
Rented	4.5	1.6	4.7	240	82	86.7	35	1,567	0.53	566	229
5 or More Units	9.8	0.7	8.1	578	52	43.5	21	3,847	0.35	289	142
Owned	0.8	0.1	0.8	584	45	47.6	28	3,722	0.29	303	180
Rented	9.1	0.7	7.3	578	53	43.2	21	3,858	0.36	288	139
Mobile Home	1.8	1.8	1.8	73	74	73.3	30	411	0.41	411	166
Owned	1.6	1.6	1.6	75	74	74.8	30	412	0.41	412	167
Rented	0.3	0.3	0.3	65	73	65.0	26	405	0.45	405	162

Heated Floorspace

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				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)	
(square feet)												
Fewer than 1,000	17.1	8.2	13.9	125	73	59.7	28	794	0.46	379	177	
1,000 to 1,999	24.5	21.3	41.8	99	51	86.1	31	603	0.31	523	191	
2,000 to 2,999	11.1	10.8	30.0	120	43	116.4	39	720	0.26	699	237	
3,000 or More	5.9	5.8	26.2	147	33	143.2	46	855	0.19	836	266	
Total Number of Rooms												
(Excluding Bathrooms)												
1 to 2	2.1	0.4	1.1	190	64	33.1	23	1,378	0.46	240	168	
3 to 5	27.1	17.3	33.8	111	57	70.8	31	689	0.35	439	190	
6 to 8	25.4	24.5	61.4	111	44	106.7	36	663	0.26	639	214	
9 or More	4.0	3.9	15.6	147	37	143.2	41	871	0.22	848	245	
Ownership of Unit												
Owned	37.7	36.3	87.8	106	44	102.3	37	638	0.26	614	225	
Rented	20.9	9.7	24.1	146	59	67.6	27	916	0.37	424	170	
Year of Construction												
1939 or Before	14.8	11.1	28.6	140	54	105.0	42	866	0.34	650	257	
1940 to 1949	4.9	3.9	8.0	111	54	88.8	35	684	0.34	549	217	
1950 to 1959	9.4	8.3	17.6	102	48	90.4	32	632	0.30	563	201	
1960 to 1969	9.9	7.5	18.2	120	49	90.5	37	718	0.29	541	222	
1970 to 1979	8.6	6.3	15.7	110	44	79.5	29	627	0.25	455	167	
1980 to 1984	4.0	3.1	7.3	93	39	72.1	25	563	0.24	435	151	
1985 to 1987	2.6	2.2	5.6	93	36	75.8	27	567	0.22	463	163	
1988 to 1990	2.1	1.8	5.3	99	34	84.6	28	581	0.20	499	163	
1991 to 1993 (3)	2.4	1.9	5.7	103	34	82.5	30	628	0.21	502	184	
All Utilities Paid by Household												
Yes	47.5	43.6	101.9	106	45	97.3	35	637	0.27	586	212	
No	11.2	2.4	10.0	275	65	58.6	27	1,776	0.42	378	176	
1993 Family Income												
Less than \$5,000	2.4	1.4	2.9	132	63	73.8	29	838	0.40	469	186	
\$5,000 to \$9,999	6.5	4.1	8.2	117	58	74.0	37	720	0.36	455	230	
\$10,000 to \$14,999	7.1	5.0	10.3	116	56	81.5	34	704	0.34	495	207	
\$15,000 to \$19,999	5.8	4.4	9.5	118	55	90.7	39	696	0.32	535	231	
\$20,000 to \$24,999	5.1	3.9	8.3	111	52	85.8	36	672	0.32	519	220	
\$25,000 to \$34,999	7.8	6.3	14.4	112	49	90.2	34	670	0.29	541	207	
\$35,000 to \$49,999	10.4	8.6	22.6	112	43	92.3	32	683	0.26	562	193	
\$50,000 to \$74,999	8.0	7.2	18.7	108	42	97.1	30	645	0.25	583	181	
\$75,000 or More	5.7	5.2	17.0	124	38	113.6	36	776	0.24	708	228	
Below Poverty Line												
100 Percent	8.9	5.6	11.4	123	60	77.3	26	766	0.37	481	163	
125 Percent	11.8	7.6	15.6	121	59	78.8	27	753	0.37	488	169	
150 Percent	14.9	9.9	20.2	119	59	79.7	28	736	0.36	491	174	
Eligible for Federal Assistance (4)												
	18.7	12.6	26.5	122	58	82.3	31	753	0.36	506	192	
Age of Householder												
Under 25 Years	3.2	1.7	4.0	138	59	75.2	28	823	0.35	447	165	
25 to 34 Years	12.6	8.6	20.8	122	51	83.6	27	739	0.31	507	166	
35 to 44 Years	13.0	10.8	26.4	106	44	88.5	27	653	0.27	545	164	
45 to 59 Years	13.0	10.8	28.1	115	44	96.2	37	693	0.27	580	221	
60 Years and Over	16.9	14.0	32.6	114	49	93.6	51	691	0.30	569	310	

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Race of Householder											
White	47.0	38.6	94.8	111	45	91.0	36	666	0.27	547	214
Black	7.7	5.1	11.6	149	66	98.9	35	937	0.41	622	223
Other (5)	4.0	2.3	5.5	101	43	59.8	17	662	0.28	391	113
Householder of Hispanic Descent											
Yes	5.8	3.7	7.8	96	45	61.2	18	622	0.29	395	119
No	52.9	42.3	104.1	116	47	93.1	36	703	0.29	563	218
Household Size											
1 Person	14.2	8.9	19.4	114	52	71.8	72	694	0.32	437	437
2 Persons	18.4	14.8	36.5	110	45	88.9	44	664	0.27	535	268
3 Persons	10.3	8.6	20.5	115	48	95.1	32	716	0.30	592	197
4 Persons	9.4	8.3	21.4	119	46	104.7	26	718	0.28	632	158
5 Persons	4.1	3.6	9.4	112	43	98.9	20	677	0.26	595	119
6 or More Persons	2.3	1.9	4.8	134	53	109.5	16	815	0.32	667	99
Number of Stories											
Single-Family Homes	41.4	41.4	95.0	101	44	100.8	36	601	0.26	601	213
1 Story	24.1	24.1	45.7	86	45	86.2	32	506	0.27	506	190
2 Stories	14.5	14.5	41.2	121	43	121.1	40	725	0.26	725	241
3 Stories	1.3	1.3	4.0	127	40	127.3	39	891	0.28	891	274
Split-Level	1.5	1.5	4.0	118	45	118.2	39	672	0.25	672	219
Other	Q	Q	Q	69	21	69.3	15	533	0.16	533	117
Mobile Homes	1.8	1.8	1.8	73	74	73.3	30	411	0.41	411	166
Number of Floors in Apartment Buildings											
1 or 2 Floors	4.3	0.4	3.7	418	50	43.6	19	2,642	0.32	276	122
3 or 4 Floors	2.7	0.2	2.2	696	64	52.7	27	4,547	0.42	344	179
5 to 10 Floors	1.8	(*)	1.3	1,360	39	28.4	15	11,018	0.32	230	119
11 to 20 Floors	0.5	(*)	0.5	4,954	35	35.2	25	39,742	0.28	283	199
More than 20 Floors	Q	Q	Q	13,072	111	64.1	27	87,761	0.75	430	179
Number of Units in Apartment Buildings											
2 to 4 Units	5.6	2.0	6.9	266	78	96.4	38	1,763	0.51	639	254
5 to 10 Units	3.4	0.5	3.2	379	59	54.3	25	2,406	0.38	345	156
11 to 20 Units	2.3	0.2	1.8	573	51	39.3	19	3,966	0.35	272	131
21 to 50 Units	2.0	0.1	1.7	1,153	45	37.1	16	8,259	0.32	265	117
51 Units or More	2.0	(*)	1.5	3,891	48	36.7	24	25,523	0.32	241	159
No Answer	Q	Q	Q	473 (6)	55	29.6	23	2,873 (6)	0.34	180	141
Not Applicable	43.3	43.3	96.8	100	44	99.6	36	593	0.26	593	211

(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 1.4 million 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.