

Table HC2.8 Water Heating Characteristics by Type of Housing Unit, 2005
Million U.S. Housing Units

Water Heating Characteristics	Housing Units (millions)	Type of Housing Unit				
		Single-Family Units		Apartments in Buildings With--		Mobile Homes
		Detached	Attached	2 to 4 Units	5 or More Units	
Total	111.1	72.1	7.6	7.8	16.7	6.9
Number of Water Heaters						
1.....	106.3	68.7	7.4	7.6	15.9	6.7
2 or More.....	3.7	3.2	Q	Q	Q	Q
Do Not Use Hot Water.....	1.1	Q	Q	Q	0.6	Q
Housing Units Served by Main Water Heater						
One Housing Unit.....	99.7	71.7	7.1	5.4	8.8	6.7
Two or More Housing Units.....	10.3	0.2	0.4	2.3	7.3	Q
Do Not Use Hot Water.....	1.1	Q	Q	Q	0.6	Q
Main Water Heating Fuel						
Electric.....	43.1	26.3	2.3	2.4	7.3	4.7
For One Housing Unit.....	40.3	26.2	2.2	2.0	5.3	4.7
For Two or More Housing Units.....	2.7	Q	Q	0.4	2.1	N
Natural Gas.....	58.7	39.8	5.0	4.8	7.7	1.4
For One Housing Unit.....	52.5	39.7	4.8	3.2	3.5	1.4
For Two or More Housing Units.....	6.2	Q	0.3	1.6	4.2	Q
Fuel Oil.....	4.0	2.7	Q	0.4	0.8	Q
For One Housing Unit.....	3.0	2.6	Q	Q	Q	Q
For Two or More Housing Units.....	1.1	Q	Q	0.3	0.7	N
Propane/LPG.....	4.0	3.0	Q	Q	0.3	0.6
Other.....	0.2	Q	N	N	Q	N
Do Not Use Hot Water.....	1.1	Q	Q	Q	0.6	Q
Age of Main Water Heater						
Used by One Housing Unit						
Less than 2 Years.....	14.7	11.0	1.0	0.8	0.9	1.0
2 to 4 Years.....	18.6	14.3	1.0	0.8	1.3	1.3
5 to 9 Years.....	25.5	19.3	1.5	1.0	1.4	2.3
10 to 19 Years.....	20.1	15.7	1.5	0.6	1.2	1.2
20 Years or More.....	6.8	4.8	0.6	0.3	0.7	0.4
Don't Know.....	12.0	5.7	1.4	1.9	2.5	0.6
No Separate Water Heater.....	1.9	0.8	Q	Q	0.9	N
Used by Two or More Housing Units						
Less than 2 Years.....	0.3	N	Q	Q	Q	N
2 to 4 Years.....	0.5	Q	Q	Q	Q	N
5 to 9 Years.....	0.5	Q	Q	Q	Q	N
10 to 19 Years.....	0.6	Q	N	Q	0.3	N
20 Years or More.....	0.6	N	N	Q	0.4	Q
Don't Know.....	4.4	Q	Q	1.0	3.3	N
No Separate Water Heater.....	3.4	N	Q	0.5	2.8	Q

Table HC2.8 Water Heating Characteristics by Type of Housing Unit, 2005
Million U.S. Housing Units

Water Heating Characteristics	Housing Units (millions)	Type of Housing Unit				
		Single-Family Units		Apartments in Buildings With--		Mobile Homes
		Detached	Attached	2 to 4 Units	5 or More Units	
Size of Main Water Heater						
Used by One Housing Unit						
Small (30 gallons or less).....	17.1	9.2	1.1	1.3	3.0	2.6
Medium (31 to 49 gallons).....	52.4	38.5	4.2	2.8	3.5	3.3
Large (50 gallons or more).....	27.1	22.2	1.6	1.2	1.3	0.8
Tankless water heater.....	1.1	1.0	Q	Q	Q	Q
No Separate Water Heater.....	1.9	0.8	Q	Q	0.9	N
Used by Two or More Housing Units						
Small (30 gallons or less).....	1.4	Q	Q	0.3	1.0	Q
Medium (31 to 49 gallons).....	2.4	Q	Q	0.6	1.5	N
Large (50 gallons or more).....	2.8	Q	Q	0.8	1.8	N
Tankless water heater.....	0.2	Q	N	Q	Q	N
No Separate Water Heater.....	3.4	N	Q	0.5	2.8	Q
Other Water Heating						
Hot Tubs or Spas.....						
Electricity.....	6.7	6.4	Q	N	N	Q
Natural Gas.....	5.3	5.0	Q	N	N	Q
	1.2	1.2	N	N	N	N
Swimming Pools.....						
Natural Gas.....	1.9	1.9	N	N	N	N
Electricity.....	1.2	1.2	N	N	N	N
Propane/LPG.....	0.4	0.4	N	N	N	N
Some Other Fuel.....	0.3	0.3	N	N	N	N
	Q	Q	N	N	N	N
Electric Water Beds.....						
1.....	2.2	1.7	Q	Q	Q	Q
2 or More.....	1.9	1.5	Q	Q	Q	Q
	0.3	Q	N	Q	N	Q
Heaters Used all Year.....						
1.....	1.7	1.3	Q	Q	Q	Q
2 or More.....	1.5	1.1	Q	Q	Q	Q
	0.3	Q	N	Q	N	Q

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 reporting sample.

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

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

Table HC3.8 Water Heating Characteristics by Owner-Occupied Housing Unit, 2005
Million U.S. Housing Units

Water Heating Characteristics	U.S. Housing Units (millions)	Owner-Occupied Housing Units (millions)	Type of Owner-Occupied Housing Unit				
			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
Total	111.1	78.1	64.1	4.2	1.8	2.3	5.7
Number of Water Heaters							
1.....	106.3	74.5	60.9	4.0	1.8	2.2	5.5
2 or More.....	3.7	3.3	3.0	Q	Q	Q	Q
Do Not Use Hot Water.....	1.1	0.3	Q	Q	N	Q	Q
Housing Units Served by Main Water Heater							
One Housing Unit.....	99.7	76.2	63.7	4.1	1.3	1.6	5.6
Two or More Housing Units.....	10.3	1.5	Q	Q	0.5	0.7	Q
Do Not Use Hot Water.....	1.1	0.3	Q	Q	N	Q	Q
Main Water Heating Fuel							
Electric.....	43.1	29.5	22.8	1.0	0.4	1.3	3.9
For One Housing Unit.....	40.3	28.8	22.6	1.0	0.4	0.9	3.9
For Two or More Housing Units.....	2.7	0.6	Q	N	Q	0.4	N
Natural Gas.....	58.7	41.8	35.5	2.9	1.3	0.9	1.2
For One Housing Unit.....	52.5	41.0	35.5	2.9	0.9	0.7	1.2
For Two or More Housing Units.....	6.2	0.8	Q	Q	0.4	0.3	N
Fuel Oil.....	4.0	2.8	2.5	Q	Q	Q	N
For One Housing Unit.....	3.0	2.8	2.5	Q	Q	N	N
For Two or More Housing Units.....	1.1	Q	Q	Q	Q	Q	N
Propane/LPG.....	4.0	3.4	2.9	Q	N	N	0.5
Other.....	0.2	Q	Q	N	N	N	N
Do Not Use Hot Water.....	1.1	0.3	Q	Q	N	Q	Q
Age of Main Water Heater							
Used by One Housing Unit							
Less than 2 Years.....	14.7	11.9	9.9	0.5	0.3	Q	0.9
2 to 4 Years.....	18.6	15.4	13.0	0.8	0.2	0.3	1.1
5 to 9 Years.....	25.5	21.5	17.8	1.0	0.4	Q	2.0
10 to 19 Years.....	20.1	16.8	14.3	0.9	Q	Q	1.1
20 Years or More.....	6.8	4.8	4.0	0.4	Q	Q	Q
Don't Know.....	12.0	5.0	3.9	0.3	Q	Q	0.4
No Separate Water Heater.....	1.9	0.9	0.7	Q	N	Q	N
Used by Two or More Housing Units							
Less than 2 Years.....	0.3	Q	N	Q	Q	Q	N
2 to 4 Years.....	0.5	Q	Q	N	Q	Q	N
5 to 9 Years.....	0.5	0.2	Q	Q	Q	Q	N
10 to 19 Years.....	0.6	Q	Q	N	Q	Q	N
20 Years or More.....	0.6	Q	N	N	N	Q	Q
Don't Know.....	4.4	0.4	Q	N	Q	0.2	N
No Separate Water Heater.....	3.4	0.4	N	N	Q	Q	N

Table HC3.8 Water Heating Characteristics by Owner-Occupied Housing Unit, 2005
Million U.S. Housing Units

Water Heating Characteristics	U.S. Housing Units (millions)	Owner-Occupied Housing Units (millions)	Type of Owner-Occupied Housing Unit				
			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
Size of Main Water Heater							
Used by One Housing Unit							
Small (30 gallons or less).....	17.1	11.2	7.7	0.5	Q	0.7	2.1
Medium (31 to 49 gallons).....	52.4	40.6	34.2	2.4	0.7	0.5	2.8
Large (50 gallons or more).....	27.1	22.5	20.1	1.0	0.3	Q	0.7
Tankless water heater.....	1.1	1.0	0.9	Q	Q	N	Q
No Separate Water Heater.....	1.9	0.9	0.7	Q	N	Q	N
Used by Two or More Housing Units							
Small (30 gallons or less).....	1.4	Q	Q	N	Q	Q	Q
Medium (31 to 49 gallons).....	2.4	0.4	Q	Q	Q	Q	N
Large (50 gallons or more).....	2.8	0.6	Q	Q	0.3	0.2	N
Tankless water heater.....	0.2	Q	Q	N	N	Q	N
No Separate Water Heater.....	3.4	0.4	N	N	Q	Q	N
Other Water Heating							
Hot Tubs or Spas.....							
Electricity.....	6.7	6.5	6.2	Q	N	N	Q
Natural Gas.....	5.3	5.1	4.9	Q	N	N	Q
	1.2	1.2	1.2	N	N	N	N
Swimming Pools.....							
Natural Gas.....	1.9	1.9	1.9	N	N	N	N
Electricity.....	1.2	1.2	1.2	N	N	N	N
Propane/LPG.....	0.4	0.4	0.4	N	N	N	N
Some Other Fuel.....	0.3	0.3	0.3	N	N	N	N
	Q	Q	Q	N	N	N	N
Electric Water Beds.....							
1.....	2.2	2.0	1.6	Q	N	Q	Q
2 or More.....	1.9	1.7	1.4	Q	N	Q	Q
	0.3	0.3	Q	N	N	N	Q
Heaters Used all Year.....							
1.....	1.7	1.6	1.3	Q	N	Q	Q
2 or More.....	1.5	1.3	1.0	Q	N	Q	Q
	0.3	Q	Q	N	N	N	Q

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 reporting sample.

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

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

Table HC4.8 Water Heating Characteristics by Renter-Occupied Housing Unit, 2005
Million U.S. Housing Units

Water Heating Characteristics	U.S. Housing Units (millions)	Renter-Occupied Housing Units (millions)	Type of Renter-Occupied Housing Unit				
			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
Total	111.1	33.0	8.0	3.4	5.9	14.4	1.2
Number of Water Heaters							
1.....	106.3	31.9	7.9	3.4	5.8	13.7	1.1
2 or More.....	3.7	0.4	Q	Q	Q	Q	N
Do Not Use Hot Water.....	1.1	0.7	Q	Q	Q	0.6	Q
Housing Units Served by Main Water Heater							
One Housing Unit.....	99.7	23.5	8.0	3.1	4.0	7.3	1.1
Two or More Housing Units.....	10.3	8.8	Q	0.3	1.8	6.6	Q
Do Not Use Hot Water.....	1.1	0.7	Q	Q	Q	0.6	Q
Main Water Heating Fuel							
Electric.....	43.1	13.6	3.5	1.3	2.0	6.0	0.8
For One Housing Unit.....	40.3	11.5	3.5	1.1	1.7	4.4	0.8
For Two or More Housing Units.....	2.7	2.1	N	Q	0.3	1.7	N
Natural Gas.....	58.7	16.8	4.2	2.1	3.5	6.8	0.3
For One Housing Unit.....	52.5	11.4	4.2	1.9	2.3	2.8	0.2
For Two or More Housing Units.....	6.2	5.4	Q	0.2	1.2	4.0	Q
Fuel Oil.....	4.0	1.2	Q	Q	0.3	0.7	Q
For One Housing Unit.....	3.0	0.2	Q	Q	Q	Q	Q
For Two or More Housing Units.....	1.1	1.0	N	N	0.3	0.7	N
Propane/LPG.....	4.0	0.6	Q	Q	Q	0.3	Q
Other.....	0.2	Q	N	N	N	Q	N
Do Not Use Hot Water.....	1.1	0.7	Q	Q	Q	0.6	Q
Age of Main Water Heater							
Used by One Housing Unit							
Less than 2 Years.....	14.7	2.8	1.1	0.5	0.5	0.6	Q
2 to 4 Years.....	18.6	3.2	1.3	0.2	0.6	1.0	Q
5 to 9 Years.....	25.5	4.0	1.5	0.5	0.6	1.1	0.3
10 to 19 Years.....	20.1	3.4	1.4	0.6	0.4	0.9	Q
20 Years or More.....	6.8	2.0	0.8	Q	Q	0.7	Q
Don't Know.....	12.0	7.0	1.8	1.0	1.8	2.2	Q
No Separate Water Heater.....	1.9	1.0	Q	Q	Q	0.9	N
Used by Two or More Housing Units							
Less than 2 Years.....	0.3	Q	N	N	Q	Q	N
2 to 4 Years.....	0.5	Q	N	Q	Q	Q	N
5 to 9 Years.....	0.5	0.3	Q	Q	Q	Q	N
10 to 19 Years.....	0.6	0.4	N	N	Q	Q	N
20 Years or More.....	0.6	0.5	N	N	Q	0.4	N
Don't Know.....	4.4	4.1	N	Q	0.9	3.0	N
No Separate Water Heater.....	3.4	3.1	N	Q	0.4	2.5	Q

Table HC4.8 Water Heating Characteristics by Renter-Occupied Housing Unit, 2005
Million U.S. Housing Units

Water Heating Characteristics	U.S. Housing Units (millions)	Renter-Occupied Housing Units (millions)	Type of Renter-Occupied Housing Unit				
			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
Size of Main Water Heater							
Used by One Housing Unit							
Small (30 gallons or less).....	17.1	5.9	1.5	0.5	1.0	2.4	0.5
Medium (31 to 49 gallons).....	52.4	11.7	4.3	1.9	2.1	3.0	0.5
Large (50 gallons or more).....	27.1	4.6	2.1	0.6	0.9	1.0	Q
Tankless water heater.....	1.1	Q	Q	Q	Q	Q	N
No Separate Water Heater.....	1.9	1.0	Q	Q	Q	0.9	N
Used by Two or More Housing Units							
Small (30 gallons or less).....	1.4	1.3	N	Q	0.2	1.0	N
Medium (31 to 49 gallons).....	2.4	2.1	N	Q	0.6	1.4	N
Large (50 gallons or more).....	2.8	2.2	Q	Q	0.6	1.6	N
Tankless water heater.....	0.2	0.1	N	N	Q	Q	N
No Separate Water Heater.....	3.4	3.1	N	Q	0.4	2.5	Q
Other Water Heating							
Hot Tubs or Spas.....							
Electricity.....	6.7	Q	Q	Q	N	N	Q
Natural Gas.....	5.3	Q	Q	Q	N	N	Q
	1.2	Q	Q	N	N	N	N
Swimming Pools.....							
Natural Gas.....	1.9	N	N	N	N	N	N
Electricity.....	1.2	N	N	N	N	N	N
Propane/LPG.....	0.4	N	N	N	N	N	N
Some Other Fuel.....	0.3	N	N	N	N	N	N
	Q	N	N	N	N	N	N
Electric Water Beds.....							
1.....	2.2	Q	Q	Q	Q	Q	N
2 or More.....	1.9	Q	Q	Q	Q	Q	N
	0.3	Q	N	N	Q	N	N
Heaters Used all Year.....							
1.....	1.7	Q	Q	Q	Q	Q	N
2 or More.....	1.5	Q	Q	Q	Q	Q	N
	0.3	Q	N	N	Q	N	N

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 reporting sample.

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

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

Table HC5.8 Water Heating Characteristics by Year of Construction, 2005
Million U.S. Housing Units

Water Heating Characteristics	Housing Units (millions)	Year of Construction							
		Before 1940	1940 to 1949	1950 to 1959	1960 to 1969	1970 to 1979	1980 to 1989	1990 to 1999	2000 to 2005
Total	111.1	14.7	7.4	12.5	12.5	18.9	18.6	17.3	9.2
Number of Water Heaters									
1.....	106.3	14.0	7.2	12.2	12.0	18.4	17.7	16.1	8.8
2 or More.....	3.7	0.6	Q	Q	0.3	0.3	0.7	1.1	0.4
Do Not Use Hot Water.....	1.1	Q	Q	Q	Q	Q	Q	Q	Q
Housing Units Served by Main Water Heater									
One Housing Unit.....	99.7	12.7	6.4	11.4	10.8	16.3	17.0	16.5	8.8
Two or More Housing Units.....	10.3	1.9	1.0	1.0	1.5	2.4	1.5	0.7	0.4
Do Not Use Hot Water.....	1.1	Q	Q	Q	Q	Q	Q	Q	Q
Main Water Heating Fuel									
Electric.....	43.1	4.0	1.4	3.8	4.1	8.6	8.6	8.5	4.0
For One Housing Unit.....	40.3	3.8	1.3	3.6	3.7	7.7	8.1	8.2	3.9
For Two or More Housing Units.....	2.7	Q	Q	0.3	0.3	0.9	0.5	0.4	Q
Natural Gas.....	58.7	8.9	5.0	7.8	7.1	8.8	8.8	7.7	4.4
For One Housing Unit.....	52.5	7.7	4.4	7.2	6.3	7.5	7.9	7.3	4.1
For Two or More Housing Units.....	6.2	1.2	0.7	0.6	0.9	1.3	0.9	0.4	0.3
Fuel Oil.....	4.0	1.1	0.6	0.6	0.6	0.5	0.2	0.3	Q
For One Housing Unit.....	3.0	0.7	0.4	0.4	0.4	0.4	Q	0.3	Q
For Two or More Housing Units.....	1.1	0.4	Q	Q	Q	Q	Q	N	N
Propane/LPG.....	4.0	0.5	0.3	0.2	0.4	0.6	0.7	0.7	0.6
Other.....	0.2	Q	N	N	Q	Q	Q	Q	Q
Do Not Use Hot Water.....	1.1	Q	Q	Q	Q	Q	Q	Q	Q
Age of Main Water Heater									
Used by One Housing Unit									
Less than 2 Years.....	14.7	1.8	1.0	1.5	1.6	1.7	2.4	1.4	3.4
2 to 4 Years.....	18.6	2.1	1.0	2.4	2.1	2.9	2.4	1.6	4.1
5 to 9 Years.....	25.5	2.9	1.6	2.9	2.3	4.3	3.7	7.6	0.3
10 to 19 Years.....	20.1	2.6	1.5	2.1	2.3	2.9	4.4	4.4	Q
20 Years or More.....	6.8	1.1	0.5	1.3	0.9	1.5	1.4	Q	N
Don't Know.....	12.0	1.8	0.7	1.1	1.4	2.6	2.3	1.3	0.9
No Separate Water Heater.....	1.9	0.4	Q	Q	Q	0.5	0.4	Q	Q
Used by Two or More Housing Units									
Less than 2 Years.....	0.3	Q	Q	Q	N	Q	N	N	N
2 to 4 Years.....	0.5	Q	Q	Q	Q	Q	Q	N	Q
5 to 9 Years.....	0.5	Q	N	Q	Q	Q	Q	Q	N
10 to 19 Years.....	0.6	Q	Q	Q	Q	Q	Q	Q	N
20 Years or More.....	0.6	Q	Q	Q	Q	Q	Q	N	N
Don't Know.....	4.4	0.8	0.5	0.4	0.5	1.2	0.6	0.3	Q
No Separate Water Heater.....	3.4	0.5	Q	0.3	0.7	0.7	0.5	0.4	Q

Table HC5.8 Water Heating Characteristics by Year of Construction, 2005
Million U.S. Housing Units

Water Heating Characteristics	Housing Units (millions)	Year of Construction							
		Before 1940	1940 to 1949	1950 to 1959	1960 to 1969	1970 to 1979	1980 to 1989	1990 to 1999	2000 to 2005
Size of Main Water Heater									
Used by One Housing Unit									
Small (30 gallons or less).....	17.1	2.2	1.3	1.8	2.0	3.2	3.1	2.5	1.0
Medium (31 to 49 gallons).....	52.4	6.9	3.6	6.7	5.9	8.3	8.8	8.5	3.7
Large (50 gallons or more).....	27.1	3.1	1.3	2.5	2.4	4.1	4.6	5.3	3.9
Tankless water heater.....	1.1	Q	Q	Q	0.3	Q	Q	Q	Q
No Separate Water Heater.....	1.9	0.4	Q	Q	Q	0.5	0.4	Q	Q
Used by Two or More Housing Units									
Small (30 gallons or less).....	1.4	0.4	Q	Q	Q	0.3	Q	Q	Q
Medium (31 to 49 gallons).....	2.4	0.5	Q	0.3	0.3	0.6	0.4	Q	Q
Large (50 gallons or more).....	2.8	0.5	0.3	0.3	0.4	0.8	0.4	Q	Q
Tankless water heater.....	0.2	Q	Q	N	N	Q	N	Q	N
No Separate Water Heater.....	3.4	0.5	Q	0.3	0.7	0.7	0.5	0.4	Q
Other Water Heating									
Hot Tubs or Spas.....									
Electricity.....	6.7	0.6	Q	0.4	0.7	1.3	1.2	1.5	0.9
Natural Gas.....	5.3	0.4	Q	0.4	0.6	1.1	0.9	1.1	0.6
Swimming Pools.....									
Natural Gas.....	1.2	Q	Q	Q	Q	0.2	0.4	0.6	Q
Electricity.....	1.2	Q	Q	Q	Q	Q	Q	0.4	Q
Propane/LPG.....	0.4	N	N	N	Q	Q	Q	Q	Q
Some Other Fuel.....	0.3	Q	N	Q	Q	Q	Q	Q	Q
Electric Water Beds.....									
1.....	2.2	Q	Q	0.3	Q	0.4	0.4	0.4	Q
2 or More.....	1.9	Q	Q	0.3	Q	0.4	0.4	0.2	Q
Heaters Used all Year.....									
1.....	0.3	N	Q	N	Q	Q	Q	Q	N
2 or More.....	1.7	Q	Q	Q	Q	0.3	0.3	0.4	Q
1.....	1.5	Q	Q	Q	Q	0.3	0.3	0.2	Q
2 or More.....	0.3	N	Q	N	Q	Q	Q	Q	N

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 reporting sample.

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

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

**Table HC6.8 Water Heating Characteristics by Number of Household Members, 2005
Million U.S. Housing Units**

Water Heating Characteristics	Housing Units (millions)	Number of Households With --				
		1 Member	2 Members	3 Members	4 Members	5 or More Members
Total	111.1	30.0	34.8	18.4	15.9	12.0
Number of Water Heaters						
1.....	106.3	28.8	33.4	17.4	15.3	11.4
2 or More.....	3.7	0.6	1.1	0.8	0.5	0.6
Do Not Use Hot Water.....	1.1	0.6	0.3	Q	Q	Q
Housing Units Served by Main Water Heater						
One Housing Unit.....	99.7	25.3	31.8	16.6	14.6	11.3
Two or More Housing Units.....	10.3	4.2	2.7	1.6	1.2	0.6
Do Not Use Hot Water.....	1.1	0.6	0.3	Q	Q	Q
Main Water Heating Fuel						
Electric.....	43.1	12.7	13.7	7.2	5.4	3.9
For One Housing Unit.....	40.3	11.5	13.0	6.8	5.2	3.8
For Two or More Housing Units.....	2.7	1.2	0.8	0.5	Q	Q
Natural Gas.....	58.7	15.3	17.6	9.6	9.0	7.1
For One Housing Unit.....	52.5	12.7	16.1	8.7	8.2	6.7
For Two or More Housing Units.....	6.2	2.6	1.5	0.9	0.8	0.4
Fuel Oil.....	4.0	0.8	1.4	0.8	0.6	0.5
For One Housing Unit.....	3.0	0.5	1.0	0.6	0.5	0.4
For Two or More Housing Units.....	1.1	0.3	0.3	Q	Q	Q
Propane/LPG.....	4.0	0.7	1.7	0.6	0.7	0.5
Other.....	0.2	Q	Q	Q	Q	N
Do Not Use Hot Water.....	1.1	0.6	0.3	Q	Q	Q
Age of Main Water Heater						
Used by One Housing Unit						
Less than 2 Years.....	14.7	3.3	4.4	2.7	2.3	1.9
2 to 4 Years.....	18.6	3.9	6.5	3.0	2.9	2.3
5 to 9 Years.....	25.5	5.4	8.7	4.5	3.8	3.1
10 to 19 Years.....	20.1	6.0	6.5	3.5	2.8	1.3
20 Years or More.....	6.8	2.2	2.3	0.9	0.7	0.6
Don't Know.....	12.0	3.8	2.6	1.9	1.8	1.9
No Separate Water Heater.....	1.9	0.6	0.7	0.2	Q	Q
Used by Two or More Housing Units						
Less than 2 Years.....	0.3	Q	Q	N	Q	N
2 to 4 Years.....	0.5	Q	Q	Q	Q	Q
5 to 9 Years.....	0.5	Q	Q	Q	Q	Q
10 to 19 Years.....	0.6	Q	Q	Q	Q	Q
20 Years or More.....	0.6	Q	Q	Q	Q	Q
Don't Know.....	4.4	1.8	1.0	0.8	0.5	0.3
No Separate Water Heater.....	3.4	1.6	1.1	0.2	0.4	Q

**Table HC6.8 Water Heating Characteristics by Number of Household Members, 2005
Million U.S. Housing Units**

Water Heating Characteristics	Housing Units (millions)	Number of Households With --				
		1 Member	2 Members	3 Members	4 Members	5 or More Members
Size of Main Water Heater						
Used by One Housing Unit						
Small (30 gallons or less).....	17.1	6.8	5.1	2.2	1.5	1.5
Medium (31 to 49 gallons).....	52.4	12.9	16.8	8.9	8.0	5.7
Large (50 gallons or more).....	27.1	4.7	8.8	5.0	4.8	3.8
Tankless water heater.....	1.1	Q	0.4	0.3	Q	Q
No Separate Water Heater.....	1.9	0.6	0.7	0.2	Q	Q
Used by Two or More Housing Units						
Small (30 gallons or less).....	1.4	0.7	Q	0.3	Q	Q
Medium (31 to 49 gallons).....	2.4	0.9	0.5	0.5	0.4	Q
Large (50 gallons or more).....	2.8	0.9	0.8	0.5	0.3	Q
Tankless water heater.....	0.2	Q	Q	Q	Q	Q
No Separate Water Heater.....	3.4	1.6	1.1	0.2	0.4	Q
Other Water Heating						
Hot Tubs or Spas.....						
Electricity.....	6.7	0.7	2.8	1.1	1.1	0.9
Natural Gas.....	5.3	0.5	2.4	0.8	1.1	0.5
	1.2	Q	0.4	0.3	Q	0.3
Swimming Pools.....						
Natural Gas.....	1.9	Q	0.7	0.5	0.3	0.3
Electricity.....	1.2	Q	0.4	0.3	Q	0.3
Propane/LPG.....	0.4	N	Q	Q	Q	N
Some Other Fuel.....	0.3	N	Q	Q	Q	Q
	Q	N	N	N	Q	N
Electric Water Beds.....						
1.....	2.2	0.4	0.6	0.5	0.3	0.4
2 or More.....	1.9	0.4	0.6	0.4	0.3	0.3
	0.3	N	Q	Q	N	Q
Heaters Used all Year.....						
1.....	1.7	0.3	0.6	0.5	0.2	Q
2 or More.....	1.5	0.3	0.5	0.3	0.2	Q
	0.3	N	Q	Q	N	Q

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 reporting sample.

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

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

Table HC7.8 Water Heating Characteristics by Household Income, 2005
Million U.S. Housing Units

Water Heating Characteristics	Housing Units (millions)	2005 Household Income					Below Poverty Line	Eligible for Federal Assistance ¹
		Less than \$20,000	\$20,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 or More		
Total	111.1	26.7	28.8	20.6	13.1	22.0	16.6	38.6
Number of Water Heaters								
1.....	106.3	25.8	28.0	19.6	12.7	20.2	16.0	37.3
2 or More.....	3.7	0.3	0.5	0.9	0.4	1.7	Q	0.5
Do Not Use Hot Water.....	1.1	0.6	0.3	Q	N	Q	0.5	0.8
Housing Units Served by Main Water Heater								
One Housing Unit.....	99.7	21.8	25.5	19.0	12.5	21.0	13.3	32.3
Two or More Housing Units.....	10.3	4.3	3.0	1.5	0.6	1.0	2.8	5.4
Do Not Use Hot Water.....	1.1	0.6	0.3	Q	N	Q	0.5	0.8
Main Water Heating Fuel								
Electric.....	43.1	11.6	12.3	7.8	4.9	6.4	6.9	16.0
For One Housing Unit.....	40.3	10.8	11.5	7.3	4.7	6.0	6.4	15.0
For Two or More Housing Units.....	2.7	0.8	0.8	0.5	0.3	0.4	0.4	1.0
Natural Gas.....	58.7	12.6	14.2	11.3	7.0	13.6	8.0	18.9
For One Housing Unit.....	52.5	9.8	12.4	10.6	6.7	13.1	6.1	15.4
For Two or More Housing Units.....	6.2	2.8	1.8	0.7	0.3	0.5	1.9	3.5
Fuel Oil.....	4.0	1.1	0.8	0.6	0.6	0.9	0.7	1.6
For One Housing Unit.....	3.0	0.5	0.6	0.4	0.6	0.9	0.2	0.9
For Two or More Housing Units.....	1.1	0.6	Q	Q	Q	Q	0.5	0.7
Propane/LPG.....	4.0	0.8	1.0	0.7	0.5	0.9	0.6	1.2
Other.....	0.2	N	Q	Q	Q	Q	N	N
Do Not Use Hot Water.....	1.1	0.6	0.3	Q	N	Q	0.5	0.8
Age of Main Water Heater								
Used by One Housing Unit								
Less than 2 Years.....	14.7	3.0	3.7	2.7	1.9	3.3	1.8	4.5
2 to 4 Years.....	18.6	3.7	4.5	4.0	2.0	4.5	2.3	5.4
5 to 9 Years.....	25.5	4.5	6.3	5.3	3.5	6.0	2.8	7.1
10 to 19 Years.....	20.1	4.0	5.0	4.0	2.7	4.3	2.1	5.8
20 Years or More.....	6.8	2.0	2.0	1.3	0.7	0.8	1.1	2.8
Don't Know.....	12.0	4.1	3.5	1.6	1.2	1.6	2.8	6.0
No Separate Water Heater.....	1.9	0.5	0.5	Q	0.3	Q	0.4	0.8
Used by Two or More Housing Units								
Less than 2 Years.....	0.3	Q	Q	Q	Q	Q	Q	Q
2 to 4 Years.....	0.5	Q	Q	Q	Q	N	Q	Q
5 to 9 Years.....	0.5	Q	Q	Q	Q	Q	Q	Q
10 to 19 Years.....	0.6	Q	Q	Q	Q	Q	Q	0.3
20 Years or More.....	0.6	0.4	0.2	N	N	Q	0.4	0.4
Don't Know.....	4.4	2.0	1.4	0.5	Q	0.4	1.3	2.7
No Separate Water Heater.....	3.4	1.4	1.0	0.4	Q	0.4	0.8	1.6

Table HC7.8 Water Heating Characteristics by Household Income, 2005
Million U.S. Housing Units

Water Heating Characteristics	Housing Units (millions)	2005 Household Income					Below Poverty Line	Eligible for Federal Assistance ¹
		Less than \$20,000	\$20,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 or More		
Size of Main Water Heater								
Used by One Housing Unit								
Small (30 gallons or less).....	17.1	6.5	5.2	2.7	1.5	1.3	3.8	8.1
Medium (31 to 49 gallons).....	52.4	11.0	13.4	11.0	6.6	10.3	6.7	16.7
Large (50 gallons or more).....	27.1	3.5	6.1	4.9	3.8	8.8	2.3	6.4
Tankless water heater.....	1.1	0.2	0.3	Q	0.3	Q	Q	0.4
No Separate Water Heater.....	1.9	0.5	0.5	Q	0.3	Q	0.4	0.8
Used by Two or More Housing Units								
Small (30 gallons or less).....	1.4	0.8	0.4	Q	Q	Q	0.6	1.1
Medium (31 to 49 gallons).....	2.4	1.0	0.9	0.3	Q	Q	0.7	1.4
Large (50 gallons or more).....	2.8	1.0	0.8	0.5	0.3	0.3	0.8	1.3
Tankless water heater.....	0.2	Q	Q	Q	N	Q	Q	Q
No Separate Water Heater.....	3.4	1.4	1.0	0.4	Q	0.4	0.8	1.6
Other Water Heating								
Hot Tubs or Spas.....								
Electricity.....	6.7	Q	0.8	1.3	1.1	3.4	Q	0.5
Natural Gas.....	5.3	Q	0.7	1.1	0.9	2.5	Q	0.4
	1.2	Q	Q	Q	Q	0.8	Q	Q
Swimming Pools.....								
Natural Gas.....	1.9	N	Q	Q	0.3	1.4	N	Q
Electricity.....	1.2	N	Q	Q	Q	1.0	N	Q
Propane/LPG.....	0.4	N	N	Q	Q	Q	N	N
Some Other Fuel.....	0.3	N	N	Q	Q	Q	N	Q
	Q	N	N	N	Q	N	N	N
Electric Water Beds.....								
1.....	2.2	0.5	0.3	0.4	0.4	0.5	0.2	0.6
2 or More.....	1.9	0.4	0.3	0.3	0.3	0.5	Q	0.6
	0.3	Q	N	Q	Q	Q	Q	Q
Heaters Used all Year.....								
1.....	1.7	0.4	0.2	0.3	0.4	0.4	Q	0.5
2 or More.....	1.5	0.3	0.2	0.2	0.3	0.4	Q	0.5
	0.3	Q	N	Q	Q	Q	Q	Q

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 reporting sample.

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

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

Table HC8.8 Water Heating Characteristics by Urban/Rural Location, 2005
Million U.S. Housing Units

Water Heating Characteristics	Housing Units (millions)	Urban/Rural Location (as Self-Reported)			
		City	Town	Suburbs	Rural
Total	111.1	47.1	19.0	22.7	22.3
Number of Water Heaters					
1.....	106.3	45.5	18.2	21.6	21.0
2 or More.....	3.7	1.0	0.6	0.9	1.1
Do Not Use Hot Water.....	1.1	0.6	Q	Q	Q
Housing Units Served by Main Water Heater					
One Housing Unit.....	99.7	39.4	17.4	21.0	21.8
Two or More Housing Units.....	10.3	7.1	1.4	1.5	Q
Do Not Use Hot Water.....	1.1	0.6	Q	Q	Q
Main Water Heating Fuel					
Electric.....	43.1	16.4	6.6	6.0	14.0
For One Housing Unit.....	40.3	14.6	6.2	5.6	14.0
For Two or More Housing Units.....	2.7	1.8	0.4	0.4	Q
Natural Gas.....	58.7	28.2	11.2	15.3	3.9
For One Housing Unit.....	52.5	24.0	10.3	14.3	3.9
For Two or More Housing Units.....	6.2	4.2	0.9	1.1	Q
Fuel Oil.....	4.0	1.4	0.7	0.9	1.0
For One Housing Unit.....	3.0	0.5	0.6	0.9	0.9
For Two or More Housing Units.....	1.1	0.9	Q	N	Q
Propane/LPG.....	4.0	0.5	0.2	0.3	3.0
Other.....	0.2	Q	Q	Q	Q
Do Not Use Hot Water.....	1.1	0.6	Q	Q	Q
Age of Main Water Heater					
Used by One Housing Unit					
Less than 2 Years.....	14.7	5.6	2.6	3.4	3.1
2 to 4 Years.....	18.6	6.8	3.3	4.0	4.5
5 to 9 Years.....	25.5	9.3	4.6	5.4	6.3
10 to 19 Years.....	20.1	7.5	3.2	5.0	4.5
20 Years or More.....	6.8	3.0	1.3	1.0	1.6
Don't Know.....	12.0	6.3	2.3	1.8	1.6
No Separate Water Heater.....	1.9	1.0	Q	Q	0.3
Used by Two or More Housing Units					
Less than 2 Years.....	0.3	Q	Q	Q	Q
2 to 4 Years.....	0.5	0.3	Q	Q	N
5 to 9 Years.....	0.5	0.3	Q	Q	N
10 to 19 Years.....	0.6	0.4	Q	Q	Q
20 Years or More.....	0.6	0.5	Q	Q	Q
Don't Know.....	4.4	2.9	0.7	0.8	Q
No Separate Water Heater.....	3.4	2.5	0.5	0.4	Q

Table HC8.8 Water Heating Characteristics by Urban/Rural Location, 2005
Million U.S. Housing Units

Water Heating Characteristics	Housing Units (millions)	Urban/Rural Location (as Self-Reported)			
		City	Town	Suburbs	Rural
Size of Main Water Heater					
Used by One Housing Unit					
Small (30 gallons or less).....	17.1	7.4	3.5	2.1	4.1
Medium (31 to 49 gallons).....	52.4	21.2	8.9	11.1	11.1
Large (50 gallons or more).....	27.1	9.6	4.3	7.2	6.1
Tankless water heater.....	1.1	0.3	0.4	Q	Q
No Separate Water Heater.....	1.9	1.0	Q	Q	0.3
Used by Two or More Housing Units					
Small (30 gallons or less).....	1.4	1.0	Q	0.3	Q
Medium (31 to 49 gallons).....	2.4	1.5	0.4	0.4	Q
Large (50 gallons or more).....	2.8	1.9	0.4	0.4	Q
Tankless water heater.....	0.2	0.2	N	N	Q
No Separate Water Heater.....	3.4	2.5	0.5	0.4	Q
Other Water Heating					
Hot Tubs or Spas.....					
Electricity.....	6.7	1.7	1.2	2.2	1.6
Natural Gas.....	5.3	1.3	1.0	1.6	1.4
	1.2	0.3	Q	0.5	Q
Swimming Pools.....					
Natural Gas.....	1.9	0.5	Q	0.9	0.4
Electricity.....	1.2	0.5	Q	0.5	Q
Propane/LPG.....	0.4	Q	Q	Q	Q
Some Other Fuel.....	0.3	N	Q	Q	Q
	Q	N	Q	N	N
Electric Water Beds.....					
1.....	2.2	0.6	0.4	0.5	0.7
2 or More.....	1.9	0.6	0.3	0.4	0.6
	0.3	Q	Q	Q	Q
Heaters Used all Year.....					
1.....	1.7	0.4	0.4	0.5	0.5
2 or More.....	1.5	0.4	0.2	0.4	0.5
	0.3	Q	Q	Q	Q

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 reporting sample.

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

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

Table HC9.8 Water Heating Characteristics by Climate Zone, 2005
Million U.S. Housing Units

Water Heating Characteristics	Housing Units (millions)	Climate Zone ¹				
		Less than 2,000 CDD and --				2,000 CDD or More and Less than 4,000 HDD
		Greater than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Less than 4,000 HDD	
Total	111.1	10.9	26.1	27.3	24.0	22.8
Number of Water Heaters						
1.....	106.3	10.3	25.2	26.2	23.0	21.7
2 or More.....	3.7	0.4	0.7	0.6	0.9	1.1
Do Not Use Hot Water.....	1.1	0.3	0.2	0.5	Q	Q
Housing Units Served by Main Water Heater						
One Housing Unit.....	99.7	10.1	22.9	23.0	22.0	21.7
Two or More Housing Units.....	10.3	0.5	2.9	3.8	1.9	1.1
Do Not Use Hot Water.....	1.1	0.3	0.2	0.5	Q	Q
Main Water Heating Fuel						
Electric.....	43.1	3.4	6.7	10.2	8.7	14.1
For One Housing Unit.....	40.3	3.3	6.1	9.4	8.0	13.4
For Two or More Housing Units.....	2.7	Q	0.6	0.8	0.7	0.7
Natural Gas.....	58.7	5.5	16.7	14.2	14.2	8.1
For One Housing Unit.....	52.5	5.2	14.6	12.0	13.1	7.6
For Two or More Housing Units.....	6.2	0.4	2.1	2.2	1.1	0.4
Fuel Oil.....	4.0	Q	1.6	1.7	N	N
For One Housing Unit.....	3.0	Q	1.4	0.9	N	N
For Two or More Housing Units.....	1.1	Q	0.2	0.8	N	N
Propane/LPG.....	4.0	0.9	0.8	0.8	1.0	0.5
Other.....	0.2	Q	Q	N	Q	Q
Do Not Use Hot Water.....	1.1	0.3	0.2	0.5	Q	Q
Age of Main Water Heater						
Used by One Housing Unit						
Less than 2 Years.....	14.7	1.5	3.7	2.4	3.6	3.4
2 to 4 Years.....	18.6	1.8	3.9	3.9	4.3	4.6
5 to 9 Years.....	25.5	2.7	5.5	6.3	5.6	5.5
10 to 19 Years.....	20.1	2.5	4.4	5.0	4.7	3.6
20 Years or More.....	6.8	0.6	1.8	1.6	1.2	1.7
Don't Know.....	12.0	0.8	3.2	3.0	2.4	2.6
No Separate Water Heater.....	1.9	Q	0.4	0.8	0.3	0.3
Used by Two or More Housing Units						
Less than 2 Years.....	0.3	N	Q	Q	Q	N
2 to 4 Years.....	0.5	Q	Q	Q	Q	Q
5 to 9 Years.....	0.5	Q	Q	Q	Q	Q
10 to 19 Years.....	0.6	Q	0.2	Q	Q	Q
20 Years or More.....	0.6	Q	Q	Q	0.2	Q
Don't Know.....	4.4	0.3	1.4	1.9	0.4	0.4
No Separate Water Heater.....	3.4	Q	0.8	1.4	0.8	0.3

Table HC9.8 Water Heating Characteristics by Climate Zone, 2005
Million U.S. Housing Units

Water Heating Characteristics	Housing Units (millions)	Climate Zone ¹				
		Less than 2,000 CDD and --				2,000 CDD or More and Less than 4,000 HDD
		Greater than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Less than 4,000 HDD	
Size of Main Water Heater						
Used by One Housing Unit						
Small (30 gallons or less).....	17.1	1.3	3.1	3.5	3.7	5.5
Medium (31 to 49 gallons).....	52.4	5.3	13.3	11.7	11.9	10.2
Large (50 gallons or more).....	27.1	3.1	5.8	6.8	6.0	5.5
Tankless water heater.....	1.1	0.3	0.3	0.3	Q	Q
No Separate Water Heater.....	1.9	Q	0.4	0.8	0.3	0.3
Used by Two or More Housing Units						
Small (30 gallons or less).....	1.4	Q	0.3	0.6	Q	Q
Medium (31 to 49 gallons).....	2.4	Q	0.8	1.0	0.3	0.3
Large (50 gallons or more).....	2.8	Q	1.0	0.7	0.6	0.3
Tankless water heater.....	0.2	Q	Q	Q	N	N
No Separate Water Heater.....	3.4	Q	0.8	1.4	0.8	0.3
Other Water Heating						
Hot Tubs or Spas.....						
Electricity.....	6.7	0.9	1.2	1.4	1.6	1.6
Natural Gas.....	5.3	0.8	1.1	1.1	1.1	1.2
	1.2	Q	Q	Q	0.6	0.3
Swimming Pools.....						
Natural Gas.....	1.9	Q	Q	0.4	0.5	0.7
Electricity.....	1.2	Q	Q	Q	0.4	0.4
Propane/LPG.....	0.4	N	N	Q	Q	Q
Some Other Fuel.....	0.3	Q	Q	Q	Q	Q
	Q	N	Q	N	N	N
Electric Water Beds.....						
1.....	2.2	0.3	0.7	0.5	Q	0.5
2 or More.....	1.9	0.2	0.7	0.4	Q	0.4
	0.3	Q	Q	Q	Q	Q
Heaters Used all Year.....						
1.....	1.7	0.2	0.7	0.4	Q	Q
2 or More.....	1.5	Q	0.6	0.4	Q	Q
	0.3	Q	Q	Q	Q	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.

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 reporting sample.

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

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

Table HC10.8 Water Heating Characteristics by U.S. Census Region, 2005
Million U.S. Housing Units

Water Heating Characteristics	Housing Units (millions)	U.S. Census Region			
		Northeast	Midwest	South	West
Total	111.1	20.6	25.6	40.7	24.2
Number of Water Heaters					
1.....	106.3	19.6	24.5	39.0	23.2
2 or More.....	3.7	0.3	0.9	1.5	1.0
Do Not Use Hot Water.....	1.1	0.7	Q	Q	Q
Housing Units Served by Main Water Heater					
One Housing Unit.....	99.7	16.1	23.5	38.2	21.9
Two or More Housing Units.....	10.3	3.7	1.9	2.4	2.3
Do Not Use Hot Water.....	1.1	0.7	Q	Q	Q
Main Water Heating Fuel					
Electric.....	43.1	4.1	7.3	25.5	6.1
For One Housing Unit.....	40.3	3.6	6.9	24.5	5.2
For Two or More Housing Units.....	2.7	0.5	0.4	1.0	0.9
Natural Gas.....	58.7	11.2	16.9	13.8	16.7
For One Housing Unit.....	52.5	9.0	15.4	12.6	15.4
For Two or More Housing Units.....	6.2	2.2	1.5	1.2	1.3
Fuel Oil.....	4.0	3.9	N	Q	N
For One Housing Unit.....	3.0	2.9	N	Q	N
For Two or More Housing Units.....	1.1	1.0	N	Q	N
Propane/LPG.....	4.0	0.6	1.2	1.0	1.2
Other.....	0.2	Q	Q	Q	Q
Do Not Use Hot Water.....	1.1	0.7	Q	Q	Q
Age of Main Water Heater					
Used by One Housing Unit					
Less than 2 Years.....	14.7	2.3	3.1	5.6	3.7
2 to 4 Years.....	18.6	2.5	4.2	7.7	4.1
5 to 9 Years.....	25.5	3.6	6.6	9.7	5.7
10 to 19 Years.....	20.1	3.3	5.3	7.4	4.2
20 Years or More.....	6.8	1.6	1.3	2.6	1.2
Don't Know.....	12.0	1.9	2.7	4.6	2.8
No Separate Water Heater.....	1.9	0.9	0.3	0.5	Q
Used by Two or More Housing Units					
Less than 2 Years.....	0.3	Q	Q	N	Q
2 to 4 Years.....	0.5	0.3	Q	Q	Q
5 to 9 Years.....	0.5	Q	Q	Q	Q
10 to 19 Years.....	0.6	Q	Q	Q	Q
20 Years or More.....	0.6	Q	Q	Q	0.2
Don't Know.....	4.4	1.7	1.1	1.0	0.6
No Separate Water Heater.....	3.4	1.1	0.5	0.9	1.0

Table HC10.8 Water Heating Characteristics by U.S. Census Region, 2005
Million U.S. Housing Units

Water Heating Characteristics	Housing Units (millions)	U.S. Census Region			
		Northeast	Midwest	South	West
Size of Main Water Heater					
Used by One Housing Unit					
Small (30 gallons or less).....	17.1	2.0	3.5	8.5	3.2
Medium (31 to 49 gallons).....	52.4	8.9	13.1	19.7	10.7
Large (50 gallons or more).....	27.1	3.6	6.5	9.3	7.7
Tankless water heater.....	1.1	0.7	Q	Q	Q
No Separate Water Heater.....	1.9	0.9	0.3	0.5	Q
Used by Two or More Housing Units					
Small (30 gallons or less).....	1.4	0.6	Q	0.3	0.3
Medium (31 to 49 gallons).....	2.4	0.8	0.5	0.8	0.3
Large (50 gallons or more).....	2.8	0.9	0.7	0.4	0.7
Tankless water heater.....	0.2	0.2	N	N	N
No Separate Water Heater.....	3.4	1.1	0.5	0.9	1.0
Other Water Heating					
Hot Tubs or Spas.....					
Electricity.....	6.7	1.0	1.3	2.1	2.2
Natural Gas.....	5.3	0.8	1.3	1.7	1.5
	1.2	Q	Q	0.3	0.6
Swimming Pools.....					
Natural Gas.....	1.9	0.3	Q	0.7	0.7
Electricity.....	1.2	Q	Q	0.4	0.5
Propane/LPG.....	0.4	Q	N	Q	Q
Some Other Fuel.....	0.3	Q	Q	Q	Q
	Q	Q	N	N	N
Electric Water Beds.....					
1.....	2.2	0.4	0.7	0.7	0.4
2 or More.....	1.9	0.4	0.6	0.6	0.4
	0.3	N	Q	Q	Q
Heaters Used all Year.....					
1.....	1.7	0.3	0.6	0.5	0.3
2 or More.....	1.5	0.3	0.4	0.4	0.3
	0.3	N	Q	Q	N

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 reporting sample.

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

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

Table HC11.8 Water Heating Characteristics by Northeast Census Region, 2005
Million U.S. Housing Units

Water Heating Characteristics	U.S. Housing Units (millions)	Northeast Census Region		
		Total Northeast	Census Division	
			Middle Atlantic	New England
Total	111.1	20.6	15.1	5.5
Number of Water Heaters				
1.....	106.3	19.6	14.4	5.2
2 or More.....	3.7	0.3	Q	Q
Do Not Use Hot Water.....	1.1	0.7	0.6	Q
Housing Units Served by Main Water Heater				
One Housing Unit.....	99.7	16.1	11.7	4.5
Two or More Housing Units.....	10.3	3.7	2.9	0.8
Do Not Use Hot Water.....	1.1	0.7	0.6	Q
Main Water Heating Fuel				
Electric.....	43.1	4.1	2.7	1.4
For One Housing Unit.....	40.3	3.6	2.4	1.2
For Two or More Housing Units.....	2.7	0.5	Q	0.2
Natural Gas.....	58.7	11.2	8.9	2.3
For One Housing Unit.....	52.5	9.0	7.1	1.9
For Two or More Housing Units.....	6.2	2.2	1.8	0.4
Fuel Oil.....	4.0	3.9	2.5	1.4
For One Housing Unit.....	3.0	2.9	1.7	1.2
For Two or More Housing Units.....	1.1	1.0	0.8	0.2
Propane/LPG.....	4.0	0.6	0.5	0.2
Other.....	0.2	Q	N	Q
Do Not Use Hot Water.....	1.1	0.7	0.6	Q
Age of Main Water Heater				
Used by One Housing Unit				
Less than 2 Years.....	14.7	2.3	1.7	0.6
2 to 4 Years.....	18.6	2.5	1.8	0.7
5 to 9 Years.....	25.5	3.6	2.7	0.9
10 to 19 Years.....	20.1	3.3	2.3	1.0
20 Years or More.....	6.8	1.6	1.2	0.4
Don't Know.....	12.0	1.9	1.3	0.7
No Separate Water Heater.....	1.9	0.9	0.7	0.2
Used by Two or More Housing Units				
Less than 2 Years.....	0.3	Q	Q	Q
2 to 4 Years.....	0.5	0.3	Q	Q
5 to 9 Years.....	0.5	Q	Q	Q
10 to 19 Years.....	0.6	Q	Q	Q
20 Years or More.....	0.6	Q	Q	Q
Don't Know.....	4.4	1.7	1.3	0.4
No Separate Water Heater.....	3.4	1.1	0.9	0.2

Table HC11.8 Water Heating Characteristics by Northeast Census Region, 2005
Million U.S. Housing Units

Water Heating Characteristics	U.S. Housing Units (millions)	Northeast Census Region		
		Total Northeast	Census Division	
			Middle Atlantic	New England
Size of Main Water Heater				
Used by One Housing Unit				
Small (30 gallons or less).....	17.1	2.0	1.5	0.5
Medium (31 to 49 gallons).....	52.4	8.9	6.4	2.5
Large (50 gallons or more).....	27.1	3.6	2.7	1.0
Tankless water heater.....	1.1	0.7	0.3	0.4
No Separate Water Heater.....	1.9	0.9	0.7	0.2
Used by Two or More Housing Units				
Small (30 gallons or less).....	1.4	0.6	0.5	Q
Medium (31 to 49 gallons).....	2.4	0.8	0.6	0.3
Large (50 gallons or more).....	2.8	0.9	0.7	0.2
Tankless water heater.....	0.2	0.2	Q	Q
No Separate Water Heater.....	3.4	1.1	0.9	0.2
Other Water Heating				
Hot Tubs or Spas.....				
Electricity.....	6.7	1.0	0.8	0.2
Natural Gas.....	5.3	0.8	0.6	0.2
	1.2	Q	Q	Q
Swimming Pools.....				
Natural Gas.....	1.9	0.3	Q	Q
Electricity.....	1.2	Q	Q	N
Propane/LPG.....	0.4	Q	Q	N
Some Other Fuel.....	0.3	Q	Q	Q
	Q	Q	N	Q
Electric Water Beds.....				
1.....	2.2	0.4	Q	Q
2 or More.....	1.9	0.4	Q	Q
	0.3	N	N	N
Heaters Used all Year.....				
1.....	1.7	0.3	Q	Q
2 or More.....	1.5	0.3	Q	Q
	0.3	N	N	N

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 reporting sample.

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

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

Table HC12.8 Water Heating Characteristics by Midwest Census Region, 2005
Million U.S. Housing Units

Water Heating Characteristics	U.S. Housing Units (millions)	Midwest Census Region		
		Total Midwest	Census Division	
			East North Central	West North Central
Total	111.1	25.6	17.7	7.9
Number of Water Heaters				
1.....	106.3	24.5	17.1	7.4
2 or More.....	3.7	0.9	0.5	0.4
Do Not Use Hot Water.....	1.1	Q	Q	Q
Housing Units Served by Main Water Heater				
One Housing Unit.....	99.7	23.5	16.2	7.3
Two or More Housing Units.....	10.3	1.9	1.4	0.5
Do Not Use Hot Water.....	1.1	Q	Q	Q
Main Water Heating Fuel				
Electric.....	43.1	7.3	5.1	2.2
For One Housing Unit.....	40.3	6.9	4.8	2.1
For Two or More Housing Units.....	2.7	0.4	0.3	Q
Natural Gas.....	58.7	16.9	11.9	5.1
For One Housing Unit.....	52.5	15.4	10.8	4.6
For Two or More Housing Units.....	6.2	1.5	1.1	0.4
Fuel Oil.....	4.0	N	N	N
For One Housing Unit.....	3.0	N	N	N
For Two or More Housing Units.....	1.1	N	N	N
Propane/LPG.....	4.0	1.2	0.7	0.5
Other.....	0.2	Q	Q	N
Do Not Use Hot Water.....	1.1	Q	Q	Q
Age of Main Water Heater				
Used by One Housing Unit				
Less than 2 Years.....	14.7	3.1	2.0	1.2
2 to 4 Years.....	18.6	4.2	3.0	1.2
5 to 9 Years.....	25.5	6.6	4.5	2.1
10 to 19 Years.....	20.1	5.3	3.7	1.6
20 Years or More.....	6.8	1.3	1.1	0.2
Don't Know.....	12.0	2.7	1.8	0.9
No Separate Water Heater.....	1.9	0.3	Q	Q
Used by Two or More Housing Units				
Less than 2 Years.....	0.3	Q	Q	N
2 to 4 Years.....	0.5	Q	Q	Q
5 to 9 Years.....	0.5	Q	Q	N
10 to 19 Years.....	0.6	Q	Q	N
20 Years or More.....	0.6	Q	N	Q
Don't Know.....	4.4	1.1	0.8	0.3
No Separate Water Heater.....	3.4	0.5	Q	Q

Table HC12.8 Water Heating Characteristics by Midwest Census Region, 2005
Million U.S. Housing Units

Water Heating Characteristics	U.S. Housing Units (millions)	Midwest Census Region		
		Total Midwest	Census Division	
			East North Central	West North Central
Size of Main Water Heater				
Used by One Housing Unit				
Small (30 gallons or less).....	17.1	3.5	2.1	1.4
Medium (31 to 49 gallons).....	52.4	13.1	9.3	3.8
Large (50 gallons or more).....	27.1	6.5	4.5	2.0
Tankless water heater.....	1.1	Q	Q	Q
No Separate Water Heater.....	1.9	0.3	Q	Q
Used by Two or More Housing Units				
Small (30 gallons or less).....	1.4	Q	Q	Q
Medium (31 to 49 gallons).....	2.4	0.5	0.4	Q
Large (50 gallons or more).....	2.8	0.7	0.6	Q
Tankless water heater.....	0.2	N	N	N
No Separate Water Heater.....	3.4	0.5	Q	Q
Other Water Heating				
Hot Tubs or Spas.....				
Electricity.....	6.7	1.3	0.9	0.4
Natural Gas.....	5.3	1.3	0.9	0.4
Swimming Pools.....				
Natural Gas.....	1.9	Q	Q	Q
Electricity.....	1.2	Q	Q	Q
Propane/LPG.....	0.4	N	N	N
Some Other Fuel.....	0.3	Q	N	Q
Electric Water Beds.....				
1.....	2.2	0.7	0.6	Q
2 or More.....	1.9	0.6	0.5	Q
Heaters Used all Year.....				
1.....	0.3	Q	Q	N
2 or More.....	1.7	0.6	0.5	Q
1.....	1.5	0.4	0.4	Q
2 or More.....	0.3	Q	Q	N

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 reporting sample.

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

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

Table HC13.8 Water Heating Characteristics by South Census Region, 2005
Million U.S. Housing Units

Water Heating Characteristics	U.S. Housing Units (millions)	South Census Region			
		Total South	Census Division		
			South Atlantic	East South Central	West South Central
Total	111.1	40.7	21.7	6.9	12.1
Number of Water Heaters					
1.....	106.3	39.0	21.1	6.6	11.3
2 or More.....	3.7	1.5	0.5	0.3	0.7
Do Not Use Hot Water.....	1.1	Q	Q	N	Q
Housing Units Served by Main Water Heater					
One Housing Unit.....	99.7	38.2	20.2	6.7	11.3
Two or More Housing Units.....	10.3	2.4	1.5	0.2	0.7
Do Not Use Hot Water.....	1.1	Q	Q	N	Q
Main Water Heating Fuel					
Electric.....	43.1	25.5	15.6	4.7	5.2
For One Housing Unit.....	40.3	24.5	15.0	4.6	4.9
For Two or More Housing Units.....	2.7	1.0	0.6	Q	0.3
Natural Gas.....	58.7	13.8	5.5	2.0	6.4
For One Housing Unit.....	52.5	12.6	4.7	1.8	6.1
For Two or More Housing Units.....	6.2	1.2	0.8	Q	0.3
Fuel Oil.....	4.0	Q	Q	N	N
For One Housing Unit.....	3.0	Q	Q	N	N
For Two or More Housing Units.....	1.1	Q	Q	N	N
Propane/LPG.....	4.0	1.0	0.4	Q	0.4
Other.....	0.2	Q	N	Q	N
Do Not Use Hot Water.....	1.1	Q	Q	N	Q
Age of Main Water Heater					
Used by One Housing Unit					
Less than 2 Years.....	14.7	5.6	2.8	1.1	1.7
2 to 4 Years.....	18.6	7.7	3.7	1.6	2.4
5 to 9 Years.....	25.5	9.7	5.7	1.6	2.5
10 to 19 Years.....	20.1	7.4	4.1	1.4	1.9
20 Years or More.....	6.8	2.6	1.2	0.3	1.1
Don't Know.....	12.0	4.6	2.4	0.5	1.7
No Separate Water Heater.....	1.9	0.5	Q	Q	Q
Used by Two or More Housing Units					
Less than 2 Years.....	0.3	N	N	N	N
2 to 4 Years.....	0.5	Q	Q	N	N
5 to 9 Years.....	0.5	Q	Q	N	Q
10 to 19 Years.....	0.6	Q	Q	N	N
20 Years or More.....	0.6	Q	Q	N	Q
Don't Know.....	4.4	1.0	0.6	Q	0.3
No Separate Water Heater.....	3.4	0.9	0.6	Q	Q

Table HC13.8 Water Heating Characteristics by South Census Region, 2005
Million U.S. Housing Units

Water Heating Characteristics	U.S. Housing Units (millions)	South Census Region			
		Total South	Census Division		
			South Atlantic	East South Central	West South Central
Size of Main Water Heater					
Used by One Housing Unit					
Small (30 gallons or less).....	17.1	8.5	4.9	1.2	2.3
Medium (31 to 49 gallons).....	52.4	19.7	10.1	3.9	5.7
Large (50 gallons or more).....	27.1	9.3	4.8	1.5	3.1
Tankless water heater.....	1.1	Q	Q	N	Q
No Separate Water Heater.....	1.9	0.5	Q	Q	Q
Used by Two or More Housing Units					
Small (30 gallons or less).....	1.4	0.3	Q	N	Q
Medium (31 to 49 gallons).....	2.4	0.8	0.6	N	Q
Large (50 gallons or more).....	2.8	0.4	Q	Q	Q
Tankless water heater.....	0.2	N	N	N	N
No Separate Water Heater.....	3.4	0.9	0.6	Q	Q
Other Water Heating					
Hot Tubs or Spas.....					
Electricity.....	6.7	2.1	1.2	0.2	0.7
Natural Gas.....	5.3	1.7	1.1	Q	0.4
	1.2	0.3	Q	Q	Q
Swimming Pools.....					
Natural Gas.....	1.9	0.7	0.5	Q	Q
Electricity.....	1.2	0.4	Q	Q	Q
Propane/LPG.....	0.4	Q	Q	N	Q
Some Other Fuel.....	0.3	Q	Q	N	N
	Q	N	N	N	N
Electric Water Beds.....					
1.....	2.2	0.7	Q	Q	0.4
2 or More.....	1.9	0.6	Q	Q	0.3
	0.3	Q	Q	Q	Q
Heaters Used all Year.....					
1.....	1.7	0.5	Q	Q	Q
2 or More.....	1.5	0.4	Q	Q	Q
	0.3	Q	Q	Q	Q

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 reporting sample.

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

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

Table HC14.8 Water Heating Characteristics by West Census Region, 2005
Million U.S. Housing Units

Water Heating Characteristics	U.S. Housing Units (millions)	West Census Region		
		Total West	Census Division	
			Mountain	Pacific
Total	111.1	24.2	7.6	16.6
Number of Water Heaters				
1.....	106.3	23.2	7.1	16.1
2 or More.....	3.7	1.0	0.4	0.6
Do Not Use Hot Water.....	1.1	Q	Q	N
Housing Units Served by Main Water Heater				
One Housing Unit.....	99.7	21.9	7.1	14.8
Two or More Housing Units.....	10.3	2.3	0.4	1.9
Do Not Use Hot Water.....	1.1	Q	Q	N
Main Water Heating Fuel				
Electric.....	43.1	6.1	1.9	4.2
For One Housing Unit.....	40.3	5.2	1.8	3.4
For Two or More Housing Units.....	2.7	0.9	Q	0.8
Natural Gas.....	58.7	16.7	4.9	11.7
For One Housing Unit.....	52.5	15.4	4.7	10.7
For Two or More Housing Units.....	6.2	1.3	0.2	1.0
Fuel Oil.....	4.0	N	N	N
For One Housing Unit.....	3.0	N	N	N
For Two or More Housing Units.....	1.1	N	N	N
Propane/LPG.....	4.0	1.2	0.6	0.6
Other.....	0.2	Q	Q	Q
Do Not Use Hot Water.....	1.1	Q	Q	N
Age of Main Water Heater				
Used by One Housing Unit				
Less than 2 Years.....	14.7	3.7	1.4	2.3
2 to 4 Years.....	18.6	4.1	1.4	2.7
5 to 9 Years.....	25.5	5.7	2.0	3.7
10 to 19 Years.....	20.1	4.2	1.4	2.8
20 Years or More.....	6.8	1.2	0.3	1.0
Don't Know.....	12.0	2.8	0.7	2.1
No Separate Water Heater.....	1.9	Q	Q	Q
Used by Two or More Housing Units				
Less than 2 Years.....	0.3	Q	N	Q
2 to 4 Years.....	0.5	Q	Q	Q
5 to 9 Years.....	0.5	Q	Q	Q
10 to 19 Years.....	0.6	Q	Q	Q
20 Years or More.....	0.6	0.2	Q	Q
Don't Know.....	4.4	0.6	Q	0.6
No Separate Water Heater.....	3.4	1.0	Q	0.8

Table HC14.8 Water Heating Characteristics by West Census Region, 2005
Million U.S. Housing Units

Water Heating Characteristics	U.S. Housing Units (millions)	West Census Region		
		Total West	Census Division	
			Mountain	Pacific
Size of Main Water Heater				
Used by One Housing Unit				
Small (30 gallons or less).....	17.1	3.2	1.0	2.2
Medium (31 to 49 gallons).....	52.4	10.7	3.7	7.0
Large (50 gallons or more).....	27.1	7.7	2.4	5.3
Tankless water heater.....	1.1	Q	Q	Q
No Separate Water Heater.....	1.9	Q	Q	Q
Used by Two or More Housing Units				
Small (30 gallons or less).....	1.4	0.3	Q	Q
Medium (31 to 49 gallons).....	2.4	0.3	Q	0.3
Large (50 gallons or more).....	2.8	0.7	Q	0.6
Tankless water heater.....	0.2	N	N	N
No Separate Water Heater.....	3.4	1.0	Q	0.8
Other Water Heating				
Hot Tubs or Spas.....				
Electricity.....	6.7	2.2	0.6	1.7
Natural Gas.....	5.3	1.5	0.4	1.1
	1.2	0.6	Q	0.5
Swimming Pools.....				
Natural Gas.....	1.9	0.7	Q	0.5
Electricity.....	1.2	0.5	Q	0.4
Propane/LPG.....	0.4	Q	N	Q
Some Other Fuel.....	0.3	Q	N	Q
	Q	N	N	N
Electric Water Beds.....				
1.....	2.2	0.4	0.2	Q
2 or More.....	1.9	0.4	0.2	Q
	0.3	Q	N	Q
Heaters Used all Year.....				
1.....	1.7	0.3	Q	Q
2 or More.....	1.5	0.3	Q	Q
	0.3	N	N	N

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 reporting sample.

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

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

Table HC15.8 Water Heating Characteristics by Four Most Populated States, 2005
Million U.S. Housing Units

Water Heating Characteristics	Housing Units (millions)	Four Most Populated States			
		New York	Florida	Texas	California
Total	111.1	7.1	7.0	8.0	12.1
Number of Water Heaters					
1.....	106.3	6.5	6.9	7.4	11.7
2 or More.....	3.7	Q	Q	0.5	0.4
Do Not Use Hot Water.....	1.1	0.5	N	Q	N
Housing Units Served by Main Water Heater					
One Housing Unit.....	99.7	4.3	6.8	7.4	10.6
Two or More Housing Units.....	10.3	2.3	Q	0.5	1.5
Do Not Use Hot Water.....	1.1	0.5	N	Q	N
Main Water Heating Fuel					
Electric.....	43.1	0.8	6.3	3.4	1.3
For One Housing Unit.....	40.3	0.5	6.1	3.2	0.8
For Two or More Housing Units.....	2.7	Q	Q	Q	0.5
Natural Gas.....	58.7	3.9	0.7	4.3	10.3
For One Housing Unit.....	52.5	2.5	0.6	4.0	9.4
For Two or More Housing Units.....	6.2	1.4	Q	Q	0.9
Fuel Oil.....	4.0	1.7	N	N	N
For One Housing Unit.....	3.0	Q	N	N	N
For Two or More Housing Units.....	1.1	0.7	N	N	N
Propane/LPG.....	4.0	0.4	Q	Q	0.5
Other.....	0.2	N	N	N	Q
Do Not Use Hot Water.....	1.1	0.5	N	Q	N
Age of Main Water Heater					
Used by One Housing Unit					
Less than 2 Years.....	14.7	0.7	1.0	1.1	1.6
2 to 4 Years.....	18.6	0.8	1.5	1.6	2.1
5 to 9 Years.....	25.5	0.6	1.9	1.7	2.5
10 to 19 Years.....	20.1	0.7	0.9	1.1	2.0
20 Years or More.....	6.8	0.3	0.5	0.6	0.6
Don't Know.....	12.0	0.7	0.8	1.2	1.6
No Separate Water Heater.....	1.9	Q	Q	Q	Q
Used by Two or More Housing Units					
Less than 2 Years.....	0.3	Q	N	N	Q
2 to 4 Years.....	0.5	Q	Q	N	Q
5 to 9 Years.....	0.5	Q	Q	Q	Q
10 to 19 Years.....	0.6	Q	Q	N	Q
20 Years or More.....	0.6	Q	N	Q	Q
Don't Know.....	4.4	1.1	Q	Q	0.4
No Separate Water Heater.....	3.4	0.9	Q	Q	0.7

Table HC15.8 Water Heating Characteristics by Four Most Populated States, 2005
Million U.S. Housing Units

Water Heating Characteristics	Housing Units (millions)	Four Most Populated States			
		New York	Florida	Texas	California
Size of Main Water Heater					
Used by One Housing Unit					
Small (30 gallons or less).....	17.1	0.6	2.2	1.4	1.6
Medium (31 to 49 gallons).....	52.4	2.2	3.0	3.5	5.4
Large (50 gallons or more).....	27.1	0.9	1.3	2.3	3.4
Tankless water heater.....	1.1	Q	Q	Q	Q
No Separate Water Heater.....	1.9	Q	Q	Q	Q
Used by Two or More Housing Units					
Small (30 gallons or less).....	1.4	0.4	N	Q	Q
Medium (31 to 49 gallons).....	2.4	0.5	Q	Q	Q
Large (50 gallons or more).....	2.8	0.5	Q	Q	0.5
Tankless water heater.....	0.2	Q	N	N	N
No Separate Water Heater.....	3.4	0.9	Q	Q	0.7
Other Water Heating					
Hot Tubs or Spas.....					
Electricity.....	6.7	Q	0.7	0.5	1.2
Natural Gas.....	5.3	Q	0.6	0.3	0.7
	1.2	Q	Q	Q	0.5
Swimming Pools.....					
Natural Gas.....	1.9	Q	0.4	Q	0.4
Electricity.....	1.2	N	Q	Q	0.3
Propane/LPG.....	0.4	Q	Q	Q	Q
Some Other Fuel.....	0.3	Q	Q	N	Q
	Q	N	N	N	N
Electric Water Beds.....					
1.....	2.2	Q	Q	0.3	Q
2 or More.....	1.9	Q	Q	Q	Q
	0.3	N	Q	Q	Q
Heaters Used all Year.....					
1.....	1.7	Q	Q	Q	Q
2 or More.....	1.5	Q	N	Q	Q
	0.3	N	Q	Q	N

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 reporting sample.

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

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