

Table SH1. Total Households Using a Space Heating Fuel, 2005
Million U.S. Households

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Using Main Space Heating Only (millions)	Using Main and Secondary Space Heating (millions)	For Main Space Heating (millions)		For Secondary Space Heating (millions)	
					Using a Major Fuel ⁴	Using a Non-Major Fuel ⁵	Using a Major Fuel ⁴	Using a Non-Major Fuel ⁵
Total	111.1	107.5	73.0	34.4	104.0	3.5	26.7	7.7
Census Region and Division								
Northeast.....	20.6	20.4	16.0	4.4	19.8	0.6	3.5	0.9
New England.....	5.5	5.3	4.0	1.4	5.2	0.2	1.0	0.4
Middle Atlantic.....	15.1	15.1	12.0	3.0	14.6	0.5	2.5	0.5
Midwest.....	25.6	25.1	15.9	9.2	24.2	0.9	7.3	1.9
East North Central.....	17.7	17.3	11.1	6.2	16.7	0.6	5.1	1.1
West North Central.....	7.9	7.8	4.8	3.0	7.5	0.3	2.2	0.8
South.....	40.7	39.8	28.1	11.8	38.8	1.0	9.3	2.5
South Atlantic.....	21.7	20.9	15.1	5.9	20.5	0.5	4.6	1.2
East South Central.....	6.9	6.9	4.1	2.8	6.6	0.3	2.4	0.4
West South Central.....	12.1	12.0	8.9	3.1	11.7	0.3	2.3	0.9
West.....	24.2	22.1	13.1	9.0	21.2	0.9	6.6	2.4
Mountain.....	7.6	7.4	4.3	3.1	6.9	0.4	2.2	0.9
Pacific.....	16.6	14.7	8.8	6.0	14.2	0.5	4.4	1.5
Four Most Populated States								
New York.....	7.1	7.1	5.9	1.2	6.7	0.4	0.9	Q
Florida.....	7.0	6.3	5.7	0.6	6.3	N	0.5	Q
Texas.....	8.0	7.9	5.9	2.0	7.7	Q	1.3	0.6
California.....	12.1	10.8	6.8	4.0	10.5	0.3	3.0	0.9
All Other States.....	76.9	75.4	48.7	26.7	72.8	2.7	20.9	5.8
Urban/Rural Location (as Self-Reported)								
City.....	47.1	44.6	33.2	11.4	44.1	0.6	9.1	2.3
Town.....	19.0	18.6	13.6	5.0	18.3	0.3	3.8	1.2
Suburbs.....	22.7	22.2	15.0	7.3	22.0	Q	6.1	1.2
Rural.....	22.3	21.9	11.3	10.7	19.6	2.4	7.7	3.0
Climate Zone¹								
Less than 2,000 CDD and--								
Greater than 7,000 HDD.....	10.9	10.8	6.3	4.5	10.1	0.7	3.1	1.5
5,500 to 7,000 HDD.....	26.1	25.5	17.6	7.9	24.9	0.6	6.4	1.5
4,000 to 5,499 HDD.....	27.3	27.2	18.6	8.6	26.1	1.1	6.9	1.7
Fewer than 4,000 HDD.....	24.0	22.6	14.0	8.6	21.8	0.7	6.8	1.8
2000 CDD or More and--								
Less than 4,000 HDD.....	22.8	21.4	16.6	4.8	21.0	0.4	3.6	1.2

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					Using a Major Fuel ⁴	Using a Non-Major Fuel ⁵	Using a Major Fuel ⁴	Using a Non-Major Fuel ⁵	
Type of Housing Unit									
Single-Family Detached.....	72.1	71.0	42.4	28.5	68.2	2.7	21.6	7.0	
Single-Family Attached.....	7.6	7.3	5.9	1.5	7.3	Q	1.2	Q	
Apartments in 2-4 Unit Buildings.....	7.8	7.3	6.1	1.1	7.2	Q	0.9	Q	
Apartments in 5 or More Unit Buildings.....	16.7	15.3	13.8	1.6	15.0	0.4	1.5	Q	
Mobile Homes.....	6.9	6.5	4.8	1.7	6.3	0.3	1.5	0.3	
Ownership of Housing Unit									
Owned.....	78.1	76.6	47.2	29.4	73.8	2.8	22.2	7.2	
Single-Family Detached.....	64.1	63.2	36.8	26.4	60.6	2.5	19.8	6.6	
Single-Family Attached.....	4.2	4.1	3.2	0.9	4.1	Q	0.7	Q	
Apartments in 2-4 Unit Buildings.....	1.8	1.8	1.4	0.4	1.8	N	0.3	Q	
Apartments in 5 or More Unit Buildings.....	2.3	2.1	2.0	Q	2.1	N	Q	Q	
Mobile Homes.....	5.7	5.5	3.9	1.6	5.2	0.3	1.3	0.2	
Rented.....	33.0	30.8	25.8	5.0	30.1	0.7	4.4	0.6	
Single-Family Detached.....	8.0	7.8	5.7	2.1	7.6	Q	1.8	0.4	
Single-Family Attached.....	3.4	3.2	2.7	0.5	3.2	N	0.5	Q	
Apartments in 2-4 Unit Buildings.....	5.9	5.5	4.7	0.7	5.4	Q	0.6	Q	
Apartments in 5 or More Unit Buildings.....	14.4	13.3	11.8	1.4	12.9	0.4	1.4	Q	
Mobile Homes.....	1.2	1.1	0.9	0.2	1.0	Q	Q	Q	
Year of Construction									
Before 1940.....	14.7	14.5	9.4	5.1	13.7	0.8	4.2	0.9	
1940 to 1949.....	7.4	7.1	4.6	2.5	6.9	Q	2.2	0.3	
1950 to 1959.....	12.5	12.3	8.8	3.5	11.9	0.4	2.7	0.8	
1960 to 1969.....	12.5	11.9	8.0	3.8	11.3	0.5	3.0	0.8	
1970 to 1979.....	18.9	17.9	12.5	5.4	17.2	0.8	4.0	1.4	
1980 to 1989.....	18.6	18.0	12.2	5.8	17.6	0.4	4.3	1.5	
1990 to 1999.....	17.3	16.8	11.0	5.8	16.5	0.3	4.2	1.6	
2000 to 2005.....	9.2	8.9	6.4	2.5	8.8	Q	2.1	0.5	

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					Using a Major Fuel ⁴	Using a Non-Major Fuel ⁵	Using a Major Fuel ⁴	Using a Non-Major Fuel ⁵	
Household Size									
1 Person.....	30.0	29.0	21.7	7.3	28.5	0.5	5.8	1.5	
2 Persons.....	34.8	34.0	21.8	12.3	32.6	1.4	9.3	2.9	
3 Persons.....	18.4	17.9	11.1	6.8	17.2	0.7	5.1	1.6	
4 Persons.....	15.9	15.3	10.3	5.0	14.7	0.6	3.9	1.1	
5 Persons.....	7.9	7.5	5.4	2.1	7.3	Q	1.7	0.4	
6 or More Persons.....	4.1	3.7	2.8	1.0	3.6	Q	0.8	0.2	
2005 Household Income Category									
Less than \$10,000.....	9.9	9.4	7.4	1.9	9.0	0.4	1.7	0.2	
\$10,000 to \$14,999.....	8.5	8.2	6.2	1.9	7.9	0.3	1.5	0.4	
\$15,000 to \$19,999.....	8.4	8.0	6.0	1.9	7.7	0.3	1.5	0.5	
\$20,000 to \$29,999.....	15.1	14.5	10.4	4.1	14.0	0.5	3.3	0.8	
\$30,000 to \$39,999.....	13.6	13.0	8.9	4.1	12.5	0.5	3.2	0.8	
\$40,000 to \$49,999.....	11.0	10.8	7.3	3.5	10.4	0.4	2.6	0.9	
\$50,000 to \$74,999.....	19.8	19.4	12.7	6.6	18.8	0.6	5.0	1.6	
\$75,000 to \$99,999.....	10.6	10.4	6.2	4.2	10.0	0.3	3.1	1.1	
\$100,000 or More.....	14.2	13.9	7.8	6.1	13.6	0.3	4.7	1.4	
Income Relative to Poverty Line									
Below 100 Percent.....	16.6	15.7	12.1	3.6	14.9	0.8	3.1	0.5	
100 to 150 Percent.....	12.9	12.3	9.2	3.1	11.8	0.4	2.5	0.6	
Above 150 Percent.....	81.5	79.5	51.7	27.7	77.2	2.3	21.1	6.6	
Eligible for Federal Assistance²									
Yes.....	38.6	36.6	27.8	8.8	35.2	1.5	7.1	1.7	
No.....	72.5	70.8	45.3	25.6	68.8	2.0	19.6	6.0	
Payment Method for Utilities									
All Paid by Household.....	97.5	94.6	62.5	32.2	91.7	3.0	24.7	7.5	
Some Paid, Some in Rent.....	7.6	7.1	5.9	1.2	6.8	0.3	1.0	Q	
All Included in Rent.....	4.7	4.5	3.8	0.7	4.3	Q	0.6	Q	
Other Method.....	1.3	1.3	0.9	0.3	1.2	Q	0.3	Q	

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Ethnic Origin of Householder									
Hispanic Descent.....	14.8	13.3	10.6	2.7	12.9	0.4	2.1	0.6	
Non-Hispanic Descent.....	96.3	94.2	62.4	31.8	91.1	3.1	24.6	7.1	
Race of Householder³									
White.....	79.1	77.2	49.7	27.4	74.4	2.8	20.8	6.6	
Hispanic.....	5.0	4.4	3.3	1.1	4.4	Q	0.9	Q	
Non-Hispanic.....	74.1	72.7	46.4	26.3	70.0	2.7	20.0	6.3	
Black.....	13.4	13.3	9.7	3.5	13.1	Q	3.0	0.5	
Hispanic.....	0.3	0.3	0.3	Q	0.3	N	Q	N	
Non-Hispanic.....	13.1	12.9	9.5	3.5	12.7	Q	2.9	0.5	
Asian.....	3.3	2.9	2.4	0.5	2.9	Q	0.5	Q	
Multi-Racial.....	1.3	1.2	0.8	0.4	1.2	Q	0.4	Q	
Other.....	7.1	6.6	5.1	1.5	6.4	Q	1.2	0.4	
Undetermined (Race Reported as Hispanic).....	6.9	6.2	5.3	0.9	6.0	Q	0.8	Q	
Age of Householder									
Under 25 Years.....	5.5	5.1	4.3	0.8	5.0	Q	0.7	Q	
25 to 34 Years.....	18.2	17.5	13.7	3.7	17.0	0.5	3.2	0.6	
35 to 44 Years.....	22.2	21.4	14.3	7.1	20.7	0.7	5.4	1.7	
45 to 54 Years.....	23.3	22.7	13.7	9.0	22.0	0.8	6.8	2.3	
55 to 64 Years.....	18.0	17.4	11.0	6.4	16.6	0.8	4.9	1.5	
65 to 74 Years.....	12.3	12.0	8.2	3.8	11.5	0.5	2.8	1.0	
75 Years or More.....	11.7	11.4	7.9	3.6	11.3	Q	2.9	0.7	
Adults Age 65 or Older in Household									
Yes.....	26.9	26.2	17.8	8.3	25.3	0.9	6.5	1.8	
No.....	84.2	81.3	55.2	26.1	78.7	2.6	20.2	5.9	
Children Under Age 5 in Household									
Yes.....	15.0	14.3	11.0	3.4	14.0	0.4	2.8	0.6	
No.....	96.1	93.1	62.1	31.1	90.0	3.1	23.9	7.1	
Children Age 5 to 16 in Household									
Yes.....	28.1	27.0	18.0	9.0	26.2	0.8	6.9	2.1	
No.....	83.0	80.5	55.0	25.4	77.8	2.7	19.8	5.6	

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Age of Main Heating Equipment									
Used by One Housing Unit									
Less than 2 Years.....	11.7	11.4	8.1	3.3	11.3	Q	2.5	0.8	
2 to 4 Years.....	13.8	13.7	9.4	4.3	13.3	0.4	3.5	0.8	
5 to 9 Years.....	20.6	20.2	13.5	6.7	19.7	0.4	5.3	1.4	
10 to 19 Years.....	24.8	24.4	14.8	9.7	23.5	0.9	7.0	2.7	
20 Years or More.....	21.5	20.9	13.2	7.6	19.9	1.0	5.7	1.9	
Don't Know.....	8.6	8.2	6.6	1.6	8.1	Q	1.4	Q	
Used by Two or More Housing Units									
Less than 2 Years.....	0.3	0.3	0.3	Q	0.3	Q	Q	N	
2 to 4 Years.....	0.4	0.4	0.4	Q	0.4	Q	Q	N	
5 to 9 Years.....	0.6	0.6	0.5	Q	0.6	N	Q	N	
10 to 19 Years.....	1.1	1.1	1.0	Q	1.0	Q	Q	N	
20 Years or More.....	2.7	2.6	2.1	0.4	2.4	Q	0.4	Q	
Don't Know.....	3.7	3.6	3.2	0.5	3.5	Q	0.5	Q	
Heated Floorspace (Square Feet)									
Fewer than 500.....	9.7	6.1	5.0	1.1	6.0	Q	1.0	Q	
500 to 999.....	27.7	27.7	21.0	6.7	26.8	0.9	5.8	0.9	
1,000 to 1,499.....	26.0	26.0	18.7	7.3	25.4	0.6	5.8	1.5	
1,500 to 1,999.....	17.6	17.6	11.4	6.2	16.9	0.7	4.2	1.9	
2,000 to 2,499.....	10.7	10.7	6.4	4.3	10.2	0.5	3.0	1.3	
2,500 to 2,999.....	7.7	7.7	4.6	3.1	7.5	Q	2.4	0.7	
3,000 to 3,499.....	3.8	3.8	2.1	1.7	3.6	Q	1.3	0.3	
3,500 to 3,999.....	2.6	2.6	1.2	1.4	2.5	Q	1.1	0.3	
4,000 or More.....	5.2	5.2	2.5	2.7	5.0	Q	1.9	0.8	
Weekday Home Activities									
Home Used for Business									
Yes.....	8.9	8.7	4.9	3.9	8.3	0.4	2.7	1.1	
No.....	102.2	98.7	68.1	30.6	95.7	3.1	24.0	6.6	
Energy-Intensive Activity									
Yes.....	2.2	2.2	1.1	1.1	2.1	Q	1.0	Q	
No.....	108.9	105.2	72.0	33.3	101.8	3.4	25.7	7.6	
Someone Home All Day									
Yes.....	56.4	54.6	37.2	17.4	52.4	2.2	13.8	3.6	
No.....	54.7	52.9	35.8	17.0	51.6	1.3	12.8	4.2	

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Adequacy of Insulation									
Well Insulated.....	42.8	42.1	28.5	13.6	40.7	1.4	9.6	4.0	
Adequately Insulated.....	46.3	44.8	30.6	14.2	43.5	1.2	11.4	2.8	
Poorly Insulated.....	19.0	18.2	12.0	6.2	17.4	0.8	5.3	0.9	
No Insulation.....	1.4	0.9	0.7	0.2	0.9	Q	Q	Q	
Don't Know.....	1.7	1.5	1.3	Q	1.5	Q	Q	Q	
Home is Too Drafty During the Winter									
Never.....	62.9	60.8	42.8	17.9	58.9	1.8	13.4	4.5	
Some of the Time.....	32.4	31.5	19.7	11.7	30.4	1.1	9.2	2.5	
Most of the Time.....	6.1	5.9	3.7	2.3	5.7	Q	1.9	0.3	
All of the Time.....	5.6	5.5	3.5	2.0	5.2	Q	1.8	Q	
Don't Know.....	4.1	3.8	3.4	0.5	3.8	Q	0.3	Q	
Unusually High Ceilings									
Yes.....	27.2	26.6	14.9	11.8	25.9	0.7	8.9	2.9	
No.....	76.9	74.3	53.4	20.9	71.8	2.5	16.3	4.6	
Not Asked (Mobile Homes).....	6.9	6.5	4.8	1.7	6.3	0.3	1.5	0.3	
Cathedral Ceilings (In Housing Units with High Ceilings)									
Yes.....	17.1	16.7	9.5	7.2	16.2	0.5	5.5	1.8	
No.....	10.1	10.0	5.4	4.5	9.7	Q	3.4	1.1	
Type of Glass in Windows									
Single-pane Glass.....	50.7	48.1	34.7	13.4	46.7	1.4	11.0	2.3	
Double-pane Glass									
Without Low-e Coating.....	50.6	49.9	33.0	16.8	48.0	1.9	12.7	4.2	
With Low-e Coating.....	8.0	7.9	4.4	3.5	7.8	Q	2.5	1.1	
Triple-pane Glass									
Without Low-e Coating.....	1.0	0.9	0.4	0.5	0.9	Q	0.4	Q	
With Low-e Coating.....	0.3	0.3	Q	Q	0.3	Q	Q	Q	
Proportion of Original Windows Replaced									
All.....	22.4	22.2	15.1	7.1	21.4	0.8	5.7	1.4	
Some.....	21.6	20.9	12.6	8.3	19.9	1.0	6.5	1.8	
None.....	62.3	59.9	41.6	18.3	58.2	1.7	13.9	4.4	
Don't Know.....	4.7	4.5	3.8	0.7	4.4	Q	0.6	Q	

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Thermostats									
Do Not Have a Thermostat.....	15.3	13.4	8.6	4.8	11.0	2.4	4.5	0.3	
Have a Thermostat.....	95.8	94.1	64.5	29.6	93.0	1.1	22.2	7.4	
1.....	84.5	82.8	58.4	24.4	82.1	0.8	18.1	6.3	
2 or More.....	11.3	11.2	6.1	5.2	10.9	0.3	4.1	1.1	
Have a Programmable Thermostat									
Yes.....	33.1	32.6	21.3	11.3	32.5	Q	8.4	2.9	
No.....	62.7	61.4	43.2	18.3	60.5	1.0	13.8	4.5	
Use of Programmable Thermostats									
Reduces Temperature During Day									
Yes.....	18.6	18.4	12.1	6.3	18.3	Q	4.8	1.5	
No.....	14.5	14.2	9.2	5.0	14.2	Q	3.6	1.4	
Reduces Temperature at Night									
Yes.....	21.5	21.2	13.6	7.6	21.1	Q	5.7	1.9	
No.....	11.6	11.4	7.7	3.7	11.4	Q	2.7	1.1	

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.

4 The major fuels are electricity, natural gas, fuel oil, kerosene, and liquefied petroleum gas (LPG).

5 Non-major fuels include wood, solar, district steam, and other.

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 SH2. Total Households by Space Heating Fuels Used, 2005
Million U.S. Households

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Fuels Used (million U.S. households)					
			Electricity	Natural Gas	Fuel Oil	Kerosene	LPG	Other
Total.....	111.1	107.5	47.6	58.7	8.0	1.6	7.6	12.3
Census Region and Division								
Northeast.....	20.6	20.4	4.0	11.4	6.4	0.4	0.6	1.6
New England.....	5.5	5.3	0.9	2.3	2.5	Q	0.2	0.5
Middle Atlantic.....	15.1	15.1	3.0	9.1	3.9	0.3	0.5	1.0
Midwest.....	25.6	25.1	8.0	18.8	0.7	0.3	2.2	3.0
East North Central.....	17.7	17.3	5.3	13.2	0.7	0.2	1.3	1.8
West North Central.....	7.9	7.8	2.7	5.5	Q	Q	1.0	1.3
South.....	40.7	39.8	25.7	14.1	0.6	0.8	3.6	4.2
South Atlantic.....	21.7	20.9	14.9	5.7	0.6	0.6	1.7	2.2
East South Central.....	6.9	6.9	4.4	2.5	Q	0.2	1.0	0.8
West South Central.....	12.1	12.0	6.4	5.9	N	N	1.0	1.2
West.....	24.2	22.1	9.9	14.4	0.3	Q	1.1	3.5
Mountain.....	7.6	7.4	2.9	4.7	Q	N	0.7	1.4
Pacific.....	16.6	14.7	7.0	9.8	Q	Q	0.4	2.2
Four Most Populated States								
New York.....	7.1	7.1	1.1	3.8	2.2	Q	Q	0.7
Florida.....	7.0	6.3	6.0	0.4	N	Q	Q	Q
Texas.....	8.0	7.9	4.3	3.9	N	N	Q	0.8
California.....	12.1	10.8	4.5	8.0	Q	N	Q	1.4
All Other States.....	76.9	75.4	31.7	42.6	5.7	1.5	6.7	9.2
Urban/Rural Location (as Self-Reported)								
City.....	47.1	44.6	20.8	27.0	2.4	0.3	0.3	3.2
Town.....	19.0	18.6	6.8	12.0	1.7	0.2	0.3	1.6
Suburbs.....	22.7	22.2	8.7	15.2	1.3	0.2	0.6	1.9
Rural.....	22.3	21.9	11.3	4.5	2.6	0.9	6.3	5.7
Climate Zone¹								
Less than 2,000 CDD and--								
Greater than 7,000 HDD.....	10.9	10.8	2.6	6.4	1.6	Q	1.5	2.2
5,500 to 7,000 HDD.....	26.1	25.5	7.2	17.7	3.0	0.6	1.5	2.3
4,000 to 5,499 HDD.....	27.3	27.2	11.1	15.3	3.2	0.5	1.6	3.1
Fewer than 4,000 HDD.....	24.0	22.6	11.5	12.3	Q	0.4	2.2	3.0
2000 CDD or More and--								
Less than 4,000 HDD.....	22.8	21.4	15.1	7.0	N	Q	0.8	1.7

Table SH2. Total Households by Space Heating Fuels Used, 2005
Million U.S. Households

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Fuels Used (million U.S. households)					
			Electricity	Natural Gas	Fuel Oil	Kerosene	LPG	Other
Type of Housing Unit								
Single-Family Detached.....	72.1	71.0	30.1	40.7	5.8	1.1	6.1	10.8
Single-Family Attached.....	7.6	7.3	2.7	5.0	0.4	Q	Q	Q
Apartments in 2-4 Unit Buildings.....	7.8	7.3	2.8	4.3	0.7	N	Q	Q
Apartments in 5 or More Unit Buildings.....	16.7	15.3	8.2	6.8	0.9	Q	Q	0.4
Mobile Homes.....	6.9	6.5	3.7	2.0	0.2	0.4	1.3	0.6
Ownership of Housing Unit								
Owned	78.1	76.6	33.0	42.8	6.1	1.4	6.8	11.1
Single-Family Detached.....	64.1	63.2	26.8	36.2	5.4	1.0	5.6	10.2
Single-Family Attached.....	4.2	4.1	1.3	2.9	0.3	Q	Q	Q
Apartments in 2-4 Unit Buildings.....	1.8	1.8	0.6	1.2	0.3	N	N	Q
Apartments in 5 or More Unit Buildings.....	2.3	2.1	1.1	0.9	Q	N	Q	Q
Mobile Homes.....	5.7	5.5	3.2	1.6	Q	0.3	1.1	0.5
Rented	33.0	30.8	14.6	15.9	1.9	0.3	0.8	1.3
Single-Family Detached.....	8.0	7.8	3.3	4.5	0.5	Q	0.5	0.6
Single-Family Attached.....	3.4	3.2	1.4	2.1	Q	N	N	Q
Apartments in 2-4 Unit Buildings.....	5.9	5.5	2.3	3.1	0.5	N	Q	Q
Apartments in 5 or More Unit Buildings.....	14.4	13.3	7.1	5.9	0.8	Q	Q	0.4
Mobile Homes.....	1.2	1.1	0.5	0.3	Q	Q	Q	Q
Year of Construction								
Before 1940.....	14.7	14.5	4.3	9.2	2.6	0.3	1.1	1.8
1940 to 1949.....	7.4	7.1	2.4	4.8	1.0	Q	0.5	0.6
1950 to 1959.....	12.5	12.3	4.1	7.9	1.5	Q	0.5	1.1
1960 to 1969.....	12.5	11.9	4.9	7.2	0.9	Q	0.5	1.3
1970 to 1979.....	18.9	17.9	8.6	8.9	1.0	0.4	1.1	2.2
1980 to 1989.....	18.6	18.0	9.9	8.4	0.5	0.3	1.3	2.3
1990 to 1999.....	17.3	16.8	8.9	8.0	0.4	Q	1.7	2.3
2000 to 2005.....	9.2	8.9	4.5	4.3	0.2	Q	0.9	0.7

Table SH2. Total Households by Space Heating Fuels Used, 2005
Million U.S. Households

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Fuels Used (million U.S. households)						
			Electricity	Natural Gas	Fuel Oil	Kerosene	LPG	Other	
Household Size									
1 Person.....	30.0	29.0	13.3	15.5	2.0	0.6	1.5	2.1	
2 Persons.....	34.8	34.0	14.5	18.1	2.8	0.4	3.2	4.7	
3 Persons.....	18.4	17.9	8.4	9.6	1.6	0.3	1.2	2.6	
4 Persons.....	15.9	15.3	6.8	8.6	1.0	Q	1.1	2.1	
5 Persons.....	7.9	7.5	3.1	4.5	0.5	Q	0.4	0.5	
6 or More Persons.....	4.1	3.7	1.5	2.3	Q	Q	Q	0.3	
2005 Household Income Category									
Less than \$10,000.....	9.9	9.4	4.2	4.7	0.7	0.3	0.6	0.6	
\$10,000 to \$14,999.....	8.5	8.2	3.8	3.7	0.8	0.3	0.5	0.7	
\$15,000 to \$19,999.....	8.4	8.0	3.7	3.7	0.7	Q	0.6	0.8	
\$20,000 to \$29,999.....	15.1	14.5	6.4	7.9	0.9	0.2	1.0	1.3	
\$30,000 to \$39,999.....	13.6	13.0	6.3	6.6	1.0	Q	1.0	1.4	
\$40,000 to \$49,999.....	11.0	10.8	4.6	6.0	0.7	Q	0.8	1.4	
\$50,000 to \$74,999.....	19.8	19.4	8.4	11.3	1.4	Q	1.4	2.4	
\$75,000 to \$99,999.....	10.6	10.4	4.5	5.6	1.1	Q	0.9	1.7	
\$100,000 or More.....	14.2	13.9	5.7	9.3	0.8	Q	0.9	2.1	
Income Relative to Poverty Line									
Below 100 Percent.....	16.6	15.7	7.2	7.5	1.2	0.4	1.0	1.3	
100 to 150 Percent.....	12.9	12.3	5.7	6.1	0.8	0.4	0.9	1.0	
Above 150 Percent.....	81.5	79.5	34.7	45.1	6.0	0.8	5.6	10.0	
Eligible for Federal Assistance²									
Yes.....	38.6	36.6	16.3	18.4	3.1	0.9	2.2	3.1	
No.....	72.5	70.8	31.3	40.3	4.9	0.7	5.3	9.2	
Payment Method for Utilities									
All Paid by Household.....	97.5	94.6	42.9	51.5	6.5	1.5	7.2	11.5	
Some Paid, Some in Rent.....	7.6	7.1	2.5	3.8	1.0	Q	Q	0.5	
All Included in Rent.....	4.7	4.5	1.6	2.7	0.4	Q	Q	Q	
Other Method.....	1.3	1.3	0.6	0.7	Q	N	Q	0.2	

Table SH2. Total Households by Space Heating Fuels Used, 2005
Million U.S. Households

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Fuels Used (million U.S. households)					
			Electricity	Natural Gas	Fuel Oil	Kerosene	LPG	Other
Ethnic Origin of Householder								
Hispanic Descent.....	14.8	13.3	5.8	7.1	0.9	Q	0.5	1.1
Non-Hispanic Descent.....	96.3	94.2	41.8	51.6	7.1	1.6	7.1	11.3
Race of Householder³								
White.....	79.1	77.2	33.4	42.2	6.2	1.2	6.4	10.3
Hispanic.....	5.0	4.4	2.2	2.3	0.2	Q	Q	0.4
Non-Hispanic.....	74.1	72.7	31.2	39.9	6.0	1.2	6.1	9.9
Black.....	13.4	13.3	6.8	7.0	0.7	0.4	0.6	0.8
Hispanic.....	0.3	0.3	Q	Q	Q	N	Q	N
Non-Hispanic.....	13.1	12.9	6.6	6.8	0.6	0.4	0.6	0.8
Asian.....	3.3	2.9	1.4	1.9	Q	N	N	Q
Multi-Racial.....	1.3	1.2	0.7	0.8	Q	Q	Q	Q
Other.....	7.1	6.6	2.7	3.7	0.5	Q	0.4	0.6
Undetermined (Race Reported as Hispanic).....	6.9	6.2	2.6	3.2	0.5	N	Q	0.4
Age of Householder								
Under 25 Years.....	5.5	5.1	2.9	2.3	Q	Q	Q	Q
25 to 34 Years.....	18.2	17.5	8.2	9.3	0.9	Q	0.9	1.2
35 to 44 Years.....	22.2	21.4	9.8	11.7	1.5	0.2	1.1	2.8
45 to 54 Years.....	23.3	22.7	9.9	12.9	1.7	0.2	1.8	3.4
55 to 64 Years.....	18.0	17.4	7.5	9.5	1.4	0.5	1.7	2.4
65 to 74 Years.....	12.3	12.0	4.6	6.6	0.8	0.3	1.2	1.6
75 Years or More.....	11.7	11.4	4.7	6.3	1.5	Q	0.8	0.9
Adults Age 65 or Older in Household								
Yes.....	26.9	26.2	10.5	14.6	2.5	0.5	2.1	2.8
No.....	84.2	81.3	37.2	44.1	5.5	1.1	5.5	9.5
Children Under Age 5 in Household								
Yes.....	15.0	14.3	6.6	8.0	0.7	Q	0.6	1.1
No.....	96.1	93.1	41.0	50.7	7.3	1.5	6.9	11.2
Children Age 5 to 16 in Household								
Yes.....	28.1	27.0	11.9	15.5	1.7	0.3	1.8	3.3
No.....	83.0	80.5	35.7	43.2	6.3	1.3	5.8	9.1

Table SH2. Total Households by Space Heating Fuels Used, 2005
Million U.S. Households

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Fuels Used (million U.S. households)					
			Electricity	Natural Gas	Fuel Oil	Kerosene	LPG	Other
Age of Main Heating Equipment Used by One Housing Unit								
Less than 2 Years.....	11.7	11.4	5.0	6.2	0.5	0.2	1.0	1.0
2 to 4 Years.....	13.8	13.7	6.7	6.6	0.9	0.2	1.4	1.4
5 to 9 Years.....	20.6	20.2	9.5	10.5	0.9	0.3	2.0	2.0
10 to 19 Years.....	24.8	24.4	11.0	13.4	1.7	0.4	2.1	4.3
20 Years or More.....	21.5	20.9	8.8	12.5	2.3	0.3	0.8	2.8
Don't Know.....	8.6	8.2	4.0	4.7	0.3	Q	Q	0.3
Used by Two or More Housing Units								
Less than 2 Years.....	0.3	0.3	Q	Q	Q	N	N	Q
2 to 4 Years.....	0.4	0.4	Q	Q	Q	N	Q	Q
5 to 9 Years.....	0.6	0.6	Q	Q	Q	N	N	N
10 to 19 Years.....	1.1	1.1	Q	0.7	Q	Q	Q	Q
20 Years or More.....	2.7	2.6	0.8	1.5	0.4	N	Q	Q
Don't Know.....	3.7	3.6	0.9	2.1	0.7	N	Q	Q
Heated Floorspace (Square Feet)								
Fewer than 500.....	9.7	6.1	3.4	2.9	0.2	Q	Q	Q
500 to 999.....	27.7	27.7	13.6	14.0	1.8	0.6	1.5	2.1
1,000 to 1,499.....	26.0	26.0	11.6	13.9	1.7	0.5	1.7	2.2
1,500 to 1,999.....	17.6	17.6	7.3	9.8	1.3	Q	1.5	2.8
2,000 to 2,499.....	10.7	10.7	4.1	6.3	1.2	Q	0.8	1.9
2,500 to 2,999.....	7.7	7.7	3.2	4.9	0.8	Q	0.4	1.0
3,000 to 3,499.....	3.8	3.8	1.3	2.3	0.4	Q	0.4	0.6
3,500 to 3,999.....	2.6	2.6	1.1	1.5	0.4	Q	0.3	0.3
4,000 or More.....	5.2	5.2	2.0	3.2	0.4	Q	0.8	1.2
Weekday Home Activities								
Home Used for Business								
Yes.....	8.9	8.7	3.9	4.6	0.7	Q	1.0	1.7
No.....	102.2	98.7	43.7	54.2	7.3	1.6	6.6	10.6
Energy-Intensive Activity								
Yes.....	2.2	2.2	1.1	1.4	Q	Q	Q	0.4
No.....	108.9	105.2	46.5	57.3	8.0	1.6	7.3	12.0
Someone Home All Day								
Yes.....	56.4	54.6	23.6	29.9	4.4	0.8	4.1	6.1
No.....	54.7	52.9	24.0	28.8	3.6	0.8	3.4	6.2

Table SH2. Total Households by Space Heating Fuels Used, 2005
Million U.S. Households

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Fuels Used (million U.S. households)						
			Electricity	Natural Gas	Fuel Oil	Kerosene	LPG	Other	
Adequacy of Insulation									
Well Insulated.....	42.8	42.1	18.0	22.5	3.3	0.4	3.3	5.7	
Adequately Insulated.....	46.3	44.8	20.2	24.4	3.5	0.6	3.1	4.8	
Poorly Insulated.....	19.0	18.2	8.4	10.4	1.0	0.5	1.1	1.7	
No Insulation.....	1.4	0.9	0.3	0.5	Q	Q	N	Q	
Don't Know.....	1.7	1.5	0.6	0.9	Q	N	Q	Q	
Home is Too Drafty During the Winter									
Never.....	62.9	60.8	27.2	31.7	4.4	0.6	4.5	7.0	
Some of the Time.....	32.4	31.5	13.5	18.0	2.7	0.5	2.3	4.1	
Most of the Time.....	6.1	5.9	2.6	3.6	0.5	0.3	0.3	0.6	
All of the Time.....	5.6	5.5	2.6	3.5	0.3	Q	0.3	0.5	
Don't Know.....	4.1	3.8	1.7	2.0	Q	N	Q	Q	
Unusually High Ceilings									
Yes.....	27.2	26.6	11.9	16.1	1.5	Q	2.1	4.3	
No.....	76.9	74.3	32.0	40.7	6.4	1.1	4.3	7.4	
Not Asked (Mobile Homes).....	6.9	6.5	3.7	2.0	0.2	0.4	1.3	0.6	
Cathedral Ceilings (In Housing Units with High Ceilings)									
Yes.....	17.1	16.7	7.4	9.7	0.9	Q	1.4	2.7	
No.....	10.1	10.0	4.5	6.4	0.6	Q	0.6	1.6	
Type of Glass in Windows									
Single-pane Glass.....	50.7	48.1	24.2	25.1	2.8	0.7	2.6	4.1	
Double-pane Glass									
Without Low-e Coating.....	50.6	49.9	20.0	27.8	4.5	0.7	3.8	6.6	
With Low-e Coating.....	8.0	7.9	2.8	4.8	0.6	Q	1.0	1.4	
Triple-pane Glass									
Without Low-e Coating.....	1.0	0.9	0.4	0.6	Q	N	Q	Q	
With Low-e Coating.....	0.3	0.3	Q	Q	Q	Q	Q	Q	
Proportion of Original Windows Replaced									
All.....	22.4	22.2	7.7	13.2	2.9	0.4	1.6	2.3	
Some.....	21.6	20.9	8.4	12.9	2.2	0.3	1.4	3.0	
None.....	62.3	59.9	29.0	30.4	2.8	0.9	4.5	6.8	
Don't Know.....	4.7	4.5	2.5	2.2	Q	Q	Q	Q	

Table SH2. Total Households by Space Heating Fuels Used, 2005
Million U.S. Households

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Fuels Used (million U.S. households)						
			Electricity	Natural Gas	Fuel Oil	Kerosene	LPG	Other	
Thermostats									
Do Not Have a Thermostat.....	15.3	13.4	6.4	5.6	1.1	0.3	1.4	2.7	
Have a Thermostat.....	95.8	94.1	41.2	53.1	6.9	1.3	6.2	9.6	
1.....	84.5	82.8	36.2	47.2	5.6	1.1	5.1	7.9	
2 or More.....	11.3	11.2	5.0	5.9	1.4	Q	1.1	1.6	
Have a Programmable Thermostat									
Yes.....	33.1	32.6	12.8	21.6	1.9	0.4	1.9	3.7	
No.....	62.7	61.4	28.4	31.5	5.0	0.8	4.3	5.9	
Use of Programmable Thermostats									
Reduces Temperature During Day									
Yes.....	18.6	18.4	6.7	12.9	1.2	Q	0.8	2.0	
No.....	14.5	14.2	6.1	8.7	0.7	Q	1.1	1.6	
Reduces Temperature at Night									
Yes.....	21.5	21.2	8.1	14.8	1.3	0.3	0.9	2.5	
No.....	11.6	11.4	4.8	6.8	0.6	Q	0.9	1.2	

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 SH3. Total Consumption for Space Heating by Major Fuels Used, 2005
Physical Units

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ (millions)	Major Fuels Used ⁴ (physical units)				
			Electricity (billion kWh)	Natural Gas (billion cf)	Fuel Oil (million gal)	Kerosene ⁵ (million gal)	LPG (million gal)
Total	111.1	106.3	82	2,870	5,251	127	3,521
Census Region and Division							
Northeast.....	20.6	20.1	7	768	4,303	26	359
New England.....	5.5	5.3	1	176	1,828	Q	121
Middle Atlantic.....	15.1	14.9	6	592	2,474	Q	238
Midwest.....	25.6	24.8	15	1,178	418	Q	1,350
East North Central.....	17.7	17.1	10	886	389	Q	818
West North Central.....	7.9	7.8	5	292	Q	Q	532
South.....	40.7	39.5	45	484	349	64	1,316
South Atlantic.....	21.7	20.8	26	245	331	54	541
East South Central.....	6.9	6.7	10	107	Q	Q	439
West South Central.....	12.1	11.9	10	132	N	N	336
West.....	24.2	21.9	15	440	181	Q	496
Mountain.....	7.6	7.2	4	191	Q	N	380
Pacific.....	16.6	14.6	11	248	Q	Q	116
Four Most Populated States							
New York.....	7.1	6.9	2	261	1,459	Q	Q
Florida.....	7.0	6.3	4	Q	N	Q	Q
Texas.....	8.0	7.8	6	74	N	N	Q
California.....	12.1	10.7	4	140	Q	N	Q
All Other States.....	76.9	74.6	66	2,390	3,774	118	3,239
Urban/Rural Location (as Self-Reported)							
City.....	47.1	44.3	30	1,265	1,509	13	100
Town.....	19.0	18.5	12	644	1,220	10	151
Suburbs.....	22.7	22.2	16	731	872	Q	184
Rural.....	22.3	21.3	24	230	1,650	92	3,085
Climate Zone¹							
Less than 2,000 CDD and--							
Greater than 7,000 HDD.....	10.9	10.6	5	438	1,137	Q	1,016
5,500 to 7,000 HDD.....	26.1	25.3	14	1,165	2,082	Q	833
4,000 to 5,499 HDD.....	27.3	26.8	26	834	1,927	41	611
Fewer than 4,000 HDD.....	24.0	22.3	20	304	Q	Q	855
2000 CDD or More and--							
Less than 4,000 HDD.....	22.8	21.3	17	129	N	Q	206

Table SH3. Total Consumption for Space Heating by Major Fuels Used, 2005
Physical Units

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ (millions)	Major Fuels Used ⁴ (physical units)					
			Electricity (billion kWh)	Natural Gas (billion cf)	Fuel Oil (million gal)	Kerosene ⁵ (million gal)	LPG (million gal)	
Type of Housing Unit								
Single-Family Detached.....	72.1	70.2	52	2,039	3,966	68	2,929	
Single-Family Attached.....	7.6	7.3	5	249	217	Q	Q	
Apartments in 2-4 Unit Buildings.....	7.8	7.2	5	260	463	N	Q	
Apartments in 5 or More Unit Buildings.....	16.7	15.1	14	246	521	Q	Q	
Mobile Homes.....	6.9	6.5	7	76	84	56	511	
Ownership of Housing Unit								
Owned	78.1	75.9	57	2,152	4,044	108	3,173	
Single-Family Detached.....	64.1	62.5	47	1,827	3,605	59	2,695	
Single-Family Attached.....	4.2	4.1	2	141	Q	Q	Q	
Apartments in 2-4 Unit Buildings.....	1.8	1.8	1	91	156	N	N	
Apartments in 5 or More Unit Buildings.....	2.3	2.1	1	31	Q	N	Q	
Mobile Homes.....	5.7	5.4	6	62	Q	47	443	
Rented	33.0	30.4	26	718	1,207	Q	348	
Single-Family Detached.....	8.0	7.7	5	212	361	Q	234	
Single-Family Attached.....	3.4	3.2	3	108	Q	N	N	
Apartments in 2-4 Unit Buildings.....	5.9	5.4	4	169	307	N	Q	
Apartments in 5 or More Unit Buildings.....	14.4	13.0	12	215	483	Q	Q	
Mobile Homes.....	1.2	1.0	1	14	Q	Q	Q	
Year of Construction								
Before 1940.....	14.7	14.1	6	657	1,888	14	526	
1940 to 1949.....	7.4	7.0	3	239	584	Q	269	
1950 to 1959.....	12.5	12.2	6	398	925	Q	208	
1960 to 1969.....	12.5	11.6	8	362	600	Q	177	
1970 to 1979.....	18.9	17.7	15	393	652	62	482	
1980 to 1989.....	18.6	17.9	19	312	300	19	541	
1990 to 1999.....	17.3	16.8	18	343	217	Q	833	
2000 to 2005.....	9.2	8.9	9	165	84	Q	485	

Table SH3. Total Consumption for Space Heating by Major Fuels Used, 2005
Physical Units

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ (millions)	Major Fuels Used ⁴ (physical units)				
			Electricity (billion kWh)	Natural Gas (billion cf)	Fuel Oil (million gal)	Kerosene ⁵ (million gal)	LPG (million gal)
Household Size							
1 Person.....	30.0	28.9	23	718	1,352	51	765
2 Persons.....	34.8	33.6	25	894	1,830	25	1,556
3 Persons.....	18.4	17.7	15	476	1,019	Q	532
4 Persons.....	15.9	15.0	12	428	651	Q	481
5 Persons.....	7.9	7.4	5	231	310	Q	122
6 or More Persons.....	4.1	3.7	3	123	Q	Q	65
2005 Household Income Category							
Less than \$10,000.....	9.9	9.2	7	239	429	Q	264
\$10,000 to \$14,999.....	8.5	8.0	7	183	496	37	211
\$15,000 to \$19,999.....	8.4	7.9	7	181	433	Q	241
\$20,000 to \$29,999.....	15.1	14.4	11	408	521	Q	350
\$30,000 to \$39,999.....	13.6	12.8	10	296	597	Q	461
\$40,000 to \$49,999.....	11.0	10.6	8	283	507	Q	400
\$50,000 to \$74,999.....	19.8	19.3	14	504	844	Q	707
\$75,000 to \$99,999.....	10.6	10.2	8	304	773	Q	424
\$100,000 or More.....	14.2	13.8	10	473	650	Q	464
Income Relative to Poverty Line							
Below 100 Percent.....	16.6	15.4	12	398	744	37	445
100 to 150 Percent.....	12.9	12.1	10	282	506	46	310
Above 150 Percent.....	81.5	78.8	60	2,190	4,001	43	2,765
Eligible for Federal Assistance²							
Yes.....	38.6	36.1	29	935	1,900	92	940
No.....	72.5	70.3	53	1,935	3,350	34	2,581
Payment Method for Utilities							
All Paid by Household.....	97.5	93.9	74	2,520	4,349	122	3,338
Some Paid, Some in Rent.....	7.6	6.8	4	194	575	Q	Q
All Included in Rent.....	4.7	4.4	3	120	277	Q	Q
Other Method.....	1.3	1.2	2	35	Q	N	Q

Table SH3. Total Consumption for Space Heating by Major Fuels Used, 2005
Physical Units

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ (millions)	Major Fuels Used ⁴ (physical units)					
			Electricity (billion kWh)	Natural Gas (billion cf)	Fuel Oil (million gal)	Kerosene ⁵ (million gal)	LPG (million gal)	
Ethnic Origin of Householder								
Hispanic Descent.....	14.8	13.1	9	290	570	Q	218	
Non-Hispanic Descent.....	96.3	93.2	74	2,580	4,680	126	3,303	
Race of Householder³								
White.....	79.1	76.3	58	2,097	4,142	90	3,009	
Hispanic.....	5.0	4.4	3	75	119	Q	Q	
Non-Hispanic.....	74.1	71.9	55	2,022	4,023	90	2,877	
Black.....	13.4	13.2	12	382	412	33	262	
Hispanic.....	0.3	0.3	Q	Q	Q	N	Q	
Non-Hispanic.....	13.1	12.9	12	373	377	33	239	
Asian.....	3.3	2.9	2	67	Q	N	N	
Multi-Racial.....	1.3	1.2	1	30	Q	Q	Q	
Other.....	7.1	6.6	4	143	287	Q	229	
Undetermined (Race Reported as Hispanic).....	6.9	6.0	4	151	344	N	Q	
Age of Householder								
Under 25 Years.....	5.5	5.0	5	98	165	Q	Q	
25 to 34 Years.....	18.2	17.3	15	422	512	Q	343	
35 to 44 Years.....	22.2	21.1	17	584	889	Q	460	
45 to 54 Years.....	23.3	22.5	18	628	1,155	9	764	
55 to 64 Years.....	18.0	17.1	11	442	942	36	875	
65 to 74 Years.....	12.3	11.9	8	347	537	21	606	
75 Years or More.....	11.7	11.4	7	349	1,050	Q	421	
Adults Age 65 or Older in Household								
Yes.....	26.9	25.8	17	777	1,723	38	1,056	
No.....	84.2	80.5	65	2,093	3,528	88	2,465	
Children Under Age 5 in Household								
Yes.....	15.0	14.2	11	383	434	Q	231	
No.....	96.1	92.1	71	2,487	4,817	121	3,290	
Children Age 5 to 16 in Household								
Yes.....	28.1	26.8	22	781	1,102	Q	782	
No.....	83.0	79.5	61	2,089	4,148	91	2,739	

Table SH3. Total Consumption for Space Heating by Major Fuels Used, 2005
Physical Units

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ (millions)	Major Fuels Used ⁴ (physical units)				
			Electricity (billion kWh)	Natural Gas (billion cf)	Fuel Oil (million gal)	Kerosene ⁵ (million gal)	LPG (million gal)
Age of Main Heating Equipment Used by One Housing Unit							
Less than 2 Years.....	11.7	11.4	10	264	272	Q	482
2 to 4 Years.....	13.8	13.6	11	290	684	13	692
5 to 9 Years.....	20.6	20.1	17	478	523	24	1,012
10 to 19 Years.....	24.8	24.2	19	663	1,158	Q	918
20 Years or More.....	21.5	20.5	15	664	1,577	23	280
Don't Know.....	8.6	8.2	8	231	165	Q	Q
Used by Two or More Housing Units							
Less than 2 Years.....	0.3	0.3	Q	Q	Q	N	N
2 to 4 Years.....	0.4	0.4	Q	Q	Q	N	Q
5 to 9 Years.....	0.6	0.6	Q	18	Q	N	N
10 to 19 Years.....	1.1	1.0	Q	39	Q	Q	Q
20 Years or More.....	2.7	2.4	1	86	241	N	Q
Don't Know.....	3.7	3.5	1	117	451	N	Q
Heated Floorspace (Square Feet)							
Fewer than 500.....	9.7	6.1	6	116	125	Q	81
500 to 999.....	27.7	27.4	22	564	1,046	42	719
1,000 to 1,499.....	26.0	25.8	19	631	1,088	59	786
1,500 to 1,999.....	17.6	17.3	12	480	766	Q	654
2,000 to 2,499.....	10.7	10.6	7	328	778	Q	324
2,500 to 2,999.....	7.7	7.7	6	265	549	Q	128
3,000 to 3,499.....	3.8	3.8	3	155	225	Q	231
3,500 to 3,999.....	2.6	2.6	2	112	362	Q	224
4,000 or More.....	5.2	5.2	5	218	311	Q	374
Weekday Home Activities							
Home Used for Business							
Yes.....	8.9	8.6	6	246	472	Q	487
No.....	102.2	97.7	76	2,624	4,779	123	3,034
Energy-Intensive Activity							
Yes.....	2.2	2.2	2	62	Q	Q	Q
No.....	108.9	104.1	81	2,808	5,213	126	3,424
Someone Home All Day							
Yes.....	56.4	53.8	41	1,523	2,966	70	1,959
No.....	54.7	52.6	42	1,347	2,284	56	1,562

Table SH3. Total Consumption for Space Heating by Major Fuels Used, 2005
Physical Units

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ (millions)	Major Fuels Used ⁴ (physical units)					
			Electricity (billion kWh)	Natural Gas (billion cf)	Fuel Oil (million gal)	Kerosene ⁵ (million gal)	LPG (million gal)	
Adequacy of Insulation								
Well Insulated.....	42.8	41.6	32	1,078	2,185	44	1,622	
Adequately Insulated.....	46.3	44.4	34	1,191	2,215	32	1,418	
Poorly Insulated.....	19.0	17.9	14	528	707	49	448	
No Insulation.....	1.4	0.9	(*)	23	Q	Q	N	
Don't Know.....	1.7	1.5	1	51	Q	N	Q	
Home is Too Drafty During the Winter								
Never.....	62.9	60.1	46	1,453	2,861	46	1,982	
Some of the Time.....	32.4	31.2	23	926	1,787	35	1,179	
Most of the Time.....	6.1	5.8	4	204	339	Q	148	
All of the Time.....	5.6	5.4	5	192	166	Q	128	
Don't Know.....	4.1	3.8	4	94	Q	N	Q	
Unusually High Ceilings								
Yes.....	27.2	26.6	21	748	965	Q	996	
No.....	76.9	73.3	54	2,046	4,201	65	2,014	
Not Asked (Mobile Homes).....	6.9	6.5	7	76	84	56	511	
Cathedral Ceilings (In Housing Units with High Ceilings)								
Yes.....	17.1	16.6	13	421	566	Q	748	
No.....	10.1	10.0	8	327	400	Q	248	
Type of Glass in Windows								
Single-pane Glass.....	50.7	47.6	35	1,158	1,856	71	1,045	
Double-pane Glass								
Without Low-e Coating.....	50.6	49.2	41	1,416	2,843	50	1,800	
With Low-e Coating.....	8.0	7.9	5	241	437	Q	583	
Triple-pane Glass								
Without Low-e Coating.....	1.0	0.9	1	36	Q	N	Q	
With Low-e Coating.....	0.3	0.3	Q	Q	Q	Q	Q	
Proportion of Original Windows Replaced								
All.....	22.4	22.0	13	705	1,867	12	887	
Some.....	21.6	20.6	14	720	1,493	15	566	
None.....	62.3	59.3	51	1,331	1,851	100	2,057	
Don't Know.....	4.7	4.4	4	115	Q	Q	Q	

Table SH3. Total Consumption for Space Heating by Major Fuels Used, 2005
Physical Units

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ (millions)	Major Fuels Used ⁴ (physical units)				
			Electricity (billion kWh)	Natural Gas (billion cf)	Fuel Oil (million gal)	Kerosene ⁵ (million gal)	LPG (million gal)
Thermostats							
Do Not Have a Thermostat.....	15.3	12.8	10	243	604	Q	511
Have a Thermostat.....	95.8	93.5	73	2,627	4,646	88	3,010
1.....	84.5	82.4	61	2,270	3,645	73	2,485
2 or More.....	11.3	11.2	12	358	1,001	Q	525
Have a Programmable Thermostat							
Yes.....	33.1	32.6	20	1,036	1,250	38	929
No.....	62.7	60.9	52	1,591	3,396	50	2,081
Use of Programmable Thermostats							
Reduces Temperature During Day							
Yes.....	18.6	18.4	10	643	774	Q	409
No.....	14.5	14.2	10	393	476	Q	520
Reduces Temperature at Night							
Yes.....	21.5	21.2	12	720	820	20	488
No.....	11.6	11.4	8	316	430	Q	441

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.

4 The major fuels are electricity, natural gas, fuel oil, kerosene, and liquefied petroleum gas (LPG).

5 Kerosene consumption and expenditure estimates could only be calculated for space heating since too few cases in the sample had viable data for water heating and appliances.

Therefore, total estimates for kerosene equal space heating estimates for kerosene.

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 SH4. Total Consumption for Space Heating by Major Fuels Used, 2005
Quadrillion British Thermal Units (Btu)

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ (millions)	Major Fuels Used ⁴ (quadrillion Btu)					
			Total	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Total	111.1	106.3	4.30	0.28	2.95	0.73	0.02	0.32
Census Region and Division								
Northeast.....	20.6	20.1	1.45	0.02	0.79	0.60	(*)	0.03
New England.....	5.5	5.3	0.45	(*)	0.18	0.25	Q	0.01
Middle Atlantic.....	15.1	14.9	1.00	0.02	0.61	0.34	Q	0.02
Midwest.....	25.6	24.8	1.45	0.05	1.21	0.06	Q	0.12
East North Central.....	17.7	17.1	1.08	0.03	0.91	0.05	Q	0.07
West North Central.....	7.9	7.8	0.37	0.02	0.30	Q	Q	0.05
South.....	40.7	39.5	0.83	0.15	0.50	0.05	0.01	0.12
South Atlantic.....	21.7	20.8	0.44	0.09	0.25	0.05	0.01	0.05
East South Central.....	6.9	6.7	0.19	0.03	0.11	Q	Q	0.04
West South Central.....	12.1	11.9	0.20	0.03	0.14	N	N	0.03
West.....	24.2	21.9	0.58	0.05	0.45	0.03	Q	0.05
Mountain.....	7.6	7.2	0.25	0.01	0.20	Q	N	0.03
Pacific.....	16.6	14.6	0.33	0.04	0.26	Q	Q	0.01
Four Most Populated States								
New York.....	7.1	6.9	0.49	0.01	0.27	0.20	Q	Q
Florida.....	7.0	6.3	0.02	0.01	Q	N	Q	Q
Texas.....	8.0	7.8	0.10	0.02	0.08	N	N	Q
California.....	12.1	10.7	0.17	0.01	0.14	Q	N	Q
All Other States.....	76.9	74.6	3.52	0.22	2.46	0.52	0.02	0.30
Urban/Rural Location (as Self-Reported)								
City.....	47.1	44.3	1.62	0.10	1.30	0.21	(*)	0.01
Town.....	19.0	18.5	0.89	0.04	0.66	0.17	(*)	0.01
Suburbs.....	22.7	22.2	0.95	0.05	0.75	0.12	Q	0.02
Rural.....	22.3	21.3	0.84	0.08	0.24	0.23	0.01	0.28
Climate Zone¹								
Less than 2,000 CDD and--								
Greater than 7,000 HDD.....	10.9	10.6	0.72	0.02	0.45	0.16	Q	0.09
5,500 to 7,000 HDD.....	26.1	25.3	1.62	0.05	1.20	0.29	Q	0.08
4,000 to 5,499 HDD.....	27.3	26.8	1.28	0.09	0.86	0.27	0.01	0.06
Fewer than 4,000 HDD.....	24.0	22.3	0.48	0.07	0.31	Q	Q	0.08
2000 CDD or More and--								
Less than 4,000 HDD.....	22.8	21.3	0.21	0.06	0.13	N	Q	0.02

Table SH4. Total Consumption for Space Heating by Major Fuels Used, 2005
Quadrillion British Thermal Units (Btu)

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ (millions)	Major Fuels Used ⁴ (quadrillion Btu)						
			Total	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG	
Type of Housing Unit									
Single-Family Detached.....	72.1	70.2	3.10	0.18	2.10	0.55	0.01	0.27	
Single-Family Attached.....	7.6	7.3	0.31	0.02	0.26	0.03	Q	Q	
Apartments in 2-4 Unit Buildings.....	7.8	7.2	0.35	0.02	0.27	0.06	N	Q	
Apartments in 5 or More Unit Buildings.....	16.7	15.1	0.38	0.05	0.25	0.07	Q	Q	
Mobile Homes.....	6.9	6.5	0.17	0.03	0.08	0.01	0.01	0.05	
Ownership of Housing Unit									
Owned	78.1	75.9	3.27	0.19	2.21	0.56	0.01	0.29	
Single-Family Detached.....	64.1	62.5	2.79	0.16	1.88	0.50	0.01	0.25	
Single-Family Attached.....	4.2	4.1	0.18	0.01	0.14	Q	Q	Q	
Apartments in 2-4 Unit Buildings.....	1.8	1.8	0.12	(*)	0.09	0.02	N	N	
Apartments in 5 or More Unit Buildings.....	2.3	2.1	0.04	(*)	0.03	Q	N	Q	
Mobile Homes.....	5.7	5.4	0.14	0.02	0.06	Q	0.01	0.04	
Rented	33.0	30.4	1.03	0.09	0.74	0.17	Q	0.03	
Single-Family Detached.....	8.0	7.7	0.31	0.02	0.22	0.05	Q	0.02	
Single-Family Attached.....	3.4	3.2	0.12	0.01	0.11	Q	N	N	
Apartments in 2-4 Unit Buildings.....	5.9	5.4	0.23	0.01	0.17	0.04	N	Q	
Apartments in 5 or More Unit Buildings.....	14.4	13.0	0.33	0.04	0.22	0.07	Q	Q	
Mobile Homes.....	1.2	1.0	0.03	(*)	0.01	Q	Q	0.01	
Year of Construction									
Before 1940.....	14.7	14.1	1.01	0.02	0.68	0.26	(*)	0.05	
1940 to 1949.....	7.4	7.0	0.36	0.01	0.25	0.08	Q	0.02	
1950 to 1959.....	12.5	12.2	0.58	0.02	0.41	0.13	Q	0.02	
1960 to 1969.....	12.5	11.6	0.50	0.03	0.37	0.08	Q	0.02	
1970 to 1979.....	18.9	17.7	0.60	0.05	0.40	0.09	0.01	0.04	
1980 to 1989.....	18.6	17.9	0.48	0.06	0.32	0.04	(*)	0.05	
1990 to 1999.....	17.3	16.8	0.52	0.06	0.35	0.03	Q	0.08	
2000 to 2005.....	9.2	8.9	0.26	0.03	0.17	0.01	Q	0.04	

Table SH4. Total Consumption for Space Heating by Major Fuels Used, 2005
Quadrillion British Thermal Units (Btu)

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ (millions)	Major Fuels Used ⁴ (quadrillion Btu)					
			Total	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Household Size								
1 Person.....	30.0	28.9	1.08	0.08	0.74	0.19	0.01	0.07
2 Persons.....	34.8	33.6	1.41	0.09	0.92	0.25	(*)	0.14
3 Persons.....	18.4	17.7	0.73	0.05	0.49	0.14	Q	0.05
4 Persons.....	15.9	15.0	0.61	0.04	0.44	0.09	Q	0.04
5 Persons.....	7.9	7.4	0.31	0.02	0.24	0.04	Q	0.01
6 or More Persons.....	4.1	3.7	0.15	0.01	0.13	Q	Q	0.01
2005 Household Income Category								
Less than \$10,000.....	9.9	9.2	0.36	0.02	0.25	0.06	Q	0.02
\$10,000 to \$14,999.....	8.5	8.0	0.30	0.02	0.19	0.07	(*)	0.02
\$15,000 to \$19,999.....	8.4	7.9	0.29	0.02	0.19	0.06	Q	0.02
\$20,000 to \$29,999.....	15.1	14.4	0.57	0.04	0.42	0.07	Q	0.03
\$30,000 to \$39,999.....	13.6	12.8	0.47	0.04	0.30	0.08	Q	0.04
\$40,000 to \$49,999.....	11.0	10.6	0.43	0.03	0.29	0.07	Q	0.04
\$50,000 to \$74,999.....	19.8	19.3	0.75	0.05	0.52	0.12	Q	0.06
\$75,000 to \$99,999.....	10.6	10.2	0.49	0.03	0.31	0.11	Q	0.04
\$100,000 or More.....	14.2	13.8	0.65	0.03	0.49	0.09	Q	0.04
Income Relative to Poverty Line								
Below 100 Percent.....	16.6	15.4	0.60	0.04	0.41	0.10	0.01	0.04
100 to 150 Percent.....	12.9	12.1	0.43	0.03	0.29	0.07	0.01	0.03
Above 150 Percent.....	81.5	78.8	3.27	0.21	2.25	0.55	0.01	0.25
Eligible for Federal Assistance²								
Yes.....	38.6	36.1	1.42	0.10	0.96	0.26	0.01	0.09
No.....	72.5	70.3	2.88	0.18	1.99	0.46	(*)	0.24
Payment Method for Utilities								
All Paid by Household.....	97.5	93.9	3.77	0.25	2.59	0.60	0.02	0.30
Some Paid, Some in Rent.....	7.6	6.8	0.30	0.01	0.20	0.08	Q	Q
All Included in Rent.....	4.7	4.4	0.18	0.01	0.12	0.04	Q	Q
Other Method.....	1.3	1.2	0.05	0.01	0.04	Q	N	Q

Table SH4. Total Consumption for Space Heating by Major Fuels Used, 2005
Quadrillion British Thermal Units (Btu)

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ (millions)	Major Fuels Used ⁴ (quadrillion Btu)						
			Total	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG	
Ethnic Origin of Householder									
Hispanic Descent.....	14.8	13.1	0.43	0.03	0.30	0.08	Q	0.02	
Non-Hispanic Descent.....	96.3	93.2	3.88	0.25	2.66	0.65	0.02	0.30	
Race of Householder³									
White.....	79.1	76.3	3.22	0.20	2.16	0.57	0.01	0.27	
Hispanic.....	5.0	4.4	0.12	0.01	0.08	0.02	Q	Q	
Non-Hispanic.....	74.1	71.9	3.10	0.19	2.08	0.56	0.01	0.26	
Black.....	13.4	13.2	0.52	0.04	0.39	0.06	(*)	0.02	
Hispanic.....	0.3	0.3	0.02	Q	Q	Q	N	Q	
Non-Hispanic.....	13.1	12.9	0.50	0.04	0.38	0.05	(*)	0.02	
Asian.....	3.3	2.9	0.08	0.01	0.07	Q	N	N	
Multi-Racial.....	1.3	1.2	0.04	(*)	0.03	Q	Q	Q	
Other.....	7.1	6.6	0.22	0.01	0.15	0.04	Q	0.02	
Undetermined (Race Reported as Hispanic).....	6.9	6.0	0.22	0.01	0.16	0.05	N	Q	
Age of Householder									
Under 25 Years.....	5.5	5.0	0.15	0.02	0.10	0.02	Q	Q	
25 to 34 Years.....	18.2	17.3	0.59	0.05	0.43	0.07	Q	0.03	
35 to 44 Years.....	22.2	21.1	0.83	0.06	0.60	0.12	Q	0.04	
45 to 54 Years.....	23.3	22.5	0.94	0.06	0.65	0.16	(*)	0.07	
55 to 64 Years.....	18.0	17.1	0.71	0.04	0.45	0.13	(*)	0.08	
65 to 74 Years.....	12.3	11.9	0.52	0.03	0.36	0.07	(*)	0.06	
75 Years or More.....	11.7	11.4	0.57	0.03	0.36	0.15	Q	0.04	
Adults Age 65 or Older in Household									
Yes.....	26.9	25.8	1.20	0.06	0.80	0.24	0.01	0.10	
No.....	84.2	80.5	3.10	0.22	2.15	0.49	0.01	0.23	
Children Under Age 5 in Household									
Yes.....	15.0	14.2	0.52	0.04	0.39	0.06	Q	0.02	
No.....	96.1	92.1	3.79	0.24	2.56	0.67	0.02	0.30	
Children Age 5 to 16 in Household									
Yes.....	28.1	26.8	1.11	0.07	0.80	0.15	Q	0.07	
No.....	83.0	79.5	3.19	0.21	2.15	0.58	0.01	0.25	

Table SH4. Total Consumption for Space Heating by Major Fuels Used, 2005
Quadrillion British Thermal Units (Btu)

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ (millions)	Major Fuels Used ⁴ (quadrillion Btu)						
			Total	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG	
Age of Main Heating Equipment									
Used by One Housing Unit									
Less than 2 Years.....	11.7	11.4	0.39	0.03	0.27	0.04	Q	0.04	
2 to 4 Years.....	13.8	13.6	0.49	0.04	0.30	0.09	(*)	0.06	
5 to 9 Years.....	20.6	20.1	0.72	0.06	0.49	0.07	(*)	0.09	
10 to 19 Years.....	24.8	24.2	0.99	0.06	0.68	0.16	Q	0.08	
20 Years or More.....	21.5	20.5	0.98	0.05	0.68	0.22	(*)	0.03	
Don't Know.....	8.6	8.2	0.29	0.03	0.24	0.02	Q	Q	
Used by Two or More Housing Units									
Less than 2 Years.....	0.3	0.3	0.01	Q	Q	Q	N	N	
2 to 4 Years.....	0.4	0.4	0.02	Q	Q	Q	N	Q	
5 to 9 Years.....	0.6	0.6	0.03	Q	0.02	Q	N	N	
10 to 19 Years.....	1.1	1.0	0.05	Q	0.04	Q	Q	Q	
20 Years or More.....	2.7	2.4	0.13	(*)	0.09	0.03	N	Q	
Don't Know.....	3.7	3.5	0.19	(*)	0.12	0.06	N	Q	
Heated Floorspace (Square Feet)									
Fewer than 500.....	9.7	6.1	0.16	0.02	0.12	0.02	Q	0.01	
500 to 999.....	27.7	27.4	0.87	0.08	0.58	0.15	0.01	0.07	
1,000 to 1,499.....	26.0	25.8	0.95	0.07	0.65	0.15	0.01	0.07	
1,500 to 1,999.....	17.6	17.3	0.70	0.04	0.49	0.11	Q	0.06	
2,000 to 2,499.....	10.7	10.6	0.50	0.02	0.34	0.11	Q	0.03	
2,500 to 2,999.....	7.7	7.7	0.38	0.02	0.27	0.08	Q	0.01	
3,000 to 3,499.....	3.8	3.8	0.22	0.01	0.16	0.03	Q	0.02	
3,500 to 3,999.....	2.6	2.6	0.19	0.01	0.12	0.05	Q	0.02	
4,000 or More.....	5.2	5.2	0.32	0.02	0.22	0.04	Q	0.03	
Weekday Home Activities									
Home Used for Business									
Yes.....	8.9	8.6	0.38	0.02	0.25	0.07	Q	0.04	
No.....	102.2	97.7	3.92	0.26	2.70	0.66	0.02	0.28	
Energy-Intensive Activity									
Yes.....	2.2	2.2	0.08	0.01	0.06	Q	Q	Q	
No.....	108.9	104.1	4.22	0.27	2.89	0.72	0.02	0.31	
Someone Home All Day									
Yes.....	56.4	53.8	2.31	0.14	1.57	0.41	0.01	0.18	
No.....	54.7	52.6	2.00	0.14	1.39	0.32	0.01	0.14	

Table SH4. Total Consumption for Space Heating by Major Fuels Used, 2005
Quadrillion British Thermal Units (Btu)

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ (millions)	Major Fuels Used ⁴ (quadrillion Btu)						
			Total	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG	
Adequacy of Insulation									
Well Insulated.....	42.8	41.6	1.68	0.11	1.11	0.30	0.01	0.15	
Adequately Insulated.....	46.3	44.4	1.78	0.12	1.23	0.31	(*)	0.13	
Poorly Insulated.....	19.0	17.9	0.74	0.05	0.54	0.10	0.01	0.04	
No Insulation.....	1.4	0.9	0.04	(*)	0.02	Q	Q	N	
Don't Know.....	1.7	1.5	0.06	(*)	0.05	Q	N	Q	
Home is Too Drafty During the Winter									
Never.....	62.9	60.1	2.24	0.16	1.50	0.40	0.01	0.18	
Some of the Time.....	32.4	31.2	1.39	0.08	0.95	0.25	(*)	0.11	
Most of the Time.....	6.1	5.8	0.29	0.01	0.21	0.05	Q	0.01	
All of the Time.....	5.6	5.4	0.25	0.02	0.20	0.02	Q	0.01	
Don't Know.....	4.1	3.8	0.13	0.01	0.10	Q	N	Q	
Unusually High Ceilings									
Yes.....	27.2	26.6	1.07	0.07	0.77	0.13	Q	0.09	
No.....	76.9	73.3	3.07	0.18	2.11	0.58	0.01	0.18	
Not Asked (Mobile Homes).....	6.9	6.5	0.17	0.03	0.08	0.01	0.01	0.05	
Cathedral Ceilings (In Housing Units with High Ceilings)									
Yes.....	17.1	16.6	0.63	0.05	0.43	0.08	Q	0.07	
No.....	10.1	10.0	0.44	0.03	0.34	0.06	Q	0.02	
Type of Glass in Windows									
Single-pane Glass.....	50.7	47.6	1.67	0.12	1.19	0.26	0.01	0.10	
Double-pane Glass									
Without Low-e Coating.....	50.6	49.2	2.16	0.14	1.46	0.39	0.01	0.16	
With Low-e Coating.....	8.0	7.9	0.38	0.02	0.25	0.06	Q	0.05	
Triple-pane Glass									
Without Low-e Coating.....	1.0	0.9	0.05	(*)	0.04	Q	N	Q	
With Low-e Coating.....	0.3	0.3	0.02	Q	Q	Q	Q	Q	
Proportion of Original Windows Replaced									
All.....	22.4	22.0	1.11	0.04	0.73	0.26	(*)	0.08	
Some.....	21.6	20.6	1.05	0.05	0.74	0.21	(*)	0.05	
None.....	62.3	59.3	2.00	0.18	1.37	0.26	0.01	0.19	
Don't Know.....	4.7	4.4	0.14	0.02	0.12	Q	Q	Q	

Table SH4. Total Consumption for Space Heating by Major Fuels Used, 2005
Quadrillion British Thermal Units (Btu)

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ (millions)	Major Fuels Used ⁴ (quadrillion Btu)						
			Total	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG	
Thermostats									
Do Not Have a Thermostat.....	15.3	12.8	0.42	0.03	0.25	0.08	Q	0.05	
Have a Thermostat.....	95.8	93.5	3.88	0.25	2.70	0.64	0.01	0.27	
1.....	84.5	82.4	3.29	0.21	2.34	0.51	0.01	0.23	
2 or More.....	11.3	11.2	0.60	0.04	0.37	0.14	Q	0.05	
Have a Programmable Thermostat									
Yes.....	33.1	32.6	1.40	0.07	1.07	0.17	0.01	0.08	
No.....	62.7	60.9	2.48	0.18	1.64	0.47	0.01	0.19	
Use of Programmable Thermostats									
Reduces Temperature During Day									
Yes.....	18.6	18.4	0.84	0.03	0.66	0.11	Q	0.04	
No.....	14.5	14.2	0.56	0.04	0.40	0.07	Q	0.05	
Reduces Temperature at Night									
Yes.....	21.5	21.2	0.94	0.04	0.74	0.11	(*)	0.04	
No.....	11.6	11.4	0.46	0.03	0.33	0.06	Q	0.04	

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.

4 The major fuels are electricity, natural gas, fuel oil, kerosene, and liquefied petroleum gas (LPG).

5 Kerosene consumption and expenditure estimates could only be calculated for space heating since too few cases in the sample had viable data for water heating and appliances. Therefore, total estimates for kerosene equal space heating estimates for kerosene.

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 SH5. Total Expenditures for Space Heating by Major Fuels Used, 2005
Billion Dollars

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ (millions)	Major Fuels Used ⁴ (billion Dollars)					
			Total	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Total	111.1	106.3	56.73	7.42	31.97	10.75	0.24	6.35
Census Region and Division								
Northeast.....	20.6	20.1	19.51	0.82	9.26	8.77	0.05	0.61
New England.....	5.5	5.3	6.27	0.16	2.25	3.67	Q	0.16
Middle Atlantic.....	15.1	14.9	13.25	0.66	7.01	5.10	Q	0.45
Midwest.....	25.6	24.8	16.75	1.21	12.44	0.86	Q	2.18
East North Central.....	17.7	17.1	12.10	0.83	9.11	0.80	Q	1.31
West North Central.....	7.9	7.8	4.65	0.39	3.33	Q	Q	0.86
South.....	40.7	39.5	13.19	3.94	5.74	0.73	0.12	2.65
South Atlantic.....	21.7	20.8	7.20	2.27	2.96	0.70	0.10	1.17
East South Central.....	6.9	6.7	2.94	0.72	1.31	Q	Q	0.85
West South Central.....	12.1	11.9	3.06	0.96	1.47	N	N	0.63
West.....	24.2	21.9	7.28	1.44	4.53	0.38	Q	0.91
Mountain.....	7.6	7.2	3.02	0.40	1.92	Q	N	0.67
Pacific.....	16.6	14.6	4.26	1.05	2.61	Q	Q	0.24
Four Most Populated States								
New York.....	7.1	6.9	6.84	0.30	3.25	3.03	Q	Q
Florida.....	7.0	6.3	0.55	0.45	Q	N	Q	Q
Texas.....	8.0	7.8	1.67	0.69	0.83	N	N	Q
California.....	12.1	10.7	2.22	0.52	1.54	Q	N	Q
All Other States.....	76.9	74.6	45.45	5.47	26.26	7.69	0.23	5.81
Urban/Rural Location (as Self-Reported)								
City.....	47.1	44.3	20.24	2.86	14.05	3.07	0.02	0.24
Town.....	19.0	18.5	11.04	1.09	7.18	2.49	0.02	0.27
Suburbs.....	22.7	22.2	11.84	1.41	8.22	1.81	Q	0.38
Rural.....	22.3	21.3	13.60	2.06	2.52	3.38	0.18	5.47
Climate Zone¹								
Less than 2,000 CDD and--								
Greater than 7,000 HDD.....	10.9	10.6	8.86	0.47	4.47	2.28	Q	1.63
5,500 to 7,000 HDD.....	26.1	25.3	19.78	1.20	12.88	4.23	Q	1.40
4,000 to 5,499 HDD.....	27.3	26.8	17.11	2.18	9.57	4.03	0.08	1.25
Fewer than 4,000 HDD.....	24.0	22.3	7.26	1.88	3.49	Q	Q	1.62
2000 CDD or More and--								
Less than 4,000 HDD.....	22.8	21.3	3.72	1.70	1.56	N	Q	0.45

Table SH5. Total Expenditures for Space Heating by Major Fuels Used, 2005
Billion Dollars

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ (millions)	Major Fuels Used ⁴ (billion Dollars)						
			Total	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG	
Type of Housing Unit									
Single-Family Detached.....	72.1	70.2	40.89	4.55	22.82	8.12	0.13		5.28
Single-Family Attached.....	7.6	7.3	3.76	0.48	2.79	0.44	Q		Q
Apartments in 2-4 Unit Buildings.....	7.8	7.2	4.43	0.43	3.05	0.95	N		Q
Apartments in 5 or More Unit Buildings.....	16.7	15.1	4.93	1.33	2.45	1.06	Q		Q
Mobile Homes.....	6.9	6.5	2.71	0.63	0.86	0.18	0.11		0.93
Ownership of Housing Unit									
Owned	78.1	75.9	43.44	5.02	24.19	8.32	0.20		5.71
Single-Family Detached.....	64.1	62.5	36.89	4.09	20.45	7.41	0.11		4.82
Single-Family Attached.....	4.2	4.1	2.23	0.22	1.57	Q	Q		Q
Apartments in 2-4 Unit Buildings.....	1.8	1.8	1.52	0.07	1.13	0.32	N		N
Apartments in 5 or More Unit Buildings.....	2.3	2.1	0.54	0.12	0.31	Q	N		Q
Mobile Homes.....	5.7	5.4	2.26	0.52	0.71	Q	0.09		0.82
Rented	33.0	30.4	13.29	2.40	7.79	2.43	Q		0.64
Single-Family Detached.....	8.0	7.7	4.01	0.46	2.36	0.71	Q		0.45
Single-Family Attached.....	3.4	3.2	1.53	0.26	1.22	Q	N		N
Apartments in 2-4 Unit Buildings.....	5.9	5.4	2.91	0.36	1.92	0.62	N		Q
Apartments in 5 or More Unit Buildings.....	14.4	13.0	4.39	1.21	2.13	0.98	Q		Q
Mobile Homes.....	1.2	1.0	0.46	0.11	0.15	Q	Q		Q
Year of Construction									
Before 1940.....	14.7	14.1	12.75	0.55	7.40	3.86	0.03		0.91
1940 to 1949.....	7.4	7.0	4.50	0.26	2.60	1.20	Q		0.43
1950 to 1959.....	12.5	12.2	7.34	0.54	4.50	1.90	Q		0.38
1960 to 1969.....	12.5	11.6	6.33	0.69	4.08	1.23	Q		0.33
1970 to 1979.....	18.9	17.7	8.09	1.33	4.37	1.37	0.12		0.91
1980 to 1989.....	18.6	17.9	6.79	1.67	3.41	0.61	0.04		1.05
1990 to 1999.....	17.3	16.8	7.30	1.59	3.74	0.44	Q		1.52
2000 to 2005.....	9.2	8.9	3.62	0.78	1.87	0.16	Q		0.81

Table SH5. Total Expenditures for Space Heating by Major Fuels Used, 2005
Billion Dollars

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ (millions)	Major Fuels Used ⁴ (billion Dollars)						
			Total	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG	
Household Size									
1 Person.....	30.0	28.9	14.18	2.11	7.87	2.76	0.10	1.33	
2 Persons.....	34.8	33.6	18.89	2.21	10.13	3.77	0.05	2.74	
3 Persons.....	18.4	17.7	9.76	1.30	5.36	2.11	Q	0.94	
4 Persons.....	15.9	15.0	8.07	1.07	4.69	1.33	Q	0.98	
5 Persons.....	7.9	7.4	3.92	0.47	2.57	0.62	Q	0.23	
6 or More Persons.....	4.1	3.7	1.91	0.26	1.35	Q	Q	0.13	
2005 Household Income Category									
Less than \$10,000.....	9.9	9.2	4.67	0.66	2.62	0.87	Q	0.48	
\$10,000 to \$14,999.....	8.5	8.0	4.03	0.63	1.92	1.01	0.07	0.39	
\$15,000 to \$19,999.....	8.4	7.9	3.92	0.61	1.97	0.86	Q	0.46	
\$20,000 to \$29,999.....	15.1	14.4	7.36	1.03	4.50	1.07	Q	0.69	
\$30,000 to \$39,999.....	13.6	12.8	6.39	0.92	3.40	1.24	Q	0.82	
\$40,000 to \$49,999.....	11.0	10.6	5.62	0.70	3.18	1.03	Q	0.70	
\$50,000 to \$74,999.....	19.8	19.3	9.82	1.26	5.63	1.74	Q	1.17	
\$75,000 to \$99,999.....	10.6	10.2	6.66	0.73	3.55	1.57	Q	0.82	
\$100,000 or More.....	14.2	13.8	8.26	0.89	5.20	1.35	Q	0.81	
Income Relative to Poverty Line									
Below 100 Percent.....	16.6	15.4	7.83	1.12	4.31	1.51	0.06	0.83	
100 to 150 Percent.....	12.9	12.1	5.74	0.90	3.11	1.03	0.09	0.61	
Above 150 Percent.....	81.5	78.8	43.16	5.40	24.56	8.21	0.08	4.91	
Eligible for Federal Assistance²									
Yes.....	38.6	36.1	18.72	2.64	10.24	3.87	0.17	1.79	
No.....	72.5	70.3	38.01	4.78	21.73	6.88	0.07	4.56	
Payment Method for Utilities									
All Paid by Household.....	97.5	93.9	50.38	6.61	28.58	8.91	0.23	6.04	
Some Paid, Some in Rent.....	7.6	6.8	3.71	0.40	1.94	1.17	Q	Q	
All Included in Rent.....	4.7	4.4	2.01	0.28	1.08	0.56	Q	Q	
Other Method.....	1.3	1.2	0.63	0.13	0.37	Q	N	Q	

Table SH5. Total Expenditures for Space Heating by Major Fuels Used, 2005
Billion Dollars

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ (millions)	Major Fuels Used ⁴ (billion Dollars)					
			Total	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Ethnic Origin of Householder								
Hispanic Descent.....	14.8	13.1	5.68	0.86	3.26	1.16	Q	0.39
Non-Hispanic Descent.....	96.3	93.2	51.05	6.56	28.72	9.58	0.24	5.96
Race of Householder³								
White.....	79.1	76.3	42.66	5.14	23.49	8.48	0.17	5.38
Hispanic.....	5.0	4.4	1.62	0.30	0.85	0.25	Q	Q
Non-Hispanic.....	74.1	71.9	41.04	4.84	22.64	8.23	0.17	5.16
Black.....	13.4	13.2	6.74	1.13	4.21	0.84	Q	0.49
Hispanic.....	0.3	0.3	0.26	Q	Q	Q	N	Q
Non-Hispanic.....	13.1	12.9	6.49	1.11	4.08	0.77	Q	0.45
Asian.....	3.3	2.9	1.04	0.20	0.73	Q	N	N
Multi-Racial.....	1.3	1.2	0.51	0.09	0.35	Q	Q	Q
Other.....	7.1	6.6	2.95	0.42	1.53	0.59	Q	0.41
Undetermined (Race Reported as Hispanic).....	6.9	6.0	2.84	0.43	1.66	0.70	N	Q
Age of Householder								
Under 25 Years.....	5.5	5.0	1.99	0.48	1.08	0.33	Q	Q
25 to 34 Years.....	18.2	17.3	7.78	1.34	4.70	1.04	Q	0.65
35 to 44 Years.....	22.2	21.1	10.79	1.58	6.47	1.82	Q	0.89
45 to 54 Years.....	23.3	22.5	12.32	1.60	6.97	2.35	0.02	1.38
55 to 64 Years.....	18.0	17.1	9.60	1.01	5.09	1.94	0.07	1.48
65 to 74 Years.....	12.3	11.9	6.79	0.72	3.83	1.11	0.04	1.10
75 Years or More.....	11.7	11.4	7.44	0.67	3.83	2.15	Q	0.76
Adults Age 65 or Older in Household								
Yes.....	d							
No.....	26.9	25.8	15.65	1.54	8.59	3.53	0.07	1.92
Yes.....	84.2	80.5	41.08	5.88	23.38	7.22	0.17	4.43
Children Under Age 5 in Household								
Yes.....	15.0	14.2	6.76	1.06	4.35	0.89	Q	0.45
No.....	96.1	92.1	49.97	6.36	27.62	9.86	0.23	5.90
Children Age 5 to 16 in Household								
Yes.....	28.1	26.8	14.40	1.96	8.64	2.24	Q	1.49
No.....	83.0	79.5	42.33	5.46	23.33	8.50	0.17	4.86

Table SH5. Total Expenditures for Space Heating by Major Fuels Used, 2005
Billion Dollars

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ (millions)	Major Fuels Used ⁴ (billion Dollars)					
			Total	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Age of Main Heating Equipment								
Used by One Housing Unit								
Less than 2 Years.....	11.7	11.4	5.31	0.83	2.95	0.56	Q	0.90
2 to 4 Years.....	13.8	13.6	6.83	0.97	3.30	1.41	Q	1.12
5 to 9 Years.....	20.6	20.1	9.75	1.45	5.37	1.09	0.05	1.79
10 to 19 Years.....	24.8	24.2	13.37	1.66	7.56	2.38	Q	1.72
20 Years or More.....	21.5	20.5	12.61	1.39	7.40	3.20	0.05	0.57
Don't Know.....	8.6	8.2	3.72	0.71	2.54	0.33	Q	Q
Used by Two or More Housing Units								
Less than 2 Years.....	0.3	0.3	0.15	Q	Q	Q	N	N
2 to 4 Years.....	0.4	0.4	0.24	Q	Q	Q	N	Q
5 to 9 Years.....	0.6	0.6	0.32	Q	0.16	Q	N	N
10 to 19 Years.....	1.1	1.0	0.63	Q	0.42	Q	Q	Q
20 Years or More.....	2.7	2.4	1.45	0.12	0.82	0.49	N	Q
Don't Know.....	3.7	3.5	2.35	0.15	1.23	0.92	N	Q
Heated Floorspace (Square Feet)								
Fewer than 500.....	9.7	6.1	2.27	0.53	1.30	0.25	Q	0.17
500 to 999.....	27.7	27.4	11.72	2.11	6.12	2.14	0.08	1.26
1,000 to 1,499.....	26.0	25.8	12.53	1.69	7.09	2.24	0.11	1.40
1,500 to 1,999.....	17.6	17.3	9.28	1.05	5.43	1.57	Q	1.22
2,000 to 2,499.....	10.7	10.6	6.54	0.66	3.69	1.57	Q	0.61
2,500 to 2,999.....	7.7	7.7	4.86	0.54	2.94	1.12	Q	0.26
3,000 to 3,499.....	3.8	3.8	2.84	0.24	1.76	0.47	Q	0.36
3,500 to 3,999.....	2.6	2.6	2.49	0.17	1.23	0.75	Q	0.34
4,000 or More.....	5.2	5.2	4.20	0.43	2.42	0.64	Q	0.72
Weekday Home Activities								
Home Used for Business								
Yes.....	8.9	8.6	5.10	0.55	2.72	1.01	Q	0.82
No.....	102.2	97.7	51.62	6.87	29.26	9.74	0.24	5.53
Energy-Intensive Activity								
Yes.....	2.2	2.2	1.12	0.17	0.70	Q	Q	Q
No.....	108.9	104.1	55.61	7.25	31.27	10.67	0.24	6.18
Someone Home All Day								
Yes.....	56.4	53.8	30.30	3.63	16.95	6.06	0.13	3.53
No.....	54.7	52.6	26.43	3.79	15.02	4.69	0.11	2.82

Table SH5. Total Expenditures for Space Heating by Major Fuels Used, 2005
Billion Dollars

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ (millions)	Major Fuels Used ⁴ (billion Dollars)						
			Total	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG	
Adequacy of Insulation									
Well Insulated.....	42.8	41.6	22.17	2.91	11.89	4.47	0.08	2.82	
Adequately Insulated.....	46.3	44.4	23.58	3.05	13.31	4.53	0.06	2.62	
Poorly Insulated.....	19.0	17.9	9.60	1.28	5.92	1.44	0.09	0.86	
No Insulation.....	1.4	0.9	0.52	0.05	0.24	Q	Q	N	
Don't Know.....	1.7	1.5	0.86	0.12	0.62	Q	N	Q	
Home is Too Drafty During the Winter									
Never.....	62.9	60.1	29.83	4.17	16.05	5.86	0.08	3.67	
Some of the Time.....	32.4	31.2	18.29	2.12	10.43	3.67	0.07	2.01	
Most of the Time.....	6.1	5.8	3.71	0.37	2.32	0.68	Q	0.28	
All of the Time.....	5.6	5.4	3.12	0.41	2.10	0.34	Q	0.25	
Don't Know.....	4.1	3.8	1.78	0.35	1.07	Q	N	Q	
Unusually High Ceilings									
Yes.....	27.2	26.6	14.00	1.92	8.31	1.95	Q	1.82	
No.....	76.9	73.3	40.02	4.87	22.80	8.62	0.12	3.60	
Not Asked (Mobile Homes).....	6.9	6.5	2.71	0.63	0.86	0.18	0.11	0.93	
Cathedral Ceilings (In Housing Units with High Ceilings)									
Yes.....	17.1	16.6	8.37	1.24	4.63	1.13	Q	1.35	
No.....	10.1	10.0	5.63	0.67	3.68	0.81	Q	0.47	
Type of Glass in Windows									
Single-pane Glass.....	50.7	47.6	22.16	3.22	13.02	3.84	0.14	1.94	
Double-pane Glass									
Without Low-e Coating.....	50.6	49.2	28.50	3.64	15.67	5.79	0.09	3.31	
With Low-e Coating.....	8.0	7.9	4.96	0.46	2.67	0.89	Q	0.93	
Triple-pane Glass									
Without Low-e Coating.....	1.0	0.9	0.64	0.07	0.40	Q	N	Q	
With Low-e Coating.....	0.3	0.3	0.27	Q	Q	Q	Q	Q	
Proportion of Original Windows Replaced									
All.....	22.4	22.0	14.53	1.17	7.95	3.84	0.03	1.55	
Some.....	21.6	20.6	13.39	1.22	8.02	3.02	0.03	1.09	
None.....	62.3	59.3	27.04	4.61	14.74	3.81	0.19	3.69	
Don't Know.....	4.7	4.4	1.77	0.42	1.26	Q	Q	Q	

Table SH5. Total Expenditures for Space Heating by Major Fuels Used, 2005
Billion Dollars

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ (millions)	Major Fuels Used ⁴ (billion Dollars)						
			Total	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG	
Thermostats									
Do Not Have a Thermostat.....	15.3	12.8	5.89	0.95	2.62	1.23	Q	1.01	
Have a Thermostat.....	95.8	93.5	50.84	6.47	29.35	9.51	0.17	5.34	
1.....	84.5	82.4	42.68	5.49	25.21	7.46	0.14	4.39	
2 or More.....	11.3	11.2	8.16	0.99	4.15	2.05	Q	0.95	
Have a Programmable Thermostat									
Yes.....	33.1	32.6	17.70	1.86	11.50	2.55	0.07	1.72	
No.....	62.7	60.9	33.14	4.62	17.85	6.97	0.09	3.61	
Use of Programmable Thermostats									
Reduces Temperature During Day									
Yes.....	18.6	18.4	10.41	0.94	7.09	1.60	Q	0.74	
No.....	14.5	14.2	7.29	0.92	4.41	0.94	Q	0.98	
Reduces Temperature at Night									
Yes.....	21.5	21.2	11.71	1.13	7.99	1.69	0.04	0.86	
No.....	11.6	11.4	5.99	0.73	3.51	0.85	Q	0.86	

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.

4 The major fuels are electricity, natural gas, fuel oil, kerosene, and liquefied petroleum gas (LPG).

5 Kerosene consumption and expenditure estimates could only be calculated for space heating since too few cases in the sample had viable data for water heating and appliances. Therefore, total estimates for kerosene equal space heating estimates for kerosene.

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 SH6. Total Households by Main Space Heating Fuel Used, 2005
Million U.S. Households

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Main Space Heating Fuel Used (millions)					
			Electricity	Natural Gas	Fuel Oil	Kerosene ⁴	LPG	Other
Total	111.1	107.5	32.5	57.3	7.6	0.7	5.8	3.5
Census Region and Division								
Northeast.....	20.6	20.4	1.6	11.4	6.2	0.2	0.4	0.6
New England.....	5.5	5.3	0.3	2.3	2.4	Q	Q	0.2
Middle Atlantic.....	15.1	15.1	1.3	9.1	3.7	Q	0.3	0.5
Midwest.....	25.6	25.1	3.3	18.4	0.7	Q	1.8	0.9
East North Central.....	17.7	17.3	1.9	13.0	0.6	Q	1.1	0.6
West North Central.....	7.9	7.8	1.3	5.4	Q	N	0.7	0.3
South.....	40.7	39.8	21.5	13.7	0.5	0.4	2.7	1.0
South Atlantic.....	21.7	20.9	13.0	5.6	0.5	0.4	1.0	0.5
East South Central.....	6.9	6.9	3.4	2.3	Q	Q	0.9	0.3
West South Central.....	12.1	12.0	5.2	5.8	N	N	0.8	0.3
West.....	24.2	22.1	6.1	13.8	0.3	Q	0.9	0.9
Mountain.....	7.6	7.4	1.7	4.6	Q	N	0.6	0.4
Pacific.....	16.6	14.7	4.4	9.3	Q	Q	0.3	0.5
Four Most Populated States								
New York.....	7.1	7.1	0.6	3.8	2.1	Q	Q	0.4
Florida.....	7.0	6.3	5.9	0.4	N	Q	Q	N
Texas.....	8.0	7.9	3.7	3.8	N	N	Q	Q
California.....	12.1	10.8	2.6	7.6	Q	N	Q	0.3
All Other States.....	76.9	75.4	19.7	41.7	5.5	0.6	5.3	2.7
Urban/Rural Location (as Self-Reported)								
City.....	47.1	44.6	15.0	26.4	2.4	Q	Q	0.6
Town.....	19.0	18.6	4.5	11.8	1.6	Q	0.2	0.3
Suburbs.....	22.7	22.2	5.6	14.8	1.2	Q	0.3	Q
Rural.....	22.3	21.9	7.4	4.3	2.3	0.4	5.1	2.4
Climate Zone¹								
Less than 2,000 CDD and--								
Greater than 7,000 HDD.....	10.9	10.8	1.0	6.3	1.5	Q	1.3	0.7
5,500 to 7,000 HDD.....	26.1	25.5	3.1	17.4	2.9	Q	1.2	0.6
4,000 to 5,499 HDD.....	27.3	27.2	7.0	14.9	3.1	Q	1.0	1.1
Fewer than 4,000 HDD.....	24.0	22.6	7.9	11.9	Q	Q	1.8	0.7
2000 CDD or More and--								
Less than 4,000 HDD.....	22.8	21.4	13.6	6.8	N	Q	0.6	0.4

Table SH6. Total Households by Main Space Heating Fuel Used, 2005
Million U.S. Households

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Main Space Heating Fuel Used (millions)						
			Electricity	Natural Gas	Fuel Oil	Kerosene ⁴	LPG	Other	
Type of Housing Unit									
Single-Family Detached.....	72.1	71.0	18.2	39.6	5.5	0.4	4.5	2.7	
Single-Family Attached.....	7.6	7.3	2.0	4.8	0.4	Q	Q	Q	
Apartments in 2-4 Unit Buildings.....	7.8	7.3	2.2	4.3	0.7	N	Q	Q	
Apartments in 5 or More Unit Buildings.....	16.7	15.3	7.3	6.7	0.9	Q	Q	0.4	
Mobile Homes.....	6.9	6.5	2.8	1.9	0.2	0.3	1.1	0.3	
Ownership of Housing Unit									
Owned	78.1	76.6	20.8	41.6	5.8	0.5	5.1	2.8	
Single-Family Detached.....	64.1	63.2	16.1	35.2	5.0	Q	4.1	2.5	
Single-Family Attached.....	4.2	4.1	0.9	2.8	0.3	Q	Q	Q	
Apartments in 2-4 Unit Buildings.....	1.8	1.8	Q	1.2	0.3	N	N	N	
Apartments in 5 or More Unit Buildings.....	2.3	2.1	1.1	0.9	Q	N	Q	N	
Mobile Homes.....	5.7	5.5	2.4	1.6	Q	Q	1.0	0.3	
Rented	33.0	30.8	11.7	15.7	1.9	Q	0.7	0.7	
Single-Family Detached.....	8.0	7.8	2.1	4.4	0.5	Q	0.5	Q	
Single-Family Attached.....	3.4	3.2	1.1	2.1	Q	N	N	N	
Apartments in 2-4 Unit Buildings.....	5.9	5.5	1.8	3.0	0.5	N	Q	Q	
Apartments in 5 or More Unit Buildings.....	14.4	13.3	6.2	5.8	0.8	Q	Q	0.4	
Mobile Homes.....	1.2	1.1	0.4	0.3	Q	Q	Q	Q	
Year of Construction									
Before 1940.....	14.7	14.5	1.1	9.1	2.6	Q	0.8	0.8	
1940 to 1949.....	7.4	7.1	0.8	4.7	0.9	N	0.4	Q	
1950 to 1959.....	12.5	12.3	2.3	7.8	1.4	Q	0.4	0.4	
1960 to 1969.....	12.5	11.9	3.1	6.9	0.9	Q	0.3	0.5	
1970 to 1979.....	18.9	17.9	6.5	8.7	0.9	Q	0.8	0.8	
1980 to 1989.....	18.6	18.0	7.7	8.3	0.4	Q	1.0	0.4	
1990 to 1999.....	17.3	16.8	7.1	7.7	0.3	Q	1.3	0.3	
2000 to 2005.....	9.2	8.9	3.8	4.2	0.2	N	0.7	Q	

Table SH6. Total Households by Main Space Heating Fuel Used, 2005
Million U.S. Households

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Main Space Heating Fuel Used (millions)						
			Electricity	Natural Gas	Fuel Oil	Kerosene ⁴	LPG	Other	
Household Size									
1 Person.....	30.0	29.0	9.7	15.1	2.0	0.4	1.3	0.5	
2 Persons.....	34.8	34.0	9.8	17.8	2.5	Q	2.5	1.4	
3 Persons.....	18.4	17.9	5.2	9.5	1.6	Q	0.9	0.7	
4 Persons.....	15.9	15.3	4.5	8.3	1.0	Q	0.8	0.6	
5 Persons.....	7.9	7.5	2.1	4.4	0.5	Q	0.2	Q	
6 or More Persons.....	4.1	3.7	1.1	2.3	Q	N	Q	Q	
2005 Household Income Category									
Less than \$10,000.....	9.9	9.4	3.1	4.7	0.7	Q	0.5	0.4	
\$10,000 to \$14,999.....	8.5	8.2	2.8	3.7	0.7	Q	0.5	0.3	
\$15,000 to \$19,999.....	8.4	8.0	2.7	3.6	0.7	Q	0.5	0.3	
\$20,000 to \$29,999.....	15.1	14.5	4.6	7.7	0.8	Q	0.8	0.5	
\$30,000 to \$39,999.....	13.6	13.0	4.5	6.3	1.0	Q	0.8	0.5	
\$40,000 to \$49,999.....	11.0	10.8	3.3	5.8	0.6	Q	0.6	0.4	
\$50,000 to \$74,999.....	19.8	19.4	5.5	11.0	1.3	Q	1.0	0.6	
\$75,000 to \$99,999.....	10.6	10.4	2.8	5.5	1.0	N	0.7	0.3	
\$100,000 or More.....	14.2	13.9	3.3	9.0	0.8	N	0.5	0.3	
Income Relative to Poverty Line									
Below 100 Percent.....	16.6	15.7	5.2	7.4	1.2	0.2	0.8	0.8	
100 to 150 Percent.....	12.9	12.3	4.0	6.1	0.7	Q	0.8	0.4	
Above 150 Percent.....	81.5	79.5	23.2	43.8	5.7	Q	4.2	2.3	
Eligible for Federal Assistance²									
Yes.....	38.6	36.6	11.7	18.1	3.0	0.6	1.9	1.5	
No.....	72.5	70.8	20.8	39.3	4.7	Q	4.0	2.0	
Payment Method for Utilities									
All Paid by Household.....	97.5	94.6	29.1	50.2	6.2	0.6	5.5	3.0	
Some Paid, Some in Rent.....	7.6	7.1	1.8	3.8	1.0	Q	Q	0.3	
All Included in Rent.....	4.7	4.5	1.1	2.6	0.4	Q	Q	Q	
Other Method.....	1.3	1.3	0.4	0.7	Q	N	Q	Q	

Table SH6. Total Households by Main Space Heating Fuel Used, 2005
Million U.S. Households

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Main Space Heating Fuel Used (millions)						
			Electricity	Natural Gas	Fuel Oil	Kerosene ⁴	LPG	Other	
Ethnic Origin of Householder									
Hispanic Descent.....	14.8	13.3	4.5	7.0	0.9	Q	0.4	0.4	
Non-Hispanic Descent.....	96.3	94.2	27.9	50.3	6.7	0.7	5.4	3.1	
Race of Householder³									
White.....	79.1	77.2	22.1	41.2	5.9	0.4	4.8	2.8	
Hispanic.....	5.0	4.4	1.6	2.3	0.2	Q	Q	Q	
Non-Hispanic.....	74.1	72.7	20.5	38.9	5.7	0.4	4.5	2.7	
Black.....	13.4	13.3	4.8	6.8	0.7	Q	0.6	Q	
Hispanic.....	0.3	0.3	Q	Q	Q	N	Q	N	
Non-Hispanic.....	13.1	12.9	4.7	6.6	0.6	Q	0.6	Q	
Asian.....	3.3	2.9	1.0	1.8	Q	N	N	Q	
Multi-Racial.....	1.3	1.2	0.4	0.8	Q	N	Q	Q	
Other.....	7.1	6.6	1.9	3.6	0.5	Q	0.4	Q	
Undetermined (Race Reported as Hispanic).....	6.9	6.2	2.3	3.2	0.5	N	Q	Q	
Age of Householder									
Under 25 Years.....	5.5	5.1	2.4	2.2	Q	Q	Q	Q	
25 to 34 Years.....	18.2	17.5	6.2	9.2	0.9	Q	0.7	0.5	
35 to 44 Years.....	22.2	21.4	7.0	11.3	1.4	Q	0.8	0.7	
45 to 54 Years.....	23.3	22.7	6.5	12.6	1.6	Q	1.2	0.8	
55 to 64 Years.....	18.0	17.4	4.4	9.3	1.3	Q	1.4	0.8	
65 to 74 Years.....	12.3	12.0	3.1	6.5	0.8	Q	1.0	0.5	
75 Years or More.....	11.7	11.4	2.8	6.2	1.4	Q	0.7	Q	
Adults Age 65 or Older in Household									
Yes.....	26.9	26.2	6.7	14.2	2.4	Q	1.7	0.9	
No.....	84.2	81.3	25.8	43.1	5.2	0.4	4.1	2.6	
Children Under Age 5 in Household									
Yes.....	15.0	14.3	4.9	7.9	0.7	Q	0.5	0.4	
No.....	96.1	93.1	27.6	49.4	6.9	0.7	5.4	3.1	
Children Age 5 to 16 in Household									
Yes.....	28.1	27.0	8.0	15.1	1.7	Q	1.4	0.8	
No.....	83.0	80.5	24.5	42.3	6.0	0.6	4.5	2.7	

Table SH6. Total Households by Main Space Heating Fuel Used, 2005
Million U.S. Households

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Main Space Heating Fuel Used (millions)					
			Electricity	Natural Gas	Fuel Oil	Kerosene ⁴	LPG	Other
Age of Main Heating Equipment Used by One Housing Unit								
Less than 2 Years.....	11.7	11.4	4.1	6.0	0.4	Q	0.6	Q
2 to 4 Years.....	13.8	13.7	4.8	6.4	0.8	Q	1.1	0.4
5 to 9 Years.....	20.6	20.2	6.8	10.2	0.8	Q	1.8	0.4
10 to 19 Years.....	24.8	24.4	7.0	13.1	1.6	Q	1.6	0.9
20 Years or More.....	21.5	20.9	4.9	12.2	2.2	Q	0.5	1.0
Don't Know.....	8.6	8.2	3.1	4.6	0.3	N	Q	Q
Used by Two or More Housing Units								
Less than 2 Years.....	0.3	0.3	Q	Q	Q	N	N	Q
2 to 4 Years.....	0.4	0.4	Q	Q	Q	N	N	Q
5 to 9 Years.....	0.6	0.6	Q	Q	Q	N	N	N
10 to 19 Years.....	1.1	1.1	Q	0.7	Q	Q	Q	Q
20 Years or More.....	2.7	2.6	0.5	1.5	0.4	N	Q	Q
Don't Know.....	3.7	3.6	0.5	2.1	0.7	N	Q	Q
Heated Floorspace (Square Feet)								
Fewer than 500.....	9.7	6.1	2.7	2.8	0.2	Q	Q	Q
500 to 999.....	27.7	27.7	9.8	13.6	1.7	0.3	1.3	0.9
1,000 to 1,499.....	26.0	26.0	8.4	13.7	1.5	Q	1.5	0.6
1,500 to 1,999.....	17.6	17.6	4.9	9.6	1.2	Q	1.2	0.7
2,000 to 2,499.....	10.7	10.7	2.5	6.0	1.1	Q	0.6	0.5
2,500 to 2,999.....	7.7	7.7	1.8	4.8	0.8	Q	Q	Q
3,000 to 3,499.....	3.8	3.8	0.7	2.3	0.4	Q	Q	Q
3,500 to 3,999.....	2.6	2.6	0.5	1.4	0.4	N	0.3	Q
4,000 or More.....	5.2	5.2	1.1	3.1	0.4	N	0.4	Q
Weekday Home Activities								
Home Used for Business								
Yes.....	8.9	8.7	2.4	4.4	0.6	Q	0.8	0.4
No.....	102.2	98.7	30.1	52.9	7.0	0.7	5.0	3.1
Energy-Intensive Activity								
Yes.....	2.2	2.2	0.6	1.3	Q	N	Q	Q
No.....	108.9	105.2	31.9	56.0	7.6	0.7	5.7	3.4
Someone Home All Day								
Yes.....	56.4	54.6	15.4	29.2	4.3	0.4	3.1	2.2
No.....	54.7	52.9	17.1	28.1	3.4	0.3	2.7	1.3

Table SH6. Total Households by Main Space Heating Fuel Used, 2005
Million U.S. Households

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Main Space Heating Fuel Used (millions)						
			Electricity	Natural Gas	Fuel Oil	Kerosene ⁴	LPG	Other	
Adequacy of Insulation									
Well Insulated.....	42.8	42.1	12.9	21.9	3.2	Q	2.5	1.4	
Adequately Insulated.....	46.3	44.8	13.8	23.7	3.3	0.2	2.5	1.2	
Poorly Insulated.....	19.0	18.2	5.1	10.2	1.0	0.3	0.8	0.8	
No Insulation.....	1.4	0.9	Q	0.5	Q	N	N	Q	
Don't Know.....	1.7	1.5	0.5	0.9	Q	N	Q	Q	
Home is Too Drafty During the Winter									
Never.....	62.9	60.8	20.3	30.9	4.1	Q	3.3	1.8	
Some of the Time.....	32.4	31.5	8.0	17.7	2.6	Q	1.9	1.1	
Most of the Time.....	6.1	5.9	1.4	3.4	0.5	Q	0.3	Q	
All of the Time.....	5.6	5.5	1.2	3.4	0.3	Q	0.2	Q	
Don't Know.....	4.1	3.8	1.6	1.9	Q	N	Q	Q	
Unusually High Ceilings									
Yes.....	27.2	26.6	7.7	15.4	1.4	Q	1.4	0.7	
No.....	76.9	74.3	22.0	40.0	6.1	0.4	3.3	2.5	
Not Asked (Mobile Homes).....	6.9	6.5	2.8	1.9	0.2	0.3	1.1	0.3	
Cathedral Ceilings (In Housing Units with High Ceilings)									
Yes.....	17.1	16.7	5.2	9.2	0.8	Q	0.9	0.5	
No.....	10.1	10.0	2.5	6.2	0.6	N	0.4	Q	
Type of Glass in Windows									
Single-pane Glass.....	50.7	48.1	17.0	24.4	2.7	0.5	2.1	1.4	
Double-pane Glass									
Without Low-e Coating.....	50.6	49.9	13.4	27.2	4.2	Q	2.9	1.9	
With Low-e Coating.....	8.0	7.9	1.8	4.7	0.6	Q	0.7	Q	
Triple-pane Glass									
Without Low-e Coating.....	1.0	0.9	Q	0.6	Q	N	Q	Q	
With Low-e Coating.....	0.3	0.3	Q	Q	Q	N	Q	Q	
Proportion of Original Windows Replaced									
All.....	22.4	22.2	4.3	13.0	2.7	Q	1.3	0.8	
Some.....	21.6	20.9	4.2	12.5	2.1	Q	1.0	1.0	
None.....	62.3	59.9	21.8	29.6	2.7	0.5	3.5	1.7	
Don't Know.....	4.7	4.5	2.1	2.2	Q	Q	Q	Q	

Table SH6. Total Households by Main Space Heating Fuel Used, 2005
Million U.S. Households

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Main Space Heating Fuel Used (millions)						
			Electricity	Natural Gas	Fuel Oil	Kerosene ⁴	LPG	Other	
Thermostats									
Do Not Have a Thermostat	15.3	13.4	3.8	5.1	0.9	0.3	0.9	2.4	
Have a Thermostat	95.8	94.1	28.7	52.2	6.7	0.4	4.9	1.1	
1.....	84.5	82.8	25.5	46.5	5.4	0.4	4.3	0.8	
2 or More.....	11.3	11.2	3.3	5.7	1.3	Q	0.6	0.3	
Have a Programmable Thermostat									
Yes.....	33.1	32.6	7.9	21.2	1.9	Q	1.4	Q	
No.....	62.7	61.4	20.9	30.9	4.9	0.2	3.5	1.0	
Use of Programmable Thermostats									
Reduces Temperature During Day									
Yes.....	18.6	18.4	3.8	12.6	1.2	Q	0.7	Q	
No.....	14.5	14.2	4.1	8.6	0.7	Q	0.7	Q	
Reduces Temperature at Night									
Yes.....	21.5	21.2	4.5	14.5	1.2	Q	0.8	Q	
No.....	11.6	11.4	3.4	6.7	0.6	Q	0.6	Q	

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.

4 Kerosene consumption and expenditure estimates could only be calculated for space heating since too few cases in the sample had viable data for water heating and appliances. Therefore, total estimates for kerosene equal space heating estimates for kerosene.

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 SH7. Average Consumption for Space Heating by Main Space Heating Fuel Used, 2005
Physical Units per Household

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used (physical units of consumption per household using the fuel as a main heating source)				
			Electricity (kWh)	Natural Gas (thousand cf)	Fuel Oil (gallons)	Kerosene ⁵ (gallons)	LPG (gallons)
Total	111.1	104.0	2136	49	663	133	552
Census Region and Division							
Northeast.....	20.6	19.8	3027	67	678	106	768
New England.....	5.5	5.2	2434	74	739	Q	Q
Middle Atlantic.....	15.1	14.6	3148	65	638	Q	708
Midwest.....	25.6	24.2	3357	63	553	Q	678
East North Central.....	17.7	16.7	3614	67	546	Q	693
West North Central.....	7.9	7.5	2964	54	Q	N	656
South.....	40.7	38.8	1918	35	615	119	444
South Atlantic.....	21.7	20.5	1818	43	614	119	446
East South Central.....	6.9	6.6	2627	45	Q	Q	473
West South Central.....	12.1	11.7	1712	23	N	N	408
West.....	24.2	21.2	2007	30	696	Q	507
Mountain.....	7.6	6.9	1837	41	Q	N	585
Pacific.....	16.6	14.2	2074	25	Q	Q	352
Four Most Populated States							
New York.....	7.1	6.7	2766	69	656	Q	Q
Florida.....	7.0	6.3	701	13	N	Q	Q
Texas.....	8.0	7.7	1607	19	N	N	Q
California.....	12.1	10.5	1234	17	Q	N	Q
All Other States.....	76.9	72.8	2781	56	668	132	563
Urban/Rural Location (as Self-Reported)							
City.....	47.1	44.1	1663	47	624	Q	410
Town.....	19.0	18.3	2282	54	724	Q	569
Suburbs.....	22.7	22.0	2418	48	673	Q	Q
Rural.....	22.3	19.6	2818	52	654	156	561
Climate Zone¹							
Less than 2,000 CDD and--							
Greater than 7,000 HDD.....	10.9	10.1	3436	69	698	Q	740
5,500 to 7,000 HDD.....	26.1	24.9	3229	65	703	122	639
4,000 to 5,499 HDD.....	27.3	26.1	3180	55	614	Q	502
Fewer than 4,000 HDD.....	24.0	21.8	2283	24	Q	Q	455
2000 CDD or More and--							
Less than 4,000 HDD.....	22.8	21.0	1182	19	N	Q	316

Table SH7. Average Consumption for Space Heating by Main Space Heating Fuel Used, 2005
Physical Units per Household

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used (physical units of consumption per household using the fuel as a main heating source)					
			Electricity (kWh)	Natural Gas (thousand cf)	Fuel Oil (gallons)	Kerosene ⁵ (gallons)	LPG (gallons)	
Type of Housing Unit								
Single-Family Detached.....	72.1	68.2	2308	51	694	105	591	
Single-Family Attached.....	7.6	7.3	2342	50	556	Q	Q	
Apartments in 2-4 Unit Buildings.....	7.8	7.2	1786	59	607	N	Q	
Apartments in 5 or More Unit Buildings.....	16.7	15.0	1693	35	593	Q	Q	
Mobile Homes.....	6.9	6.3	2314	40	510	198	413	
Ownership of Housing Unit								
Owned	78.1	73.8	2266	51	672	147	571	
Single-Family Detached.....	64.1	60.6	2355	51	689	127	609	
Single-Family Attached.....	4.2	4.1	2241	49	559	Q	Q	
Apartments in 2-4 Unit Buildings.....	1.8	1.8	1474	75	612	N	N	
Apartments in 5 or More Unit Buildings.....	2.3	2.1	1124	33	Q	N	Q	
Mobile Homes.....	5.7	5.2	2285	39	Q	Q	418	
Rented	33.0	30.1	1909	44	635	Q	431	
Single-Family Detached.....	8.0	7.6	1951	46	739	Q	441	
Single-Family Attached.....	3.4	3.2	2422	52	Q	N	N	
Apartments in 2-4 Unit Buildings.....	5.9	5.4	1841	53	605	N	Q	
Apartments in 5 or More Unit Buildings.....	14.4	12.9	1786	35	606	Q	Q	
Mobile Homes.....	1.2	1.0	2467	43	Q	Q	Q	
Year of Construction								
Before 1940.....	14.7	13.7	2715	72	718	Q	595	
1940 to 1949.....	7.4	6.9	1663	49	619	N	612	
1950 to 1959.....	12.5	11.9	1909	51	643	Q	489	
1960 to 1969.....	12.5	11.3	1980	50	624	Q	507	
1970 to 1979.....	18.9	17.2	2064	45	667	Q	527	
1980 to 1989.....	18.6	17.6	2203	37	638	Q	468	
1990 to 1999.....	17.3	16.5	2272	42	636	Q	563	
2000 to 2005.....	9.2	8.8	2075	38	505	N	663	

Table SH7. Average Consumption for Space Heating by Main Space Heating Fuel Used, 2005
Physical Units per Household

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used (physical units of consumption per household using the fuel as a main heating source)					
			Electricity (kWh)	Natural Gas (thousand cf)	Fuel Oil (gallons)	Kerosene ⁵ (gallons)	LPG (gallons)	
Household Size								
1 Person.....	30.0	28.5	2064	46	673	105	550	
2 Persons.....	34.8	32.6	2188	49	681	Q	604	
3 Persons.....	18.4	17.2	2281	49	649	Q	557	
4 Persons.....	15.9	14.7	2127	50	657	Q	489	
5 Persons.....	7.9	7.3	1924	51	599	Q	380	
6 or More Persons.....	4.1	3.6	2077	53	Q	N	Q	
2005 Household Income Category								
Less than \$10,000.....	9.9	9.0	2025	51	646	Q	501	
\$10,000 to \$14,999.....	8.5	7.9	2113	49	648	Q	449	
\$15,000 to \$19,999.....	8.4	7.7	2312	48	587	Q	474	
\$20,000 to \$29,999.....	15.1	14.0	2144	52	622	Q	393	
\$30,000 to \$39,999.....	13.6	12.5	1952	45	611	Q	551	
\$40,000 to \$49,999.....	11.0	10.4	2058	48	756	Q	593	
\$50,000 to \$74,999.....	19.8	18.8	2094	45	617	Q	650	
\$75,000 to \$99,999.....	10.6	10.0	2415	54	699	N	533	
\$100,000 or More.....	14.2	13.6	2270	51	819	N	809	
Income Relative to Poverty Line								
Below 100 Percent.....	16.6	14.9	1994	53	617	Q	475	
100 to 150 Percent.....	12.9	11.8	2074	46	672	Q	359	
Above 150 Percent.....	81.5	77.2	2180	49	671	Q	606	
Eligible for Federal Assistance²								
Yes.....	38.6	35.2	2108	51	620	126	455	
No.....	72.5	68.8	2152	48	690	Q	600	
Payment Method for Utilities								
All Paid by Household.....	97.5	91.7	2141	49	676	137	553	
Some Paid, Some in Rent.....	7.6	6.8	1801	49	597	Q	Q	
All Included in Rent.....	4.7	4.3	2170	44	617	Q	Q	
Other Method.....	1.3	1.2	3283	49	Q	N	Q	

Table SH7. Average Consumption for Space Heating by Main Space Heating Fuel Used, 2005
Physical Units per Household

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used (physical units of consumption per household using the fuel as a main heating source)				
			Electricity (kWh)	Natural Gas (thousand cf)	Fuel Oil (gallons)	Kerosene ⁵ (gallons)	LPG (gallons)
Ethnic Origin of Householder							
Hispanic Descent.....	14.8	12.9	1598	40	596	Q	460
Non-Hispanic Descent.....	96.3	91.1	2226	50	672	134	560
Race of Householder³							
White.....	79.1	74.4	2211	50	673	154	571
Hispanic.....	5.0	4.4	1582	32	535	Q	Q
Non-Hispanic.....	74.1	70.0	2262	51	679	154	575
Black.....	13.4	13.1	2268	55	624	Q	433
Hispanic.....	0.3	0.3	Q	Q	Q	N	Q
Non-Hispanic.....	13.1	12.7	2259	55	644	Q	430
Asian.....	3.3	2.9	1585	35	Q	N	N
Multi-Racial.....	1.3	1.2	2136	40	Q	N	Q
Other.....	7.1	6.4	1859	38	625	Q	552
Undetermined (Race Reported as Hispanic).....	6.9	6.0	1629	47	628	N	Q
Age of Householder							
Under 25 Years.....	5.5	5.0	1779	41	654	Q	Q
25 to 34 Years.....	18.2	17.0	2082	45	562	Q	447
35 to 44 Years.....	22.2	20.7	2088	50	597	Q	465
45 to 54 Years.....	23.3	22.0	2373	49	702	Q	557
55 to 64 Years.....	18.0	16.6	2091	47	695	Q	619
65 to 74 Years.....	12.3	11.5	2260	52	656	Q	598
75 Years or More.....	11.7	11.3	2089	56	723	Q	582
Adults Age 65 or Older in Household							
Yes.....	26.9	25.3	2124	53	690	Q	594
No.....	84.2	78.7	2139	47	650	161	535
Children Under Age 5 in Household							
Yes.....	15.0	14.0	2021	48	590	Q	406
No.....	96.1	90.0	2157	49	670	134	566
Children Age 5 to 16 in Household							
Yes.....	28.1	26.2	2238	51	655	Q	491
No.....	83.0	77.8	2102	48	665	103	571

Table SH7. Average Consumption for Space Heating by Main Space Heating Fuel Used, 2005
Physical Units per Household

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used (physical units of consumption per household using the fuel as a main heating source)				
			Electricity (kWh)	Natural Gas (thousand cf)	Fuel Oil (gallons)	Kerosene ⁵ (gallons)	LPG (gallons)
Age of Main Heating Equipment Used by One Housing Unit							
Less than 2 Years.....	11.7	11.3	2131	43	604	Q	663
2 to 4 Years.....	13.8	13.3	1944	45	769	Q	582
5 to 9 Years.....	20.6	19.7	2043	45	606	Q	560
10 to 19 Years.....	24.8	23.5	2190	50	665	Q	507
20 Years or More.....	21.5	19.9	2509	53	698	Q	487
Don't Know.....	8.6	8.1	2103	49	616	N	Q
Used by Two or More Housing Units							
Less than 2 Years.....	0.3	0.3	Q	Q	Q	N	N
2 to 4 Years.....	0.4	0.4	Q	Q	Q	N	N
5 to 9 Years.....	0.6	0.6	Q	Q	Q	N	N
10 to 19 Years.....	1.1	1.0	Q	58	Q	Q	Q
20 Years or More.....	2.7	2.4	1982	55	627	N	Q
Don't Know.....	3.7	3.5	1800	53	627	N	Q
Heated Floorspace (Square Feet)							
Fewer than 500.....	9.7	6.0	1484	32	505	Q	341
500 to 999.....	27.7	26.8	1943	41	590	102	517
1,000 to 1,499.....	26.0	25.4	2018	46	674	Q	512
1,500 to 1,999.....	17.6	16.9	2090	50	609	Q	508
2,000 to 2,499.....	10.7	10.2	2312	54	679	Q	513
2,500 to 2,999.....	7.7	7.5	2951	54	727	Q	Q
3,000 to 3,499.....	3.8	3.6	3461	68	633	Q	Q
3,500 to 3,999.....	2.6	2.5	3149	78	924	N	758
4,000 or More.....	5.2	5.0	3880	68	847	N	732
Weekday Home Activities							
Home Used for Business							
Yes.....	8.9	8.3	2000	55	685	Q	557
No.....	102.2	95.7	2147	48	661	133	551
Energy-Intensive Activity							
Yes.....	2.2	2.1	2671	46	Q	N	Q
No.....	108.9	101.8	2127	49	662	133	554
Someone Home All Day							
Yes.....	56.4	52.4	2192	51	676	146	571
No.....	54.7	51.6	2086	47	645	118	530

Table SH7. Average Consumption for Space Heating by Main Space Heating Fuel Used, 2005
Physical Units per Household

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used (physical units of consumption per household using the fuel as a main heating source)				
			Electricity (kWh)	Natural Gas (thousand cf)	Fuel Oil (gallons)	Kerosene ⁵ (gallons)	LPG (gallons)
Adequacy of Insulation							
Well Insulated.....	42.8	40.7	2186	48	653	Q	588
Adequately Insulated.....	46.3	43.5	2088	49	657	69	526
Poorly Insulated.....	19.0	17.4	2119	51	721	174	506
No Insulation.....	1.4	0.9	Q	42	Q	N	N
Don't Know.....	1.7	1.5	2487	53	Q	N	Q
Home is Too Drafty During the Winter							
Never.....	62.9	58.9	2010	46	665	110	542
Some of the Time.....	32.4	30.4	2349	51	665	Q	584
Most of the Time.....	6.1	5.7	2255	59	695	Q	497
All of the Time.....	5.6	5.2	2652	56	612	Q	486
Don't Know.....	4.1	3.8	2202	46	Q	N	Q
Unusually High Ceilings							
Yes.....	27.2	25.9	2236	46	667	Q	651
No.....	76.9	71.8	2078	50	666	93	561
Not Asked (Mobile Homes).....	6.9	6.3	2314	40	510	198	413
Cathedral Ceilings (In Housing Units with High Ceilings)							
Yes.....	17.1	16.2	2202	43	641	Q	733
No.....	10.1	9.7	2304	52	705	N	481
Type of Glass in Windows							
Single-pane Glass.....	50.7	46.7	1688	46	673	123	462
Double-pane Glass							
Without Low-e Coating.....	50.6	48.0	2633	51	644	Q	563
With Low-e Coating.....	8.0	7.8	2518	50	690	Q	750
Triple-pane Glass							
Without Low-e Coating.....	1.0	0.9	Q	62	Q	N	Q
With Low-e Coating.....	0.3	0.3	Q	Q	Q	N	Q
Proportion of Original Windows Replaced							
All.....	22.4	21.4	2378	54	660	Q	633
Some.....	21.6	19.9	2300	56	691	Q	512
None.....	62.3	58.2	2080	44	650	152	535
Don't Know.....	4.7	4.4	1892	50	Q	Q	Q

Table SH7. Average Consumption for Space Heating by Main Space Heating Fuel Used, 2005
Physical Units per Household

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used (physical units of consumption per household using the fuel as a main heating source)					
			Electricity (kWh)	Natural Gas (thousand cf)	Fuel Oil (gallons)	Kerosene ⁵ (gallons)	LPG (gallons)	
Thermostats								
Do Not Have a Thermostat	15.3	11.0	1997	45	609	Q	463	
Have a Thermostat	95.8	93.0	2154	49	670	135	570	
1.....	84.5	82.1	2045	48	653	126	545	
2 or More.....	11.3	10.9	3021	61	739	Q	747	
Have a Programmable Thermostat								
Yes.....	33.1	32.5	2056	48	651	Q	623	
No.....	62.7	60.5	2192	50	677	125	550	
Use of Programmable Thermostats								
Reduces Temperature During Day								
Yes.....	18.6	18.3	1959	50	655	Q	580	
No.....	14.5	14.2	2146	45	645	Q	662	
Reduces Temperature at Night								
Yes.....	21.5	21.1	2011	49	656	Q	587	
No.....	11.6	11.4	2117	46	642	Q	670	

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.

4 The major fuels are electricity, natural gas, fuel oil, kerosene, and liquefied petroleum gas (LPG).

5 Kerosene consumption and expenditure estimates could only be calculated for space heating since too few cases in the sample had viable data for water heating and appliances.

Therefore, total estimates for kerosene equal space heating estimates for kerosene.

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 SH8. Average Consumption for Space Heating by Main Space Heating Fuel Used, 2005
Million British Thermal Units (Btu) per Household

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used (million Btu of consumption per household using the fuel as a main heating source)					
			Any Major Fuel ⁴	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Total	111.1	104.0	40.4	7.3	50.3	91.9	18.0	50.4
Census Region and Division								
Northeast.....	20.6	19.8	72.2	10.3	69.0	94.0	14.4	70.2
New England.....	5.5	5.2	85.4	8.3	76.6	102.5	Q	Q
Middle Atlantic.....	15.1	14.6	67.4	10.7	67.0	88.4	Q	64.7
Midwest.....	25.6	24.2	58.5	11.5	64.7	76.7	Q	62.0
East North Central.....	17.7	16.7	62.5	12.3	68.6	75.7	Q	63.3
West North Central.....	7.9	7.5	49.1	10.1	55.1	Q	N	60.0
South.....	40.7	38.8	21.1	6.5	35.9	85.3	16.1	40.5
South Atlantic.....	21.7	20.5	21.2	6.2	44.6	85.2	16.1	40.7
East South Central.....	6.9	6.6	28.0	9.0	46.0	Q	Q	43.2
West South Central.....	12.1	11.7	17.0	5.8	23.5	N	N	37.3
West.....	24.2	21.2	26.0	6.8	30.6	96.5	Q	46.3
Mountain.....	7.6	6.9	35.2	6.3	42.1	Q	N	53.4
Pacific.....	16.6	14.2	21.7	7.1	25.3	Q	Q	32.1
Four Most Populated States								
New York.....	7.1	6.7	72.1	9.4	70.6	90.9	Q	Q
Florida.....	7.0	6.3	3.2	2.4	13.5	N	Q	Q
Texas.....	8.0	7.7	13.3	5.5	19.9	N	N	Q
California.....	12.1	10.5	15.0	4.2	17.3	Q	N	Q
All Other States.....	76.9	72.8	47.6	9.5	58.0	92.7	17.9	51.4
Urban/Rural Location (as Self-Reported)								
City.....	47.1	44.1	36.0	5.7	48.1	86.6	Q	37.4
Town.....	19.0	18.3	47.9	7.8	55.1	100.4	Q	52.0
Suburbs.....	22.7	22.0	42.3	8.3	49.4	93.3	Q	Q
Rural.....	22.3	19.6	41.5	9.6	53.9	90.7	21.0	51.3
Climate Zone¹								
Less than 2,000 CDD and--								
Greater than 7,000 HDD.....	10.9	10.1	69.5	11.7	71.1	96.9	Q	67.6
5,500 to 7,000 HDD.....	26.1	24.9	63.6	11.0	67.3	97.5	16.5	58.4
4,000 to 5,499 HDD.....	27.3	26.1	48.4	10.8	56.9	85.2	Q	45.9
Fewer than 4,000 HDD.....	24.0	21.8	21.1	7.8	24.9	Q	Q	41.5
2000 CDD or More and--								
Less than 4,000 HDD.....	22.8	21.0	9.9	4.0	19.2	N	Q	28.8

Table SH8. Average Consumption for Space Heating by Main Space Heating Fuel Used, 2005
Million British Thermal Units (Btu) per Household

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used (million Btu of consumption per household using the fuel as a main heating source)					
			Any Major Fuel ⁴	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Type of Housing Unit								
Single-Family Detached.....	72.1	68.2	44.6	7.9	52.0	96.2	14.2	54.0
Single-Family Attached.....	7.6	7.3	41.4	8.0	51.8	77.1	Q	Q
Apartments in 2-4 Unit Buildings.....	7.8	7.2	47.3	6.1	61.2	84.2	N	Q
Apartments in 5 or More Unit Buildings.....	16.7	15.0	24.1	5.8	35.5	82.2	Q	Q
Mobile Homes.....	6.9	6.3	26.2	7.9	40.8	70.7	26.8	37.7
Ownership of Housing Unit								
Owned	78.1	73.8	43.6	7.7	52.3	93.2	19.8	52.1
Single-Family Detached.....	64.1	60.6	45.3	8.0	52.6	95.6	17.1	55.7
Single-Family Attached.....	4.2	4.1	43.9	7.6	50.8	77.5	Q	Q
Apartments in 2-4 Unit Buildings.....	1.8	1.8	65.7	5.0	77.5	84.8	N	N
Apartments in 5 or More Unit Buildings.....	2.3	2.1	20.1	3.8	33.6	Q	N	Q
Mobile Homes.....	5.7	5.2	25.8	7.8	40.2	Q	Q	38.2
Rented	33.0	30.1	32.9	6.5	45.2	88.0	Q	39.3
Single-Family Detached.....	8.0	7.6	39.5	6.7	47.5	102.5	Q	40.3
Single-Family Attached.....	3.4	3.2	38.4	8.3	53.1	Q	N	N
Apartments in 2-4 Unit Buildings.....	5.9	5.4	41.4	6.3	54.9	83.9	N	Q
Apartments in 5 or More Unit Buildings.....	14.4	12.9	24.7	6.1	35.8	84.0	Q	Q
Mobile Homes.....	1.2	1.0	28.3	8.4	43.8	Q	Q	Q
Year of Construction								
Before 1940.....	14.7	13.7	72.4	9.3	73.6	99.6	Q	54.4
1940 to 1949.....	7.4	6.9	50.7	5.7	50.0	85.9	N	55.9
1950 to 1959.....	12.5	11.9	47.7	6.5	52.6	89.1	Q	44.6
1960 to 1969.....	12.5	11.3	42.3	6.8	51.6	86.6	Q	46.3
1970 to 1979.....	18.9	17.2	34.1	7.0	45.8	92.5	Q	48.1
1980 to 1989.....	18.6	17.6	26.8	7.5	38.3	88.4	Q	42.8
1990 to 1999.....	17.3	16.5	30.8	7.8	43.6	88.2	Q	51.4
2000 to 2005.....	9.2	8.8	28.4	7.1	39.4	70.0	N	60.6

Table SH8. Average Consumption for Space Heating by Main Space Heating Fuel Used, 2005
Million British Thermal Units (Btu) per Household

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used (million Btu of consumption per household using the fuel as a main heating source)					
			Any Major Fuel ⁴	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Household Size								
1 Person.....	30.0	28.5	37.2	7.0	47.6	93.4	14.1	50.3
2 Persons.....	34.8	32.6	41.9	7.5	50.8	94.5	Q	55.2
3 Persons.....	18.4	17.2	41.9	7.8	50.8	90.0	Q	50.9
4 Persons.....	15.9	14.7	41.2	7.3	51.5	91.2	Q	44.7
5 Persons.....	7.9	7.3	41.2	6.6	52.6	83.0	Q	34.7
6 or More Persons.....	4.1	3.6	40.8	7.1	54.5	Q	N	Q
2005 Household Income Category								
Less than \$10,000.....	9.9	9.0	38.9	6.9	52.1	89.6	Q	45.7
\$10,000 to \$14,999.....	8.5	7.9	37.9	7.2	50.8	89.9	Q	41.0
\$15,000 to \$19,999.....	8.4	7.7	37.4	7.9	49.0	81.4	Q	43.3
\$20,000 to \$29,999.....	15.1	14.0	39.3	7.3	53.4	86.3	Q	35.9
\$30,000 to \$39,999.....	13.6	12.5	36.1	6.7	46.0	84.8	Q	50.3
\$40,000 to \$49,999.....	11.0	10.4	40.2	7.0	49.0	104.9	Q	54.2
\$50,000 to \$74,999.....	19.8	18.8	39.0	7.1	46.4	85.5	Q	59.3
\$75,000 to \$99,999.....	10.6	10.0	47.2	8.2	55.3	96.9	N	48.7
\$100,000 or More.....	14.2	13.6	47.1	7.7	52.6	113.6	N	73.9
Income Relative to Poverty Line								
Below 100 Percent.....	16.6	14.9	39.3	6.8	54.2	85.5	Q	43.4
100 to 150 Percent.....	12.9	11.8	34.9	7.1	47.0	93.1	Q	32.8
Above 150 Percent.....	81.5	77.2	41.5	7.4	50.1	93.1	Q	55.3
Eligible for Federal Assistance²								
Yes.....	38.6	35.2	39.4	7.2	52.2	86.0	17.0	41.5
No.....	72.5	68.8	41.0	7.3	49.5	95.7	Q	54.8
Payment Method for Utilities								
All Paid by Household.....	97.5	91.7	40.2	7.3	50.6	93.7	18.4	50.5
Some Paid, Some in Rent.....	7.6	6.8	43.4	6.1	50.9	82.7	Q	Q
All Included in Rent.....	4.7	4.3	39.7	7.4	45.0	85.5	Q	Q
Other Method.....	1.3	1.2	41.2	11.2	50.8	Q	N	Q

Table SH8. Average Consumption for Space Heating by Main Space Heating Fuel Used, 2005
Million British Thermal Units (Btu) per Household

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used (million Btu of consumption per household using the fuel as a main heating source)					
			Any Major Fuel ⁴	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Ethnic Origin of Householder								
Hispanic Descent.....	14.8	12.9	31.9	5.5	41.5	82.6	Q	42.0
Non-Hispanic Descent.....	96.3	91.1	41.7	7.6	51.6	93.2	18.1	51.1
Race of Householder³								
White.....	79.1	74.4	42.3	7.5	51.2	93.4	20.8	52.2
Hispanic.....	5.0	4.4	26.1	5.4	33.3	74.2	Q	Q
Non-Hispanic.....	74.1	70.0	43.3	7.7	52.3	94.1	20.8	52.5
Black.....	13.4	13.1	39.6	7.7	56.8	86.5	Q	39.5
Hispanic.....	0.3	0.3	53.0	Q	Q	Q	N	Q
Non-Hispanic.....	13.1	12.7	39.2	7.7	56.6	89.4	Q	39.3
Asian.....	3.3	2.9	27.7	5.4	36.2	Q	N	N
Multi-Racial.....	1.3	1.2	31.0	7.3	41.0	Q	N	Q
Other.....	7.1	6.4	33.6	6.3	39.1	86.7	Q	50.4
Undetermined (Race Reported as Hispanic).....	6.9	6.0	35.6	5.6	48.3	87.1	N	Q
Age of Householder								
Under 25 Years.....	5.5	5.0	27.2	6.1	42.3	90.6	Q	Q
25 to 34 Years.....	18.2	17.0	34.0	7.1	46.2	78.0	Q	40.8
35 to 44 Years.....	22.2	20.7	39.0	7.1	51.7	82.9	Q	42.5
45 to 54 Years.....	23.3	22.0	42.0	8.1	50.0	97.4	Q	50.8
55 to 64 Years.....	18.0	16.6	42.0	7.1	48.1	96.3	Q	56.5
65 to 74 Years.....	12.3	11.5	43.9	7.7	53.9	91.0	Q	54.6
75 Years or More.....	11.7	11.3	50.2	7.1	57.1	100.2	Q	53.2
Adults Age 65 or Older in Household								
Yes.....	26.9	25.3	46.5	7.2	55.0	95.6	Q	54.2
No.....	84.2	78.7	38.5	7.3	48.8	90.2	21.8	48.9
Children Under Age 5 in Household								
Yes.....	15.0	14.0	36.0	6.9	48.9	81.8	Q	37.0
No.....	96.1	90.0	41.1	7.4	50.5	92.9	18.1	51.7
Children Age 5 to 16 in Household								
Yes.....	28.1	26.2	41.4	7.6	52.1	90.8	Q	44.9
No.....	83.0	77.8	40.1	7.2	49.7	92.2	13.9	52.2

Table SH8. Average Consumption for Space Heating by Main Space Heating Fuel Used, 2005
Million British Thermal Units (Btu) per Household

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used (million Btu of consumption per household using the fuel as a main heating source)					
			Any Major Fuel ⁴	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Age of Main Heating Equipment Used by One Housing Unit								
Less than 2 Years.....	11.7	11.3	33.9	7.3	43.8	83.7	Q	60.5
2 to 4 Years.....	13.8	13.3	36.6	6.6	46.1	106.6	Q	53.2
5 to 9 Years.....	20.6	19.7	35.4	7.0	46.7	84.1	Q	51.1
10 to 19 Years.....	24.8	23.5	41.2	7.5	51.3	92.2	Q	46.3
20 Years or More.....	21.5	19.9	48.4	8.6	54.7	96.8	Q	44.4
Don't Know.....	8.6	8.1	35.2	7.2	50.9	85.4	N	Q
Used by Two or More Housing Units								
Less than 2 Years.....	0.3	0.3	40.6	Q	Q	Q	N	N
2 to 4 Years.....	0.4	0.4	47.5	Q	Q	Q	N	N
5 to 9 Years.....	0.6	0.6	45.5	Q	Q	Q	N	N
10 to 19 Years.....	1.1	1.0	51.1	Q	59.9	Q	Q	Q
20 Years or More.....	2.7	2.4	52.2	6.8	56.6	87.0	N	Q
Don't Know.....	3.7	3.5	53.6	6.1	55.0	86.9	N	Q
Heated Floorspace (Square Feet)								
Fewer than 500.....	9.7	6.0	21.6	5.1	32.8	70.0	Q	31.1
500 to 999.....	27.7	26.8	32.4	6.6	42.2	81.8	13.8	47.2
1,000 to 1,499.....	26.0	25.4	36.9	6.9	47.3	93.5	Q	46.8
1,500 to 1,999.....	17.6	16.9	41.3	7.1	51.1	84.5	Q	46.4
2,000 to 2,499.....	10.7	10.2	48.3	7.9	55.8	94.2	Q	46.8
2,500 to 2,999.....	7.7	7.5	50.6	10.1	56.0	100.9	Q	Q
3,000 to 3,499.....	3.8	3.6	61.3	11.8	69.6	87.8	Q	Q
3,500 to 3,999.....	2.6	2.5	74.4	10.7	80.4	128.2	N	69.3
4,000 or More.....	5.2	5.0	63.2	13.2	70.1	117.5	N	66.9
Weekday Home Activities								
Home Used for Business								
Yes.....	8.9	8.3	45.1	6.8	56.1	95.0	Q	50.9
No.....	102.2	95.7	40.0	7.3	49.8	91.6	17.9	50.4
Energy-Intensive Activity								
Yes.....	2.2	2.1	39.2	9.1	47.0	Q	N	Q
No.....	108.9	101.8	40.5	7.3	50.4	91.8	18.0	50.6
Someone Home All Day								
Yes.....	56.4	52.4	43.2	7.5	52.5	93.8	19.8	52.2
No.....	54.7	51.6	37.7	7.1	48.0	89.5	15.9	48.4

Table SH8. Average Consumption for Space Heating by Main Space Heating Fuel Used, 2005
Million British Thermal Units (Btu) per Household

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used (million Btu of consumption per household using the fuel as a main heating source)					
			Any Major Fuel ⁴	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Adequacy of Insulation								
Well Insulated.....	42.8	40.7	40.4	7.5	49.5	90.6	Q	53.7
Adequately Insulated.....	46.3	43.5	40.0	7.1	50.3	91.1	9.3	48.1
Poorly Insulated.....	19.0	17.4	41.4	7.2	52.0	100.0	23.5	46.2
No Insulation.....	1.4	0.9	45.7	Q	43.5	Q	N	N
Don't Know.....	1.7	1.5	41.3	8.5	54.4	Q	N	Q
Home is Too Drafty During the Winter								
Never.....	62.9	58.9	37.0	6.9	47.1	92.2	14.8	49.5
Some of the Time.....	32.4	30.4	45.1	8.0	52.9	92.3	Q	53.4
Most of the Time.....	6.1	5.7	50.1	7.7	60.6	96.4	Q	45.4
All of the Time.....	5.6	5.2	47.6	9.0	57.6	84.8	Q	44.4
Don't Know.....	4.1	3.8	32.9	7.5	47.8	Q	N	Q
Unusually High Ceilings								
Yes.....	27.2	25.9	40.1	7.6	47.8	92.5	Q	59.4
No.....	76.9	71.8	41.8	7.1	51.7	92.3	12.5	51.3
Not Asked (Mobile Homes).....	6.9	6.3	26.2	7.9	40.8	70.7	26.8	37.7
Cathedral Ceilings (In Housing Units with High Ceilings)								
Yes.....	17.1	16.2	37.5	7.5	44.2	88.9	Q	66.9
No.....	10.1	9.7	44.6	7.9	53.4	97.8	N	43.9
Type of Glass in Windows								
Single-pane Glass.....	50.7	46.7	35.0	5.8	47.3	93.4	16.6	42.2
Double-pane Glass								
Without Low-e Coating.....	50.6	48.0	44.1	9.0	52.7	89.3	Q	51.4
With Low-e Coating.....	8.0	7.8	48.0	8.6	51.1	95.6	Q	68.5
Triple-pane Glass								
Without Low-e Coating.....	1.0	0.9	53.5	Q	63.5	Q	N	Q
With Low-e Coating.....	0.3	0.3	65.2	Q	Q	Q	N	Q
Proportion of Original Windows Replaced								
All.....	22.4	21.4	50.9	8.1	55.3	91.5	Q	57.8
Some.....	21.6	19.9	51.4	7.8	57.9	95.8	Q	46.8
None.....	62.3	58.2	33.7	7.1	44.9	90.1	20.6	48.9
Don't Know.....	4.7	4.4	30.1	6.5	51.2	Q	Q	Q

Table SH8. Average Consumption for Space Heating by Main Space Heating Fuel Used, 2005
Million British Thermal Units (Btu) per Household

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used (million Btu of consumption per household using the fuel as a main heating source)					
			Any Major Fuel ⁴	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Thermostats								
Do Not Have a Thermostat	15.3	11.0	35.3	6.8	46.0	84.5	Q	42.3
Have a Thermostat	95.8	93.0	41.1	7.4	50.8	92.9	18.2	52.1
1.....	84.5	82.1	39.4	7.0	49.3	90.6	17.0	49.8
2 or More.....	11.3	10.9	53.8	10.3	63.2	102.4	Q	68.2
Have a Programmable Thermostat								
Yes.....	33.1	32.5	42.5	7.0	49.3	90.3	Q	56.9
No.....	62.7	60.5	40.3	7.5	51.8	93.9	16.9	50.2
Use of Programmable Thermostats								
Reduces Temperature During Day								
Yes.....	18.6	18.3	45.6	6.7	51.4	90.8	Q	52.9
No.....	14.5	14.2	38.6	7.3	46.2	89.5	Q	60.4
Reduces Temperature at Night								
Yes.....	21.5	21.1	44.1	6.9	50.1	91.0	Q	53.6
No.....	11.6	11.4	39.5	7.2	47.6	89.1	Q	61.2

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.

4 The major fuels are electricity, natural gas, fuel oil, kerosene, and liquefied petroleum gas (LPG).

5 Kerosene consumption and expenditure estimates could only be calculated for space heating since too few cases in the sample had viable data for water heating and appliances. Therefore, total estimates for kerosene equal space heating estimates for kerosene.

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 SH9. Average Expenditures for Space Heating by Main Space Heating Fuel Used, 2005
Dollars per Household

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used (Dollars per household using the fuel)					
			Any Major Fuel ⁴	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Total	111.1	104.0	532	190	544	1356	253	921
Census Region and Division								
Northeast.....	20.6	19.8	972	358	808	1382	201	1227
New England.....	5.5	5.2	1184	326	951	1483	Q	Q
Middle Atlantic.....	15.1	14.6	896	365	771	1316	Q	1253
Midwest.....	25.6	24.2	672	253	662	1134	Q	1035
East North Central.....	17.7	16.7	699	280	684	1120	Q	1067
West North Central.....	7.9	7.5	611	214	609	Q	N	985
South.....	40.7	38.8	334	169	414	1290	222	807
South Atlantic.....	21.7	20.5	342	161	521	1290	223	825
East South Central.....	6.9	6.6	441	196	551	Q	Q	863
West South Central.....	12.1	11.7	259	172	253	N	N	718
West.....	24.2	21.2	327	187	307	1473	Q	877
Mountain.....	7.6	6.9	424	166	412	Q	N	974
Pacific.....	16.6	14.2	281	195	257	Q	Q	683
Four Most Populated States								
New York.....	7.1	6.7	1002	422	855	1362	Q	Q
Florida.....	7.0	6.3	83	72	Q	N	Q	Q
Texas.....	8.0	7.7	215	174	217	N	N	Q
California.....	12.1	10.5	199	154	184	Q	N	Q
All Other States.....	76.9	72.8	612	228	619	1360	260	936
Urban/Rural Location (as Self-Reported)								
City.....	47.1	44.1	449	158	519	1271	Q	802
Town.....	19.0	18.3	594	198	597	1472	Q	932
Suburbs.....	22.7	22.0	529	211	539	1399	Q	714
Rural.....	22.3	19.6	665	237	573	1340	304	938
Climate Zone¹								
Less than 2,000 CDD and--								
Greater than 7,000 HDD.....	10.9	10.1	852	329	703	1397	Q	1150
5,500 to 7,000 HDD.....	26.1	24.9	775	262	722	1428	227	996
4,000 to 5,499 HDD.....	27.3	26.1	646	262	634	1283	Q	863
Fewer than 4,000 HDD.....	24.0	21.8	320	209	278	Q	Q	830
2000 CDD or More and--								
Less than 4,000 HDD.....	22.8	21.0	173	117	225	N	Q	608

Table SH9. Average Expenditures for Space Heating by Main Space Heating Fuel Used, 2005
Dollars per Household

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used (Dollars per household using the fuel)					
			Any Major Fuel ⁴	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Type of Housing Unit								
Single-Family Detached.....	72.1	68.2	586	200	566	1421	186	974
Single-Family Attached.....	7.6	7.3	508	211	564	1133	Q	Q
Apartments in 2-4 Unit Buildings.....	7.8	7.2	603	166	697	1243	N	Q
Apartments in 5 or More Unit Buildings.....	16.7	15.0	315	166	342	1205	Q	Q
Mobile Homes.....	6.9	6.3	417	195	450	1064	393	729
Ownership of Housing Unit								
Owned	78.1	73.8	576	197	571	1382	277	943
Single-Family Detached.....	64.1	60.6	596	204	572	1417	215	992
Single-Family Attached.....	4.2	4.1	538	209	550	1147	Q	Q
Apartments in 2-4 Unit Buildings.....	1.8	1.8	849	127	934	1267	N	N
Apartments in 5 or More Unit Buildings.....	2.3	2.1	253	114	329	Q	N	Q
Mobile Homes.....	5.7	5.2	415	192	448	Q	Q	743
Rented	33.0	30.1	426	179	477	1278	Q	775
Single-Family Detached.....	8.0	7.6	513	173	518	1457	Q	829
Single-Family Attached.....	3.4	3.2	470	212	583	Q	N	N
Apartments in 2-4 Unit Buildings.....	5.9	5.4	524	172	606	1231	N	Q
Apartments in 5 or More Unit Buildings.....	14.4	12.9	324	174	345	1232	Q	Q
Mobile Homes.....	1.2	1.0	426	212	464	Q	Q	Q
Year of Construction								
Before 1940.....	14.7	13.7	913	258	805	1467	Q	983
1940 to 1949.....	7.4	6.9	631	165	527	1269	N	950
1950 to 1959.....	12.5	11.9	604	179	577	1314	Q	866
1960 to 1969.....	12.5	11.3	535	177	564	1279	Q	844
1970 to 1979.....	18.9	17.2	456	179	493	1397	Q	910
1980 to 1989.....	18.6	17.6	378	194	407	1305	Q	828
1990 to 1999.....	17.3	16.5	431	200	463	1270	Q	937
2000 to 2005.....	9.2	8.8	402	186	433	967	N	1024

Table SH9. Average Expenditures for Space Heating by Main Space Heating Fuel Used, 2005
Dollars per Household

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used (Dollars per household using the fuel)						
			Any Major Fuel ⁴	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG	
Household Size									
1 Person.....	30.0	28.5	487	190	506	1372	210	929	
2 Persons.....	34.8	32.6	562	187	559	1403	Q	991	
3 Persons.....	18.4	17.2	554	195	555	1341	Q	903	
4 Persons.....	15.9	14.7	541	196	548	1339	Q	863	
5 Persons.....	7.9	7.3	517	175	571	1198	Q	632	
6 or More Persons.....	4.1	3.6	505	196	581	Q	N	Q	
2005 Household Income Category									
Less than \$10,000.....	9.9	9.0	506	185	555	1310	Q	882	
\$10,000 to \$14,999.....	8.5	7.9	499	195	517	1325	Q	787	
\$15,000 to \$19,999.....	8.4	7.7	498	198	519	1167	Q	864	
\$20,000 to \$29,999.....	15.1	14.0	507	189	572	1275	Q	735	
\$30,000 to \$39,999.....	13.6	12.5	495	170	515	1273	Q	912	
\$40,000 to \$49,999.....	11.0	10.4	532	182	535	1530	Q	935	
\$50,000 to \$74,999.....	19.8	18.8	508	188	503	1275	Q	1014	
\$75,000 to \$99,999.....	10.6	10.0	646	209	630	1419	N	892	
\$100,000 or More.....	14.2	13.6	594	208	561	1701	N	1282	
Income Relative to Poverty Line									
Below 100 Percent.....	16.6	14.9	510	179	570	1253	Q	839	
100 to 150 Percent.....	12.9	11.8	466	190	503	1365	Q	682	
Above 150 Percent.....	81.5	77.2	546	193	546	1377	Q	985	
Eligible for Federal Assistance²									
Yes.....	38.6	35.2	516	191	555	1263	240	823	
No.....	72.5	68.8	539	189	539	1416	Q	969	
Payment Method for Utilities									
All Paid by Household.....	97.5	91.7	536	189	557	1385	260	924	
Some Paid, Some in Rent.....	7.6	6.8	530	180	496	1219	Q	Q	
All Included in Rent.....	4.7	4.3	450	214	391	1255	Q	Q	
Other Method.....	1.3	1.2	520	278	523	Q	N	Q	

Table SH9. Average Expenditures for Space Heating by Main Space Heating Fuel Used, 2005
Dollars per Household

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used (Dollars per household using the fuel)					
			Any Major Fuel ⁴	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Ethnic Origin of Householder								
Hispanic Descent.....	14.8	12.9	425	158	453	1214	Q	760
Non-Hispanic Descent.....	96.3	91.1	547	196	557	1377	255	934
Race of Householder³								
White.....	79.1	74.4	558	192	557	1378	292	936
Hispanic.....	5.0	4.4	364	148	367	1110	Q	Q
Non-Hispanic.....	74.1	70.0	570	196	568	1389	293	942
Black.....	13.4	13.1	511	203	609	1279	Q	812
Hispanic.....	0.3	0.3	763	Q	Q	Q	N	Q
Non-Hispanic.....	13.1	12.7	504	202	604	1322	Q	809
Asian.....	3.3	2.9	350	165	386	Q	N	N
Multi-Racial.....	1.3	1.2	407	179	463	Q	N	Q
Other.....	7.1	6.4	444	181	407	1283	Q	987
Undetermined (Race Reported as Hispanic).....	6.9	6.0	461	167	516	1273	N	Q
Age of Householder								
Under 25 Years.....	5.5	5.0	372	167	455	1329	Q	Q
25 to 34 Years.....	18.2	17.0	447	188	499	1136	Q	728
35 to 44 Years.....	22.2	20.7	508	191	557	1223	Q	793
45 to 54 Years.....	23.3	22.0	548	202	539	1429	Q	896
55 to 64 Years.....	18.0	16.6	566	183	539	1434	Q	998
65 to 74 Years.....	12.3	11.5	574	193	576	1353	Q	1041
75 Years or More.....	11.7	11.3	653	193	608	1482	Q	1019
Adults Age 65 or Older in Household								
Yes.....	26.9	25.3	606	189	590	1414	Q	1036
No.....	84.2	78.7	508	190	529	1330	306	874
Children Under Age 5 in Household								
Yes.....	15.0	14.0	472	187	540	1207	Q	696
No.....	96.1	90.0	541	191	545	1372	255	942
Children Age 5 to 16 in Household								
Yes.....	28.1	26.2	537	198	559	1332	Q	841
No.....	83.0	77.8	530	187	539	1363	194	946

Table SH9. Average Expenditures for Space Heating by Main Space Heating Fuel Used, 2005
Dollars per Household

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used (Dollars per household using the fuel)					
			Any Major Fuel ⁴	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Age of Main Heating Equipment Used by One Housing Unit								
Less than 2 Years.....	11.7	11.3	460	185	476	1242	Q	1092
2 to 4 Years.....	13.8	13.3	505	175	509	1579	Q	898
5 to 9 Years.....	20.6	19.7	480	176	510	1264	Q	953
10 to 19 Years.....	24.8	23.5	553	193	568	1368	Q	865
20 Years or More.....	21.5	19.9	618	222	592	1420	Q	851
Don't Know.....	8.6	8.1	443	194	544	1225	N	Q
Used by Two or More Housing Units								
Less than 2 Years.....	0.3	0.3	488	Q	Q	Q	N	N
2 to 4 Years.....	0.4	0.4	616	Q	Q	Q	N	N
5 to 9 Years.....	0.6	0.6	535	Q	Q	Q	N	N
10 to 19 Years.....	1.1	1.0	609	Q	625	Q	Q	Q
20 Years or More.....	2.7	2.4	592	199	524	1276	N	Q
Don't Know.....	3.7	3.5	663	208	564	1275	N	Q
Heated Floorspace (Square Feet)								
Fewer than 500.....	9.7	6.0	298	139	358	992	Q	674
500 to 999.....	27.7	26.8	434	184	445	1208	203	854
1,000 to 1,499.....	26.0	25.4	488	176	515	1392	Q	901
1,500 to 1,999.....	17.6	16.9	545	179	560	1247	Q	850
2,000 to 2,499.....	10.7	10.2	627	207	610	1362	Q	866
2,500 to 2,999.....	7.7	7.5	644	254	604	1483	Q	Q
3,000 to 3,499.....	3.8	3.6	778	265	766	1333	Q	Q
3,500 to 3,999.....	2.6	2.5	958	278	851	1924	N	1134
4,000 or More.....	5.2	5.0	826	323	757	1740	N	1199
Weekday Home Activities								
Home Used for Business								
Yes.....	8.9	8.3	598	177	603	1471	Q	917
No.....	102.2	95.7	526	191	539	1346	252	922
Energy-Intensive Activity								
Yes.....	2.2	2.1	517	233	519	Q	N	Q
No.....	108.9	101.8	532	189	545	1355	253	923
Someone Home All Day								
Yes.....	56.4	52.4	565	194	568	1383	266	959
No.....	54.7	51.6	497	187	520	1322	238	877

Table SH9. Average Expenditures for Space Heating by Main Space Heating Fuel Used, 2005
Dollars per Household

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used (Dollars per household using the fuel)					
			Any Major Fuel ⁴	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Adequacy of Insulation								
Well Insulated.....	42.8	40.7	532	195	530	1338	Q	943
Adequately Insulated.....	46.3	43.5	527	182	546	1344	144	909
Poorly Insulated.....	19.0	17.4	537	197	567	1473	324	879
No Insulation.....	1.4	0.9	586	Q	441	Q	N	N
Don't Know.....	1.7	1.5	553	229	650	Q	N	Q
Home is Too Drafty During the Winter								
Never.....	62.9	58.9	492	179	505	1362	203	914
Some of the Time.....	32.4	30.4	590	208	579	1366	Q	946
Most of the Time.....	6.1	5.7	641	204	672	1397	Q	859
All of the Time.....	5.6	5.2	587	216	610	1249	Q	830
Don't Know.....	4.1	3.8	445	206	526	Q	N	Q
Unusually High Ceilings								
Yes.....	27.2	25.9	525	204	516	1346	Q	1050
No.....	76.9	71.8	544	185	560	1366	166	937
Not Asked (Mobile Homes).....	6.9	6.3	417	195	450	1064	393	729
Cathedral Ceilings (In Housing Units with High Ceilings)								
Yes.....	17.1	16.2	500	205	473	1284	Q	1174
No.....	10.1	9.7	568	202	581	1437	N	794
Type of Glass in Windows								
Single-pane Glass.....	50.7	46.7	463	156	517	1394	237	808
Double-pane Glass								
Without Low-e Coating.....	50.6	48.0	579	230	566	1310	Q	953
With Low-e Coating.....	8.0	7.8	624	211	551	1400	Q	1083
Triple-pane Glass								
Without Low-e Coating.....	1.0	0.9	686	Q	673	Q	N	Q
With Low-e Coating.....	0.3	0.3	863	Q	Q	Q	N	Q
Proportion of Original Windows Replaced								
All.....	22.4	21.4	662	212	605	1355	Q	1041
Some.....	21.6	19.9	654	202	627	1399	Q	877
None.....	62.3	58.2	454	185	483	1338	287	893
Don't Know.....	4.7	4.4	382	177	546	Q	Q	Q

Table SH9. Average Expenditures for Space Heating by Main Space Heating Fuel Used, 2005
Dollars per Household

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used (Dollars per household using the fuel)					
			Any Major Fuel ⁴	Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Thermostats								
Do Not Have a Thermostat.....	15.3	11.0	485	192	479	1240	Q	847
Have a Thermostat.....	95.8	93.0	537	190	551	1372	252	936
1.....	84.5	82.1	511	182	532	1338	236	902
2 or More.....	11.3	10.9	734	255	710	1511	Q	1175
Have a Programmable Thermostat								
Yes.....	33.1	32.5	538	186	532	1326	Q	1026
No.....	62.7	60.5	537	191	564	1389	235	902
Use of Programmable Thermostats								
Reduces Temperature During Day								
Yes.....	18.6	18.3	563	186	551	1355	Q	919
No.....	14.5	14.2	506	186	504	1280	Q	1122
Reduces Temperature at Night								
Yes.....	21.5	21.1	548	188	541	1353	Q	939
No.....	11.6	11.4	520	185	513	1276	Q	1141

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.

4 The major fuels are electricity, natural gas, fuel oil, kerosene, and liquefied petroleum gas (LPG).

5 Kerosene consumption and expenditure estimates could only be calculated for space heating since too few cases in the sample had viable data for water heating and appliances. Therefore, total estimates for kerosene equal space heating estimates for kerosene.

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 SH10. Average Heating Degree Days by Main Space Heating Fuel Used, 2005
Heating Degree Days per Household

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Main Space Heating Fuel Used (heating degree days per household using the fuel as a main heating source)						
			Any Fuel	Electricity	Natural Gas	Fuel Oil	Kerosene ⁴	LPG	Other
Total.....	111.1	107.5	4145	2881	4510	5918	5161	4785	4773
Census Region and Division									
Northeast.....	20.6	20.4	5769	5620	5571	6058	5849	6693	6239
New England.....	5.5	5.3	6752	6261	6449	7025	Q	Q	7117
Middle Atlantic.....	15.1	15.1	5421	5497	5349	5430	Q	6511	5903
Midwest.....	25.6	25.1	5964	5525	5997	6268	Q	6336	5965
East North Central.....	17.7	17.3	6129	5819	6121	6213	Q	6523	6627
West North Central.....	7.9	7.8	5599	5103	5696	Q	N	6051	4893
South.....	40.7	39.8	2674	2274	2977	4561	4465	3393	3481
South Atlantic.....	21.7	20.9	2843	2208	3686	4602	4488	4073	4478
East South Central.....	6.9	6.9	3277	3147	3504	Q	Q	3236	2987
West South Central.....	12.1	12.0	2036	1871	2076	N	N	2663	2444
West.....	24.2	22.1	3229	2885	3182	4575	Q	4820	4064
Mountain.....	7.6	7.4	4301	2623	4673	Q	N	5688	5093
Pacific.....	16.6	14.7	2694	2990	2447	Q	Q	3190	3159
Four Most Populated States									
New York.....	7.1	7.1	5688	5815	5632	5584	Q	Q	5951
Florida.....	7.0	6.3	603	587	779	N	Q	Q	N
Texas.....	8.0	7.9	1725	1637	1791	N	N	Q	Q
California.....	12.1	10.8	1734	1643	1744	Q	N	Q	1989
All Other States.....	76.9	75.4	4894	3879	5196	6095	5390	4897	5100
Urban/Rural Location (as Self-Reported)									
City.....	47.1	44.6	3735	2484	4250	5686	Q	Q	4278
Town.....	19.0	18.6	4635	3161	4935	6397	Q	5332	4909
Suburbs.....	22.7	22.2	4183	3103	4480	5430	Q	3830	Q
Rural.....	22.3	21.9	4527	3348	5044	6081	5701	4813	4883
Climate Zone¹									
Less than 2,000 CDD and--									
Greater than 7,000 HDD.....	10.9	10.8	7386	7090	7319	7837	Q	7304	7545
5,500 to 7,000 HDD.....	26.1	25.5	5959	5711	5960	6184	5973	6064	5915
4,000 to 5,499 HDD.....	27.3	27.2	4701	4595	4724	4924	Q	4521	4570
Fewer than 4,000 HDD.....	24.0	22.6	2523	2686	2276	Q	Q	3203	2839
2000 CDD or More and--									
Less than 4,000 HDD.....	22.8	21.4	1353	1175	1652	N	Q	1697	1881

Table SH10. Average Heating Degree Days by Main Space Heating Fuel Used, 2005
Heating Degree Days per Household

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Main Space Heating Fuel Used (heating degree days per household using the fuel as a main heating source)						
			Any Fuel	Electricity	Natural Gas	Fuel Oil	Kerosene ⁴	LPG	Other
Type of Housing Unit									
Single-Family Detached.....	72.1	71.0	4154	2771	4377	6125	4925	5040	4624
Single-Family Attached.....	7.6	7.3	4585	3645	4876	5518	Q	Q	Q
Apartments in 2-4 Unit Buildings.....	7.8	7.3	4222	2788	4672	5685	N	Q	Q
Apartments in 5 or More Unit Buildings.....	16.7	15.3	3996	3028	4832	5054	Q	Q	5025
Mobile Homes.....	6.9	6.5	3824	2738	4849	5683	5610	3692	5683
Ownership of Housing Unit									
Owned	78.1	76.6	4191	2768	4516	6026	5383	4831	4765
Single-Family Detached.....	64.1	63.2	4197	2797	4415	6151	5311	5119	4665
Single-Family Attached.....	4.2	4.1	4808	3685	5058	5444	Q	Q	Q
Apartments in 2-4 Unit Buildings.....	1.8	1.8	5002	Q	5556	5542	N	N	N
Apartments in 5 or More Unit Buildings.....	2.3	2.1	3197	1953	4710	Q	N	Q	N
Mobile Homes.....	5.7	5.5	3767	2636	4903	Q	Q	3606	5515
Rented	33.0	30.8	4031	3081	4492	5590	Q	4468	4807
Single-Family Detached.....	8.0	7.8	3801	2573	4070	5863	Q	4338	Q
Single-Family Attached.....	3.4	3.2	4297	3613	4629	Q	N	N	N
Apartments in 2-4 Unit Buildings.....	5.9	5.5	3968	2842	4321	5760	N	Q	Q
Apartments in 5 or More Unit Buildings.....	14.4	13.3	4122	3212	4852	5323	Q	Q	5025
Mobile Homes.....	1.2	1.1	4118	3305	4588	Q	Q	Q	Q
Year of Construction									
Before 1940.....	14.7	14.5	5160	3693	5134	5894	Q	5349	5243
1940 to 1949.....	7.4	7.1	4319	2746	4354	5650	N	3813	Q
1950 to 1959.....	12.5	12.3	4325	2813	4469	5911	Q	4985	4309
1960 to 1969.....	12.5	11.9	4078	2852	4427	5646	Q	3926	4008
1970 to 1979.....	18.9	17.9	3925	2653	4370	6015	Q	4744	5761
1980 to 1989.....	18.6	18.0	3718	2928	4156	6057	Q	4635	4240
1990 to 1999.....	17.3	16.8	3963	2944	4647	6548	Q	4716	3577
2000 to 2005.....	9.2	8.9	3851	2907	4277	7158	N	5443	Q

Table SH10. Average Heating Degree Days by Main Space Heating Fuel Used, 2005
Heating Degree Days per Household

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Main Space Heating Fuel Used (heating degree days per household using the fuel as a main heating source)							
			Any Fuel	Electricity	Natural Gas	Fuel Oil	Kerosene ⁴	LPG	Other	
Household Size										
1 Person.....	30.0	29.0	4190	3078	4579	5980	5081	4716	4855	
2 Persons.....	34.8	34.0	4192	2876	4496	5896	Q	5003	4898	
3 Persons.....	18.4	17.9	4166	2951	4471	5797	Q	4820	4630	
4 Persons.....	15.9	15.3	4034	2606	4510	6039	Q	4447	4330	
5 Persons.....	7.9	7.5	4020	2460	4483	5947	Q	4227	Q	
6 or More Persons.....	4.1	3.7	3972	2784	4367	Q	N	Q	Q	
2005 Household Income Category										
Less than \$10,000.....	9.9	9.4	3988	2777	4509	5812	Q	3762	4298	
\$10,000 to \$14,999.....	8.5	8.2	4289	3372	4614	5650	Q	4233	5209	
\$15,000 to \$19,999.....	8.4	8.0	4176	2902	4754	5947	Q	4044	4185	
\$20,000 to \$29,999.....	15.1	14.5	4211	3141	4642	5787	Q	3665	5232	
\$30,000 to \$39,999.....	13.6	13.0	4052	2735	4638	5555	Q	4958	3941	
\$40,000 to \$49,999.....	11.0	10.8	4041	2582	4431	6214	Q	5287	4813	
\$50,000 to \$74,999.....	19.8	19.4	4114	2933	4294	6091	Q	5462	4935	
\$75,000 to \$99,999.....	10.6	10.4	4441	2796	4868	6082	N	5031	5020	
\$100,000 or More.....	14.2	13.9	4071	2669	4262	6071	N	6050	5371	
Income Relative to Poverty Line										
Below 100 Percent.....	16.6	15.7	4016	2795	4573	5678	4236	3631	4676	
100 to 150 Percent.....	12.9	12.3	4113	3173	4480	5817	Q	3964	4652	
Above 150 Percent.....	81.5	79.5	4176	2850	4503	5982	Q	5168	4830	
Eligible for Federal Assistance²										
Yes.....	38.6	36.6	4237	3011	4717	5855	4917	4054	4786	
No.....	72.5	70.8	4098	2808	4415	5959	Q	5129	4764	
Payment Method for Utilities										
All Paid by Household.....	97.5	94.6	4090	2845	4444	6054	5048	4793	4717	
Some Paid, Some in Rent.....	7.6	7.1	4651	3269	5036	5500	Q	Q	4756	
All Included in Rent.....	4.7	4.5	4483	3133	4949	4979	Q	Q	Q	
Other Method.....	1.3	1.3	4272	3034	4706	Q	N	Q	Q	

Table SH10. Average Heating Degree Days by Main Space Heating Fuel Used, 2005
Heating Degree Days per Household

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Main Space Heating Fuel Used (heating degree days per household using the fuel as a main heating source)						
			Any Fuel	Electricity	Natural Gas	Fuel Oil	Kerosene ⁴	LPG	Other
Ethnic Origin of Householder									
Hispanic Descent.....	14.8	13.3	3385	2312	3725	5194	Q	3965	4800
Non-Hispanic Descent.....	96.3	94.2	4253	2974	4619	6020	5139	4847	4770
Race of Householder³									
White.....	79.1	77.2	4360	2994	4706	6141	6025	5047	4898
Hispanic.....	5.0	4.4	3172	2176	3412	5383	Q	Q	Q
Non-Hispanic.....	74.1	72.7	4433	3060	4783	6168	6003	5037	4876
Black.....	13.4	13.3	3661	2793	4163	5108	Q	3292	Q
Hispanic.....	0.3	0.3	4926	Q	Q	Q	N	Q	N
Non-Hispanic.....	13.1	12.9	3628	2783	4129	4997	Q	3314	Q
Asian.....	3.3	2.9	3279	2234	3728	Q	N	N	Q
Multi-Racial.....	1.3	1.2	3701	2862	4061	Q	N	Q	Q
Other.....	7.1	6.6	3631	2691	3824	5304	Q	4160	Q
Undetermined (Race Reported as Hispanic).....	6.9	6.2	3562	2407	4030	5145	N	Q	Q
Age of Householder									
Under 25 Years.....	5.5	5.1	3982	3046	4915	Q	Q	Q	Q
25 to 34 Years.....	18.2	17.5	4096	3008	4541	5944	Q	4792	5113
35 to 44 Years.....	22.2	21.4	4099	2752	4625	5908	Q	4551	4509
45 to 54 Years.....	23.3	22.7	4195	2980	4443	6019	Q	5387	4787
55 to 64 Years.....	18.0	17.4	4167	2888	4327	5851	Q	4918	5206
65 to 74 Years.....	12.3	12.0	4086	2880	4335	6118	Q	4370	4411
75 Years or More.....	11.7	11.4	4309	2541	4698	5873	Q	4540	Q
Adults Age 65 or Older in Household									
Yes.....	d								
Yes.....	26.9	26.2	4124	2646	4438	5907	Q	4424	4432
No.....	84.2	81.3	4152	2942	4533	5924	5011	4933	4887
Children Under Age 5 in Household									
Yes.....	15.0	14.3	4022	2723	4572	6037	Q	4103	5378
No.....	96.1	93.1	4164	2909	4500	5906	5157	4846	4705
Children Age 5 to 16 in Household									
Yes.....	28.1	27.0	4078	2789	4490	5952	Q	4542	4400
No.....	83.0	80.5	4168	2911	4517	5909	5084	4858	4877

Table SH10. Average Heating Degree Days by Main Space Heating Fuel Used, 2005
Heating Degree Days per Household

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Main Space Heating Fuel Used (heating degree days per household using the fuel as a main heating source)						
			Any Fuel	Electricity	Natural Gas	Fuel Oil	Kerosene ⁴	LPG	Other
Age of Main Heating Equipment Used by One Housing Unit									
Less than 2 Years.....	11.7	11.4	3919	2783	4374	6097	Q	5329	Q
2 to 4 Years.....	13.8	13.7	3838	2415	4342	6495	Q	4402	5398
5 to 9 Years.....	20.6	20.2	4009	2619	4615	6103	Q	4570	4471
10 to 19 Years.....	24.8	24.4	4210	2927	4521	5989	Q	4915	5078
20 Years or More.....	21.5	20.9	4215	3282	4239	5961	Q	4920	4273
Don't Know.....	8.6	8.2	4211	3352	4638	5901	N	Q	Q
Used by Two or More Housing Units									
Less than 2 Years.....	0.3	0.3	4248	Q	Q	Q	N	N	Q
2 to 4 Years.....	0.4	0.4	4820	Q	Q	Q	N	N	Q
5 to 9 Years.....	0.6	0.6	4778	Q	6282	Q	N	N	N
10 to 19 Years.....	1.1	1.1	4479	Q	4562	Q	Q	Q	Q
20 Years or More.....	2.7	2.6	4649	2915	5176	4558	N	Q	Q
Don't Know.....	3.7	3.6	5139	4070	5300	5530	N	Q	Q
Heated Floorspace (Square Feet)									
Fewer than 500.....	9.7	6.1	3524	2776	4036	5704	Q	Q	Q
500 to 999.....	27.7	27.7	4007	3064	4383	5747	5602	4175	4460
1,000 to 1,499.....	26.0	26.0	3836	2652	4238	5669	Q	4372	4833
1,500 to 1,999.....	17.6	17.6	4107	2675	4399	5913	Q	5234	4944
2,000 to 2,499.....	10.7	10.7	4482	2746	4896	6203	Q	4540	4508
2,500 to 2,999.....	7.7	7.7	4398	2942	4604	6038	Q	Q	Q
3,000 to 3,499.....	3.8	3.8	4935	3396	5073	6088	Q	Q	Q
3,500 to 3,999.....	2.6	2.6	5375	3155	5716	6212	N	5992	Q
4,000 or More.....	5.2	5.2	5044	3910	5181	6376	N	5503	Q
Weekday Home Activities									
Home Used for Business									
Yes.....	8.9	8.7	4139	2455	4628	6069	Q	4831	4249
No.....	102.2	98.7	4146	2915	4500	5905	5170	4777	4848
Energy-Intensive Activity									
Yes.....	2.2	2.2	4103	2753	4322	Q	N	Q	Q
No.....	108.9	105.2	4146	2883	4514	5915	5161	4763	4755
Someone Home All Day									
Yes.....	56.4	54.6	4082	2783	4430	5797	5296	4414	4579
No.....	54.7	52.9	4210	2969	4593	6072	5006	5217	5109

Table SH10. Average Heating Degree Days by Main Space Heating Fuel Used, 2005
Heating Degree Days per Household

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Main Space Heating Fuel Used (heating degree days per household using the fuel as a main heating source)						
			Any Fuel	Electricity	Natural Gas	Fuel Oil	Kerosene ⁴	LPG	Other
Adequacy of Insulation									
Well Insulated.....	42.8	42.1	4277	3018	4603	6040	Q	5226	4853
Adequately Insulated.....	46.3	44.8	4073	2740	4479	5842	5536	4590	5162
Poorly Insulated.....	19.0	18.2	4006	2844	4377	5971	4399	3976	4266
No Insulation.....	1.4	0.9	3492	Q	3424	Q	N	N	Q
Don't Know.....	1.7	1.5	4683	3860	5191	Q	N	Q	Q
Home is Too Drafty During the Winter									
Never.....	62.9	60.8	3968	2692	4413	5873	5462	4785	4649
Some of the Time.....	32.4	31.5	4360	3125	4554	6052	Q	4815	5300
Most of the Time.....	6.1	5.9	4410	3025	4721	5964	Q	4430	Q
All of the Time.....	5.6	5.5	4504	3784	4650	5892	Q	4846	Q
Don't Know.....	4.1	3.8	4266	3254	5038	Q	N	Q	Q
Unusually High Ceilings									
Yes.....	27.2	26.6	3910	2677	4134	6256	Q	5627	4384
No.....	76.9	74.3	4258	2971	4639	5847	4710	4817	4783
Not Asked (Mobile Homes).....	6.9	6.5	3824	2738	4849	5683	5610	3692	5683
Cathedral Ceilings (In Housing Units with High Ceilings)									
Yes.....	17.1	16.7	3889	2762	4068	6476	Q	5779	4247
No.....	10.1	10.0	3944	2501	4231	5934	N	5291	Q
Type of Glass in Windows									
Single-pane Glass.....	50.7	48.1	3496	2204	4060	5667	4578	3811	4256
Double-pane Glass									
Without Low-e Coating.....	50.6	49.9	4634	3653	4823	5977	Q	5038	5106
With Low-e Coating.....	8.0	7.9	4895	3469	4904	6719	Q	6441	Q
Triple-pane Glass									
Without Low-e Coating.....	1.0	0.9	5096	Q	5509	Q	N	Q	Q
With Low-e Coating.....	0.3	0.3	4712	Q	Q	Q	N	Q	Q
Proportion of Original Windows Replaced									
All.....	22.4	22.2	4713	3387	4822	5882	Q	5235	5308
Some.....	21.6	20.9	4439	2972	4569	6128	Q	4585	5167
None.....	62.3	59.9	3847	2750	4326	5817	5075	4675	4319
Don't Know.....	4.7	4.5	3944	3015	4798	Q	Q	Q	Q

Table SH10. Average Heating Degree Days by Main Space Heating Fuel Used, 2005
Heating Degree Days per Household

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Main Space Heating Fuel Used (heating degree days per household using the fuel as a main heating source)							
			Any Fuel	Electricity	Natural Gas	Fuel Oil	Kerosene ⁴	LPG	Other	
Thermostats										
Do Not Have a Thermostat	15.3	13.4	3771	2862	3913	5062	3810	3490	4510	
Have a Thermostat	95.8	94.1	4199	2883	4569	6032	6077	5030	5358	
1.....	84.5	82.8	4117	2726	4553	5987	6043	4898	5416	
2 or More.....	11.3	11.2	4800	4117	4698	6219	Q	5956	5223	
Have a Programmable Thermostat										
Yes.....	33.1	32.6	4097	2563	4411	5845	Q	5205	Q	
No.....	62.7	61.4	4252	3005	4677	6104	5809	4963	5267	
Use of Programmable Thermostats										
Reduces Temperature During Day										
Yes.....	18.6	18.4	4249	2440	4565	5876	Q	5315	Q	
No.....	14.5	14.2	3902	2676	4184	5793	Q	5105	Q	
Reduces Temperature at Night										
Yes.....	21.5	21.2	4186	2496	4489	5905	Q	5321	Q	
No.....	11.6	11.4	3932	2653	4244	5728	Q	5052	Q	

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.

4 Kerosene consumption and expenditure estimates could only be calculated for space heating since too few cases in the sample had viable data for water heating and appliances. Therefore, total estimates for kerosene equal space heating estimates for kerosene.

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 SH11. Average Heated Floorspace by Main Space Heating Fuel Used, 2005
Heated Square Footage per Household

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Main Space Heating Fuel Used (heated square footage per household using the fuel as a main heating source)						
			Any Fuel	Electricity	Natural Gas	Fuel Oil	Kerosene ⁴	LPG	Other
Total	111.1	107.5	1672	1461	1750	1881	966	1864	1731
Census Region and Division									
Northeast.....	20.6	20.4	1677	1248	1655	1856	Q	1534	1721
New England.....	5.5	5.3	1717	733	1620	1910	Q	Q	1708
Middle Atlantic.....	15.1	15.1	1662	1347	1663	1821	Q	1429	1726
Midwest.....	25.6	25.1	1965	1693	1938	2406	Q	2570	2017
East North Central.....	17.7	17.3	1977	1799	1941	2316	Q	2540	2080
West North Central.....	7.9	7.8	1937	1540	1932	Q	N	2615	1915
South.....	40.7	39.8	1583	1503	1748	1577	915	1417	1728
South Atlantic.....	21.7	20.9	1662	1594	1872	1610	899	1590	1808
East South Central.....	6.9	6.9	1549	1475	1792	Q	Q	1198	1562
West South Central.....	12.1	12.0	1466	1292	1611	N	N	1431	1746
West.....	24.2	22.1	1496	1245	1579	1787	Q	1912	1459
Mountain.....	7.6	7.4	1694	1473	1784	Q	N	1832	1443
Pacific.....	16.6	14.7	1398	1154	1478	Q	Q	Q	1474
Four Most Populated States									
New York.....	7.1	7.1	1547	1102	1508	1735	Q	Q	1715
Florida.....	7.0	6.3	1453	1444	1625	N	Q	Q	N
Texas.....	8.0	7.9	1590	1378	1773	N	N	Q	Q
California.....	12.1	10.8	1318	1098	1380	Q	N	Q	1447
All Other States.....	76.9	75.4	1762	1539	1838	1949	949	1887	1771
Urban/Rural Location (as Self-Reported)									
City.....	47.1	44.6	1380	1183	1497	1423	Q	Q	1023
Town.....	19.0	18.6	1618	1355	1706	1825	Q	1467	1496
Suburbs.....	22.7	22.2	2061	1909	2125	2295	Q	1494	Q
Rural.....	22.3	21.9	1920	1750	2128	2174	1146	1919	1960
Climate Zone¹									
Less than 2,000 CDD and--									
Greater than 7,000 HDD.....	10.9	10.8	2092	1590	2135	1995	Q	2252	2312
5,500 to 7,000 HDD.....	26.1	25.5	1762	1301	1809	1976	970	2151	1402
4,000 to 5,499 HDD.....	27.3	27.2	1744	1669	1773	1793	Q	2094	1480
Fewer than 4,000 HDD.....	24.0	22.6	1461	1418	1484	Q	Q	1426	1911
2000 CDD or More and--									
Less than 4,000 HDD.....	22.8	21.4	1486	1406	1656	N	Q	1327	1553

Table SH11. Average Heated Floorspace by Main Space Heating Fuel Used, 2005
Heated Square Footage per Household

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Main Space Heating Fuel Used (heated square footage per household using the fuel as a main heating source)						
			Any Fuel	Electricity	Natural Gas	Fuel Oil	Kerosene ⁴	LPG	Other
Type of Housing Unit									
Single-Family Detached.....	72.1	71.0	2001	1876	2033	2193	1124	2080	1966
Single-Family Attached.....	7.6	7.3	1525	1359	1563	2010	Q	Q	Q
Apartments in 2-4 Unit Buildings.....	7.8	7.3	964	795	1050	1011	N	Q	Q
Apartments in 5 or More Unit Buildings.....	16.7	15.3	845	816	884	827	Q	Q	738
Mobile Homes.....	6.9	6.5	1001	1022	933	785	873	1110	1045
Ownership of Housing Unit									
Owned	78.1	76.6	1938	1749	2017	2099	1042	1974	1934
Single-Family Detached.....	64.1	63.2	2068	1928	2111	2190	1264	2180	2032
Single-Family Attached.....	4.2	4.1	1851	1618	1937	1959	Q	Q	Q
Apartments in 2-4 Unit Buildings.....	1.8	1.8	1357	Q	1479	1480	N	N	N
Apartments in 5 or More Unit Buildings.....	2.3	2.1	1038	962	1187	Q	N	Q	N
Mobile Homes.....	5.7	5.5	1037	1070	947	Q	Q	1152	980
Rented	33.0	30.8	1011	947	1039	1214	Q	1105	875
Single-Family Detached.....	8.0	7.8	1455	1475	1419	2222	Q	1200	Q
Single-Family Attached.....	3.4	3.2	1107	1151	1055	Q	N	N	N
Apartments in 2-4 Unit Buildings.....	5.9	5.5	835	794	879	766	N	Q	Q
Apartments in 5 or More Unit Buildings.....	14.4	13.3	814	791	836	857	Q	Q	738
Mobile Homes.....	1.2	1.1	815	757	862	Q	Q	Q	Q
Year of Construction									
Before 1940.....	14.7	14.5	1607	1142	1647	1709	Q	1790	1485
1940 to 1949.....	7.4	7.1	1517	1200	1537	1822	N	1246	Q
1950 to 1959.....	12.5	12.3	1485	1184	1577	1546	Q	1456	1353
1960 to 1969.....	12.5	11.9	1544	1222	1629	2203	Q	1221	1436
1970 to 1979.....	18.9	17.9	1480	1293	1517	2181	Q	1432	1980
1980 to 1989.....	18.6	18.0	1614	1488	1666	1856	Q	1939	2001
1990 to 1999.....	17.3	16.8	2016	1702	2228	2803	Q	2278	2215
2000 to 2005.....	9.2	8.9	2184	1761	2499	2479	N	2496	Q

Table SH11. Average Heated Floorspace by Main Space Heating Fuel Used, 2005
Heated Square Footage per Household

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Main Space Heating Fuel Used (heated square footage per household using the fuel as a main heating source)							
			Any Fuel	Electricity	Natural Gas	Fuel Oil	Kerosene ⁴	LPG	Other	
Household Size										
1 Person.....	30.0	29.0	1256	1082	1310	1470	806	1856	1026	
2 Persons.....	34.8	34.0	1738	1459	1828	1930	Q	1860	2029	
3 Persons.....	18.4	17.9	1802	1686	1860	1822	Q	1881	1800	
4 Persons.....	15.9	15.3	1938	1848	1976	2258	Q	1907	1626	
5 Persons.....	7.9	7.5	2012	1868	2062	2510	Q	1780	Q	
6 or More Persons.....	4.1	3.7	1921	1373	2182	Q	N	Q	Q	
2005 Household Income Category										
Less than \$10,000.....	9.9	9.4	1083	970	1141	1318	Q	1077	1026	
\$10,000 to \$14,999.....	8.5	8.2	1062	858	1077	1764	Q	1324	944	
\$15,000 to \$19,999.....	8.4	8.0	1200	1081	1208	1185	Q	1621	1539	
\$20,000 to \$29,999.....	15.1	14.5	1344	1238	1358	1435	Q	1538	1666	
\$30,000 to \$39,999.....	13.6	13.0	1455	1334	1512	1665	Q	1444	1464	
\$40,000 to \$49,999.....	11.0	10.8	1692	1579	1705	1945	Q	2046	1433	
\$50,000 to \$74,999.....	19.8	19.4	1826	1575	1856	2127	Q	1989	2684	
\$75,000 to \$99,999.....	10.6	10.4	2316	1955	2471	2485	N	2199	2576	
\$100,000 or More.....	14.2	13.9	2536	2480	2525	2545	N	3457	1764	
Income Relative to Poverty Line										
Below 100 Percent.....	16.6	15.7	1115	992	1129	1506	760	1105	1291	
100 to 150 Percent.....	12.9	12.3	1181	1019	1239	1577	Q	1379	1081	
Above 150 Percent.....	81.5	79.5	1859	1643	1926	1998	Q	2106	2008	
Eligible for Federal Assistance²										
Yes.....	38.6	36.6	1240	1091	1274	1526	849	1489	1270	
No.....	72.5	70.8	1896	1669	1969	2106	Q	2040	2060	
Payment Method for Utilities										
All Paid by Household.....	97.5	94.6	1770	1520	1866	2110	981	1863	1891	
Some Paid, Some in Rent.....	7.6	7.1	986	1012	920	954	Q	Q	825	
All Included in Rent.....	4.7	4.5	854	796	879	832	Q	Q	Q	
Other Method.....	1.3	1.3	1102	1025	1186	Q	N	Q	Q	

Table SH11. Average Heated Floorspace by Main Space Heating Fuel Used, 2005
Heated Square Footage per Household

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Main Space Heating Fuel Used (heated square footage per household using the fuel as a main heating source)						
			Any Fuel	Electricity	Natural Gas	Fuel Oil	Kerosene ⁴	LPG	Other
Ethnic Origin of Householder									
Hispanic Descent.....	14.8	13.3	1278	1103	1379	1364	Q	1546	1000
Non-Hispanic Descent.....	96.3	94.2	1728	1519	1801	1953	969	1888	1820
Race of Householder³									
White.....	79.1	77.2	1780	1563	1852	1986	1104	1951	1837
Hispanic.....	5.0	4.4	1258	1129	1294	1384	Q	Q	Q
Non-Hispanic.....	74.1	72.7	1812	1597	1884	2008	1106	1955	1860
Black.....	13.4	13.3	1433	1330	1502	1569	Q	1477	Q
Hispanic.....	0.3	0.3	1122	Q	Q	Q	N	Q	N
Non-Hispanic.....	13.1	12.9	1441	1330	1510	1637	Q	1522	Q
Asian.....	3.3	2.9	1496	1115	1729	Q	N	N	Q
Multi-Racial.....	1.3	1.2	1514	1113	1627	Q	N	Q	Q
Other.....	7.1	6.6	1384	1370	1384	1461	Q	1507	Q
Undetermined (Race Reported as Hispanic).....	6.9	6.2	1271	1031	1412	1577	N	Q	Q
Age of Householder									
Under 25 Years.....	5.5	5.1	966	909	1004	Q	Q	Q	Q
25 to 34 Years.....	18.2	17.5	1467	1274	1563	1589	Q	1713	1604
35 to 44 Years.....	22.2	21.4	1762	1603	1891	1712	Q	1787	1444
45 to 54 Years.....	23.3	22.7	1912	1763	1938	2104	Q	2225	1952
55 to 64 Years.....	18.0	17.4	1815	1574	1881	2230	Q	1864	1805
65 to 74 Years.....	12.3	12.0	1673	1322	1769	2023	Q	1836	1957
75 Years or More.....	11.7	11.4	1439	1274	1437	1763	Q	1584	Q
Adults Age 65 or Older in Household									
Yes.....	26.9	26.2	1582	1318	1620	2013	Q	1729	1690
No.....	84.2	81.3	1701	1498	1792	1820	951	1919	1745
Children Under Age 5 in Household									
Yes.....	15.0	14.3	1739	1501	1834	2076	Q	1824	2119
No.....	96.1	93.1	1662	1454	1736	1861	968	1868	1687
Children Age 5 to 16 in Household									
Yes.....	28.1	27.0	1900	1807	1961	2065	Q	1937	1318
No.....	83.0	80.5	1596	1347	1674	1829	932	1842	1847

Table SH11. Average Heated Floorspace by Main Space Heating Fuel Used, 2005
Heated Square Footage per Household

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Main Space Heating Fuel Used (heated square footage per household using the fuel as a main heating source)						
			Any Fuel	Electricity	Natural Gas	Fuel Oil	Kerosene ⁴	LPG	Other
Age of Main Heating Equipment Used by One Housing Unit									
Less than 2 Years.....	11.7	11.4	1959	1663	2179	2131	Q	1936	Q
2 to 4 Years.....	13.8	13.7	1828	1557	1969	2237	Q	1861	2186
5 to 9 Years.....	20.6	20.2	1854	1659	1976	2139	Q	1861	1801
10 to 19 Years.....	24.8	24.4	1792	1552	1862	2170	Q	2053	1701
20 Years or More.....	21.5	20.9	1582	1264	1594	2075	Q	1361	2067
Don't Know.....	8.6	8.2	1217	994	1350	1310	N	Q	Q
Used by Two or More Housing Units									
Less than 2 Years.....	0.3	0.3	931	Q	Q	Q	N	N	Q
2 to 4 Years.....	0.4	0.4	931	Q	Q	Q	N	N	Q
5 to 9 Years.....	0.6	0.6	1243	Q	Q	Q	N	N	N
10 to 19 Years.....	1.1	1.1	1183	Q	1222	Q	Q	Q	Q
20 Years or More.....	2.7	2.6	923	1046	954	737	N	Q	Q
Don't Know.....	3.7	3.6	817	752	840	818	N	Q	Q
Heated Floorspace (Square Feet)									
Fewer than 500.....	9.7	6.1	359	379	344	329	Q	Q	Q
500 to 999.....	27.7	27.7	766	759	769	761	802	788	763
1,000 to 1,499.....	26.0	26.0	1234	1225	1233	1249	Q	1268	1224
1,500 to 1,999.....	17.6	17.6	1739	1725	1741	1742	Q	1747	1785
2,000 to 2,499.....	10.7	10.7	2227	2210	2234	2201	Q	2233	2273
2,500 to 2,999.....	7.7	7.7	2718	2709	2718	2744	Q	Q	Q
3,000 to 3,499.....	3.8	3.8	3232	3239	3239	3239	Q	Q	Q
3,500 to 3,999.....	2.6	2.6	3741	3753	3749	3725	N	3720	Q
4,000 or More.....	5.2	5.2	5169	5092	5213	5440	N	4986	Q
Weekday Home Activities									
Home Used for Business									
Yes.....	8.9	8.7	2243	1812	2353	2385	Q	2953	1933
No.....	102.2	98.7	1622	1433	1699	1835	962	1683	1702
Energy-Intensive Activity									
Yes.....	2.2	2.2	1894	1611	2013	Q	N	Q	Q
No.....	108.9	105.2	1668	1458	1743	1883	966	1857	1732
Someone Home All Day									
Yes.....	56.4	54.6	1694	1500	1756	1924	1019	1825	1703
No.....	54.7	52.9	1650	1425	1743	1827	906	1910	1779

Table SH11. Average Heated Floorspace by Main Space Heating Fuel Used, 2005
Heated Square Footage per Household

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Main Space Heating Fuel Used (heated square footage per household using the fuel as a main heating source)						
			Any Fuel	Electricity	Natural Gas	Fuel Oil	Kerosene ⁴	LPG	Other
Adequacy of Insulation									
Well Insulated.....	42.8	42.1	1869	1614	1901	2160	Q	2300	2403
Adequately Insulated.....	46.3	44.8	1661	1452	1787	1790	1040	1610	1458
Poorly Insulated.....	19.0	18.2	1324	1146	1440	1439	887	1175	1124
No Insulation.....	1.4	0.9	910	Q	922	Q	N	N	Q
Don't Know.....	1.7	1.5	1187	1199	1113	Q	N	Q	Q
Home is Too Drafty During the Winter									
Never.....	62.9	60.8	1755	1522	1814	2045	1223	2128	2097
Some of the Time.....	32.4	31.5	1647	1447	1739	1728	Q	1651	1541
Most of the Time.....	6.1	5.9	1459	1140	1680	1521	Q	1062	Q
All of the Time.....	5.6	5.5	1292	1106	1392	1666	Q	1010	Q
Don't Know.....	4.1	3.8	1444	1295	1573	Q	N	Q	Q
Unusually High Ceilings									
Yes.....	27.2	26.6	2260	2136	2276	2264	Q	2807	2170
No.....	76.9	74.3	1521	1280	1585	1823	898	1740	1681
Not Asked (Mobile Homes).....	6.9	6.5	1001	1022	933	785	873	1110	1045
Cathedral Ceilings (In Housing Units with High Ceilings)									
Yes.....	17.1	16.7	2387	2204	2416	2327	Q	3192	2312
No.....	10.1	10.0	2047	1996	2069	2173	N	1957	Q
Type of Glass in Windows									
Single-pane Glass.....	50.7	48.1	1364	1204	1470	1657	862	1237	1242
Double-pane Glass									
Without Low-e Coating.....	50.6	49.9	1846	1684	1876	1928	Q	2122	2039
With Low-e Coating.....	8.0	7.9	2320	2153	2350	2418	Q	2523	Q
Triple-pane Glass									
Without Low-e Coating.....	1.0	0.9	2614	Q	2678	Q	N	Q	Q
With Low-e Coating.....	0.3	0.3	2689	Q	Q	Q	N	Q	Q
Proportion of Original Windows Replaced									
All.....	22.4	22.2	1722	1609	1728	1879	Q	1706	1838
Some.....	21.6	20.9	1764	1477	1831	2002	Q	1840	1600
None.....	62.3	59.9	1669	1483	1767	1812	941	1933	1776
Don't Know.....	4.7	4.5	1044	903	1179	Q	Q	Q	Q

Table SH11. Average Heated Floorspace by Main Space Heating Fuel Used, 2005
Heated Square Footage per Household

	U.S. Households (millions)	Total U.S. Using Any Space Heating Fuel (millions)	Main Space Heating Fuel Used (heated square footage per household using the fuel as a main heating source)						
			Any Fuel	Electricity	Natural Gas	Fuel Oil	Kerosene ⁴	LPG	Other
Thermostats									
Do Not Have a Thermostat	15.3	13.4	1059	775	996	934	802	1242	1642
Have a Thermostat	95.8	94.1	1760	1550	1824	2007	1078	1982	1930
1.....	84.5	82.8	1678	1515	1732	1868	1052	1878	1684
2 or More.....	11.3	11.2	2363	1831	2583	2574	Q	2709	2495
Have a Programmable Thermostat									
Yes.....	33.1	32.6	2086	1945	2107	2262	Q	2315	Q
No.....	62.7	61.4	1586	1401	1630	1909	792	1853	1797
Use of Programmable Thermostats									
Reduces Temperature During Day									
Yes.....	18.6	18.4	2162	1959	2229	2268	Q	2006	Q
No.....	14.5	14.2	1987	1932	1927	2252	Q	2597	Q
Reduces Temperature at Night									
Yes.....	21.5	21.2	2156	2014	2214	2176	Q	1995	Q
No.....	11.6	11.4	1956	1852	1876	2429	Q	2743	Q

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.

4 Kerosene consumption and expenditure estimates could only be calculated for space heating since too few cases in the sample had viable data for water heating and appliances. Therefore, total estimates for kerosene equal space heating estimates for kerosene.

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 SH12. Consumption Intensity by Main Space Heating Fuel Used, 2005
Space Heating Intensity

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used [PU/{HDD*(HSF/1000)}]				
			Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Total	111.1	104.0	0.517	6.283	0.060	0.027	0.063
Census Region and Division							
Northeast.....	20.6	19.8	0.435	7.311	0.060	Q	0.075
New England.....	5.5	5.2	0.557	7.311	0.055	Q	Q
Middle Atlantic.....	15.1	14.6	0.425	7.318	0.064	Q	0.076
Midwest.....	25.6	24.2	0.372	5.472	0.039	Q	0.043
East North Central.....	17.7	16.7	0.366	5.705	0.040	Q	0.043
West North Central.....	7.9	7.5	0.377	4.862	Q	N	0.043
South.....	40.7	38.8	0.569	6.706	0.086	Q	0.093
South Atlantic.....	21.7	20.5	0.528	6.275	0.083	Q	0.069
East South Central.....	6.9	6.6	0.567	7.116	Q	Q	0.125
West South Central.....	12.1	11.7	0.708	6.821	N	N	0.107
West.....	24.2	21.2	0.576	6.147	0.085	Q	0.057
Mountain.....	7.6	6.9	0.482	4.925	Q	N	0.059
Pacific.....	16.6	14.2	0.624	7.154	Q	Q	Q
Four Most Populated States							
New York.....	7.1	6.7	0.432	8.080	0.068	Q	Q
Florida.....	7.0	6.3	0.862	10.381	N	Q	Q
Texas.....	8.0	7.7	0.712	6.075	N	N	Q
California.....	12.1	10.5	0.717	7.423	Q	N	Q
All Other States.....	76.9	72.8	0.471	5.941	0.057	0.026	0.062
Urban/Rural Location (as Self-Reported)							
City.....	47.1	44.1	0.583	7.485	0.077	Q	Q
Town.....	19.0	18.3	0.540	6.432	0.063	Q	Q
Suburbs.....	22.7	22.0	0.411	5.108	0.054	Q	Q
Rural.....	22.3	19.6	0.484	4.884	0.050	Q	0.062
Climate Zone¹							
Less than 2,000 CDD and--							
Greater than 7,000 HDD.....	10.9	10.1	0.305	4.421	0.046	Q	0.046
5,500 to 7,000 HDD.....	26.1	24.9	0.452	6.146	0.058	Q	0.052
4,000 to 5,499 HDD.....	27.3	26.1	0.418	6.624	0.070	Q	0.053
Fewer than 4,000 HDD.....	24.0	21.8	0.609	7.462	Q	Q	0.101
2000 CDD or More and--							
Less than 4,000 HDD.....	22.8	21.0	0.732	6.837	N	Q	0.141

Table SH12. Consumption Intensity by Main Space Heating Fuel Used, 2005
Space Heating Intensity

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used [PU/{HDD*(HSF/1000)}]					
			Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG	
Type of Housing Unit								
Single-Family Detached.....	72.1	68.2	0.450	5.715	0.052	Q	0.057	
Single-Family Attached.....	7.6	7.3	0.473	6.697	0.050	Q	Q	
Apartments in 2-4 Unit Buildings.....	7.8	7.2	0.824	12.445	0.108	N	Q	
Apartments in 5 or More Unit Buildings.....	16.7	15.0	0.709	8.551	0.142	Q	Q	
Mobile Homes.....	6.9	6.3	0.846	8.777	0.114	0.040	0.106	
Ownership of Housing Unit								
Owned	78.1	73.8	0.473	5.611	0.053	0.026	0.061	
Single-Family Detached.....	64.1	60.6	0.442	5.509	0.052	Q	0.055	
Single-Family Attached.....	4.2	4.1	0.376	5.099	0.052	Q	Q	
Apartments in 2-4 Unit Buildings.....	1.8	1.8	Q	9.165	0.075	N	N	
Apartments in 5 or More Unit Buildings.....	2.3	2.1	0.599	6.076	Q	N	Q	
Mobile Homes.....	5.7	5.2	0.821	8.421	Q	Q	0.107	
Rented	33.0	30.1	0.676	9.750	0.094	Q	0.093	
Single-Family Detached.....	8.0	7.6	0.529	8.126	0.057	Q	0.094	
Single-Family Attached.....	3.4	3.2	0.582	10.755	Q	N	N	
Apartments in 2-4 Unit Buildings.....	5.9	5.4	0.835	14.580	0.142	N	Q	
Apartments in 5 or More Unit Buildings.....	14.4	12.9	0.731	9.104	0.133	Q	Q	
Mobile Homes.....	1.2	1.0	1.066	10.755	Q	Q	Q	
Year of Construction								
Before 1940.....	14.7	13.7	0.644	8.533	0.072	Q	0.065	
1940 to 1949.....	7.4	6.9	0.531	7.504	0.060	N	0.129	
1950 to 1959.....	12.5	11.9	0.585	7.274	0.070	Q	0.067	
1960 to 1969.....	12.5	11.3	0.585	7.149	0.050	Q	0.106	
1970 to 1979.....	18.9	17.2	0.615	6.787	0.053	Q	0.078	
1980 to 1989.....	18.6	17.6	0.508	5.435	0.057	Q	0.055	
1990 to 1999.....	17.3	16.5	0.464	4.152	0.035	Q	0.053	
2000 to 2005.....	9.2	8.8	0.415	3.623	0.028	N	0.049	

Table SH12. Consumption Intensity by Main Space Heating Fuel Used, 2005
Space Heating Intensity

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used [PU/{HDD*(HSF/1000)}]					
			Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG	
Household Size								
1 Person.....	30.0	28.5	0.625	7.854	0.078	0.026	Q	0.066
2 Persons.....	34.8	32.6	0.530	6.086	0.060	Q	Q	0.065
3 Persons.....	18.4	17.2	0.466	5.980	0.061	Q	Q	0.061
4 Persons.....	15.9	14.7	0.449	5.681	0.049	Q	Q	0.059
5 Persons.....	7.9	7.3	0.447	5.600	0.040	Q	Q	0.051
6 or More Persons.....	4.1	3.6	0.567	5.661	Q	N	Q	Q
2005 Household Income Category								
Less than \$10,000.....	9.9	9.0	0.761	9.959	0.084	Q	Q	0.131
\$10,000 to \$14,999.....	8.5	7.9	0.746	10.036	0.065	Q	Q	0.080
\$15,000 to \$19,999.....	8.4	7.7	0.746	8.566	0.087	Q	Q	0.072
\$20,000 to \$29,999.....	15.1	14.0	0.568	8.332	0.075	Q	Q	0.074
\$30,000 to \$39,999.....	13.6	12.5	0.547	6.514	0.066	Q	Q	0.080
\$40,000 to \$49,999.....	11.0	10.4	0.509	6.367	0.063	Q	Q	0.055
\$50,000 to \$74,999.....	19.8	18.8	0.466	5.701	0.048	Q	Q	0.060
\$75,000 to \$99,999.....	10.6	10.0	0.442	4.574	0.047	N	Q	0.048
\$100,000 or More.....	14.2	13.6	0.350	4.803	0.053	N	Q	0.039
Income Relative to Poverty Line								
Below 100 Percent.....	16.6	14.9	0.738	10.338	0.072	Q	Q	0.123
100 to 150 Percent.....	12.9	11.8	0.669	8.347	0.073	Q	Q	0.070
Above 150 Percent.....	81.5	77.2	0.472	5.694	0.057	Q	Q	0.056
Eligible for Federal Assistance²								
Yes.....	38.6	35.2	0.660	8.561	0.070	0.030	Q	0.079
No.....	72.5	68.8	0.465	5.607	0.055	Q	Q	0.058
Payment Method for Utilities								
All Paid by Household.....	97.5	91.7	0.504	5.988	0.053	0.028	Q	0.063
Some Paid, Some in Rent.....	7.6	6.8	0.560	11.075	0.114	Q	Q	Q
All Included in Rent.....	4.7	4.3	0.893	10.403	0.149	Q	Q	Q
Other Method.....	1.3	1.2	1.055	9.310	Q	N	Q	Q

Table SH12. Consumption Intensity by Main Space Heating Fuel Used, 2005
Space Heating Intensity

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used [PU/{HDD*(HSF/1000)}]					
			Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG	
Ethnic Origin of Householder								
Hispanic Descent.....	14.8	12.9	0.655	8.028	0.086	Q	0.081	
Non-Hispanic Descent.....	96.3	91.1	0.500	6.099	0.057	0.027	0.062	
Race of Householder³								
White.....	79.1	74.4	0.479	5.788	0.056	0.023	0.059	
Hispanic.....	5.0	4.4	0.653	7.415	0.078	Q	Q	
Non-Hispanic.....	74.1	70.0	0.469	5.712	0.055	0.023	0.059	
Black.....	13.4	13.1	0.620	8.871	0.078	Q	0.089	
Hispanic.....	0.3	0.3	Q	Q	Q	N	Q	
Non-Hispanic.....	13.1	12.7	0.620	8.855	0.079	Q	Q	
Asian.....	3.3	2.9	0.668	5.581	Q	N	N	
Multi-Racial.....	1.3	1.2	0.715	6.037	Q	N	Q	
Other.....	7.1	6.4	0.515	7.436	0.081	Q	0.089	
Undetermined (Race Reported as Hispanic).....	6.9	6.0	0.689	8.371	0.077	N	Q	
Age of Householder								
Under 25 Years.....	5.5	5.0	0.696	8.795	Q	Q	Q	
25 to 34 Years.....	18.2	17.0	0.548	6.466	0.060	Q	0.057	
35 to 44 Years.....	22.2	20.7	0.485	5.807	0.059	Q	0.061	
45 to 54 Years.....	23.3	22.0	0.454	5.710	0.055	Q	0.047	
55 to 64 Years.....	18.0	16.6	0.466	5.797	0.053	Q	0.067	
65 to 74 Years.....	12.3	11.5	0.605	6.906	0.055	Q	0.075	
75 Years or More.....	11.7	11.3	0.650	8.279	0.070	Q	0.084	
Adults Age 65 or Older in Household								
Yes.....	26.9	25.3	0.620	7.509	0.059	Q	0.079	
No.....	84.2	78.7	0.495	5.922	0.061	0.034	0.058	
Children Under Age 5 in Household								
Yes.....	15.0	14.0	0.506	5.768	0.047	Q	0.058	
No.....	96.1	90.0	0.519	6.371	0.061	0.027	0.063	
Children Age 5 to 16 in Household								
Yes.....	28.1	26.2	0.459	5.802	0.053	Q	0.058	
No.....	83.0	77.8	0.544	6.485	0.062	0.022	0.065	

Table SH12. Consumption Intensity by Main Space Heating Fuel Used, 2005
Space Heating Intensity

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used [PU/{HDD*(HSF/1000)}]				
			Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Age of Main Heating Equipment Used by One Housing Unit							
Less than 2 Years.....	11.7	11.3	0.460	4.574	0.046	Q	0.064
2 to 4 Years.....	13.8	13.3	0.517	5.259	0.053	Q	0.071
5 to 9 Years.....	20.6	19.7	0.491	5.038	0.046	Q	0.066
10 to 19 Years.....	24.8	23.5	0.489	5.956	0.052	Q	0.053
20 Years or More.....	21.5	19.9	0.615	8.015	0.057	Q	0.073
Don't Know.....	8.6	8.1	0.653	7.998	0.080	N	Q
Used by Two or More Housing Units							
Less than 2 Years.....	0.3	0.3	Q	Q	Q	N	N
2 to 4 Years.....	0.4	0.4	Q	Q	Q	N	N
5 to 9 Years.....	0.6	0.6	Q	10.963	Q	N	N
10 to 19 Years.....	1.1	1.0	Q	10.432	Q	Q	Q
20 Years or More.....	2.7	2.4	0.650	11.725	0.187	N	Q
Don't Know.....	3.7	3.5	0.618	12.282	0.139	N	Q
Heated Floorspace (Square Feet)							
Fewer than 500.....	9.7	6.0	1.728	29.445	0.341	Q	Q
500 to 999.....	27.7	26.8	0.836	12.182	0.135	Q	0.157
1,000 to 1,499.....	26.0	25.4	0.621	8.790	0.095	Q	0.092
1,500 to 1,999.....	17.6	16.9	0.453	6.488	0.059	Q	0.056
2,000 to 2,499.....	10.7	10.2	0.381	4.957	0.050	Q	0.051
2,500 to 2,999.....	7.7	7.5	0.370	4.351	0.044	Q	Q
3,000 to 3,499.....	3.8	3.6	0.315	4.116	0.032	Q	Q
3,500 to 3,999.....	2.6	2.5	0.266	3.646	0.040	N	0.034
4,000 or More.....	5.2	5.0	0.195	2.521	0.024	N	0.027
Weekday Home Activities							
Home Used for Business							
Yes.....	8.9	8.3	0.449	5.060	0.047	Q	0.039
No.....	102.2	95.7	0.524	6.425	0.061	0.027	0.070
Energy-Intensive Activity							
Yes.....	2.2	2.1	0.602	5.256	Q	N	Q
No.....	108.9	101.8	0.516	6.312	0.060	0.027	0.064
Someone Home All Day							
Yes.....	56.4	52.4	0.534	6.625	0.061	0.027	0.072
No.....	54.7	51.6	0.503	5.940	0.058	Q	0.054

Table SH12. Consumption Intensity by Main Space Heating Fuel Used, 2005
Space Heating Intensity

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used [PU/{HDD*(HSF/1000)}]					
			Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG	
Adequacy of Insulation								
Well Insulated.....	42.8	40.7	0.455	5.549	0.051	Q	0.050	
Adequately Insulated.....	46.3	43.5	0.536	6.211	0.063	0.012	0.073	
Poorly Insulated.....	19.0	17.4	0.664	8.150	0.084	0.045	0.108	
No Insulation.....	1.4	0.9	Q	13.389	Q	N	N	
Don't Know.....	1.7	1.5	0.566	9.421	Q	N	Q	
Home is Too Drafty During the Winter								
Never.....	62.9	58.9	0.500	5.801	0.056	0.016	0.054	
Some of the Time.....	32.4	30.4	0.527	6.562	0.064	Q	0.075	
Most of the Time.....	6.1	5.7	0.665	7.429	0.077	Q	0.106	
All of the Time.....	5.6	5.2	0.633	8.747	0.062	Q	0.099	
Don't Know.....	4.1	3.8	0.544	6.226	Q	N	Q	
Unusually High Ceilings								
Yes.....	27.2	25.9	0.396	5.040	0.047	Q	0.042	
No.....	76.9	71.8	0.558	6.920	0.063	0.022	0.067	
Not Asked (Mobile Homes).....	6.9	6.3	0.846	8.777	0.114	0.040	0.106	
Cathedral Ceilings (In Housing Units with High Ceilings)								
Yes.....	17.1	16.2	0.365	4.499	0.043	Q	0.040	
No.....	10.1	9.7	0.469	5.959	0.055	N	0.050	
Type of Glass in Windows								
Single-pane Glass.....	50.7	46.7	0.648	7.865	0.072	0.031	0.098	
Double-pane Glass								
Without Low-e Coating.....	50.6	48.0	0.436	5.691	0.057	Q	0.054	
With Low-e Coating.....	8.0	7.8	0.337	4.410	0.042	Q	0.046	
Triple-pane Glass								
Without Low-e Coating.....	1.0	0.9	Q	4.300	Q	N	Q	
With Low-e Coating.....	0.3	0.3	Q	Q	Q	N	Q	
Proportion of Original Windows Replaced								
All.....	22.4	21.4	0.446	6.472	0.060	Q	0.073	
Some.....	21.6	19.9	0.539	6.800	0.056	Q	0.063	
None.....	62.3	58.2	0.517	5.805	0.062	0.032	0.060	
Don't Know.....	4.7	4.4	0.722	9.232	Q	Q	Q	

Table SH12. Consumption Intensity by Main Space Heating Fuel Used, 2005
Space Heating Intensity

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used [PU/{HDD*(HSF/1000)}]					
			Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG	
Thermostats								
Do Not Have a Thermostat.....	15.3	11.0	0.924	11.831	0.129	0.043	0.113	
Have a Thermostat.....	95.8	93.0	0.491	5.991	0.056	0.021	0.058	
1.....	84.5	82.1	0.505	6.148	0.059	0.020	0.060	
2 or More.....	11.3	10.9	0.404	5.098	0.046	Q	0.046	
Have a Programmable Thermostat								
Yes.....	33.1	32.5	0.420	5.189	0.050	Q	0.052	
No.....	62.7	60.5	0.529	6.703	0.058	Q	0.061	
Use of Programmable Thermostats								
Reduces Temperature During Day								
Yes.....	18.6	18.3	0.421	4.921	0.049	Q	0.054	
No.....	14.5	14.2	0.421	5.644	0.052	Q	0.050	
Reduces Temperature at Night								
Yes.....	21.5	21.1	0.411	4.922	0.051	Q	0.055	
No.....	11.6	11.4	0.435	5.872	0.049	Q	0.048	

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.

4 The major fuels are electricity, natural gas, fuel oil, kerosene, and liquefied petroleum gas (LPG).

5 Kerosene consumption and expenditure estimates could only be calculated for space heating since too few cases in the sample had viable data for water heating and appliances. Therefore, total estimates for kerosene equal space heating estimates for kerosene.

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 SH13. Expenditures Intensity by Main Space Heating Fuel Used, 2005
Space Heating Intensity

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used [Cents/{HDD*(HSF/1000)}]				
			Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Total	111.1	104.0	4.60	6.99	12.27	5.07	10.53
Census Region and Division							
Northeast.....	20.6	19.8	5.15	8.81	12.33	Q	11.95
New England.....	5.5	5.2	7.46	9.33	11.14	Q	Q
Middle Atlantic.....	15.1	14.6	4.92	8.67	13.31	Q	13.46
Midwest.....	25.6	24.2	2.81	5.77	7.91	Q	6.55
East North Central.....	17.7	16.7	2.84	5.86	8.20	Q	6.62
West North Central.....	7.9	7.5	2.72	5.53	Q	N	6.46
South.....	40.7	38.8	5.00	7.95	17.94	Q	16.91
South Atlantic.....	21.7	20.5	4.66	7.56	17.41	Q	12.74
East South Central.....	6.9	6.6	4.22	8.78	Q	Q	22.79
West South Central.....	12.1	11.7	7.13	7.57	N	N	18.84
West.....	24.2	21.2	5.36	6.33	18.02	Q	9.88
Mountain.....	7.6	6.9	4.36	4.96	Q	N	9.90
Pacific.....	16.6	14.2	5.86	7.49	Q	Q	Q
Four Most Populated States							
New York.....	7.1	6.7	6.59	10.07	14.06	Q	Q
Florida.....	7.0	6.3	8.89	17.68	N	Q	Q
Texas.....	8.0	7.7	7.72	6.84	N	N	Q
California.....	12.1	10.5	8.96	8.14	Q	N	Q
All Other States.....	76.9	72.8	3.86	6.52	11.56	5.07	10.34
Urban/Rural Location (as Self-Reported)							
City.....	47.1	44.1	5.53	8.31	15.71	Q	Q
Town.....	19.0	18.3	4.70	7.17	12.75	Q	Q
Suburbs.....	22.7	22.0	3.58	5.73	11.23	Q	12.48
Rural.....	22.3	19.6	4.07	5.34	10.28	Q	10.31
Climate Zone¹							
Less than 2,000 CDD and--							
Greater than 7,000 HDD.....	10.9	10.1	2.92	4.50	9.14	Q	7.14
5,500 to 7,000 HDD.....	26.1	24.9	3.67	6.79	11.76	Q	8.03
4,000 to 5,499 HDD.....	27.3	26.1	3.44	7.59	14.52	Q	9.12
Fewer than 4,000 HDD.....	24.0	21.8	5.58	8.58	Q	Q	18.38
2000 CDD or More and--							
Less than 4,000 HDD.....	22.8	21.0	7.21	8.26	N	Q	27.20

Table SH13. Expenditures Intensity by Main Space Heating Fuel Used, 2005
Space Heating Intensity

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used [Cents/{HDD*(HSF/1000)}]					
			Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG	
Type of Housing Unit								
Single-Family Detached.....	72.1	68.2	3.90	6.39	10.65	Q	9.39	
Single-Family Attached.....	7.6	7.3	4.25	7.51	10.21	Q	Q	
Apartments in 2-4 Unit Buildings.....	7.8	7.2	7.65	14.58	22.16	N	Q	
Apartments in 5 or More Unit Buildings.....	16.7	15.0	6.93	8.49	28.83	Q	Q	
Mobile Homes.....	6.9	6.3	7.13	9.96	23.85	8.03	18.76	
Ownership of Housing Unit								
Owned	78.1	73.8	4.11	6.30	10.99	4.94	10.01	
Single-Family Detached.....	64.1	60.6	3.82	6.16	10.60	Q	8.89	
Single-Family Attached.....	4.2	4.1	3.51	5.68	10.75	Q	Q	
Apartments in 2-4 Unit Buildings.....	1.8	1.8	Q	11.36	15.44	N	N	
Apartments in 5 or More Unit Buildings.....	2.3	2.1	6.08	6.12	Q	N	Q	
Mobile Homes.....	5.7	5.2	6.88	9.64	Q	Q	19.04	
Rented	33.0	30.1	6.32	10.59	19.00	Q	16.78	
Single-Family Detached.....	8.0	7.6	4.69	9.11	11.18	Q	17.68	
Single-Family Attached.....	3.4	3.2	5.09	12.15	Q	N	N	
Apartments in 2-4 Unit Buildings.....	5.9	5.4	7.83	16.55	28.95	N	Q	
Apartments in 5 or More Unit Buildings.....	14.4	12.9	7.13	9.02	27.02	Q	Q	
Mobile Homes.....	1.2	1.0	9.18	11.73	Q	Q	Q	
Year of Construction								
Before 1940.....	14.7	13.7	6.12	9.61	14.67	Q	10.66	
1940 to 1949.....	7.4	6.9	5.27	8.14	12.33	N	20.00	
1950 to 1959.....	12.5	11.9	5.47	8.22	14.37	Q	11.94	
1960 to 1969.....	12.5	11.3	5.25	8.04	10.28	Q	17.60	
1970 to 1979.....	18.9	17.2	5.35	7.51	11.04	Q	13.47	
1980 to 1989.....	18.6	17.6	4.46	5.94	11.60	Q	9.67	
1990 to 1999.....	17.3	16.5	4.07	4.53	6.92	Q	8.90	
2000 to 2005.....	9.2	8.8	3.73	4.10	5.45	N	7.54	

Table SH13. Expenditures Intensity by Main Space Heating Fuel Used, 2005
Space Heating Intensity

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used [Cents/{HDD*(HSF/1000)}]					
			Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG	
Household Size								
1 Person.....	30.0	28.5	5.76	8.61	15.88	5.14	11.09	
2 Persons.....	34.8	32.6	4.54	6.89	12.33	Q	10.65	
3 Persons.....	18.4	17.2	3.99	6.72	12.70	Q	9.96	
4 Persons.....	15.9	14.7	4.14	6.21	10.01	Q	10.42	
5 Persons.....	7.9	7.3	4.07	6.25	8.02	Q	8.55	
6 or More Persons.....	4.1	3.6	5.34	6.21	Q	N	Q	
2005 Household Income Category								
Less than \$10,000.....	9.9	9.0	6.94	10.91	17.11	Q	23.16	
\$10,000 to \$14,999.....	8.5	7.9	6.89	10.50	13.29	Q	14.03	
\$15,000 to \$19,999.....	8.4	7.7	6.41	9.35	17.36	Q	13.18	
\$20,000 to \$29,999.....	15.1	14.0	5.01	9.18	15.35	Q	13.90	
\$30,000 to \$39,999.....	13.6	12.5	4.76	7.50	13.76	Q	13.26	
\$40,000 to \$49,999.....	11.0	10.4	4.50	7.15	12.65	Q	8.65	
\$50,000 to \$74,999.....	19.8	18.8	4.19	6.36	9.84	Q	9.34	
\$75,000 to \$99,999.....	10.6	10.0	3.83	5.35	9.56	N	8.06	
\$100,000 or More.....	14.2	13.6	3.20	5.27	11.01	N	6.13	
Income Relative to Poverty Line								
Below 100 Percent.....	16.6	14.9	6.63	11.19	14.65	Q	21.75	
100 to 150 Percent.....	12.9	11.8	6.14	9.18	14.88	Q	13.29	
Above 150 Percent.....	81.5	77.2	4.17	6.38	11.62	Q	9.11	
Eligible for Federal Assistance²								
Yes.....	38.6	35.2	5.99	9.37	14.29	5.75	14.26	
No.....	72.5	68.8	4.10	6.29	11.33	Q	9.32	
Payment Method for Utilities								
All Paid by Household.....	97.5	91.7	4.44	6.78	10.93	5.25	10.56	
Some Paid, Some in Rent.....	7.6	6.8	5.58	11.09	23.25	Q	Q	
All Included in Rent.....	4.7	4.3	8.80	9.30	30.28	Q	Q	
Other Method.....	1.3	1.2	8.95	9.87	Q	N	Q	

Table SH13. Expenditures Intensity by Main Space Heating Fuel Used, 2005
Space Heating Intensity

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used [Cents/{HDD*(HSF/1000)}]					
			Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG	
Ethnic Origin of Householder								
Hispanic Descent.....	14.8	12.9	6.46	9.02	17.48	Q	13.45	
Non-Hispanic Descent.....	96.3	91.1	4.39	6.78	11.77	5.11	10.35	
Race of Householder³								
White.....	79.1	74.4	4.16	6.48	11.40	4.40	9.72	
Hispanic.....	5.0	4.4	6.12	8.40	16.23	Q	Q	
Non-Hispanic.....	74.1	70.0	4.06	6.39	11.28	4.41	9.73	
Black.....	13.4	13.1	5.54	9.78	15.96	Q	16.70	
Hispanic.....	0.3	0.3	Q	Q	Q	N	Q	
Non-Hispanic.....	13.1	12.7	5.53	9.72	16.16	Q	Q	
Asian.....	3.3	2.9	6.94	6.12	Q	N	N	
Multi-Racial.....	1.3	1.2	5.97	7.01	Q	N	Q	
Other.....	7.1	6.4	5.01	7.95	16.56	Q	15.92	
Undetermined (Race Reported as Hispanic).....	6.9	6.0	7.06	9.21	15.68	N	Q	
Age of Householder								
Under 25 Years.....	5.5	5.0	6.52	9.74	Q	Q	Q	
25 to 34 Years.....	18.2	17.0	4.95	7.19	12.04	Q	9.28	
35 to 44 Years.....	22.2	20.7	4.44	6.43	12.09	Q	10.33	
45 to 54 Years.....	23.3	22.0	3.88	6.34	11.29	Q	7.50	
55 to 64 Years.....	18.0	16.6	4.09	6.68	10.99	Q	10.89	
65 to 74 Years.....	12.3	11.5	5.17	7.60	11.43	Q	12.97	
75 Years or More.....	11.7	11.3	6.01	9.07	14.32	Q	14.74	
Adults Age 65 or Older in Household								
Yes.....	26.9	25.3	5.51	8.28	12.06	Q	13.77	
No.....	84.2	78.7	4.41	6.61	12.37	6.42	9.43	
Children Under Age 5 in Household								
Yes.....	15.0	14.0	4.69	6.54	9.63	Q	9.89	
No.....	96.1	90.0	4.59	7.07	12.58	5.10	10.57	
Children Age 5 to 16 in Household								
Yes.....	28.1	26.2	4.07	6.41	10.83	Q	9.95	
No.....	83.0	77.8	4.85	7.24	12.72	4.10	10.71	

Table SH13. Expenditures Intensity by Main Space Heating Fuel Used, 2005
Space Heating Intensity

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used [Cents/{HDD*(HSF/1000)}]				
			Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG
Age of Main Heating Equipment Used by One Housing Unit							
Less than 2 Years.....	11.7	11.3	3.99	5.12	9.56	Q	10.59
2 to 4 Years.....	13.8	13.3	4.65	5.98	10.87	Q	10.96
5 to 9 Years.....	20.6	19.7	4.24	5.66	9.68	Q	11.20
10 to 19 Years.....	24.8	23.5	4.30	6.79	10.75	Q	8.99
20 Years or More.....	21.5	19.9	5.44	8.92	11.58	Q	12.71
Don't Know.....	8.6	8.1	6.02	8.80	15.84	N	Q
Used by Two or More Housing Units							
Less than 2 Years.....	0.3	0.3	Q	Q	Q	N	N
2 to 4 Years.....	0.4	0.4	Q	Q	Q	N	N
5 to 9 Years.....	0.6	0.6	Q	9.63	Q	N	N
10 to 19 Years.....	1.1	1.0	Q	11.21	Q	Q	Q
20 Years or More.....	2.7	2.4	6.54	11.15	37.96	N	Q
Don't Know.....	3.7	3.5	7.14	12.95	28.19	N	Q
Heated Floorspace (Square Feet)							
Fewer than 500.....	9.7	6.0	16.15	33.09	66.91	Q	Q
500 to 999.....	27.7	26.8	7.94	13.21	27.63	Q	25.96
1,000 to 1,499.....	26.0	25.4	5.41	9.86	19.65	Q	16.25
1,500 to 1,999.....	17.6	16.9	3.88	7.32	12.10	Q	9.30
2,000 to 2,499.....	10.7	10.2	3.42	5.58	9.98	Q	8.55
2,500 to 2,999.....	7.7	7.5	3.18	4.82	8.95	Q	Q
3,000 to 3,499.....	3.8	3.6	2.41	4.66	6.76	Q	Q
3,500 to 3,999.....	2.6	2.5	2.35	3.97	8.31	N	5.09
4,000 or More.....	5.2	5.0	1.62	2.80	5.02	N	4.37
Weekday Home Activities							
Home Used for Business							
Yes.....	8.9	8.3	3.98	5.59	10.16	Q	6.43
No.....	102.2	95.7	4.67	7.16	12.52	5.07	11.72
Energy-Intensive Activity							
Yes.....	2.2	2.1	5.25	5.97	Q	N	Q
No.....	108.9	101.8	4.59	7.02	12.25	5.07	10.63
Someone Home All Day							
Yes.....	56.4	52.4	4.73	7.37	12.50	4.93	12.14
No.....	54.7	51.6	4.50	6.62	11.99	Q	8.97

Table SH13. Expenditures Intensity by Main Space Heating Fuel Used, 2005
Space Heating Intensity

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used [Cents/{HDD*(HSF/1000)}]					
			Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG	
Adequacy of Insulation								
Well Insulated.....	42.8	40.7	4.05	6.11	10.36	Q	8.00	
Adequately Insulated.....	46.3	43.5	4.67	6.94	12.85	2.49	12.61	
Poorly Insulated.....	19.0	17.4	6.16	9.13	17.15	8.29	18.82	
No Insulation.....	1.4	0.9	Q	13.97	Q	N	N	
Don't Know.....	1.7	1.5	5.20	11.58	Q	N	Q	
Home is Too Drafty During the Winter								
Never.....	62.9	58.9	4.47	6.40	11.43	3.04	9.10	
Some of the Time.....	32.4	30.4	4.67	7.39	13.06	Q	12.12	
Most of the Time.....	6.1	5.7	6.01	8.47	15.40	Q	18.26	
All of the Time.....	5.6	5.2	5.15	9.53	12.73	Q	16.97	
Don't Know.....	4.1	3.8	5.08	7.05	Q	N	Q	
Unusually High Ceilings								
Yes.....	27.2	25.9	3.61	5.59	9.50	Q	6.80	
No.....	76.9	71.8	4.95	7.71	12.93	3.93	11.24	
Not Asked (Mobile Homes).....	6.9	6.3	7.13	9.96	23.85	8.03	18.76	
Cathedral Ceilings (In Housing Units with High Ceilings)								
Yes.....	17.1	16.2	3.40	4.95	8.52	Q	6.36	
No.....	10.1	9.7	4.11	6.68	11.15	N	8.22	
Type of Glass in Windows								
Single-pane Glass.....	50.7	46.7	5.99	8.84	14.84	6.01	17.17	
Double-pane Glass								
Without Low-e Coating.....	50.6	48.0	3.81	6.29	11.51	Q	9.15	
With Low-e Coating.....	8.0	7.8	2.83	4.90	8.61	Q	6.66	
Triple-pane Glass								
Without Low-e Coating.....	1.0	0.9	Q	4.69	Q	N	Q	
With Low-e Coating.....	0.3	0.3	Q	Q	Q	N	Q	
Proportion of Original Windows Replaced								
All.....	22.4	21.4	3.98	7.29	12.26	Q	11.93	
Some.....	21.6	19.9	4.74	7.57	11.40	Q	10.71	
None.....	62.3	58.2	4.59	6.43	12.85	6.02	10.02	
Don't Know.....	4.7	4.4	6.76	10.12	Q	Q	Q	

Table SH13. Expenditures Intensity by Main Space Heating Fuel Used, 2005
Space Heating Intensity

	U.S. Households (millions)	Total U.S. Using a Major Space Heating Fuel ⁴ as Main (millions)	Main Space Heating Fuel Used [Cents/{HDD*(HSF/1000)}]					
			Electricity	Natural Gas	Fuel Oil	Kerosene ⁵	LPG	
Thermostats								
Do Not Have a Thermostat.....	15.3	11.0	8.89	12.70	26.25	8.31	20.68	
Have a Thermostat.....	95.8	93.0	4.32	6.69	11.42	3.85	9.50	
1.....	84.5	82.1	4.48	6.83	12.08	3.71	9.94	
2 or More.....	11.3	10.9	3.41	5.90	9.44	Q	7.28	
Have a Programmable Thermostat								
Yes.....	33.1	32.5	3.81	5.76	10.21	Q	8.51	
No.....	62.7	60.5	4.62	7.51	11.97	Q	9.97	
Use of Programmable Thermostats								
Reduces Temperature During Day								
Yes.....	18.6	18.3	4.00	5.43	10.17	Q	8.62	
No.....	14.5	14.2	3.65	6.33	10.28	Q	8.47	
Reduces Temperature at Night								
Yes.....	21.5	21.1	3.83	5.47	10.53	Q	8.85	
No.....	11.6	11.4	3.80	6.52	9.66	Q	8.23	

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.

4 The major fuels are electricity, natural gas, fuel oil, kerosene, and liquefied petroleum gas (LPG).

5 Kerosene consumption and expenditure estimates could only be calculated for space heating since too few cases in the sample had viable data for water heating and appliances. Therefore, total estimates for kerosene equal space heating estimates for kerosene.

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.