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 Zone[1]							
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

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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

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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 Assistance[2]							
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 Householder[3]							
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

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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

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			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

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			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.