

**Table WH1. Total Households Using Water Heating Equipment, 2005**  
**Million U.S. Households**

	U.S. Households (millions)	Total U.S. Using Any Water Heating Fuel (millions)	Number of Water Heaters Used (million U.S. households)		Fuels Used (million U.S. households)		
			One	Two or More	Using a Major Fuel <sup>5</sup>	Using a Non-Major Fuel <sup>6</sup>	
<b>Total</b> .....	111.1	110.0	106.3	3.7	109.8	0.3	
<b>Census Region and Division</b>							
Northeast.....	20.6	19.9	19.6	0.3	19.9	Q	
New England.....	5.5	5.3	5.2	Q	5.3	Q	
Middle Atlantic.....	15.1	14.5	14.4	Q	14.5	Q	
Midwest.....	25.6	25.4	24.5	0.9	25.4	Q	
East North Central.....	17.7	17.6	17.1	0.5	17.6	Q	
West North Central.....	7.9	7.8	7.4	0.4	7.8	N	
South.....	40.7	40.5	39.0	1.5	40.5	Q	
South Atlantic.....	21.7	21.7	21.1	0.5	21.7	N	
East South Central.....	6.9	6.9	6.6	0.3	6.9	Q	
West South Central.....	12.1	12.0	11.3	0.7	12.0	N	
West.....	24.2	24.2	23.2	1.0	24.0	Q	
Mountain.....	7.6	7.5	7.1	0.4	7.5	Q	
Pacific.....	16.6	16.6	16.1	0.6	16.5	Q	
<b>Four Most Populated States</b>							
New York.....	7.1	6.7	6.5	Q	6.7	Q	
Florida.....	7.0	7.0	6.9	Q	7.0	N	
Texas.....	8.0	7.9	7.4	0.5	7.9	N	
California.....	12.1	12.1	11.7	0.4	12.1	Q	
All Other States.....	76.9	76.3	73.8	2.5	76.2	0.2	
<b>Urban/Rural Location (as Self-Reported)</b>							
City.....	47.1	46.5	45.5	1.0	46.5	Q	
Town.....	19.0	18.9	18.2	0.6	18.8	Q	
Suburbs.....	22.7	22.6	21.6	0.9	22.5	Q	
Rural.....	22.3	22.1	21.0	1.1	22.0	Q	
<b>Climate Zone<sup>1</sup></b>							
Less than 2,000 CDD and--							
Greater than 7,000 HDD.....	10.9	10.7	10.3	0.4	10.6	Q	
5,500 to 7,000 HDD.....	26.1	25.8	25.2	0.7	25.8	Q	
4,000 to 5,499 HDD.....	27.3	26.8	26.2	0.6	26.8	Q	
Fewer than 4,000 HDD.....	24.0	23.9	23.0	0.9	23.9	Q	
2000 CDD or More and--							
Less than 4,000 HDD.....	22.8	22.7	21.7	1.1	22.6	Q	

**Table WH1. Total Households Using Water Heating Equipment, 2005**  
**Million U.S. Households**

	U.S. Households (millions)	Total U.S. Using Any Water Heating Fuel (millions)	Number of Water Heaters Used (million U.S. households)		Fuels Used (million U.S. households)		
			One	Two or More	Using a Major Fuel <sup>5</sup>	Using a Non-Major Fuel <sup>6</sup>	
<b>Type of Housing Unit</b>							
Single-Family Detached.....	72.1	71.9	68.7	3.2	71.8	0.3	
Single-Family Attached.....	7.6	7.5	7.4	Q	7.5	N	
Apartments in 2-4 Unit Buildings.....	7.8	7.7	7.6	Q	7.7	N	
Apartments in 5 or More Unit Buildings.....	16.7	16.1	15.9	Q	16.1	Q	
Mobile Homes.....	6.9	6.8	6.7	Q	6.8	N	
<b>Ownership of Housing Unit</b>							
<b>Owned</b> .....	78.1	77.8	74.5	3.3	77.6	0.3	
Single-Family Detached.....	64.1	63.9	60.9	3.0	63.8	0.3	
Single-Family Attached.....	4.2	4.1	4.0	Q	4.1	N	
Apartments in 2-4 Unit Buildings.....	1.8	1.8	1.8	Q	1.8	N	
Apartments in 5 or More Unit Buildings.....	2.3	2.3	2.2	Q	2.3	N	
Mobile Homes.....	5.7	5.6	5.5	Q	5.6	N	
<b>Rented</b> .....	33.0	32.2	31.9	0.4	32.2	Q	
Single-Family Detached.....	8.0	8.0	7.9	Q	8.0	N	
Single-Family Attached.....	3.4	3.4	3.4	Q	3.4	N	
Apartments in 2-4 Unit Buildings.....	5.9	5.8	5.8	Q	5.8	N	
Apartments in 5 or More Unit Buildings.....	14.4	13.9	13.7	Q	13.8	Q	
Mobile Homes.....	1.2	1.1	1.1	N	1.1	N	
<b>Year of Construction</b>							
Before 1940.....	14.7	14.5	14.0	0.6	14.5	Q	
1940 to 1949.....	7.4	7.3	7.2	Q	7.3	Q	
1950 to 1959.....	12.5	12.4	12.2	Q	12.4	N	
1960 to 1969.....	12.5	12.3	12.0	0.3	12.2	Q	
1970 to 1979.....	18.9	18.6	18.4	0.3	18.6	Q	
1980 to 1989.....	18.6	18.5	17.7	0.7	18.4	Q	
1990 to 1999.....	17.3	17.2	16.1	1.1	17.2	Q	
2000 to 2005.....	9.2	9.2	8.8	0.4	9.1	Q	

**Table WH1. Total Households Using Water Heating Equipment, 2005**  
**Million U.S. Households**

	U.S. Households (millions)	Total U.S. Using Any Water Heating Fuel (millions)	Number of Water Heaters Used (million U.S. households)		Fuels Used (million U.S. households)		
			One	Two or More	Using a Major Fuel <sup>5</sup>	Using a Non-Major Fuel <sup>6</sup>	
<b>Household Size</b>							
1 Person.....	30.0	29.5	28.8	0.6	29.5		Q
2 Persons.....	34.8	34.5	33.4	1.1	34.4		Q
3 Persons.....	18.4	18.2	17.4	0.8	18.2		Q
4 Persons.....	15.9	15.8	15.3	0.5	15.8		Q
5 Persons.....	7.9	7.9	7.6	0.3	7.9		N
6 or More Persons.....	4.1	4.1	3.8	0.3	4.1		N
<b>2005 Household Income Category</b>							
Less than \$10,000.....	9.9	9.5	9.5	Q	9.5		N
\$10,000 to \$14,999.....	8.5	8.3	8.2	Q	8.3		N
\$15,000 to \$19,999.....	8.4	8.3	8.1	Q	8.3		N
\$20,000 to \$29,999.....	15.1	14.9	14.7	0.2	14.9		N
\$30,000 to \$39,999.....	13.6	13.5	13.3	Q	13.4		Q
\$40,000 to \$49,999.....	11.0	11.0	10.6	0.4	11.0		Q
\$50,000 to \$74,999.....	19.8	19.7	19.0	0.8	19.7		Q
\$75,000 to \$99,999.....	10.6	10.6	10.2	0.4	10.5		Q
\$100,000 or More.....	14.2	14.1	12.7	1.4	14.1		Q
<b>Income Relative to Poverty Line</b>							
Below 100 Percent.....	16.6	16.2	16.0	Q	16.2		N
100 to 150 Percent.....	12.9	12.8	12.6	Q	12.8		N
Above 150 Percent.....	81.5	81.0	77.7	3.4	80.9		0.3
<b>Eligible for Federal Assistance<sup>2</sup></b>							
Yes.....	38.6	37.8	37.3	0.5	37.8		N
No.....	72.5	72.2	69.0	3.2	72.0		0.3
<b>Payment Method for Utilities</b>							
All Paid by Household.....	97.5	97.0	93.7	3.3	96.8		0.3
Some Paid, Some in Rent.....	7.6	7.4	7.1	0.3	7.4		Q
All Included in Rent.....	4.7	4.4	4.3	Q	4.3		Q
Other Method.....	1.3	1.3	1.2	Q	1.3		N

**Table WH1. Total Households Using Water Heating Equipment, 2005**  
**Million U.S. Households**

	U.S. Households (millions)	Total U.S. Using Any Water Heating Fuel (millions)	Number of Water Heaters Used (million U.S. households)		Fuels Used (million U.S. households)		
			One	Two or More	Using a Major Fuel <sup>5</sup>	Using a Non-Major Fuel <sup>6</sup>	
<b>Ethnic Origin of Householder</b>							
Hispanic Descent.....	14.8	14.5	14.2	0.3	14.5		Q
Non-Hispanic Descent.....	96.3	95.5	92.1	3.4	95.3		0.3
<b>Race of Householder<sup>3</sup></b>							
White.....	79.1	78.4	75.3	3.2	78.4		Q
Hispanic.....	5.0	5.0	4.8	Q	5.0		N
Non-Hispanic.....	74.1	73.5	70.5	3.0	73.4		Q
Black.....	13.4	13.3	13.1	Q	13.3		N
Hispanic.....	0.3	0.3	0.3	N	0.3		N
Non-Hispanic.....	13.1	13.0	12.8	Q	13.0		N
Asian.....	3.3	3.3	3.2	Q	3.3		Q
Multi-Racial.....	1.3	1.3	1.2	Q	1.3		Q
Other.....	7.1	7.0	6.9	Q	7.0		Q
Undetermined (Race Reported as Hispanic).....	6.9	6.6	6.6	Q	6.6		N
<b>Age of Householder</b>							
Under 25 Years.....	5.5	5.2	5.1	Q	5.2		N
25 to 34 Years.....	18.2	18.0	17.7	0.3	18.0		Q
35 to 44 Years.....	22.2	22.1	21.3	0.8	22.0		Q
45 to 54 Years.....	23.3	23.2	22.3	0.9	23.2		Q
55 to 64 Years.....	18.0	17.9	17.0	0.9	17.8		Q
65 to 74 Years.....	12.3	12.1	11.7	0.4	12.1		Q
75 Years or More.....	11.7	11.5	11.3	Q	11.5		Q
<b>Adults Age 65 or Older in Household</b>							
Yes.....	26.9	26.4	25.7	0.8	26.4		Q
No.....	84.2	83.6	80.7	2.9	83.4		0.3
<b>Children Under Age 5 in Household</b>							
Yes.....	15.0	14.9	14.4	0.5	14.9		Q
No.....	96.1	95.1	91.9	3.2	94.9		0.3
<b>Children Age 5 to 16 in Household</b>							
Yes.....	28.1	28.0	26.8	1.2	28.0		Q
No.....	83.0	82.0	79.5	2.4	81.8		0.3

**Table WH1. Total Households Using Water Heating Equipment, 2005**  
**Million U.S. Households**

	U.S. Households (millions)	Total U.S. Using Any Water Heating Fuel (millions)	Number of Water Heaters Used (million U.S. households)		Fuels Used (million U.S. households)		
			One	Two or More	Using a Major Fuel <sup>5</sup>	Using a Non-Major Fuel <sup>6</sup>	
<b>Number of Water Heaters</b>							
1.....	106.3	106.3	106.3	N	106.1	0.2	
2 or More.....	3.7	3.7	N	3.7	3.7	Q	
Do Not Use Hot Water.....	1.1	N	N	N	N	N	
<b>Age of Main Water Heater</b>							
<b>Used by One Housing Unit</b>							
Less than 2 Years.....	14.7	14.7	14.0	0.7	14.6	Q	
2 to 4 Years.....	18.6	18.6	18.2	0.4	18.6	Q	
5 to 9 Years.....	25.5	25.5	24.5	1.0	25.5	Q	
10 to 19 Years.....	20.1	20.1	19.4	0.8	20.1	Q	
20 Years or More.....	6.8	6.8	6.6	Q	6.8	Q	
Don't Know.....	12.0	12.0	11.7	0.3	12.0	Q	
No Separate Water Heater.....	1.9	1.9	1.9	Q	1.9	Q	
<b>Used by Two or More Housing Units</b>							
Less than 2 Years.....	0.3	0.3	0.3	N	0.3	N	
2 to 4 Years.....	0.5	0.5	0.5	N	0.5	Q	
5 to 9 Years.....	0.5	0.5	0.4	Q	0.5	N	
10 to 19 Years.....	0.6	0.6	0.6	N	0.6	N	
20 Years or More.....	0.6	0.6	0.6	N	0.6	N	
Don't Know.....	4.4	4.4	4.3	Q	4.4	N	
No Separate Water Heater.....	3.4	3.4	3.4	Q	3.4	Q	
<b>Size of Main Water Heater</b>							
<b>Used by One Housing Unit</b>							
Small (30 gallons or less).....	17.1	17.1	16.8	0.3	17.1	N	
Medium (31 to 49 gallons).....	52.4	52.4	50.9	1.4	52.4	Q	
Large (50 gallons or more).....	27.1	27.1	25.5	1.6	27.0	Q	
Tankless water heater.....	1.1	1.1	1.1	Q	1.1	N	
No Separate Water Heater.....	1.9	1.9	1.9	Q	1.9	Q	
<b>Used by Two or More Housing Units</b>							
Small (30 gallons or less).....	1.4	1.4	1.4	Q	1.4	N	
Medium (31 to 49 gallons).....	2.4	2.4	2.4	Q	2.4	N	
Large (50 gallons or more).....	2.8	2.8	2.8	Q	2.8	N	
Tankless water heater.....	0.2	0.2	0.2	N	0.2	Q	
No Separate Water Heater.....	3.4	3.4	3.4	Q	3.4	Q	

**Table WH1. Total Households Using Water Heating Equipment, 2005**  
**Million U.S. Households**

	U.S. Households (millions)	Total U.S. Using Any Water Heating Fuel (millions)	Number of Water Heaters Used (million U.S. households)		Fuels Used (million U.S. households)		
			One	Two or More	Using a Major Fuel <sup>5</sup>	Using a Non-Major Fuel <sup>6</sup>	
<b>Clothes Washer</b>							
Do Not Use a Clothes Washer.....	19.3	18.6	18.4	Q	18.6	Q	
Use a Clothes Washer.....	91.8	91.4	88.0	3.4	91.2	0.3	
Top Loading.....	84.1	83.7	80.9	2.8	83.6	0.2	
Front Loading.....	7.7	7.7	7.1	0.6	7.7	Q	
<b>Age of Clothes Washer</b>							
Less than 2 Years.....	15.7	15.6	15.0	0.6	15.6	Q	
2 to 4 Years.....	21.1	21.0	20.2	0.8	21.0	Q	
5 to 9 Years.....	28.9	28.7	27.5	1.2	28.6	Q	
10 to 19 Years.....	19.9	19.8	19.2	0.7	19.8	Q	
20 Years or More.....	4.1	4.0	3.9	Q	4.0	Q	
Don't Know.....	2.2	2.2	2.2	N	2.2	N	
<b>Frequency of Clothes Washer Use</b>							
Use a Clothes Washer in the Home.....	91.8	91.4	88.0	3.4	91.2	0.3	
1 Load Each Week.....	7.3	7.1	7.0	Q	7.1	N	
2 to 5 Loads Each Week.....	39.0	38.8	37.6	1.3	38.8	Q	
6 to 9 Loads Each Week.....	33.8	33.7	32.4	1.3	33.6	Q	
10 to 15 Loads Each Week.....	9.3	9.3	8.7	0.6	9.3	Q	
More than 15 Loads Each Week.....	2.4	2.4	2.2	Q	2.4	N	
Do Not Use a Clothes Washer in the Home.....	19.3	18.6	18.4	Q	18.6	Q	
<b>Usual Water Temperature Setting</b>							
<b>Wash Cycle</b>							
Hot.....	6.7	6.7	6.5	Q	6.7	N	
Warm.....	50.5	50.3	48.0	2.3	50.2	Q	
Cold.....	34.6	34.4	33.4	1.0	34.3	Q	
<b>Rinse Cycle</b>							
Hot.....	1.6	1.6	1.5	Q	1.6	N	
Warm.....	18.2	18.1	17.4	0.7	18.1	Q	
Cold.....	72.0	71.7	69.0	2.7	71.6	0.2	
<b>Energy Star Clothes Washer<sup>4</sup></b>							
Yes.....	21.7	21.7	20.8	0.9	21.7	Q	
No.....	10.4	10.4	10.1	0.3	10.4	Q	
Don't Know.....	4.5	4.5	4.3	Q	4.5	N	
Unit is More Than 4 Years Old.....	55.1	54.8	52.7	2.0	54.7	0.2	

**Table WH1. Total Households Using Water Heating Equipment, 2005**  
**Million U.S. Households**

	U.S. Households (millions)	Total U.S. Using Any Water Heating Fuel (millions)	Number of Water Heaters Used (million U.S. households)		Fuels Used (million U.S. households)		
			One	Two or More	Using a Major Fuel <sup>5</sup>	Using a Non-Major Fuel <sup>6</sup>	
<b>Dishwasher</b>							
Do Not Use a Dishwasher.....	64.7	64.5	61.6	3.0	64.4	0.2	
Use a Dishwasher.....	46.4	45.5	44.8	0.7	45.4	Q	
<b>Age of Dishwasher</b>							
Less than 2 Years.....	11.5	11.4	10.9	0.5	11.4	N	
2 to 4 Years.....	14.6	14.5	13.8	0.7	14.5	Q	
5 to 9 Years.....	19.2	19.1	18.2	0.9	19.1	Q	
10 to 19 Years.....	12.8	12.8	12.0	0.8	12.8	Q	
20 Years or More.....	3.3	3.3	3.3	Q	3.3	N	
Don't Know.....	3.3	3.3	3.3	N	3.3	N	
<b>Frequency of Dishwasher Use</b>							
Use a Dishwasher.....	64.7	64.5	61.6	3.0	64.4	0.2	
At Least Once Each Day.....	11.3	11.3	10.5	0.8	11.3	Q	
4 to 6 Times a Week.....	11.7	11.7	11.0	0.8	11.7	Q	
2 to 3 Times a Week.....	21.8	21.7	20.8	0.8	21.6	Q	
Once each Week.....	9.0	9.0	8.6	0.4	8.9	Q	
Less than Once Each Week.....	10.9	10.9	10.7	Q	10.9	N	
Do Not Use a Dishwasher.....	46.4	45.5	44.8	0.7	45.4	Q	
<b>Energy Star Dishwasher<sup>4</sup></b>							
Yes.....	16.4	16.3	15.4	0.8	16.2	Q	
No.....	6.6	6.6	6.4	Q	6.6	N	
Don't Know.....	3.1	3.1	2.9	Q	3.1	N	
Unit is More Than 4 Years Old.....	38.6	38.5	36.8	1.7	38.5	Q	

**Table WH1. Total Households Using Water Heating Equipment, 2005**  
**Million U.S. Households**

	U.S. Households (millions)	Total U.S. Using Any Water Heating Fuel (millions)	Number of Water Heaters Used (million U.S. households)		Fuels Used (million U.S. households)		
			One	Two or More	Using a Major Fuel <sup>5</sup>	Using a Non-Major Fuel <sup>6</sup>	
<b>Other Water Heating</b>							
<b>Hot Tubs or Spas</b> .....	6.7	6.7	6.0	0.6	6.6		Q
Electricity.....	5.3	5.3	4.8	0.5	5.2		Q
Natural Gas.....	1.2	1.2	1.0	Q	1.2		N
<b>Swimming Pools</b> .....	1.9	1.9	1.5	0.4	1.9		Q
Natural Gas.....	1.2	1.2	1.0	Q	1.2		N
Electricity.....	0.4	0.4	Q	Q	0.4		N
Propane/LPG.....	0.3	0.3	0.3	Q	0.3		Q
Some Other Fuel.....	Q	Q	Q	N	Q		N
<b>Electric Water Beds</b> .....	2.2	2.1	2.1	Q	2.1		N
1.....	1.9	1.8	1.8	Q	1.8		N
2 or More.....	0.3	0.3	0.3	Q	0.3		N
<b>Heaters Used all Year</b> .....	1.7	1.7	1.7	Q	1.7		N
1.....	1.5	1.5	1.4	Q	1.5		N
2 or More.....	0.3	0.3	Q	Q	0.3		N

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 question of whether the appliance was an Energy Star appliance was asked only of those households having an appliance that was four years old or less.

5 The major water heating fuels are electricity, natural gas, fuel oil, and liquefied petroleum gas (LPG).

6 Non-major water heating fuels include kerosene, 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.