

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		
Total	111.1	29.3	25.0	4.6	20.3	9.5	8.4
Census Region and Division							
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
Four Most Populated States							
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
Urban/Rural Location (as Self-Reported)							
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
Climate Zone¹							
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

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		Any Fuel	Electricity			Natural Gas	LPG
			Total	Refrigerators	Other Appliances and Lighting		
Type of Housing Unit							
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
Ownership of Housing Unit							
Owned	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
Rented	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
Year of Construction							
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

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		Any Fuel	Electricity			Natural Gas	LPG
			Total	Refrigerators	Other Appliances and Lighting		
Total Floorspace (Square Feet)							
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
Household Size							
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
2005 Household Income Category							
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
Income Relative to Poverty Line							
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
Eligible for Federal Assistance²							
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

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		Any Fuel	Electricity			Natural Gas	LPG
			Total	Refrigerators	Other Appliances and Lighting		
Payment Method for Utilities							
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
Ethnic Origin of Householder							
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
Race of Householder³							
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
Age of Householder							
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

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			Total	Refrigerators	Other Appliances and Lighting		
Adults Age 65 or Older in Household							
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
Children Under Age 5 in Household							
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
Children Age 5 to 16 in Household							
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.