

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

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		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.