

**Table AP1. Total Households Using Home Appliances and Lighting by Fuels Used, 2005**  
**Million U.S. Households**

	U.S. Households (millions)	Fuels Used (million U.S. households)				
		Electricity			Natural Gas	LPG
		Total	Refrigerators	Other Appliances and Lighting		
<b>Total.....</b>	111.1	111.1	111.0	111.1	45.1	6.3
<b>Census Region and Division</b>						
Northeast.....	20.6	20.6	20.6	20.6	10.5	1.4
New England.....	5.5	5.5	5.4	5.5	1.8	0.3
Middle Atlantic.....	15.1	15.1	15.1	15.1	8.8	1.1
Midwest.....	25.6	25.6	25.6	25.6	12.0	1.2
East North Central.....	17.7	17.7	17.7	17.7	9.0	0.8
West North Central.....	7.9	7.9	7.8	7.9	3.0	0.5
South.....	40.7	40.7	40.6	40.7	10.5	2.4
South Atlantic.....	21.7	21.7	21.7	21.7	4.7	1.0
East South Central.....	6.9	6.9	6.9	6.9	1.0	0.5
West South Central.....	12.1	12.1	12.1	12.1	4.7	0.9
West.....	24.2	24.2	24.2	24.2	12.1	1.2
Mountain.....	7.6	7.6	7.6	7.6	2.9	0.8
Pacific.....	16.6	16.6	16.6	16.6	9.2	0.4
<b>Four Most Populated States</b>						
New York.....	7.1	7.1	7.1	7.1	4.4	0.8
Florida.....	7.0	7.0	7.0	7.0	0.8	Q
Texas.....	8.0	8.0	7.9	8.0	3.2	0.4
California.....	12.1	12.1	12.1	12.1	8.4	0.3
All Other States.....	76.9	76.9	76.8	76.9	28.3	4.5
<b>Urban/Rural Location (as Self-Reported)</b>						
City.....	47.1	47.1	47.1	47.1	22.5	0.2
Town.....	19.0	19.0	19.0	19.0	8.3	0.5
Suburbs.....	22.7	22.7	22.6	22.7	10.8	0.7
Rural.....	22.3	22.3	22.3	22.3	3.6	4.9
<b>Climate Zone<sup>1</sup></b>						
Less than 2,000 CDD and--						
Greater than 7,000 HDD.....	10.9	10.9	10.9	10.9	3.6	1.4
5,500 to 7,000 HDD.....	26.1	26.1	26.1	26.1	12.5	1.3
4,000 to 5,499 HDD.....	27.3	27.3	27.3	27.3	11.3	1.1
Fewer than 4,000 HDD.....	24.0	24.0	23.9	24.0	11.3	1.4
2000 CDD or More and--						
Less than 4,000 HDD.....	22.8	22.8	22.8	22.8	6.4	1.2

**Table AP1. Total Households Using Home Appliances and Lighting by Fuels Used, 2005**  
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	U.S. Households (millions)	Fuels Used (million U.S. households)				
		Electricity			Natural Gas	LPG
		Total	Refrigerators	Other Appliances and Lighting		
<b>Type of Housing Unit</b>						
Single-Family Detached.....	72.1	72.1	71.9	72.1	29.8	4.8
Single-Family Attached.....	7.6	7.6	7.6	7.6	3.6	Q
Apartments in 2-4 Unit Buildings.....	7.8	7.8	7.8	7.8	4.0	Q
Apartments in 5 or More Unit Buildings.....	16.7	16.7	16.7	16.7	5.8	Q
Mobile Homes.....	6.9	6.9	6.9	6.9	1.9	1.3
<b>Ownership of Housing Unit</b>						
<b>Owned</b> .....	78.1	78.1	78.0	78.1	32.2	5.6
Single-Family Detached.....	64.1	64.1	64.0	64.1	26.5	4.4
Single-Family Attached.....	4.2	4.2	4.2	4.2	2.1	N
Apartments in 2-4 Unit Buildings.....	1.8	1.8	1.8	1.8	1.1	N
Apartments in 5 or More Unit Buildings.....	2.3	2.3	2.3	2.3	0.9	Q
Mobile Homes.....	5.7	5.7	5.7	5.7	1.5	1.2
<b>Rented</b> .....	33.0	33.0	33.0	33.0	13.0	0.7
Single-Family Detached.....	8.0	8.0	8.0	8.0	3.3	0.4
Single-Family Attached.....	3.4	3.4	3.4	3.4	1.5	Q
Apartments in 2-4 Unit Buildings.....	5.9	5.9	5.9	5.9	2.9	Q
Apartments in 5 or More Unit Buildings.....	14.4	14.4	14.4	14.4	4.9	Q
Mobile Homes.....	1.2	1.2	1.2	1.2	0.4	Q
<b>Year of Construction</b>						
Before 1940.....	14.7	14.7	14.7	14.7	7.8	0.9
1940 to 1949.....	7.4	7.4	7.4	7.4	4.5	0.4
1950 to 1959.....	12.5	12.5	12.5	12.5	6.5	0.5
1960 to 1969.....	12.5	12.5	12.5	12.5	5.5	0.6
1970 to 1979.....	18.9	18.9	18.9	18.9	6.1	1.0
1980 to 1989.....	18.6	18.6	18.6	18.6	6.0	1.0
1990 to 1999.....	17.3	17.3	17.3	17.3	5.7	1.1
2000 to 2005.....	9.2	9.2	9.2	9.2	3.1	0.7

**Table AP1. Total Households Using Home Appliances and Lighting by Fuels Used, 2005**  
**Million U.S. Households**

	U.S. Households (millions)	Fuels Used (million U.S. households)				
		Electricity			Natural Gas	LPG
		Total	Refrigerators	Other Appliances and Lighting		
<b>Total Floorspace (Square Feet)</b>						
Fewer than 500.....	3.2	3.2	3.2	3.2	1.3	Q
500 to 999.....	23.8	23.8	23.8	23.8	9.2	0.9
1,000 to 1,499.....	20.8	20.8	20.8	20.8	8.6	1.2
1,500 to 1,999.....	15.4	15.4	15.4	15.4	6.7	0.8
2,000 to 2,499.....	12.2	12.2	12.2	12.2	5.3	0.6
2,500 to 2,999.....	10.3	10.3	10.3	10.3	4.2	0.7
3,000 to 3,499.....	6.7	6.7	6.7	6.7	2.4	0.5
3,500 to 3,999.....	5.2	5.2	5.2	5.2	2.1	0.4
4,000 or More.....	13.3	13.3	13.3	13.3	5.4	1.0
<b>Household Size</b>						
1 Person.....	30.0	30.0	30.0	30.0	11.5	1.4
2 Persons.....	34.8	34.8	34.8	34.8	13.2	2.5
3 Persons.....	18.4	18.4	18.4	18.4	7.6	1.1
4 Persons.....	15.9	15.9	15.8	15.9	6.9	0.8
5 Persons.....	7.9	7.9	7.9	7.9	3.8	0.5
6 or More Persons.....	4.1	4.1	4.1	4.1	2.2	Q
<b>2005 Household Income Category</b>						
Less than \$10,000.....	9.9	9.9	9.8	9.9	4.2	0.5
\$10,000 to \$14,999.....	8.5	8.5	8.5	8.5	3.2	0.4
\$15,000 to \$19,999.....	8.4	8.4	8.4	8.4	3.0	0.5
\$20,000 to \$29,999.....	15.1	15.1	15.1	15.1	5.9	1.0
\$30,000 to \$39,999.....	13.6	13.6	13.6	13.6	4.7	0.8
\$40,000 to \$49,999.....	11.0	11.0	11.0	11.0	4.6	0.6
\$50,000 to \$74,999.....	19.8	19.8	19.8	19.8	8.1	1.1
\$75,000 to \$99,999.....	10.6	10.6	10.6	10.6	4.2	0.6
\$100,000 or More.....	14.2	14.2	14.2	14.2	7.1	0.9
<b>Income Relative to Poverty Line</b>						
Below 100 Percent.....	16.6	16.6	16.6	16.6	7.0	0.9
100 to 150 Percent.....	12.9	12.9	12.9	12.9	5.1	0.7
Above 150 Percent.....	81.5	81.5	81.5	81.5	33.0	4.7
<b>Eligible for Federal Assistance<sup>2</sup></b>						
Yes.....	38.6	38.6	38.5	38.6	15.6	2.0
No.....	72.5	72.5	72.5	72.5	29.5	4.2

**Table AP1. Total Households Using Home Appliances and Lighting by Fuels Used, 2005**  
**Million U.S. Households**

	U.S. Households (millions)	Fuels Used (million U.S. households)				
		Electricity			Natural Gas	LPG
		Total	Refrigerators	Other Appliances and Lighting		
<b>Payment Method for Utilities</b>						
All Paid by Household.....	97.5	97.5	97.4	97.5	38.5	5.8
Some Paid, Some in Rent.....	7.6	7.6	7.6	7.6	4.1	Q
All Included in Rent.....	4.7	4.7	4.7	4.7	2.0	Q
Other Method.....	1.3	1.3	1.3	1.3	0.6	Q
<b>Ethnic Origin of Householder</b>						
Hispanic Descent.....	14.8	14.8	14.8	14.8	7.7	0.9
Non-Hispanic Descent.....	96.3	96.3	96.1	96.3	37.4	5.4
<b>Race of Householder<sup>3</sup></b>						
White.....	79.1	79.1	79.1	79.1	29.0	5.2
Hispanic.....	5.0	5.0	5.0	5.0	2.3	0.4
Non-Hispanic.....	74.1	74.1	74.0	74.1	26.7	4.8
Black.....	13.4	13.4	13.4	13.4	6.3	0.5
Hispanic.....	0.3	0.3	0.3	0.3	Q	Q
Non-Hispanic.....	13.1	13.1	13.0	13.1	6.2	0.4
Asian.....	3.3	3.3	3.3	3.3	1.9	N
Multi-Racial.....	1.3	1.3	1.3	1.3	0.6	Q
Other.....	7.1	7.1	7.1	7.1	3.8	0.3
Undetermined (Race Reported as Hispanic).....	6.9	6.9	6.9	6.9	3.5	0.2
<b>Age of Householder</b>						
Under 25 Years.....	5.5	5.5	5.4	5.5	1.9	Q
25 to 34 Years.....	18.2	18.2	18.2	18.2	7.7	0.5
35 to 44 Years.....	22.2	22.2	22.2	22.2	9.7	0.9
45 to 54 Years.....	23.3	23.3	23.2	23.3	10.0	1.4
55 to 64 Years.....	18.0	18.0	17.9	18.0	7.3	1.7
65 to 74 Years.....	12.3	12.3	12.3	12.3	4.6	0.9
75 Years or More.....	11.7	11.7	11.7	11.7	3.9	0.7

**Table AP1. Total Households Using Home Appliances and Lighting by Fuels Used, 2005**  
**Million U.S. Households**

	U.S. Households (millions)	Fuels Used (million U.S. households)				
		Electricity			Natural Gas	LPG
		Total	Refrigerators	Other Appliances and Lighting		
<b>Adults Age 65 or Older in Household</b>						
Yes.....	26.9	26.9	26.9	26.9	10.1	1.6
No.....	84.2	84.2	84.1	84.2	35.1	4.7
<b>Children Under Age 5 in Household</b>						
Yes.....	15.0	15.0	15.0	15.0	6.8	0.8
No.....	96.1	96.1	96.0	96.1	38.3	5.5
<b>Children Age 5 to 16 in Household</b>						
Yes.....	28.1	28.1	28.1	28.1	12.4	1.5
No.....	83.0	83.0	82.9	83.0	32.7	4.8

1 One of five climatically distinct areas, determined according to the 30-year average (1971-2000) of the annual heating and cooling degree-days. A household is assigned to a climate zone according to the 30-year average annual degree-days for an appropriate nearby weather station.

2 Below 150 percent of poverty line or 60 percent of median state income.

3 Respondents were permitted to select more than one racial category to describe themselves. The "Other" category includes Native Americans, Native Alaskans, and Pacific Islanders.

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

N = No cases in the reporting sample.

(\*) Number less than 0.5, 0.05, or 0.005 depending on the number of significant digits in the column, rounded to zero.

Notes: • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 2005 Residential Energy Consumption Survey.

**Table AP2. Total Consumption for Home Appliances and Lighting by Fuels Used, 2005**  
**Physical Units**

	U.S. Households (millions)	Fuels Used (physical units)				
		Electricity (billion kWh)			Natural Gas (billion cf)	LPG (million gallons)
		Total	Refrigerators	Other Appliances and Lighting		
<b>Total.....</b>	111.1	813	151	662	416	578
<b>Census Region and Division</b>						
Northeast.....	20.6	130	26	104	98	187
New England.....	5.5	33	7	26	14	56
Middle Atlantic.....	15.1	97	19	77	84	131
Midwest.....	25.6	197	37	160	108	93
East North Central.....	17.7	134	26	109	87	52
West North Central.....	7.9	62	11	51	21	40
South.....	40.7	325	58	268	86	193
South Atlantic.....	21.7	170	31	140	39	92
East South Central.....	6.9	62	11	51	7	29
West South Central.....	12.1	93	16	77	39	72
West.....	24.2	161	30	131	125	106
Mountain.....	7.6	54	10	44	24	65
Pacific.....	16.6	107	20	86	102	41
<b>Four Most Populated States</b>						
New York.....	7.1	39	8	30	37	Q
Florida.....	7.0	51	9	42	10	Q
Texas.....	8.0	61	11	50	29	36
California.....	12.1	69	13	56	94	22
All Other States.....	76.9	594	109	484	247	369
<b>Urban/Rural Location (as Self-Reported)</b>						
City.....	47.1	288	55	233	196	20
Town.....	19.0	138	26	112	71	52
Suburbs.....	22.7	188	34	154	118	82
Rural.....	22.3	198	35	162	32	424
<b>Climate Zone<sup>1</sup></b>						
Less than 2,000 CDD and--						
Greater than 7,000 HDD.....	10.9	83	16	67	30	129
5,500 to 7,000 HDD.....	26.1	183	35	148	114	142
4,000 to 5,499 HDD.....	27.3	204	38	166	94	88
Fewer than 4,000 HDD.....	24.0	169	31	139	118	84
2000 CDD or More and--						
Less than 4,000 HDD.....	22.8	173	31	142	59	136

**Table AP2. Total Consumption for Home Appliances and Lighting by Fuels Used, 2005**  
**Physical Units**

	U.S. Households (millions)	Fuels Used (physical units)				
		Electricity (billion kWh)			Natural Gas (billion cf)	LPG (million gallons)
		Total	Refrigerators	Other Appliances and Lighting		
<b>Type of Housing Unit</b>						
Single-Family Detached.....	72.1	623	111	512	309	471
Single-Family Attached.....	7.6	47	9	38	28	Q
Apartments in 2-4 Unit Buildings.....	7.8	36	8	28	29	Q
Apartments in 5 or More Unit Buildings.....	16.7	61	15	46	38	Q
Mobile Homes.....	6.9	46	9	37	12	97
<b>Ownership of Housing Unit</b>						
<b>Owned</b> .....	78.1	647	117	529	326	514
Single-Family Detached.....	64.1	563	101	462	282	424
Single-Family Attached.....	4.2	26	5	21	18	N
Apartments in 2-4 Unit Buildings.....	1.8	10	2	7	10	N
Apartments in 5 or More Unit Buildings.....	2.3	9	2	7	6	Q
Mobile Homes.....	5.7	39	7	32	9	88
<b>Rented</b> .....	33.0	166	34	133	91	64
Single-Family Detached.....	8.0	59	10	50	28	Q
Single-Family Attached.....	3.4	21	4	17	10	Q
Apartments in 2-4 Unit Buildings.....	5.9	26	6	21	19	Q
Apartments in 5 or More Unit Buildings.....	14.4	52	13	40	31	Q
Mobile Homes.....	1.2	7	1	6	3	Q
<b>Year of Construction</b>						
Before 1940.....	14.7	98	19	79	62	77
1940 to 1949.....	7.4	46	9	37	45	34
1950 to 1959.....	12.5	80	16	65	55	47
1960 to 1969.....	12.5	89	17	72	50	68
1970 to 1979.....	18.9	134	25	109	51	96
1980 to 1989.....	18.6	139	25	113	51	98
1990 to 1999.....	17.3	152	27	125	60	86
2000 to 2005.....	9.2	75	12	63	42	73

**Table AP2. Total Consumption for Home Appliances and Lighting by Fuels Used, 2005**  
**Physical Units**

	U.S. Households (millions)	Fuels Used (physical units)				
		Electricity (billion kWh)			Natural Gas (billion cf)	LPG (million gallons)
		Total	Refrigerators	Other Appliances and Lighting		
<b>Total Floorspace (Square Feet)</b>						
Fewer than 500.....	3.2	11	3	8	8	Q
500 to 999.....	23.8	105	23	82	59	62
1,000 to 1,499.....	20.8	131	24	107	70	87
1,500 to 1,999.....	15.4	119	22	97	62	55
2,000 to 2,499.....	12.2	100	17	82	48	78
2,500 to 2,999.....	10.3	89	16	73	47	66
3,000 to 3,499.....	6.7	59	11	48	25	39
3,500 to 3,999.....	5.2	50	9	41	22	37
4,000 or More.....	13.3	149	25	123	75	138
<b>Household Size</b>						
1 Person.....	30.0	139	35	104	70	68
2 Persons.....	34.8	258	50	208	119	221
3 Persons.....	18.4	155	27	128	78	118
4 Persons.....	15.9	144	22	122	71	104
5 Persons.....	7.9	76	11	64	46	57
6 or More Persons.....	4.1	42	6	36	32	Q
<b>2005 Household Income Category</b>						
Less than \$10,000.....	9.9	46	11	35	28	27
\$10,000 to \$14,999.....	8.5	45	10	35	21	38
\$15,000 to \$19,999.....	8.4	47	10	38	21	34
\$20,000 to \$29,999.....	15.1	93	18	75	49	66
\$30,000 to \$39,999.....	13.6	95	18	77	35	56
\$40,000 to \$49,999.....	11.0	81	15	67	40	60
\$50,000 to \$74,999.....	19.8	160	28	132	78	88
\$75,000 to \$99,999.....	10.6	94	16	78	45	74
\$100,000 or More.....	14.2	151	26	125	100	136
<b>Income Relative to Poverty Line</b>						
Below 100 Percent.....	16.6	91	18	72	52	71
100 to 150 Percent.....	12.9	80	15	64	39	59
Above 150 Percent.....	81.5	642	117	525	325	448
<b>Eligible for Federal Assistance<sup>2</sup></b>						
Yes.....	38.6	228	45	183	119	159
No.....	72.5	585	106	479	297	419



**Table AP2. Total Consumption for Home Appliances and Lighting by Fuels Used, 2005**  
**Physical Units**

	U.S. Households (millions)	Fuels Used (physical units)				
		Electricity (billion kWh)			Natural Gas (billion cf)	LPG (million gallons)
		Total	Refrigerators	Other Appliances and Lighting		
<b>Payment Method for Utilities</b>						
All Paid by Household.....	97.5	750	136	614	371	542
Some Paid, Some in Rent.....	7.6	32	8	24	28	Q
All Included in Rent.....	4.7	20	5	15	13	Q
Other Method.....	1.3	10	2	8	4	Q
<b>Ethnic Origin of Householder</b>						
Hispanic Descent.....	14.8	86	17	69	69	80
Non-Hispanic Descent.....	96.3	727	134	593	347	499
<b>Race of Householder<sup>3</sup></b>						
White.....	79.1	613	113	500	270	478
Hispanic.....	5.0	29	6	24	20	35
Non-Hispanic.....	74.1	583	107	476	250	444
Black.....	13.4	87	16	71	55	40
Hispanic.....	0.3	2	(*)	2	Q	Q
Non-Hispanic.....	13.1	85	15	69	54	36
Asian.....	3.3	18	4	14	21	N
Multi-Racial.....	1.3	10	2	8	6	Q
Other.....	7.1	47	9	38	32	26
Undetermined (Race Reported as Hispanic).....	6.9	40	8	32	32	Q
<b>Age of Householder</b>						
Under 25 Years.....	5.5	28	6	22	12	Q
25 to 34 Years.....	18.2	122	21	102	68	49
35 to 44 Years.....	22.2	184	31	153	106	75
45 to 54 Years.....	23.3	197	35	163	100	166
55 to 64 Years.....	18.0	134	25	109	66	152
65 to 74 Years.....	12.3	84	17	67	36	59
75 Years or More.....	11.7	63	16	47	27	64

**Table AP2. Total Consumption for Home Appliances and Lighting by Fuels Used, 2005**  
**Physical Units**

	U.S. Households (millions)	Fuels Used (physical units)				
		Electricity (billion kWh)			Natural Gas (billion cf)	LPG (million gallons)
		Total	Refrigerators	Other Appliances and Lighting		
<b>Adults Age 65 or Older in Household</b>						
Yes.....	26.9	175	38	136	84	123
No.....	84.2	638	112	526	333	455
<b>Children Under Age 5 in Household</b>						
Yes.....	15.0	124	20	105	75	91
No.....	96.1	689	131	557	342	487
<b>Children Age 5 to 16 in Household</b>						
Yes.....	28.1	257	39	218	143	216
No.....	83.0	555	111	444	273	363

1 One of five climatically distinct areas, determined according to the 30-year average (1971-2000) of the annual heating and cooling degree-days. A household is assigned to a climate zone according to the 30-year average annual degree-days for an appropriate nearby weather station.

2 Below 150 percent of poverty line or 60 percent of median state income.

3 Respondents were permitted to select more than one racial category to describe themselves. The "Other" category includes Native Americans, Native Alaskans, and Pacific Islanders.

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

N = No cases in the reporting sample.

(\*) Number less than 0.5, 0.05, or 0.005 depending on the number of significant digits in the column, rounded to zero.

Notes: • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 2005 Residential Energy Consumption Survey.

**Table AP3. Total Consumption for Home Appliances and Lighting by Fuels Used, 2005**  
**Quadrillion British Thermal Units (Btu)**

	U.S. Households (millions)	Fuels Used (quadrillion Btu)					
		Any Fuel	Electricity			Natural Gas	LPG
			Total	Refrigerators	Other Appliances and Lighting		
<b>Total</b> .....	111.1	3.25	2.77	0.51	2.26	0.43	0.05
<b>Census Region and Division</b>							
Northeast.....	20.6	0.56	0.44	0.09	0.35	0.10	0.02
New England.....	5.5	0.13	0.11	0.02	0.09	0.01	0.01
Middle Atlantic.....	15.1	0.43	0.33	0.07	0.26	0.09	0.01
Midwest.....	25.6	0.79	0.67	0.13	0.54	0.11	0.01
East North Central.....	17.7	0.55	0.46	0.09	0.37	0.09	(*)
West North Central.....	7.9	0.24	0.21	0.04	0.17	0.02	(*)
South.....	40.7	1.22	1.11	0.20	0.91	0.09	0.02
South Atlantic.....	21.7	0.63	0.58	0.10	0.48	0.04	0.01
East South Central.....	6.9	0.22	0.21	0.04	0.17	0.01	(*)
West South Central.....	12.1	0.36	0.32	0.06	0.26	0.04	0.01
West.....	24.2	0.69	0.55	0.10	0.45	0.13	0.01
Mountain.....	7.6	0.22	0.18	0.03	0.15	0.02	0.01
Pacific.....	16.6	0.47	0.36	0.07	0.29	0.10	(*)
<b>Four Most Populated States</b>							
New York.....	7.1	0.18	0.13	0.03	0.10	0.04	Q
Florida.....	7.0	0.19	0.17	0.03	0.14	0.01	Q
Texas.....	8.0	0.24	0.21	0.04	0.17	0.03	(*)
California.....	12.1	0.33	0.23	0.04	0.19	0.10	(*)
All Other States.....	76.9	2.31	2.03	0.37	1.65	0.25	0.03
<b>Urban/Rural Location (as Self-Reported)</b>							
City.....	47.1	1.19	0.98	0.19	0.80	0.20	(*)
Town.....	19.0	0.55	0.47	0.09	0.38	0.07	(*)
Suburbs.....	22.7	0.77	0.64	0.12	0.53	0.12	0.01
Rural.....	22.3	0.75	0.67	0.12	0.55	0.03	0.04
<b>Climate Zone<sup>1</sup></b>							
Less than 2,000 CDD and--							
Greater than 7,000 HDD.....	10.9	0.33	0.28	0.05	0.23	0.03	0.01
5,500 to 7,000 HDD.....	26.1	0.75	0.62	0.12	0.50	0.12	0.01
4,000 to 5,499 HDD.....	27.3	0.80	0.70	0.13	0.57	0.10	0.01
Fewer than 4,000 HDD.....	24.0	0.71	0.58	0.11	0.47	0.12	0.01
2000 CDD or More and--							
Less than 4,000 HDD.....	22.8	0.66	0.59	0.11	0.49	0.06	0.01

**Table AP3. Total Consumption for Home Appliances and Lighting by Fuels Used, 2005**  
**Quadrillion British Thermal Units (Btu)**

	U.S. Households (millions)	Fuels Used (quadrillion Btu)					
		Any Fuel	Electricity			Natural Gas	LPG
			Total	Refrigerators	Other Appliances and Lighting		
<b>Type of Housing Unit</b>							
Single-Family Detached.....	72.1	2.49	2.12	0.38	1.75	0.32	0.04
Single-Family Attached.....	7.6	0.19	0.16	0.03	0.13	0.03	Q
Apartments in 2-4 Unit Buildings.....	7.8	0.15	0.12	0.03	0.10	0.03	Q
Apartments in 5 or More Unit Buildings.....	16.7	0.25	0.21	0.05	0.16	0.04	Q
Mobile Homes.....	6.9	0.18	0.16	0.03	0.13	0.01	0.01
<b>Ownership of Housing Unit</b>							
<b>Owned</b> .....	78.1	2.59	2.21	0.40	1.81	0.33	0.05
Single-Family Detached.....	64.1	2.25	1.92	0.34	1.58	0.29	0.04
Single-Family Attached.....	4.2	0.11	0.09	0.02	0.07	0.02	N
Apartments in 2-4 Unit Buildings.....	1.8	0.04	0.03	0.01	0.03	0.01	N
Apartments in 5 or More Unit Buildings.....	2.3	0.04	0.03	0.01	0.02	0.01	Q
Mobile Homes.....	5.7	0.15	0.13	0.02	0.11	0.01	0.01
<b>Rented</b> .....	33.0	0.67	0.57	0.12	0.45	0.09	0.01
Single-Family Detached.....	8.0	0.24	0.20	0.03	0.17	0.03	Q
Single-Family Attached.....	3.4	0.08	0.07	0.01	0.06	0.01	Q
Apartments in 2-4 Unit Buildings.....	5.9	0.11	0.09	0.02	0.07	0.02	Q
Apartments in 5 or More Unit Buildings.....	14.4	0.21	0.18	0.04	0.13	0.03	Q
Mobile Homes.....	1.2	0.03	0.02	(*)	0.02	(*)	Q
<b>Year of Construction</b>							
Before 1940.....	14.7	0.40	0.33	0.07	0.27	0.06	0.01
1940 to 1949.....	7.4	0.21	0.16	0.03	0.13	0.05	(*)
1950 to 1959.....	12.5	0.34	0.27	0.05	0.22	0.06	(*)
1960 to 1969.....	12.5	0.36	0.30	0.06	0.24	0.05	0.01
1970 to 1979.....	18.9	0.52	0.46	0.09	0.37	0.05	0.01
1980 to 1989.....	18.6	0.53	0.47	0.09	0.39	0.05	0.01
1990 to 1999.....	17.3	0.59	0.52	0.09	0.43	0.06	0.01
2000 to 2005.....	9.2	0.30	0.25	0.04	0.21	0.04	0.01

**Table AP3. Total Consumption for Home Appliances and Lighting by Fuels Used, 2005**  
**Quadrillion British Thermal Units (Btu)**

	U.S. Households (millions)	Fuels Used (quadrillion Btu)						
		Any Fuel	Electricity			Natural Gas	LPG	
			Total	Refrigerators	Other Appliances and Lighting			
<b>Total Floorspace (Square Feet)</b>								
Fewer than 500.....	3.2	0.05	0.04	0.01	0.03	0.01	Q	
500 to 999.....	23.8	0.42	0.36	0.08	0.28	0.06	0.01	
1,000 to 1,499.....	20.8	0.53	0.45	0.08	0.37	0.07	0.01	
1,500 to 1,999.....	15.4	0.48	0.41	0.08	0.33	0.06	0.01	
2,000 to 2,499.....	12.2	0.40	0.34	0.06	0.28	0.05	0.01	
2,500 to 2,999.....	10.3	0.36	0.30	0.05	0.25	0.05	0.01	
3,000 to 3,499.....	6.7	0.23	0.20	0.04	0.16	0.03	(*)	
3,500 to 3,999.....	5.2	0.20	0.17	0.03	0.14	0.02	(*)	
4,000 or More.....	13.3	0.60	0.51	0.09	0.42	0.08	0.01	
<b>Household Size</b>								
1 Person.....	30.0	0.55	0.47	0.12	0.35	0.07	0.01	
2 Persons.....	34.8	1.02	0.88	0.17	0.71	0.12	0.02	
3 Persons.....	18.4	0.62	0.53	0.09	0.44	0.08	0.01	
4 Persons.....	15.9	0.57	0.49	0.08	0.41	0.07	0.01	
5 Persons.....	7.9	0.31	0.26	0.04	0.22	0.05	0.01	
6 or More Persons.....	4.1	0.18	0.14	0.02	0.12	0.03	Q	
<b>2005 Household Income Category</b>								
Less than \$10,000.....	9.9	0.19	0.16	0.04	0.12	0.03	(*)	
\$10,000 to \$14,999.....	8.5	0.18	0.15	0.03	0.12	0.02	(*)	
\$15,000 to \$19,999.....	8.4	0.19	0.16	0.03	0.13	0.02	(*)	
\$20,000 to \$29,999.....	15.1	0.37	0.32	0.06	0.26	0.05	0.01	
\$30,000 to \$39,999.....	13.6	0.37	0.32	0.06	0.26	0.04	0.01	
\$40,000 to \$49,999.....	11.0	0.32	0.28	0.05	0.23	0.04	0.01	
\$50,000 to \$74,999.....	19.8	0.64	0.55	0.10	0.45	0.08	0.01	
\$75,000 to \$99,999.....	10.6	0.38	0.32	0.05	0.27	0.05	0.01	
\$100,000 or More.....	14.2	0.63	0.51	0.09	0.43	0.10	0.01	
<b>Income Relative to Poverty Line</b>								
Below 100 Percent.....	16.6	0.37	0.31	0.06	0.25	0.05	0.01	
100 to 150 Percent.....	12.9	0.32	0.27	0.05	0.22	0.04	0.01	
Above 150 Percent.....	81.5	2.57	2.19	0.40	1.79	0.33	0.04	
<b>Eligible for Federal Assistance<sup>2</sup></b>								
Yes.....	38.6	0.91	0.78	0.15	0.62	0.12	0.01	
No.....	72.5	2.34	2.00	0.36	1.63	0.31	0.04	

**Table AP3. Total Consumption for Home Appliances and Lighting by Fuels Used, 2005**  
**Quadrillion British Thermal Units (Btu)**

	U.S. Households (millions)	Fuels Used (quadrillion Btu)					
		Any Fuel	Electricity			Natural Gas	LPG
			Total	Refrigerators	Other Appliances and Lighting		
<b>Payment Method for Utilities</b>							
All Paid by Household.....	97.5	2.99	2.56	0.47	2.09	0.38	0.05
Some Paid, Some in Rent.....	7.6	0.14	0.11	0.03	0.08	0.03	Q
All Included in Rent.....	4.7	0.08	0.07	0.02	0.05	0.01	Q
Other Method.....	1.3	0.04	0.04	0.01	0.03	(*)	Q
<b>Ethnic Origin of Householder</b>							
Hispanic Descent.....	14.8	0.37	0.29	0.06	0.24	0.07	0.01
Non-Hispanic Descent.....	96.3	2.88	2.48	0.46	2.02	0.36	0.05
<b>Race of Householder<sup>3</sup></b>							
White.....	79.1	2.41	2.09	0.39	1.71	0.28	0.04
Hispanic.....	5.0	0.12	0.10	0.02	0.08	0.02	(*)
Non-Hispanic.....	74.1	2.29	1.99	0.37	1.62	0.26	0.04
Black.....	13.4	0.36	0.30	0.05	0.24	0.06	(*)
Hispanic.....	0.3	0.01	0.01	(*)	0.01	Q	Q
Non-Hispanic.....	13.1	0.35	0.29	0.05	0.24	0.06	(*)
Asian.....	3.3	0.08	0.06	0.01	0.05	0.02	N
Multi-Racial.....	1.3	0.04	0.03	0.01	0.03	0.01	Q
Other.....	7.1	0.19	0.16	0.03	0.13	0.03	(*)
Undetermined (Race Reported as Hispanic).....	6.9	0.17	0.14	0.03	0.11	0.03	Q
<b>Age of Householder</b>							
Under 25 Years.....	5.5	0.11	0.10	0.02	0.08	0.01	Q
25 to 34 Years.....	18.2	0.49	0.42	0.07	0.35	0.07	(*)
35 to 44 Years.....	22.2	0.75	0.63	0.11	0.52	0.11	0.01
45 to 54 Years.....	23.3	0.79	0.67	0.12	0.55	0.10	0.02
55 to 64 Years.....	18.0	0.54	0.46	0.09	0.37	0.07	0.01
65 to 74 Years.....	12.3	0.33	0.29	0.06	0.23	0.04	0.01
75 Years or More.....	11.7	0.25	0.21	0.06	0.16	0.03	0.01

**Table AP3. Total Consumption for Home Appliances and Lighting by Fuels Used, 2005**  
**Quadrillion British Thermal Units (Btu)**

	U.S. Households (millions)	Fuels Used (quadrillion Btu)					
		Any Fuel	Electricity			Natural Gas	LPG
			Total	Refrigerators	Other Appliances and Lighting		
<b>Adults Age 65 or Older in Household</b>							
Yes.....	26.9	0.69	0.60	0.13	0.47	0.09	0.01
No.....	84.2	2.56	2.18	0.38	1.79	0.34	0.04
<b>Children Under Age 5 in Household</b>							
Yes.....	15.0	0.51	0.42	0.07	0.36	0.08	0.01
No.....	96.1	2.75	2.35	0.45	1.90	0.35	0.04
<b>Children Age 5 to 16 in Household</b>							
Yes.....	28.1	1.04	0.88	0.13	0.74	0.15	0.02
No.....	83.0	2.21	1.90	0.38	1.52	0.28	0.03

1 One of five climatically distinct areas, determined according to the 30-year average (1971-2000) of the annual heating and cooling degree-days. A household is assigned to a climate zone according to the 30-year average annual degree-days for an appropriate nearby weather station.

2 Below 150 percent of poverty line or 60 percent of median state income.

3 Respondents were permitted to select more than one racial category to describe themselves. The "Other" category includes Native Americans, Native Alaskans, and Pacific Islanders.

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

N = No cases in the reporting sample.

(\*) Number less than 0.5, 0.05, or 0.005 depending on the number of significant digits in the column, rounded to zero.

Notes: • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 2005 Residential Energy Consumption Survey.

**Table AP4. Total Expenditures for Home Appliances and Lighting by Fuels Used, 2005**  
**Billion Dollars**

	U.S. Households (millions)	Fuels Used (billion Dollars)					
		Any Fuel	Electricity			Natural Gas	LPG
			Total	Refrigerators	Other Appliances and Lighting		
<b>Total</b> .....	111.1	87.09	80.92	15.23	65.69	4.80	1.37
<b>Census Region and Division</b>							
Northeast.....	20.6	18.69	16.98	3.47	13.51	1.29	0.43
New England.....	5.5	4.69	4.38	0.88	3.50	0.19	0.12
Middle Atlantic.....	15.1	14.00	12.60	2.59	10.01	1.10	Q
Midwest.....	25.6	18.53	17.25	3.27	13.98	1.11	0.17
East North Central.....	17.7	12.97	11.99	2.31	9.68	0.87	0.11
West North Central.....	7.9	5.56	5.25	0.96	4.29	0.24	0.06
South.....	40.7	31.13	29.66	5.28	24.37	0.98	0.49
South Atlantic.....	21.7	16.18	15.50	2.79	12.71	0.45	0.23
East South Central.....	6.9	4.81	4.65	0.80	3.85	0.09	0.07
West South Central.....	12.1	10.13	9.50	1.69	7.81	0.44	0.19
West.....	24.2	18.74	17.04	3.21	13.83	1.41	0.28
Mountain.....	7.6	5.54	5.09	0.93	4.15	0.28	0.17
Pacific.....	16.6	13.20	11.95	2.27	9.68	1.14	0.11
<b>Four Most Populated States</b>							
New York.....	7.1	6.91	6.09	1.36	4.73	0.56	Q
Florida.....	7.0	5.29	5.08	0.90	4.17	0.09	Q
Texas.....	8.0	7.27	6.83	1.24	5.60	0.34	0.10
California.....	12.1	9.94	8.83	1.67	7.16	1.06	0.04
All Other States.....	76.9	57.68	54.09	10.06	44.03	2.74	0.84
<b>Urban/Rural Location (as Self-Reported)</b>							
City.....	47.1	32.09	29.71	5.85	23.86	2.32	0.07
Town.....	19.0	14.78	13.85	2.64	11.21	0.80	0.14
Suburbs.....	22.7	20.64	19.11	3.47	15.64	1.32	0.20
Rural.....	22.3	19.57	18.25	3.27	14.98	0.36	0.96
<b>Climate Zone<sup>1</sup></b>							
Less than 2,000 CDD and--							
Greater than 7,000 HDD.....	10.9	8.93	8.35	1.59	6.76	0.31	Q
5,500 to 7,000 HDD.....	26.1	19.55	17.98	3.51	14.47	1.26	0.32
4,000 to 5,499 HDD.....	27.3	20.97	19.56	3.77	15.79	1.18	0.22
Fewer than 4,000 HDD.....	24.0	19.15	17.61	3.23	14.38	1.36	0.19
2000 CDD or More and--							
Less than 4,000 HDD.....	22.8	18.48	17.43	3.14	14.29	0.69	0.37



**Table AP4. Total Expenditures for Home Appliances and Lighting by Fuels Used, 2005**  
**Billion Dollars**

	U.S. Households (millions)	Fuels Used (billion Dollars)					
		Any Fuel	Electricity			Natural Gas	LPG
			Total	Refrigerators	Other Appliances and Lighting		
<b>Type of Housing Unit</b>							
Single-Family Detached.....	72.1	65.73	61.11	10.91	50.20	3.51	1.10
Single-Family Attached.....	7.6	5.12	4.80	0.93	3.87	0.32	Q
Apartments in 2-4 Unit Buildings.....	7.8	4.55	4.17	0.94	3.23	0.37	Q
Apartments in 5 or More Unit Buildings.....	16.7	7.15	6.68	1.67	5.01	0.46	Q
Mobile Homes.....	6.9	4.54	4.16	0.79	3.37	0.13	0.25
<b>Ownership of Housing Unit</b>							
<b>Owned</b> .....	78.1	68.78	63.81	11.64	52.17	3.72	1.24
Single-Family Detached.....	64.1	59.53	55.32	9.94	45.38	3.20	1.01
Single-Family Attached.....	4.2	2.94	2.73	0.53	2.20	0.21	N
Apartments in 2-4 Unit Buildings.....	1.8	1.42	1.28	0.30	0.98	0.14	N
Apartments in 5 or More Unit Buildings.....	2.3	1.08	1.01	0.22	0.78	0.07	Q
Mobile Homes.....	5.7	3.81	3.48	0.65	2.83	0.11	0.23
<b>Rented</b> .....	33.0	18.31	17.11	3.59	13.52	1.08	0.13
Single-Family Detached.....	8.0	6.20	5.79	0.97	4.82	0.32	Q
Single-Family Attached.....	3.4	2.18	2.07	0.39	1.67	0.11	Q
Apartments in 2-4 Unit Buildings.....	5.9	3.13	2.90	0.64	2.25	0.23	Q
Apartments in 5 or More Unit Buildings.....	14.4	6.07	5.67	1.44	4.23	0.39	Q
Mobile Homes.....	1.2	0.72	0.68	0.14	0.54	0.03	Q
<b>Year of Construction</b>							
Before 1940.....	14.7	11.17	10.25	2.07	8.17	0.76	0.17
1940 to 1949.....	7.4	5.44	4.82	0.96	3.87	0.54	Q
1950 to 1959.....	12.5	9.08	8.31	1.65	6.66	0.65	0.12
1960 to 1969.....	12.5	9.77	9.01	1.73	7.28	0.59	0.16
1970 to 1979.....	18.9	13.98	13.18	2.50	10.68	0.56	0.23
1980 to 1989.....	18.6	14.52	13.72	2.51	11.21	0.57	0.24
1990 to 1999.....	17.3	15.28	14.42	2.64	11.78	0.66	0.20
2000 to 2005.....	9.2	7.84	7.21	1.18	6.03	0.47	0.17

**Table AP4. Total Expenditures for Home Appliances and Lighting by Fuels Used, 2005**  
**Billion Dollars**

	U.S. Households (millions)	Fuels Used (billion Dollars)					
		Any Fuel	Electricity			Natural Gas	LPG
			Total	Refrigerators	Other Appliances and Lighting		
<b>Total Floorspace (Square Feet)</b>							
Fewer than 500.....	3.2	1.38	1.25	0.35	0.89	0.09	Q
500 to 999.....	23.8	11.91	11.02	2.52	8.50	0.70	0.19
1,000 to 1,499.....	20.8	14.02	13.01	2.47	10.54	0.83	0.18
1,500 to 1,999.....	15.4	12.52	11.71	2.18	9.53	0.71	0.11
2,000 to 2,499.....	12.2	10.56	9.85	1.74	8.10	0.55	0.16
2,500 to 2,999.....	10.3	9.80	9.05	1.60	7.45	0.54	0.20
3,000 to 3,499.....	6.7	6.23	5.84	1.05	4.80	0.29	0.10
3,500 to 3,999.....	5.2	5.10	4.81	0.88	3.93	0.25	0.05
4,000 or More.....	13.3	15.56	14.39	2.44	11.94	0.84	0.33
<b>Household Size</b>							
1 Person.....	30.0	14.90	13.92	3.55	10.37	0.80	0.17
2 Persons.....	34.8	27.28	25.35	4.97	20.38	1.37	0.55
3 Persons.....	18.4	16.38	15.23	2.65	12.58	0.92	0.23
4 Persons.....	15.9	15.44	14.40	2.27	12.13	0.80	0.24
5 Persons.....	7.9	8.41	7.73	1.17	6.56	0.54	0.14
6 or More Persons.....	4.1	4.68	4.28	0.62	3.67	0.37	Q
<b>2005 Household Income Category</b>							
Less than \$10,000.....	9.9	5.03	4.64	1.09	3.54	0.32	0.07
\$10,000 to \$14,999.....	8.5	4.78	4.40	0.99	3.41	0.24	0.14
\$15,000 to \$19,999.....	8.4	4.75	4.42	0.96	3.47	0.25	0.08
\$20,000 to \$29,999.....	15.1	9.94	9.22	1.84	7.38	0.55	0.17
\$30,000 to \$39,999.....	13.6	9.67	9.11	1.76	7.35	0.43	0.13
\$40,000 to \$49,999.....	11.0	8.60	7.97	1.45	6.52	0.49	0.14
\$50,000 to \$74,999.....	19.8	17.16	16.08	2.88	13.20	0.85	0.24
\$75,000 to \$99,999.....	10.6	10.30	9.62	1.64	7.98	0.55	0.14
\$100,000 or More.....	14.2	16.85	15.47	2.63	12.85	1.11	0.27
<b>Income Relative to Poverty Line</b>							
Below 100 Percent.....	16.6	9.87	9.04	1.88	7.16	0.63	0.20
100 to 150 Percent.....	12.9	8.37	7.76	1.53	6.23	0.44	0.16
Above 150 Percent.....	81.5	68.84	64.12	11.82	52.30	3.73	1.00
<b>Eligible for Federal Assistance<sup>2</sup></b>							
Yes.....	38.6	24.51	22.65	4.59	18.06	1.40	0.46
No.....	72.5	62.58	58.27	10.64	47.62	3.40	0.91

**Table AP4. Total Expenditures for Home Appliances and Lighting by Fuels Used, 2005**  
**Billion Dollars**

	U.S. Households (millions)	Fuels Used (billion Dollars)					
		Any Fuel	Electricity			Natural Gas	LPG
			Total	Refrigerators	Other Appliances and Lighting		
<b>Payment Method for Utilities</b>							
All Paid by Household.....	97.5	79.58	74.01	13.57	60.44	4.27	1.30
Some Paid, Some in Rent.....	7.6	4.15	3.74	0.94	2.80	0.36	Q
All Included in Rent.....	4.7	2.28	2.15	0.52	1.64	0.11	Q
Other Method.....	1.3	1.07	1.01	0.20	0.81	0.05	Q
<b>Ethnic Origin of Householder</b>							
Hispanic Descent.....	14.8	10.72	9.64	1.92	7.72	0.85	0.24
Non-Hispanic Descent.....	96.3	76.37	71.29	13.32	57.97	3.95	1.13
<b>Race of Householder<sup>3</sup></b>							
White.....	79.1	63.87	59.70	11.12	48.58	3.08	1.09
Hispanic.....	5.0	3.49	3.14	0.62	2.53	0.24	0.10
Non-Hispanic.....	74.1	60.38	56.56	10.50	46.05	2.84	0.99
Black.....	13.4	9.47	8.72	1.64	7.08	0.64	0.11
Hispanic.....	0.3	0.24	0.22	0.05	0.17	Q	Q
Non-Hispanic.....	13.1	9.23	8.50	1.59	6.91	0.63	0.10
Asian.....	3.3	2.33	2.09	0.44	1.65	0.24	N
Multi-Racial.....	1.3	1.01	0.92	0.17	0.76	0.06	Q
Other.....	7.1	5.40	4.98	0.97	4.01	0.37	0.05
Undetermined (Race Reported as Hispanic).....	6.9	5.06	4.56	0.90	3.65	0.40	Q
<b>Age of Householder</b>							
Under 25 Years.....	5.5	3.00	2.81	0.58	2.23	0.15	Q
25 to 34 Years.....	18.2	12.99	12.09	2.08	10.01	0.78	0.11
35 to 44 Years.....	22.2	19.80	18.43	3.17	15.25	1.21	0.16
45 to 54 Years.....	23.3	21.02	19.51	3.46	16.06	1.15	0.36
55 to 64 Years.....	18.0	14.48	13.34	2.55	10.79	0.79	0.35
65 to 74 Years.....	12.3	9.03	8.46	1.74	6.72	0.41	0.16
75 Years or More.....	11.7	6.77	6.28	1.65	4.63	0.31	0.19

**Table AP4. Total Expenditures for Home Appliances and Lighting by Fuels Used, 2005**  
**Billion Dollars**

	U.S. Households (millions)	Fuels Used (billion Dollars)					
		Any Fuel	Electricity			Natural Gas	LPG
			Total	Refrigerators	Other Appliances and Lighting		
<b>Adults Age 65 or Older in Household</b>							
Yes.....	26.9	18.86	17.56	3.89	13.66	0.96	0.34
No.....	84.2	68.23	63.36	11.34	52.03	3.84	1.02
<b>Children Under Age 5 in Household</b>							
Yes.....	15.0	13.63	12.56	2.00	10.56	0.85	0.22
No.....	96.1	73.45	68.36	13.23	55.13	3.94	1.14
<b>Children Age 5 to 16 in Household</b>							
Yes.....	28.1	27.63	25.56	3.99	21.57	1.65	0.42
No.....	83.0	59.45	55.36	11.24	44.12	3.14	0.95

1 One of five climatically distinct areas, determined according to the 30-year average (1971-2000) of the annual heating and cooling degree-days. A household is assigned to a climate zone according to the 30-year average annual degree-days for an appropriate nearby weather station.

2 Below 150 percent of poverty line or 60 percent of median state income.

3 Respondents were permitted to select more than one racial category to describe themselves. The "Other" category includes Native Americans, Native Alaskans, and Pacific Islanders.

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

N = No cases in the reporting sample.

(\*) Number less than 0.5, 0.05, or 0.005 depending on the number of significant digits in the column, rounded to zero.

Notes: • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 2005 Residential Energy Consumption Survey.

**Table AP5. Average Consumption for Home Appliances and Lighting by Fuels Used, 2005**  
**Physical Units per Household**

	U.S. Households (millions)	Fuels Used (physical units of consumption per household using the appliance)				
		Electricity (kWh)			Natural Gas (thousand cf)	LPG (gallons)
		Total	Refrigerators	Other Appliances and Lighting		
<b>Total.....</b>	111.1	7,317	1,359	5,959	9	92
<b>Census Region and Division</b>						
Northeast.....	20.6	6,309	1,259	5,051	9	133
New England.....	5.5	6,052	1,208	4,847	8	164
Middle Atlantic.....	15.1	6,402	1,277	5,125	10	123
Midwest.....	25.6	7,679	1,446	6,234	9	74
East North Central.....	17.7	7,560	1,440	6,120	10	69
West North Central.....	7.9	7,948	1,461	6,491	7	83
South.....	40.7	7,994	1,420	6,577	8	81
South Atlantic.....	21.7	7,858	1,418	6,442	8	93
East South Central.....	6.9	8,979	1,541	7,438	7	64
West South Central.....	12.1	7,678	1,354	6,328	8	77
West.....	24.2	6,650	1,251	5,399	10	86
Mountain.....	7.6	7,174	1,314	5,860	8	81
Pacific.....	16.6	6,412	1,222	5,190	11	95
<b>Four Most Populated States</b>						
New York.....	7.1	5,429	1,176	4,253	8	125
Florida.....	7.0	7,176	1,282	5,894	12	Q
Texas.....	8.0	7,687	1,387	6,305	9	85
California.....	12.1	5,670	1,082	4,588	11	79
All Other States.....	76.9	7,725	1,424	6,302	9	82
<b>Urban/Rural Location (as Self-Reported)</b>						
City.....	47.1	6,119	1,174	4,946	9	85
Town.....	19.0	7,302	1,387	5,915	9	107
Suburbs.....	22.7	8,311	1,498	6,815	11	122
Rural.....	22.3	8,845	1,587	7,264	9	87
<b>Climate Zone<sup>1</sup></b>						
Less than 2,000 CDD and--						
Greater than 7,000 HDD.....	10.9	7,603	1,445	6,158	8	95
5,500 to 7,000 HDD.....	26.1	7,013	1,340	5,674	9	113
4,000 to 5,499 HDD.....	27.3	7,482	1,407	6,076	8	78
Fewer than 4,000 HDD.....	24.0	7,066	1,289	5,779	10	62
2000 CDD or More and--						
Less than 4,000 HDD.....	22.8	7,592	1,356	6,238	9	115

**Table AP5. Average Consumption for Home Appliances and Lighting by Fuels Used, 2005**  
**Physical Units per Household**

	U.S. Households (millions)	Fuels Used (physical units of consumption per household using the appliance)				
		Electricity (kWh)			Natural Gas (thousand cf)	LPG (gallons)
		Total	Refrigerators	Other Appliances and Lighting		
<b>Type of Housing Unit</b>						
Single-Family Detached.....	72.1	8,643	1,538	7,107	10	98
Single-Family Attached.....	7.6	6,162	1,162	5,000	8	Q
Apartments in 2-4 Unit Buildings.....	7.8	4,647	1,017	3,630	7	Q
Apartments in 5 or More Unit Buildings.....	16.7	3,658	890	2,768	6	Q
Mobile Homes.....	6.9	6,621	1,232	5,389	6	76
<b>Ownership of Housing Unit</b>						
<b>Owned</b> .....	78.1	8,277	1,501	6,778	10	92
Single-Family Detached.....	64.1	8,794	1,577	7,219	11	96
Single-Family Attached.....	4.2	6,278	1,188	5,091	9	N
Apartments in 2-4 Unit Buildings.....	1.8	5,236	1,206	4,030	9	N
Apartments in 5 or More Unit Buildings.....	2.3	3,798	837	2,961	7	Q
Mobile Homes.....	5.7	6,732	1,241	5,491	6	76
<b>Rented</b> .....	33.0	5,041	1,024	4,019	7	93
Single-Family Detached.....	8.0	7,427	1,228	6,203	8	Q
Single-Family Attached.....	3.4	6,020	1,130	4,891	7	Q
Apartments in 2-4 Unit Buildings.....	5.9	4,464	958	3,506	7	Q
Apartments in 5 or More Unit Buildings.....	14.4	3,636	899	2,737	6	Q
Mobile Homes.....	1.2	6,086	1,187	4,899	7	Q
<b>Year of Construction</b>						
Before 1940.....	14.7	6,664	1,304	5,362	8	84
1940 to 1949.....	7.4	6,219	1,220	5,006	10	85
1950 to 1959.....	12.5	6,420	1,247	5,174	8	98
1960 to 1969.....	12.5	7,119	1,366	5,753	9	117
1970 to 1979.....	18.9	7,101	1,339	5,762	8	94
1980 to 1989.....	18.6	7,467	1,359	6,109	9	96
1990 to 1999.....	17.3	8,785	1,588	7,199	11	76
2000 to 2005.....	9.2	8,102	1,313	6,790	13	100

**Table AP5. Average Consumption for Home Appliances and Lighting by Fuels Used, 2005**  
**Physical Units per Household**

	U.S. Households (millions)	Fuels Used (physical units of consumption per household using the appliance)				
		Electricity (kWh)			Natural Gas (thousand cf)	LPG (gallons)
		Total	Refrigerators	Other Appliances and Lighting		
<b>Total Floorspace (Square Feet)</b>						
Fewer than 500.....	3.2	3,351	933	2,418	6	Q
500 to 999.....	23.8	4,410	975	3,435	6	67
1,000 to 1,499.....	20.8	6,316	1,171	5,145	8	74
1,500 to 1,999.....	15.4	7,746	1,448	6,305	9	65
2,000 to 2,499.....	12.2	8,148	1,416	6,734	9	138
2,500 to 2,999.....	10.3	8,649	1,529	7,121	11	100
3,000 to 3,499.....	6.7	8,747	1,585	7,169	10	79
3,500 to 3,999.....	5.2	9,522	1,699	7,823	11	91
4,000 or More.....	13.3	11,154	1,911	9,242	14	139
<b>Household Size</b>						
1 Person.....	30.0	4,611	1,152	3,461	6	50
2 Persons.....	34.8	7,398	1,435	5,963	9	90
3 Persons.....	18.4	8,436	1,461	6,977	10	112
4 Persons.....	15.9	9,078	1,411	7,669	10	126
5 Persons.....	7.9	9,581	1,434	8,147	12	117
6 or More Persons.....	4.1	10,270	1,430	8,840	15	Q
<b>2005 Household Income Category</b>						
Less than \$10,000.....	9.9	4,619	1,077	3,549	7	53
\$10,000 to \$14,999.....	8.5	5,276	1,162	4,114	6	106
\$15,000 to \$19,999.....	8.4	5,664	1,176	4,488	7	71
\$20,000 to \$29,999.....	15.1	6,162	1,206	4,958	8	68
\$30,000 to \$39,999.....	13.6	6,968	1,311	5,657	7	69
\$40,000 to \$49,999.....	11.0	7,408	1,341	6,067	9	101
\$50,000 to \$74,999.....	19.8	8,089	1,432	6,660	10	81
\$75,000 to \$99,999.....	10.6	8,896	1,496	7,400	11	120
\$100,000 or More.....	14.2	10,633	1,801	8,831	14	158
<b>Income Relative to Poverty Line</b>						
Below 100 Percent.....	16.6	5,455	1,112	4,347	7	84
100 to 150 Percent.....	12.9	6,187	1,194	4,995	8	82
Above 150 Percent.....	81.5	7,876	1,436	6,440	10	95
<b>Eligible for Federal Assistance<sup>2</sup></b>						
Yes.....	38.6	5,909	1,169	4,742	8	78
No.....	72.5	8,065	1,460	6,606	10	99

**Table AP5. Average Consumption for Home Appliances and Lighting by Fuels Used, 2005**  
**Physical Units per Household**

	U.S. Households (millions)	Fuels Used (physical units of consumption per household using the appliance)				
		Electricity (kWh)			Natural Gas (thousand cf)	LPG (gallons)
		Total	Refrigerators	Other Appliances and Lighting		
<b>Payment Method for Utilities</b>						
All Paid by Household.....	97.5	7,690	1,399	6,293	10	93
Some Paid, Some in Rent.....	7.6	4,237	1,012	3,225	7	Q
All Included in Rent.....	4.7	4,319	1,042	3,276	6	Q
Other Method.....	1.3	7,994	1,546	6,449	8	Q
<b>Ethnic Origin of Householder</b>						
Hispanic Descent.....	14.8	5,784	1,127	4,657	9	94
Non-Hispanic Descent.....	96.3	7,553	1,395	6,159	9	92
<b>Race of Householder<sup>3</sup></b>						
White.....	79.1	7,741	1,428	6,314	9	92
Hispanic.....	5.0	5,815	1,135	4,680	8	82
Non-Hispanic.....	74.1	7,871	1,447	6,425	9	93
Black.....	13.4	6,456	1,188	5,272	9	82
Hispanic.....	0.3	5,730	1,236	4,493	Q	Q
Non-Hispanic.....	13.1	6,475	1,186	5,292	9	82
Asian.....	3.3	5,436	1,137	4,299	11	N
Multi-Racial.....	1.3	7,648	1,363	6,285	9	Q
Other.....	7.1	6,596	1,278	5,318	8	93
Undetermined (Race Reported as Hispanic).....	6.9	5,752	1,102	4,650	9	107
<b>Age of Householder</b>						
Under 25 Years.....	5.5	5,138	1,041	4,103	6	Q
25 to 34 Years.....	18.2	6,727	1,136	5,591	9	90
35 to 44 Years.....	22.2	8,295	1,394	6,901	11	86
45 to 54 Years.....	23.3	8,481	1,493	6,990	10	117
55 to 64 Years.....	18.0	7,467	1,415	6,055	9	91
65 to 74 Years.....	12.3	6,800	1,402	5,398	8	65
75 Years or More.....	11.7	5,383	1,390	3,994	7	90



**Table AP5. Average Consumption for Home Appliances and Lighting by Fuels Used, 2005**  
**Physical Units per Household**

	U.S. Households (millions)	Fuels Used (physical units of consumption per household using the appliance)				
		Electricity (kWh)			Natural Gas (thousand cf)	LPG (gallons)
		Total	Refrigerators	Other Appliances and Lighting		
<b>Adults Age 65 or Older in Household</b>						
Yes.....	26.9	6,496	1,426	5,070	8	76
No.....	84.2	7,579	1,338	6,243	9	98
<b>Children Under Age 5 in Household</b>						
Yes.....	15.0	8,258	1,299	6,959	11	115
No.....	96.1	7,169	1,369	5,802	9	89
<b>Children Age 5 to 16 in Household</b>						
Yes.....	28.1	9,161	1,404	7,758	11	147
No.....	83.0	6,692	1,344	5,350	8	76

1 One of five climatically distinct areas, determined according to the 30-year average (1971-2000) of the annual heating and cooling degree-days. A household is assigned to a climate zone according to the 30-year average annual degree-days for an appropriate nearby weather station.

2 Below 150 percent of poverty line or 60 percent of median state income.

3 Respondents were permitted to select more than one racial category to describe themselves. The "Other" category includes Native Americans, Native Alaskans, and Pacific Islanders.

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

N = No cases in the reporting sample.

(\*) Number less than 0.5, 0.05, or 0.005 depending on the number of significant digits in the column, rounded to zero.

Notes: • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 2005 Residential Energy Consumption Survey.

**Table AP6. Average Consumption for Home Appliances and Lighting by Fuels Used, 2005**  
**Million British Thermal Units (Btu) per Household**

	U.S. Households (millions)	Fuels Used (million Btu of consumption per household using the appliance)					
		Any Fuel	Electricity			Natural Gas	LPG
			Total	Refrigerators	Other Appliances and Lighting		
<b>Total</b> .....	111.1	29.3	25.0	4.6	20.3	9.5	8.4
<b>Census Region and Division</b>							
Northeast.....	20.6	27.2	21.5	4.3	17.2	9.5	12.1
New England.....	5.5	24.2	20.6	4.1	16.5	8.0	15.0
Middle Atlantic.....	15.1	28.4	21.8	4.4	17.5	9.9	11.2
Midwest.....	25.6	30.9	26.2	4.9	21.3	9.3	6.8
East North Central.....	17.7	31.1	25.8	4.9	20.9	9.9	6.3
West North Central.....	7.9	30.4	27.1	5.0	22.1	7.3	7.6
South.....	40.7	29.9	27.3	4.8	22.4	8.3	7.4
South Atlantic.....	21.7	29.0	26.8	4.8	22.0	8.4	8.5
East South Central.....	6.9	32.1	30.6	5.3	25.4	7.0	5.8
West South Central.....	12.1	30.1	26.2	4.6	21.6	8.5	7.0
West.....	24.2	28.4	22.7	4.3	18.4	10.6	7.8
Mountain.....	7.6	28.5	24.5	4.5	20.0	8.3	7.4
Pacific.....	16.6	28.4	21.9	4.2	17.7	11.4	8.7
<b>Four Most Populated States</b>							
New York.....	7.1	25.1	18.5	4.0	14.5	8.5	11.4
Florida.....	7.0	26.6	24.5	4.4	20.1	12.7	Q
Texas.....	8.0	30.4	26.2	4.7	21.5	9.2	7.8
California.....	12.1	27.5	19.3	3.7	15.7	11.5	7.2
All Other States.....	76.9	30.1	26.4	4.9	21.5	9.0	7.5
<b>Urban/Rural Location (as Self-Reported)</b>							
City.....	47.1	25.2	20.9	4.0	16.9	9.0	7.8
Town.....	19.0	29.0	24.9	4.7	20.2	8.8	9.8
Suburbs.....	22.7	34.0	28.4	5.1	23.3	11.3	11.1
Rural.....	22.3	33.4	30.2	5.4	24.8	8.8	8.0
<b>Climate Zone<sup>1</sup></b>							
Less than 2,000 CDD and--							
Greater than 7,000 HDD.....	10.9	29.9	25.9	4.9	21.0	8.6	8.7
5,500 to 7,000 HDD.....	26.1	28.9	23.9	4.6	19.4	9.4	10.3
4,000 to 5,499 HDD.....	27.3	29.4	25.5	4.8	20.7	8.6	7.1
Fewer than 4,000 HDD.....	24.0	29.5	24.1	4.4	19.7	10.7	5.7
2000 CDD or More and--							
Less than 4,000 HDD.....	22.8	29.1	25.9	4.6	21.3	9.5	10.5

**Table AP6. Average Consumption for Home Appliances and Lighting by Fuels Used, 2005**  
**Million British Thermal Units (Btu) per Household**

	U.S. Households (millions)	Fuels Used (million Btu of consumption per household using the appliance)					
		Any Fuel	Electricity			Natural Gas	LPG
			Total	Refrigerators	Other Appliances and Lighting		
<b>Type of Housing Unit</b>							
Single-Family Detached.....	72.1	34.5	29.5	5.2	24.2	10.6	8.9
Single-Family Attached.....	7.6	24.8	21.0	4.0	17.1	8.0	Q
Apartments in 2-4 Unit Buildings.....	7.8	19.8	15.9	3.5	12.4	7.6	Q
Apartments in 5 or More Unit Buildings.....	16.7	14.8	12.5	3.0	9.4	6.6	Q
Mobile Homes.....	6.9	25.6	22.6	4.2	18.4	6.4	6.9
<b>Ownership of Housing Unit</b>							
<b>Owned</b> .....	78.1	33.1	28.2	5.1	23.1	10.4	8.4
Single-Family Detached.....	64.1	35.1	30.0	5.4	24.6	10.9	8.8
Single-Family Attached.....	4.2	25.9	21.4	4.1	17.4	8.8	N
Apartments in 2-4 Unit Buildings.....	1.8	23.6	17.9	4.1	13.8	9.3	N
Apartments in 5 or More Unit Buildings.....	2.3	15.9	13.0	2.9	10.1	7.4	Q
Mobile Homes.....	5.7	26.0	23.0	4.2	18.7	6.2	7.0
<b>Rented</b> .....	33.0	20.2	17.2	3.5	13.7	7.2	8.5
Single-Family Detached.....	8.0	29.5	25.3	4.2	21.2	8.6	Q
Single-Family Attached.....	3.4	23.5	20.5	3.9	16.7	6.8	Q
Apartments in 2-4 Unit Buildings.....	5.9	18.6	15.2	3.3	12.0	6.9	Q
Apartments in 5 or More Unit Buildings.....	14.4	14.7	12.4	3.1	9.3	6.5	Q
Mobile Homes.....	1.2	23.6	20.8	4.0	16.7	7.3	Q
<b>Year of Construction</b>							
Before 1940.....	14.7	27.5	22.7	4.5	18.3	8.1	7.7
1940 to 1949.....	7.4	27.9	21.2	4.2	17.1	10.4	7.8
1950 to 1959.....	12.5	26.8	21.9	4.3	17.7	8.7	9.0
1960 to 1969.....	12.5	28.9	24.3	4.7	19.6	9.5	10.7
1970 to 1979.....	18.9	27.5	24.2	4.6	19.7	8.6	8.6
1980 to 1989.....	18.6	28.8	25.5	4.6	20.8	8.8	8.8
1990 to 1999.....	17.3	34.0	30.0	5.4	24.6	10.9	6.9
2000 to 2005.....	9.2	33.0	27.6	4.5	23.2	13.4	9.1

**Table AP6. Average Consumption for Home Appliances and Lighting by Fuels Used, 2005**  
**Million British Thermal Units (Btu) per Household**

	U.S. Households (millions)	Fuels Used (million Btu of consumption per household using the appliance)					
		Any Fuel	Electricity			Natural Gas	LPG
			Total	Refrigerators	Other Appliances and Lighting		
<b>Total Floorspace (Square Feet)</b>							
Fewer than 500.....	3.2	14.4	11.4	3.2	8.2	6.4	Q
500 to 999.....	23.8	17.8	15.0	3.3	11.7	6.6	6.1
1,000 to 1,499.....	20.8	25.4	21.5	4.0	17.6	8.4	6.8
1,500 to 1,999.....	15.4	30.9	26.4	4.9	21.5	9.6	5.9
2,000 to 2,499.....	12.2	32.4	27.8	4.8	23.0	9.3	12.6
2,500 to 2,999.....	10.3	34.8	29.5	5.2	24.3	11.5	9.1
3,000 to 3,499.....	6.7	34.3	29.8	5.4	24.5	10.7	7.2
3,500 to 3,999.....	5.2	37.4	32.5	5.8	26.7	10.8	8.3
4,000 or More.....	13.3	44.7	38.1	6.5	31.5	14.0	12.7
<b>Household Size</b>							
1 Person.....	30.0	18.3	15.7	3.9	11.8	6.3	4.6
2 Persons.....	34.8	29.3	25.2	4.9	20.3	9.2	8.2
3 Persons.....	18.4	33.7	28.8	5.0	23.8	10.6	10.2
4 Persons.....	15.9	36.2	31.0	4.8	26.2	10.6	11.5
5 Persons.....	7.9	39.3	32.7	4.9	27.8	12.5	10.7
6 or More Persons.....	4.1	43.3	35.0	4.9	30.2	15.0	Q
<b>2005 Household Income Category</b>							
Less than \$10,000.....	9.9	18.9	15.8	3.7	12.1	6.7	4.9
\$10,000 to \$14,999.....	8.5	20.9	18.0	4.0	14.0	6.6	9.6
\$15,000 to \$19,999.....	8.4	22.3	19.3	4.0	15.3	7.1	6.5
\$20,000 to \$29,999.....	15.1	24.7	21.0	4.1	16.9	8.5	6.2
\$30,000 to \$39,999.....	13.6	26.8	23.8	4.5	19.3	7.6	6.3
\$40,000 to \$49,999.....	11.0	29.5	25.3	4.6	20.7	9.0	9.3
\$50,000 to \$74,999.....	19.8	32.0	27.6	4.9	22.7	9.8	7.4
\$75,000 to \$99,999.....	10.6	35.4	30.4	5.1	25.2	11.2	10.9
\$100,000 or More.....	14.2	44.4	36.3	6.1	30.1	14.3	14.4
<b>Income Relative to Poverty Line</b>							
Below 100 Percent.....	16.6	22.2	18.6	3.8	14.8	7.6	7.7
100 to 150 Percent.....	12.9	24.6	21.1	4.1	17.0	7.8	7.5
Above 150 Percent.....	81.5	31.5	26.9	4.9	22.0	10.1	8.7
<b>Eligible for Federal Assistance<sup>2</sup></b>							
Yes.....	38.6	23.7	20.2	4.0	16.2	7.8	7.2
No.....	72.5	32.3	27.5	5.0	22.5	10.3	9.0

**Table AP6. Average Consumption for Home Appliances and Lighting by Fuels Used, 2005**  
**Million British Thermal Units (Btu) per Household**

	U.S. Households (millions)	Fuels Used (million Btu of consumption per household using the appliance)					
		Any Fuel	Electricity			Natural Gas	LPG
			Total	Refrigerators	Other Appliances and Lighting		
<b>Payment Method for Utilities</b>							
All Paid by Household.....	97.5	30.7	26.2	4.8	21.5	9.9	8.5
Some Paid, Some in Rent.....	7.6	18.5	14.5	3.5	11.0	7.1	Q
All Included in Rent.....	4.7	17.7	14.7	3.6	11.2	6.6	Q
Other Method.....	1.3	31.3	27.3	5.3	22.0	8.1	Q
<b>Ethnic Origin of Householder</b>							
Hispanic Descent.....	14.8	25.0	19.7	3.8	15.9	9.2	8.6
Non-Hispanic Descent.....	96.3	29.9	25.8	4.8	21.0	9.5	8.4
<b>Race of Householder<sup>3</sup></b>							
White.....	79.1	30.5	26.4	4.9	21.5	9.5	8.4
Hispanic.....	5.0	24.5	19.8	3.9	16.0	8.7	7.4
Non-Hispanic.....	74.1	30.9	26.9	4.9	21.9	9.6	8.5
Black.....	13.4	26.5	22.0	4.1	18.0	9.0	7.5
Hispanic.....	0.3	23.5	19.6	4.2	15.3	Q	Q
Non-Hispanic.....	13.1	26.6	22.1	4.0	18.1	9.1	7.5
Asian.....	3.3	25.1	18.5	3.9	14.7	11.5	N
Multi-Racial.....	1.3	31.1	26.1	4.6	21.4	9.0	Q
Other.....	7.1	27.5	22.5	4.4	18.1	8.6	8.5
Undetermined (Race Reported as Hispanic).....	6.9	24.8	19.6	3.8	15.9	9.7	9.7
<b>Age of Householder</b>							
Under 25 Years.....	5.5	20.1	17.5	3.6	14.0	6.6	Q
25 to 34 Years.....	18.2	27.1	23.0	3.9	19.1	9.2	8.2
35 to 44 Years.....	22.2	33.5	28.3	4.8	23.5	11.2	7.9
45 to 54 Years.....	23.3	34.0	28.9	5.1	23.9	10.2	10.7
55 to 64 Years.....	18.0	30.0	25.5	4.8	20.7	9.4	8.3
65 to 74 Years.....	12.3	26.6	23.2	4.8	18.4	7.9	5.9
75 Years or More.....	11.7	21.3	18.4	4.7	13.6	7.3	8.3

**Table AP6. Average Consumption for Home Appliances and Lighting by Fuels Used, 2005**  
**Million British Thermal Units (Btu) per Household**

	U.S. Households (millions)	Fuels Used (million Btu of consumption per household using the appliance)					
		Any Fuel	Electricity			Natural Gas	LPG
			Total	Refrigerators	Other Appliances and Lighting		
<b>Adults Age 65 or Older in Household</b>							
Yes.....	26.9	25.8	22.2	4.9	17.3	8.6	7.0
No.....	84.2	30.4	25.9	4.6	21.3	9.7	8.9
<b>Children Under Age 5 in Household</b>							
Yes.....	15.0	33.8	28.2	4.4	23.7	11.3	10.5
No.....	96.1	28.6	24.5	4.7	19.8	9.1	8.1
<b>Children Age 5 to 16 in Household</b>							
Yes.....	28.1	37.2	31.3	4.8	26.5	11.8	13.4
No.....	83.0	26.6	22.8	4.6	18.3	8.6	6.9

1 One of five climatically distinct areas, determined according to the 30-year average (1971-2000) of the annual heating and cooling degree-days. A household is assigned to a climate zone according to the 30-year average annual degree-days for an appropriate nearby weather station.

2 Below 150 percent of poverty line or 60 percent of median state income.

3 Respondents were permitted to select more than one racial category to describe themselves. The "Other" category includes Native Americans, Native Alaskans, and Pacific Islanders.

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

N = No cases in the reporting sample.

(\*) Number less than 0.5, 0.05, or 0.005 depending on the number of significant digits in the column, rounded to zero.

Notes: • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 2005 Residential Energy Consumption Survey.

**Table AP7. Average Expenditures for Home Appliances and Lighting by Fuels Used, 2005**  
**Dollars per Household**

	U.S. Households (millions)	Fuels Used (Dollars per household using the appliance)					
		Any Fuel	Electricity			Natural Gas	LPG
			Total	Refrigerators	Other Appliances and Lighting		
<b>Total</b> .....	111.1	784	728	137	591	106	218
<b>Census Region and Division</b>							
Northeast.....	20.6	908	825	169	656	122	302
New England.....	5.5	859	801	162	640	106	363
Middle Atlantic.....	15.1	926	833	171	662	126	282
Midwest.....	25.6	724	674	128	546	93	139
East North Central.....	17.7	731	676	130	546	97	143
West North Central.....	7.9	708	669	123	546	81	133
South.....	40.7	765	728	130	599	93	206
South Atlantic.....	21.7	746	714	129	586	94	233
East South Central.....	6.9	698	675	117	559	88	148
West South Central.....	12.1	836	784	139	645	93	206
West.....	24.2	774	704	133	572	117	227
Mountain.....	7.6	733	673	124	550	94	216
Pacific.....	16.6	793	719	137	582	124	247
<b>Four Most Populated States</b>							
New York.....	7.1	971	856	192	664	126	318
Florida.....	7.0	750	720	128	592	115	Q
Texas.....	8.0	911	856	155	701	104	236
California.....	12.1	822	730	138	592	127	160
All Other States.....	76.9	751	704	131	573	97	188
<b>Urban/Rural Location (as Self-Reported)</b>							
City.....	47.1	681	631	124	506	103	293
Town.....	19.0	780	730	139	591	96	278
Suburbs.....	22.7	911	843	153	690	123	304
Rural.....	22.3	876	817	147	670	99	197
<b>Climate Zone<sup>1</sup></b>							
Less than 2,000 CDD and--							
Greater than 7,000 HDD.....	10.9	817	764	145	618	87	200
5,500 to 7,000 HDD.....	26.1	750	690	135	555	101	251
4,000 to 5,499 HDD.....	27.3	768	717	138	578	105	196
Fewer than 4,000 HDD.....	24.0	799	734	135	600	120	141
2000 CDD or More and--							
Less than 4,000 HDD.....	22.8	810	764	138	627	107	315

**Table AP7. Average Expenditures for Home Appliances and Lighting by Fuels Used, 2005**  
**Dollars per Household**

	U.S. Households (millions)	Fuels Used (Dollars per household using the appliance)					
		Any Fuel	Electricity			Natural Gas	LPG
			Total	Refrigerators	Other Appliances and Lighting		
<b>Type of Housing Unit</b>							
Single-Family Detached.....	72.1	912	848	152	697	118	228
Single-Family Attached.....	7.6	675	632	122	510	89	Q
Apartments in 2-4 Unit Buildings.....	7.8	587	538	121	417	93	Q
Apartments in 5 or More Unit Buildings.....	16.7	427	399	100	299	78	Q
Mobile Homes.....	6.9	654	599	114	485	70	192
<b>Ownership of Housing Unit</b>							
<b>Owned.....</b>							
Single-Family Detached.....	78.1	881	817	149	668	115	222
Single-Family Attached.....	64.1	929	864	155	709	121	229
Single-Family Attached.....	4.2	706	655	128	528	99	N
Apartments in 2-4 Unit Buildings.....	1.8	770	694	162	532	122	N
Apartments in 5 or More Unit Buildings.....	2.3	467	437	97	340	73	Q
Mobile Homes.....	5.7	664	605	113	492	69	200
<b>Rented.....</b>							
Single-Family Detached.....	33.0	555	519	109	410	83	185
Single-Family Attached.....	8.0	774	723	121	602	95	Q
Single-Family Attached.....	3.4	636	603	115	488	76	Q
Apartments in 2-4 Unit Buildings.....	5.9	530	489	109	381	81	Q
Apartments in 5 or More Unit Buildings.....	14.4	421	393	100	293	79	Q
Mobile Homes.....	1.2	605	571	116	455	71	Q
<b>Year of Construction</b>							
Before 1940.....	14.7	761	698	142	557	97	182
1940 to 1949.....	7.4	735	651	130	522	121	199
1950 to 1959.....	12.5	725	664	132	532	100	258
1960 to 1969.....	12.5	784	723	139	585	109	277
1970 to 1979.....	18.9	740	698	132	566	92	231
1980 to 1989.....	18.6	782	738	135	603	94	238
1990 to 1999.....	17.3	881	832	152	680	117	172
2000 to 2005.....	9.2	851	782	128	654	148	227



**Table AP7. Average Expenditures for Home Appliances and Lighting by Fuels Used, 2005**  
**Dollars per Household**

	U.S. Households (millions)	Fuels Used (Dollars per household using the appliance)					
		Any Fuel	Electricity			Natural Gas	LPG
			Total	Refrigerators	Other Appliances and Lighting		
<b>Total Floorspace (Square Feet)</b>							
Fewer than 500.....	3.2	427	386	109	277	73	Q
500 to 999.....	23.8	500	463	106	357	76	210
1,000 to 1,499.....	20.8	674	625	119	507	97	156
1,500 to 1,999.....	15.4	812	759	142	618	106	129
2,000 to 2,499.....	12.2	863	805	143	662	104	285
2,500 to 2,999.....	10.3	951	878	156	722	128	310
3,000 to 3,499.....	6.7	927	870	156	715	118	197
3,500 to 3,999.....	5.2	976	918	168	751	119	129
4,000 or More.....	13.3	1,167	1,079	183	895	154	331
<b>Household Size</b>							
1 Person.....	30.0	496	464	119	345	70	128
2 Persons.....	34.8	783	728	143	585	104	225
3 Persons.....	18.4	891	828	144	684	121	217
4 Persons.....	15.9	974	908	143	765	116	294
5 Persons.....	7.9	1,065	980	149	831	142	289
6 or More Persons.....	4.1	1,146	1,048	151	898	169	Q
<b>2005 Household Income Category</b>							
Less than \$10,000.....	9.9	508	468	111	358	77	144
\$10,000 to \$14,999.....	8.5	566	521	118	403	76	378
\$15,000 to \$19,999.....	8.4	567	528	114	414	82	161
\$20,000 to \$29,999.....	15.1	657	609	122	487	93	178
\$30,000 to \$39,999.....	13.6	709	667	129	539	91	158
\$40,000 to \$49,999.....	11.0	783	726	132	593	107	235
\$50,000 to \$74,999.....	19.8	865	811	145	666	104	220
\$75,000 to \$99,999.....	10.6	973	908	155	753	132	223
\$100,000 or More.....	14.2	1,189	1,092	185	907	155	311
<b>Income Relative to Poverty Line</b>							
Below 100 Percent.....	16.6	593	543	113	430	89	237
100 to 150 Percent.....	12.9	649	601	119	483	87	226
Above 150 Percent.....	81.5	844	786	145	641	113	214
<b>Eligible for Federal Assistance<sup>2</sup></b>							
Yes.....	38.6	635	587	119	468	89	225
No.....	72.5	863	803	147	657	115	215

**Table AP7. Average Expenditures for Home Appliances and Lighting by Fuels Used, 2005**  
**Dollars per Household**

	U.S. Households (millions)	Fuels Used (Dollars per household using the appliance)					
		Any Fuel	Electricity			Natural Gas	LPG
			Total	Refrigerators	Other Appliances and Lighting		
<b>Payment Method for Utilities</b>							
All Paid by Household.....	97.5	816	759	139	620	111	222
Some Paid, Some in Rent.....	7.6	548	495	125	370	88	Q
All Included in Rent.....	4.7	488	461	111	350	57	Q
Other Method.....	1.3	821	775	156	619	93	Q
<b>Ethnic Origin of Householder</b>							
Hispanic Descent.....	14.8	723	650	129	521	109	278
Non-Hispanic Descent.....	96.3	793	741	138	602	106	209
<b>Race of Householder<sup>3</sup></b>							
White.....	79.1	807	754	141	614	106	210
Hispanic.....	5.0	693	625	123	502	104	239
Non-Hispanic.....	74.1	815	763	142	621	106	207
Black.....	13.4	706	650	123	528	102	220
Hispanic.....	0.3	721	649	157	492	Q	Q
Non-Hispanic.....	13.1	706	650	122	529	102	228
Asian.....	3.3	702	630	133	497	127	N
Multi-Racial.....	1.3	786	720	129	591	101	Q
Other.....	7.1	764	705	137	568	97	166
Undetermined (Race Reported as Hispanic).....	6.9	735	662	131	531	116	414
<b>Age of Householder</b>							
Under 25 Years.....	5.5	548	513	106	407	77	Q
25 to 34 Years.....	18.2	715	666	115	551	102	210
35 to 44 Years.....	22.2	891	829	143	686	124	189
45 to 54 Years.....	23.3	904	839	149	690	115	252
55 to 64 Years.....	18.0	805	742	142	600	108	208
65 to 74 Years.....	12.3	733	687	141	545	89	173
75 Years or More.....	11.7	580	538	141	396	79	263

**Table AP7. Average Expenditures for Home Appliances and Lighting by Fuels Used, 2005**  
**Dollars per Household**

	U.S. Households (millions)	Fuels Used (Dollars per household using the appliance)					
		Any Fuel	Electricity			Natural Gas	LPG
			Total	Refrigerators	Other Appliances and Lighting		
<b>Adults Age 65 or Older in Household</b>							
Yes.....	26.9	701	653	145	508	95	213
No.....	84.2	810	753	135	618	109	220
<b>Children Under Age 5 in Household</b>							
Yes.....	15.0	907	836	133	703	125	281
No.....	96.1	765	712	138	574	103	209
<b>Children Age 5 to 16 in Household</b>							
Yes.....	28.1	984	910	142	768	133	288
No.....	83.0	716	667	136	532	96	197

1 One of five climatically distinct areas, determined according to the 30-year average (1971-2000) of the annual heating and cooling degree-days. A household is assigned to a climate zone according to the 30-year average annual degree-days for an appropriate nearby weather station.

2 Below 150 percent of poverty line or 60 percent of median state income.

3 Respondents were permitted to select more than one racial category to describe themselves. The "Other" category includes Native Americans, Native Alaskans, and Pacific Islanders.

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

N = No cases in the reporting sample.

(\*) Number less than 0.5, 0.05, or 0.005 depending on the number of significant digits in the column, rounded to zero.

Notes: • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report.

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