

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

	U.S. Households (millions)	Fuels Used (physical units of consumption per household using the appliance)				
		Electricity (kWh)			Natural Gas (thousand cf)	LPG (gallons)
		Total	Refrigerators	Other Appliances and Lighting		
Total.....	111.1	7,317	1,359	5,959	9	92
Census Region and Division						
Northeast.....	20.6	6,309	1,259	5,051	9	133
New England.....	5.5	6,052	1,208	4,847	8	164
Middle Atlantic.....	15.1	6,402	1,277	5,125	10	123
Midwest.....	25.6	7,679	1,446	6,234	9	74
East North Central.....	17.7	7,560	1,440	6,120	10	69
West North Central.....	7.9	7,948	1,461	6,491	7	83
South.....	40.7	7,994	1,420	6,577	8	81
South Atlantic.....	21.7	7,858	1,418	6,442	8	93
East South Central.....	6.9	8,979	1,541	7,438	7	64
West South Central.....	12.1	7,678	1,354	6,328	8	77
West.....	24.2	6,650	1,251	5,399	10	86
Mountain.....	7.6	7,174	1,314	5,860	8	81
Pacific.....	16.6	6,412	1,222	5,190	11	95
Four Most Populated States						
New York.....	7.1	5,429	1,176	4,253	8	125
Florida.....	7.0	7,176	1,282	5,894	12	Q
Texas.....	8.0	7,687	1,387	6,305	9	85
California.....	12.1	5,670	1,082	4,588	11	79
All Other States.....	76.9	7,725	1,424	6,302	9	82
Urban/Rural Location (as Self-Reported)						
City.....	47.1	6,119	1,174	4,946	9	85
Town.....	19.0	7,302	1,387	5,915	9	107
Suburbs.....	22.7	8,311	1,498	6,815	11	122
Rural.....	22.3	8,845	1,587	7,264	9	87
Climate Zone¹						
Less than 2,000 CDD and--						
Greater than 7,000 HDD.....	10.9	7,603	1,445	6,158	8	95
5,500 to 7,000 HDD.....	26.1	7,013	1,340	5,674	9	113
4,000 to 5,499 HDD.....	27.3	7,482	1,407	6,076	8	78
Fewer than 4,000 HDD.....	24.0	7,066	1,289	5,779	10	62
2000 CDD or More and--						
Less than 4,000 HDD.....	22.8	7,592	1,356	6,238	9	115

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

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		Total	Refrigerators	Other Appliances and Lighting		
Total Floorspace (Square Feet)						
Fewer than 500.....	3.2	3,351	933	2,418	6	Q
500 to 999.....	23.8	4,410	975	3,435	6	67
1,000 to 1,499.....	20.8	6,316	1,171	5,145	8	74
1,500 to 1,999.....	15.4	7,746	1,448	6,305	9	65
2,000 to 2,499.....	12.2	8,148	1,416	6,734	9	138
2,500 to 2,999.....	10.3	8,649	1,529	7,121	11	100
3,000 to 3,499.....	6.7	8,747	1,585	7,169	10	79
3,500 to 3,999.....	5.2	9,522	1,699	7,823	11	91
4,000 or More.....	13.3	11,154	1,911	9,242	14	139
Household Size						
1 Person.....	30.0	4,611	1,152	3,461	6	50
2 Persons.....	34.8	7,398	1,435	5,963	9	90
3 Persons.....	18.4	8,436	1,461	6,977	10	112
4 Persons.....	15.9	9,078	1,411	7,669	10	126
5 Persons.....	7.9	9,581	1,434	8,147	12	117
6 or More Persons.....	4.1	10,270	1,430	8,840	15	Q
2005 Household Income Category						
Less than \$10,000.....	9.9	4,619	1,077	3,549	7	53
\$10,000 to \$14,999.....	8.5	5,276	1,162	4,114	6	106
\$15,000 to \$19,999.....	8.4	5,664	1,176	4,488	7	71
\$20,000 to \$29,999.....	15.1	6,162	1,206	4,958	8	68
\$30,000 to \$39,999.....	13.6	6,968	1,311	5,657	7	69
\$40,000 to \$49,999.....	11.0	7,408	1,341	6,067	9	101
\$50,000 to \$74,999.....	19.8	8,089	1,432	6,660	10	81
\$75,000 to \$99,999.....	10.6	8,896	1,496	7,400	11	120
\$100,000 or More.....	14.2	10,633	1,801	8,831	14	158
Income Relative to Poverty Line						
Below 100 Percent.....	16.6	5,455	1,112	4,347	7	84
100 to 150 Percent.....	12.9	6,187	1,194	4,995	8	82
Above 150 Percent.....	81.5	7,876	1,436	6,440	10	95
Eligible for Federal Assistance²						
Yes.....	38.6	5,909	1,169	4,742	8	78
No.....	72.5	8,065	1,460	6,606	10	99

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Payment Method for Utilities						
All Paid by Household.....	97.5	7,690	1,399	6,293	10	93
Some Paid, Some in Rent.....	7.6	4,237	1,012	3,225	7	Q
All Included in Rent.....	4.7	4,319	1,042	3,276	6	Q
Other Method.....	1.3	7,994	1,546	6,449	8	Q
Ethnic Origin of Householder						
Hispanic Descent.....	14.8	5,784	1,127	4,657	9	94
Non-Hispanic Descent.....	96.3	7,553	1,395	6,159	9	92
Race of Householder³						
White.....	79.1	7,741	1,428	6,314	9	92
Hispanic.....	5.0	5,815	1,135	4,680	8	82
Non-Hispanic.....	74.1	7,871	1,447	6,425	9	93
Black.....	13.4	6,456	1,188	5,272	9	82
Hispanic.....	0.3	5,730	1,236	4,493	Q	Q
Non-Hispanic.....	13.1	6,475	1,186	5,292	9	82
Asian.....	3.3	5,436	1,137	4,299	11	N
Multi-Racial.....	1.3	7,648	1,363	6,285	9	Q
Other.....	7.1	6,596	1,278	5,318	8	93
Undetermined (Race Reported as Hispanic).....	6.9	5,752	1,102	4,650	9	107
Age of Householder						
Under 25 Years.....	5.5	5,138	1,041	4,103	6	Q
25 to 34 Years.....	18.2	6,727	1,136	5,591	9	90
35 to 44 Years.....	22.2	8,295	1,394	6,901	11	86
45 to 54 Years.....	23.3	8,481	1,493	6,990	10	117
55 to 64 Years.....	18.0	7,467	1,415	6,055	9	91
65 to 74 Years.....	12.3	6,800	1,402	5,398	8	65
75 Years or More.....	11.7	5,383	1,390	3,994	7	90

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Adults Age 65 or Older in Household						
Yes.....	26.9	6,496	1,426	5,070	8	76
No.....	84.2	7,579	1,338	6,243	9	98
Children Under Age 5 in Household						
Yes.....	15.0	8,258	1,299	6,959	11	115
No.....	96.1	7,169	1,369	5,802	9	89
Children Age 5 to 16 in Household						
Yes.....	28.1	9,161	1,404	7,758	11	147
No.....	83.0	6,692	1,344	5,350	8	76

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

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

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

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

N = No cases in the reporting sample.

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

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

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