

Table 3.31a. Equipment Purchase by Census Region and Climate Zone, Million U.S. Households, 1993

Equipment Purchase and Purchase Considerations	Total	Census Region				Climate Zone					RSE Row Factors
		Northeast	Midwest	South	West	Fewer than 2,000 CDD and --				More than 2,000 CDD and Fewer than 4,000 HDD	
						More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
RSE Column Factor:	0.5	1.0	0.8	0.7	0.9	2.1	1.1	1.1	1.4	1.1	
Total	96.6	19.5	23.3	33.5	20.4	8.7	26.5	22.5	17.8	21.2	7.4
Main Heating System Purchased After January 1, 1990											
No	83.6	17.0	20.2	27.9	18.5	7.2	23.3	19.7	15.5	18.0	4.2
Yes	13.0	2.4	3.1	5.6	1.8	1.5	3.2	2.7	2.3	3.2	10.3
Came with Home Purchase	4.2	0.5	1.0	2.1	0.6	0.4	1.0	0.8	0.7	1.3	21.3
Household Selected	1.0	0.2	0.2	0.4	0.2	0.1	0.3	0.2	0.2	0.3	24.0
Standard with New Home	3.2	0.3	0.8	1.7	0.4	0.3	0.7	0.6	0.5	1.0	24.1
Purchased Replacement	8.8	1.9	2.1	3.5	1.2	1.1	2.2	2.0	1.6	1.9	10.3
Water Heater Purchased After January 1, 1990											
No	79.6	16.6	19.1	26.8	17.0	6.7	22.2	18.8	14.9	16.9	3.9
Yes	17.0	2.8	4.2	6.7	3.3	2.0	4.3	3.6	2.9	4.3	9.5
Came with Home Purchase	4.2	0.6	0.9	2.1	0.7	0.4	1.0	0.8	0.7	1.4	21.5
Household Selected	0.7	0.1	0.1	0.3	0.1	0.1	0.2	0.1	0.1	0.2	26.1
Standard with New Home	3.5	0.5	0.8	1.8	0.5	0.3	0.8	0.6	0.6	1.2	23.7
Purchased Replacement	12.8	2.2	3.3	4.6	2.7	1.5	3.2	2.9	2.2	2.9	10.1
Central Air-Conditioning Equipment Purchased After January 1, 1990											
No	88.5	18.6	21.3	29.1	19.5	8.1	24.8	20.7	16.3	18.6	4.9
Yes	8.1	0.9	2.0	4.4	0.8	0.6	1.7	1.7	1.5	2.6	14.5
Came with Home Purchase	3.3	0.3	0.8	2.0	0.3	0.2	0.5	0.6	0.6	1.3	23.8
Household Selected	0.6	Q	0.2	0.3	(*)	Q	0.1	0.1	0.1	0.2	33.4
Standard with New Home	2.7	0.2	0.6	1.6	0.2	0.2	0.4	0.5	0.5	1.1	25.3
Purchased Replacement	4.9	0.6	1.2	2.5	0.6	0.4	1.1	1.1	1.0	1.3	15.7
Replaced Central Unit	2.4	Q	0.4	1.5	0.2	Q	0.4	0.5	0.3	1.1	19.7
Replaced Window Unit	0.9	Q	0.2	0.5	Q	Q	Q	0.2	0.3	Q	31.0
New Additional Unit	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	51.9
No Equipment Before	1.3	0.3	0.5	0.4	Q	Q	0.4	0.3	0.2	Q	26.5
Refrigerator Purchased After January 1, 1990											
No	80.4	16.3	19.7	27.6	16.8	7.3	22.3	19.1	14.6	17.1	4.0
Yes	16.2	3.2	3.6	5.9	3.5	1.4	4.2	3.4	3.2	4.1	8.7
Came with Home Purchase	2.7	0.4	0.4	1.2	0.7	0.2	0.6	0.5	0.4	1.0	21.3
Household Selected	1.4	0.2	0.2	0.7	0.3	0.2	0.3	0.2	0.2	0.6	28.3
Standard with New Home	1.4	0.3	0.2	0.6	0.4	Q	0.3	0.3	0.2	0.4	23.7
Purchased Replacement	13.5	2.8	3.2	4.6	2.9	1.2	3.6	2.8	2.8	3.1	9.7

See footnotes at end of table.

Table 3.31b. Equipment Purchase by Census Region and Climate Zone, Percent of U.S. Households, 1993

Equipment Purchase and Purchase Considerations	Total	Census Region				Climate Zone					RSE Row Factors
		Northeast	Midwest	South	West	Fewer than 2,000 CDD and --				More than 2,000 CDD and Fewer than 4,000 HDD	
						More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
RSE Column Factor:	0.5	1.2	1.0	0.8	1.0	1.5	1.0	1.0	1.2	1.1	
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0
Main Heating System Purchased After January 1, 1990											
No	86.5	87.5	86.6	83.2	91.0	82.9	87.9	87.8	87.0	84.7	1.4
Yes	13.5	12.5	13.4	16.8	9.0	17.1	12.1	12.2	13.0	15.3	8.2
Came with Home Purchase	4.4	2.7	4.3	6.3	2.9	5.0	3.8	3.4	3.9	6.2	20.8
Household Selected	1.1	1.1	1.0	1.3	0.7	1.4	1.1	0.9	1.0	1.2	23.2
Standard with New Home	3.3	1.6	3.2	5.0	2.2	3.6	2.7	2.6	2.9	4.9	23.8
Purchased Replacement	9.1	9.7	9.1	10.5	6.1	12.1	8.3	8.8	9.1	9.1	8.5
Water Heater Purchased After January 1, 1990											
No	82.4	85.5	82.1	80.0	83.7	77.6	83.9	83.8	83.8	79.7	1.6
Yes	17.6	14.5	17.9	20.0	16.3	22.4	16.1	16.2	16.2	20.3	7.6
Came with Home Purchase	4.4	3.0	3.9	6.2	3.2	4.9	3.8	3.3	3.7	6.5	21.3
Household Selected	0.7	0.7	0.6	0.8	0.7	1.1	0.7	0.6	0.5	0.9	25.5
Standard with New Home	3.7	2.3	3.3	5.3	2.5	3.8	3.1	2.8	3.2	5.6	23.7
Purchased Replacement	13.2	11.5	14.0	13.8	13.0	17.5	12.3	12.8	12.5	13.8	8.3
Central Air-Conditioning Equipment Purchased After January 1, 1990											
No	91.6	95.5	91.4	86.8	96.0	92.9	93.8	92.3	91.5	87.6	1.4
Yes	8.4	4.5	8.6	13.2	4.0	7.1	6.2	7.7	8.5	12.4	13.4
Came with Home Purchase	3.4	1.4	3.3	5.9	1.3	2.7	2.1	2.8	3.1	6.1	23.6
Household Selected	0.6	Q	0.7	1.0	0.2	Q	0.4	0.4	0.5	1.2	32.2
Standard with New Home	2.8	1.1	2.6	4.8	1.1	Q	1.6	2.4	2.6	5.0	24.3
Purchased Replacement	5.0	3.1	5.3	7.4	2.7	4.4	4.2	4.9	5.4	6.2	14.4
Replaced Central Unit	2.5	Q	1.9	4.6	1.2	Q	1.5	2.3	1.7	5.1	18.6
Replaced Window Unit	1.0	Q	1.1	1.5	Q	Q	Q	0.9	1.9	Q	30.7
New Additional Unit	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	46.5
No Equipment Before	1.3	1.5	2.2	1.1	Q	2.5	1.7	1.4	1.2	Q	25.6
Refrigerator Purchased After January 1, 1990											
No	83.2	83.4	84.4	82.5	82.7	83.9	84.1	85.1	82.2	80.6	1.5
Yes	16.8	16.6	15.6	17.5	17.3	16.1	15.9	14.9	17.8	19.4	7.2
Came with Home Purchase	2.8	2.3	1.7	3.7	3.2	2.4	2.4	2.3	2.2	4.7	21.4
Household Selected	1.4	0.9	1.0	2.0	1.5	1.8	1.2	0.7	1.0	2.7	28.6
Standard with New Home	1.4	1.4	0.7	1.7	1.8	Q	1.2	1.6	1.1	2.0	22.6
Purchased Replacement	14.0	14.3	13.9	13.8	14.1	13.7	13.5	12.7	15.6	14.7	8.2

See footnotes at end of table.

Table 3.31a. Equipment Purchase by Census Region and Climate Zone, Million U.S. Households, 1993 (Continued)

Equipment Purchase and Purchase Considerations	Total	Census Region				Climate Zone					RSE Row Factors
		Northeast	Midwest	South	West	Fewer than 2,000 CDD and --				More than 2,000 CDD and Fewer than 4,000 HDD	
						More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
RSE Column Factor:	0.5	1.0	0.8	0.7	0.9	2.1	1.1	1.1	1.4	1.1	
Purchase Considerations (Those who selected for new home or purchased new equipment)											
Price											
Heating Equipment	9.8	2.1	2.4	4.0	1.4	1.2	2.5	2.2	1.8	2.2	9.7
Important	7.3	1.5	1.6	3.2	1.0	0.7	1.8	1.8	1.4	1.7	11.5
Not Important	2.3	0.5	0.7	0.7	0.4	0.4	0.7	0.4	0.4	0.5	17.1
Don't Know	0.2	Q	Q	Q	Q	Q	Q	Q	Q	Q	58.8
Water Heater	13.5	2.4	3.4	4.9	2.8	1.6	3.4	3.0	2.3	3.1	9.8
Important	9.5	1.6	2.4	3.5	2.1	1.1	2.4	2.1	1.7	2.2	11.2
Not Important	3.7	0.7	0.9	1.3	0.7	0.6	0.9	0.8	0.6	0.8	16.7
Don't Know	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	53.1
Central Air-Conditioning	5.5	0.7	1.4	2.8	0.6	0.4	1.2	1.2	1.0	1.6	14.9
Important	4.2	0.5	1.0	2.3	0.5	Q	1.0	0.9	0.8	1.3	14.1
Not Important	1.1	0.1	0.4	0.4	0.1	0.2	0.3	0.2	0.2	0.3	30.5
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Refrigerator	14.9	3.0	3.5	5.3	3.2	1.3	3.9	3.0	3.0	3.7	9.1
Important	12.4	2.4	2.8	4.5	2.8	1.1	3.1	2.6	2.6	3.1	10.3
Not Important	2.2	0.5	0.5	0.8	0.4	0.3	0.7	0.4	0.4	0.5	18.0
Don't Know	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	59.8
Energy Efficiency											
Heating Equipment	9.8	2.1	2.4	4.0	1.4	1.2	2.5	2.2	1.8	2.2	9.7
Important	8.9	1.9	2.2	3.5	1.2	1.1	2.3	2.0	1.6	2.0	10.7
Not Important	0.7	Q	Q	0.3	0.2	Q	0.2	Q	0.2	0.2	28.3
Don't Know	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	57.4
Water Heater	13.5	2.4	3.4	4.9	2.8	1.6	3.4	3.0	2.3	3.1	9.8
Important	11.7	2.0	3.0	4.3	2.4	1.5	2.8	2.6	2.0	2.8	10.2
Not Important	1.4	0.3	0.4	0.5	0.3	Q	0.5	0.2	0.2	0.3	28.8
Don't Know	0.4	Q	Q	Q	Q	Q	Q	0.2	Q	Q	38.8
Central Air-Conditioning	5.5	0.7	1.4	2.8	0.6	0.4	1.2	1.2	1.0	1.6	14.9
Important	5.0	0.5	1.3	2.6	0.5	0.4	1.1	1.1	0.9	1.5	14.9
Not Important	0.3	Q	Q	0.1	Q	Q	Q	Q	Q	Q	49.2
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Refrigerator	14.9	3.0	3.5	5.3	3.2	1.3	3.9	3.0	3.0	3.7	9.1
Important	12.7	2.5	2.9	4.6	2.6	1.2	3.2	2.7	2.6	3.1	10.0
Not Important	1.9	0.4	0.4	0.6	0.5	0.2	0.5	0.3	0.4	0.6	20.2
Don't Know	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	54.3

See footnotes at end of table.

Table 3.31b. Equipment Purchase by Census Region and Climate Zone, Percent of U.S. Households, 1993 (Continued)

Equipment Purchase and Purchase Considerations	Total	Census Region				Climate Zone					RSE Row Factors
		Northeast	Midwest	South	West	Fewer than 2,000 CDD and --				More than 2,000 CDD and Fewer than 4,000 HDD	
						More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
RSE Column Factor:	0.5	1.2	1.0	0.8	1.0	1.5	1.0	1.0	1.2	1.1	
Purchase Considerations (Those who selected for new home or purchased new equipment)											
Price											
Heating Equipment	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	74.0	71.3	66.6	81.1	70.1	61.7	70.3	81.0	75.4	76.5	5.3
Not Important	23.7	25.0	31.5	16.6	28.4	36.1	26.7	17.3	21.4	21.7	14.3
Don't Know	2.4	Q	Q	Q	Q	Q	Q	Q	Q	Q	52.5
Water Heater	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	70.8	65.9	69.9	71.2	75.1	65.8	69.9	70.4	74.4	72.1	5.4
Not Important	27.1	30.9	27.8	26.9	23.5	34.2	27.2	25.5	24.3	27.0	13.7
Don't Know	2.1	Q	Q	Q	Q	Q	Q	Q	Q	Q	47.1
Central Air-Conditioning	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	77.6	73.1	68.8	83.1	77.0	52.4	78.1	80.1	80.4	80.6	7.7
Not Important	20.1	21.3	30.6	14.3	21.5	47.6	21.1	16.9	15.4	16.9	23.5
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Refrigerator	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	83.3	80.3	80.7	84.2	87.7	80.0	79.5	85.1	86.9	84.3	3.2
Not Important	14.8	18.4	15.8	14.4	11.2	19.0	17.6	13.8	11.8	13.7	15.5
Don't Know	1.8	Q	Q	Q	Q	Q	Q	Q	Q	Q	55.3
Energy Efficiency											
Heating Equipment	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	90.7	91.3	94.9	89.3	86.6	94.5	90.6	92.6	86.5	90.3	2.7
Not Important	6.7	Q	Q	7.9	11.1	Q	6.8	Q	10.3	7.5	28.1
Don't Know	2.6	Q	Q	Q	Q	Q	Q	Q	Q	Q	51.6
Water Heater	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	86.5	83.8	87.1	87.3	86.6	93.1	81.6	86.5	85.2	89.5	3.4
Not Important	10.5	11.5	10.6	10.4	9.7	Q	15.1	7.7	10.5	9.9	26.5
Don't Know	3.0	Q	Q	Q	Q	Q	Q	5.9	Q	Q	37.3
Central Air-Conditioning	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	92.2	81.8	95.7	94.1	87.0	100.0	86.8	92.7	88.3	96.6	3.6
Not Important	5.9	Q	Q	4.0	Q	Q	Q	Q	Q	Q	41.5
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Refrigerator	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	85.2	85.7	84.5	86.7	83.2	85.7	83.1	88.5	86.8	83.4	3.3
Not Important	12.8	12.1	12.2	12.3	15.0	13.3	13.7	9.6	12.0	15.0	18.5
Don't Know	1.9	Q	Q	Q	Q	Q	Q	Q	Q	Q	50.2

See footnotes at end of table.

Table 3.31a. Equipment Purchase by Census Region and Climate Zone, Million U.S. Households, 1993 (Continued)

Equipment Purchase and Purchase Considerations	Total	Census Region				Climate Zone					RSE Row Factors
		Northeast	Midwest	South	West	Fewer than 2,000 CDD and --				More than 2,000 CDD and Fewer than 4,000 HDD	
						More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
RSE Column Factor:	0.5	1.0	0.8	0.7	0.9	2.1	1.1	1.1	1.4	1.1	
Purchase Considerations (Those who selected for new home or purchased new equipment)											
Rebate/Financing											
Heating Equipment	9.8	2.1	2.4	4.0	1.4	1.2	2.5	2.2	1.8	2.2	9.7
Important	2.1	0.4	0.6	0.9	0.2	0.3	0.5	0.5	0.2	0.6	19.5
Not Important	7.1	1.6	1.7	2.8	1.1	0.8	1.8	1.5	1.3	1.6	11.4
Don't Know	0.6	Q	Q	0.3	Q	Q	Q	Q	0.2	Q	36.9
Water Heater	13.5	2.4	3.4	4.9	2.8	1.6	3.4	3.0	2.3	3.1	9.8
Important	2.6	0.6	0.6	0.9	0.5	0.2	0.7	0.7	0.5	0.4	20.7
Not Important	10.4	1.6	2.7	3.9	2.2	1.4	2.5	2.1	1.7	2.6	11.4
Don't Know	0.5	0.2	Q	0.1	Q	Q	Q	0.2	Q	Q	39.7
Central Air-Conditioning	5.5	0.7	1.4	2.8	0.6	0.4	1.2	1.2	1.0	1.6	14.9
Important	1.2	Q	0.3	0.7	0.1	Q	0.2	0.3	0.1	0.5	24.0
Not Important	4.0	0.5	1.1	2.0	0.5	0.3	1.0	0.9	0.8	1.1	16.0
Don't Know	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	67.9
Reputation of Manufacturer											
Heating Equipment	9.8	2.1	2.4	4.0	1.4	1.2	2.5	2.2	1.8	2.2	9.7
Important	7.4	1.6	1.9	3.1	0.7	0.9	1.9	1.6	1.2	1.7	12.0
Not Important	2.1	0.4	0.4	0.7	0.5	0.2	0.5	0.5	0.4	0.4	18.1
Don't Know	0.4	Q	Q	0.1	Q	Q	Q	Q	Q	Q	41.5
Central Air-Conditioning	5.5	0.7	1.4	2.8	0.6	0.4	1.2	1.2	1.0	1.6	14.9
Important	4.6	0.5	1.2	2.4	0.4	0.4	1.0	1.0	0.8	1.3	15.7
Not Important	0.7	Q	0.1	0.3	0.2	Q	0.2	0.2	0.2	0.2	32.4
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Availability											
Water Heater	13.5	2.4	3.4	4.9	2.8	1.6	3.4	3.0	2.3	3.1	9.8
Important	11.6	2.1	2.7	4.3	2.5	1.3	2.9	2.6	2.0	2.7	10.6
Not Important	1.7	0.2	0.6	0.6	0.2	0.3	0.4	0.3	0.3	0.4	22.4
Don't Know	0.2	Q	Q	Q	Q	Q	Q	Q	Q	Q	67.7
Refrigerator	14.9	3.0	3.5	5.3	3.2	1.3	3.9	3.0	3.0	3.7	9.1
Important	11.7	2.4	2.5	4.4	2.5	1.1	2.8	2.6	2.3	2.9	10.6
Not Important	2.9	0.5	0.9	0.8	0.6	0.3	0.9	0.4	0.6	0.7	17.9
Don't Know	0.3	Q	Q	Q	Q	Q	0.2	Q	Q	Q	36.8
Size											
Refrigerator	14.9	3.0	3.5	5.3	3.2	1.3	3.9	3.0	3.0	3.7	9.1
Important	13.6	2.7	3.0	5.0	2.9	1.2	3.4	2.8	2.7	3.4	10.1
Not Important	1.1	0.2	0.4	0.3	0.2	Q	0.4	0.1	0.2	0.2	28.2
Don't Know	0.2	Q	Q	Q	Q	Q	Q	Q	Q	Q	63.2

(*) = Value rounds to zero in the units displayed.

NF = No applicable RSE row factor.

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

Notes: • "Important" combines responses of "Very Important" and "Somewhat Important." • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • 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, B, C of the 1993 Residential Energy Consumption Survey. (For specific titles of forms, see Appendix D.)

Table 3.31b. Equipment Purchase by Census Region and Climate Zone, Percent of U.S. Households, 1993 (Continued)

Equipment Purchase and Purchase Considerations	Total	Census Region				Climate Zone					RSE Row Factors
		Northeast	Midwest	South	West	Fewer than 2,000 CDD and --				More than 2,000 CDD and Fewer than 4,000 HDD	
						More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
RSE Column Factor:	0.5	1.2	1.0	0.8	1.0	1.5	1.0	1.0	1.2	1.1	
Purchase Considerations (Those who selected for new home or purchased new equipment)											
Rebate/Financing											
Heating Equipment	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	21.8	19.1	25.3	23.1	16.2	24.4	21.6	23.5	13.4	25.9	16.9
Not Important	72.5	75.3	72.3	70.0	75.6	71.6	74.1	70.1	74.9	71.3	5.6
Don't Know	5.7	Q	Q	6.9	Q	Q	Q	Q	11.7	Q	36.1
Water Heater	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	18.9	23.4	18.8	18.4	16.4	12.8	21.6	22.2	22.4	13.5	19.9
Not Important	77.3	68.4	78.2	79.4	80.0	87.2	73.5	70.8	75.5	83.9	5.0
Don't Know	3.8	8.2	Q	2.3	Q	Q	4.9	7.0	Q	Q	37.1
Central Air-Conditioning	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	22.1	Q	23.4	23.8	19.2	22.9	19.1	22.6	12.7	29.8	20.7
Not Important	72.9	78.8	75.9	69.5	75.5	75.2	80.1	72.4	72.7	67.1	6.6
Don't Know	5.0	Q	Q	Q	Q	Q	Q	Q	Q	Q	59.9
Reputation of Manufacturer											
Heating Equipment	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	74.9	75.1	82.3	78.0	53.1	79.5	75.4	74.4	68.4	77.5	5.3
Not Important	21.1	20.3	16.2	18.4	38.5	18.6	21.1	22.1	23.2	19.8	15.8
Don't Know	4.1	Q	Q	3.7	Q	Q	Q	Q	Q	Q	37.6
Central Air-Conditioning	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	84.0	79.0	89.7	85.3	70.0	96.7	84.2	80.8	80.4	85.1	4.9
Not Important	13.7	Q	10.3	12.0	27.4	Q	15.8	14.4	15.4	13.3	30.1
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Availability											
Water Heater	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	85.8	86.9	80.2	86.8	90.2	79.1	84.3	88.1	87.0	88.0	3.2
Not Important	12.8	10.2	18.6	12.4	8.9	20.9	13.0	10.9	11.3	11.6	21.4
Don't Know	1.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	59.5
Refrigerator	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	78.5	79.9	71.0	82.8	78.2	78.5	71.6	85.9	78.6	79.6	4.5
Not Important	19.2	17.4	25.5	15.4	20.2	19.9	24.5	12.8	20.1	17.8	16.0
Don't Know	2.3	Q	Q	Q	Q	Q	3.9	Q	Q	Q	37.0
Size											
Refrigerator	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	91.5	91.3	86.4	94.2	92.6	91.7	87.0	94.2	91.9	93.5	2.6
Not Important	7.1	7.3	10.3	5.2	6.6	Q	10.2	4.6	6.8	6.0	27.0
Don't Know	1.4	Q	Q	Q	Q	Q	Q	Q	Q	Q	58.7

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

NF = No applicable RSE row factor.

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

Notes: • "Important" combines responses of "Very Important" and "Somewhat Important." • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • 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, B, C of the 1993 Residential Energy Consumption Survey. (For specific titles of forms, see Appendix D.)

Table 3.32a. Equipment Purchase by Year of Construction, Million U.S. Households, 1993

Equipment Purchase and Purchase Considerations	Total	Year of Construction									RSE Row Factors
		1991 to 1993 ¹	1988 to 1990	1985 to 1987	1980 to 1984	1970 to 1979	1960 to 1969	1950 to 1959	1940 to 1949	1939 or Before	
RSE Column Factor:	0.4	1.1	1.4	2.0	1.1	0.9	0.9	0.8	1.4	0.8	
Total	96.6	4.5	4.7	5.5	8.5	18.1	15.0	13.1	6.9	20.4	5.3
Main Heating System Purchased After January 1, 1990											
No	83.6	1.7	3.6	5.4	7.9	16.3	13.3	11.1	6.0	18.4	5.8
Yes	13.0	2.8	1.1	0.1	0.6	1.8	1.7	2.0	0.9	2.0	12.9
Came with Home Purchase	4.2	2.8	1.1	Q	Q	Q	Q	Q	Q	Q	14.9
Household Selected	1.0	0.6	0.3	Q	Q	Q	Q	Q	Q	Q	17.9
Standard with New Home	3.2	2.1	0.8	Q	Q	Q	Q	Q	Q	Q	17.3
Purchased Replacement	8.8	Q	Q	0.1	0.5	1.7	1.6	2.0	0.8	1.8	13.7
Water Heater Purchased After January 1, 1990											
No	79.6	1.7	3.6	5.0	7.4	15.5	12.7	10.6	5.9	17.3	6.0
Yes	17.0	2.8	1.1	0.5	1.1	2.6	2.3	2.5	1.0	3.1	10.8
Came with Home Purchase	4.2	2.7	1.0	Q	Q	Q	Q	Q	Q	Q	15.5
Household Selected	0.7	0.4	0.2	Q	Q	Q	Q	Q	Q	Q	19.7
Standard with New Home	3.5	2.3	0.8	Q	Q	Q	Q	Q	Q	Q	17.3
Purchased Replacement	12.8	Q	0.1	0.5	1.0	2.6	2.2	2.4	1.0	2.9	11.6
Central Air-Conditioning Equipment Purchased After January 1, 1990											
No	88.5	2.1	3.8	5.3	7.9	16.9	14.0	11.9	6.7	19.9	5.7
Yes	8.1	2.4	1.0	0.1	0.5	1.2	1.0	1.1	0.2	0.5	17.9
Came with Home Purchase	3.3	2.3	0.8	Q	Q	Q	Q	Q	Q	Q	17.2
Household Selected	0.6	0.5	0.1	Q	Q	Q	Q	Q	Q	Q	26.7
Standard with New Home	2.7	1.8	0.7	Q	Q	Q	Q	Q	Q	Q	18.8
Purchased Replacement	4.9	0.1	0.1	Q	0.5	1.2	1.0	1.1	0.2	0.5	20.6
Replaced Central Unit	2.4	Q	Q	Q	0.3	0.8	0.6	0.4	Q	Q	22.7
Replaced Window Unit	0.9	Q	Q	Q	Q	0.2	0.2	0.3	Q	Q	42.5
New Additional Unit	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	59.7
No Equipment Before	1.3	0.1	0.1	Q	Q	0.2	Q	0.3	Q	0.3	34.4
Refrigerator Purchased After January 1, 1990											
No	80.4	2.2	3.8	4.9	7.2	15.3	12.5	11.1	5.7	17.7	5.7
Yes	16.2	2.3	0.9	0.6	1.3	2.9	2.5	2.0	1.2	2.7	10.0
Came with Home Purchase	2.7	1.5	0.4	0.1	Q	Q	Q	Q	Q	Q	16.5
Household Selected	1.4	0.8	0.2	Q	Q	Q	Q	Q	Q	Q	23.7
Standard with New Home	1.4	0.7	0.3	Q	Q	Q	Q	Q	Q	Q	17.9
Purchased Replacement	13.5	0.7	0.4	0.4	1.2	2.7	2.4	1.8	1.2	2.6	11.1

See footnotes at end of table.

Table 3.32b. Equipment Purchase by Year of Construction, Percent of U.S. Households, 1993

Equipment Purchase and Purchase Considerations	Total	Year of Construction									RSE Row Factors
		1991 to 1993 ¹	1988 to 1990	1985 to 1987	1980 to 1984	1970 to 1979	1960 to 1969	1950 to 1959	1940 to 1949	1939 or Before	
RSE Column Factor:	0.5	1.0	1.3	1.8	1.2	0.8	0.9	0.9	1.4	0.8	
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0
Main Heating System Purchased After January 1, 1990											
No	86.5	37.0	76.1	97.6	93.0	90.1	88.9	84.7	87.3	90.2	2.0
Yes	13.5	63.0	23.9	2.4	7.0	9.9	11.1	15.3	12.7	9.8	11.3
Came with Home Purchase	4.4	62.1	22.4	Q	Q	Q	Q	Q	Q	Q	12.2
Household Selected	1.1	14.4	6.4	Q	Q	Q	Q	Q	Q	Q	17.7
Standard with New Home	3.3	47.7	16.0	Q	Q	Q	Q	Q	Q	Q	14.4
Purchased Replacement	9.1	Q	Q	2.2	6.4	9.6	10.9	15.2	12.0	9.0	12.5
Water Heater Purchased After January 1, 1990											
No	82.4	37.7	76.5	90.6	87.0	85.4	84.5	81.1	85.4	85.0	2.2
Yes	17.6	62.3	23.5	9.4	13.0	14.6	15.5	18.9	14.6	15.0	9.5
Came with Home Purchase	4.4	61.1	21.2	Q	Q	Q	Q	Q	Q	Q	12.8
Household Selected	0.7	9.0	3.8	Q	Q	Q	Q	Q	Q	Q	20.1
Standard with New Home	3.7	52.1	17.4	Q	Q	Q	Q	Q	Q	Q	14.4
Purchased Replacement	13.2	Q	2.3	9.1	12.2	14.2	14.8	18.2	14.3	14.4	10.6
Central Air-Conditioning Equipment Purchased After January 1, 1990											
No	91.6	46.0	79.8	97.3	93.8	93.3	93.3	91.2	96.9	97.5	1.8
Yes	8.4	54.0	20.2	2.7	6.2	6.7	6.7	8.8	3.1	2.5	16.6
Came with Home Purchase	3.4	50.8	17.7	Q	Q	Q	Q	Q	Q	Q	14.4
Household Selected	0.6	10.2	2.5	Q	Q	Q	Q	Q	Q	Q	26.1
Standard with New Home	2.8	40.7	15.1	Q	Q	Q	Q	Q	Q	Q	16.1
Purchased Replacement	5.0	3.2	2.6	Q	5.5	6.5	6.5	8.7	3.0	2.4	20.0
Replaced Central Unit	2.5	Q	Q	Q	3.6	4.4	3.9	3.3	Q	Q	21.1
Replaced Window Unit	1.0	Q	Q	Q	Q	0.9	1.5	2.2	Q	Q	40.9
New Additional Unit	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	52.9
No Equipment Before	1.3	2.2	2.3	Q	Q	0.9	Q	2.6	Q	1.3	34.0
Refrigerator Purchased After January 1, 1990											
No	83.2	49.5	81.7	90.0	84.9	84.2	83.1	84.8	82.4	86.8	1.8
Yes	16.8	50.5	18.3	10.0	15.1	15.8	16.9	15.2	17.6	13.2	8.5
Came with Home Purchase	2.8	34.6	9.5	2.3	Q	Q	Q	Q	Q	Q	14.9
Household Selected	1.4	18.5	3.9	Q	Q	Q	Q	Q	Q	Q	21.7
Standard with New Home	1.4	16.1	5.6	Q	Q	Q	Q	Q	Q	Q	17.4
Purchased Replacement	14.0	15.9	8.9	7.7	14.3	15.0	15.8	14.1	17.4	12.7	10.0

See footnotes at end of table.

Table 3.32a. Equipment Purchase by Year of Construction, Million U.S. Households, 1993 (Continued)

Equipment Purchase and Purchase Considerations	Total	Year of Construction									RSE Row Factors
		1991 to 1993 ¹	1988 to 1990	1985 to 1987	1980 to 1984	1970 to 1979	1960 to 1969	1950 to 1959	1940 to 1949	1939 or Before	
RSE Column Factor:	0.4	1.1	1.4	2.0	1.1	0.9	0.9	0.8	1.4	0.8	
Purchase Considerations (Those who selected for new home or purchased new equipment)											
Price											
Heating Equipment	9.8	0.7	0.4	0.1	0.5	1.8	1.6	2.0	0.8	1.9	13.4
Important	7.3	0.5	0.2	Q	0.4	1.3	1.3	1.6	0.5	1.3	15.1
Not Important	2.3	0.2	0.1	Q	Q	0.4	0.3	0.3	0.3	0.5	23.5
Don't Know	0.2	Q	Q	Q	Q	Q	Q	Q	Q	Q	67.7
Water Heater	13.5	0.5	0.3	0.5	1.1	2.6	2.2	2.4	1.0	3.0	11.1
Important	9.5	0.3	0.3	0.2	0.7	1.8	1.7	1.8	0.7	2.1	13.4
Not Important	3.7	0.2	Q	0.3	0.4	0.7	0.5	0.6	0.2	0.9	20.6
Don't Know	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	61.1
Central Air-Conditioning	5.5	0.6	0.2	0.1	0.5	1.2	1.0	1.1	0.2	0.5	19.5
Important	4.2	0.5	0.2	Q	0.4	1.0	0.8	0.8	0.1	0.4	20.1
Not Important	1.1	0.1	Q	Q	Q	0.2	0.2	0.3	Q	Q	36.9
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Refrigerator	14.9	1.5	0.6	0.5	1.2	2.8	2.5	1.9	1.2	2.6	10.5
Important	12.4	1.3	0.5	0.4	1.0	2.3	2.0	1.7	1.0	2.2	11.3
Not Important	2.2	0.2	0.1	Q	0.2	0.4	0.4	0.2	0.2	0.4	26.1
Don't Know	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	68.9
Energy Efficiency											
Heating Equipment	9.8	0.7	0.4	0.1	0.5	1.8	1.6	2.0	0.8	1.9	13.4
Important	8.9	0.7	0.3	0.1	0.5	1.6	1.5	1.8	0.8	1.8	14.7
Not Important	0.7	Q	Q	Q	Q	Q	Q	0.1	Q	Q	36.8
Don't Know	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	66.1
Water Heater	13.5	0.5	0.3	0.5	1.1	2.6	2.2	2.4	1.0	3.0	11.1
Important	11.7	0.4	0.3	0.4	0.9	2.3	2.1	2.0	0.9	2.4	12.1
Not Important	1.4	Q	Q	Q	Q	0.2	Q	0.3	Q	0.5	29.4
Don't Know	0.4	Q	Q	Q	Q	Q	Q	Q	Q	Q	56.9
Central Air-Conditioning	5.5	0.6	0.2	0.1	0.5	1.2	1.0	1.1	0.2	0.5	19.5
Important	5.0	0.6	0.2	0.1	0.4	1.1	0.9	1.0	0.2	0.4	20.0
Not Important	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	57.8
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Refrigerator	14.9	1.5	0.6	0.5	1.2	2.8	2.5	1.9	1.2	2.6	10.5
Important	12.7	1.2	0.5	0.5	1.0	2.5	2.1	1.6	1.0	2.3	11.4
Not Important	1.9	0.3	0.1	Q	0.2	0.2	0.2	0.3	0.2	0.3	28.8
Don't Know	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	62.5

See footnotes at end of table.

Table 3.32b. Equipment Purchase by Year of Construction, Percent of U.S. Households, 1993 (Continued)

Equipment Purchase and Purchase Considerations	Total	Year of Construction									RSE Row Factors
		1991 to 1993 ¹	1988 to 1990	1985 to 1987	1980 to 1984	1970 to 1979	1960 to 1969	1950 to 1959	1940 to 1949	1939 or Before	
RSE Column Factor:	0.5	1.0	1.3	1.8	1.2	0.8	0.9	0.9	1.4	0.8	
Purchase Considerations (Those who selected for new home or purchased new equipment)											
Price											
Heating Equipment	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	74.0	66.9	64.3	Q	82.6	75.4	77.3	78.9	63.5	71.0	7.5
Not Important	23.7	31.8	26.1	Q	Q	24.4	20.5	17.6	36.5	25.9	20.2
Don't Know	2.4	Q	Q	Q	Q	Q	Q	Q	Q	Q	59.7
Water Heater	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	70.8	63.5	88.5	43.5	61.8	70.4	76.0	75.4	75.5	69.1	7.2
Not Important	27.1	33.4	Q	52.9	38.2	26.6	22.4	23.3	20.0	28.9	17.2
Don't Know	2.1	Q	Q	Q	Q	Q	Q	Q	Q	Q	53.5
Central Air-Conditioning	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	77.6	78.5	91.1	90.6	79.6	81.0	77.6	70.3	67.2	77.4	9.3
Not Important	20.1	20.1	Q	Q	Q	19.0	20.5	24.1	Q	Q	31.0
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Refrigerator	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	83.3	87.4	76.4	87.7	77.4	83.9	80.9	88.8	83.1	82.2	4.5
Not Important	14.8	12.6	19.0	Q	17.3	14.7	17.2	10.7	15.7	15.2	23.3
Don't Know	1.8	Q	Q	Q	Q	Q	Q	Q	Q	Q	62.9
Energy Efficiency											
Heating Equipment	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	90.7	97.3	86.5	91.7	90.1	89.5	89.4	89.1	91.2	92.9	4.1
Not Important	6.7	Q	Q	Q	Q	Q	Q	7.4	Q	Q	34.5
Don't Know	2.6	Q	Q	Q	Q	Q	Q	Q	Q	Q	58.7
Water Heater	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	86.5	92.2	97.6	83.4	89.0	87.1	93.7	85.0	86.3	79.6	3.8
Not Important	10.5	Q	Q	Q	Q	8.9	Q	11.7	Q	15.9	27.1
Don't Know	3.0	Q	Q	Q	Q	Q	Q	Q	Q	Q	49.3
Central Air-Conditioning	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	92.2	95.6	94.8	100.0	90.6	93.5	95.7	88.0	87.2	88.5	4.9
Not Important	5.9	Q	Q	Q	Q	Q	Q	Q	Q	Q	48.9
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Refrigerator	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	85.2	80.1	78.6	92.3	81.9	89.5	87.4	81.2	84.7	86.8	4.3
Not Important	12.8	19.9	16.8	Q	16.3	8.7	9.9	16.9	13.7	10.9	26.4
Don't Know	1.9	Q	Q	Q	Q	Q	Q	Q	Q	Q	57.1

See footnotes at end of table.

Table 3.32a. Equipment Purchase by Year of Construction, Million U.S. Households, 1993 (Continued)

Equipment Purchase and Purchase Considerations	Total	Year of Construction									RSE Row Factors
		1991 to 1993 ¹	1988 to 1990	1985 to 1987	1980 to 1984	1970 to 1979	1960 to 1969	1950 to 1959	1940 to 1949	1939 or Before	
RSE Column Factor:	0.4	1.1	1.4	2.0	1.1	0.9	0.9	0.8	1.4	0.8	
Purchase Considerations (Those who selected for new home or purchased new equipment)											
Rebate/Financing											
Heating Equipment	9.8	0.7	0.4	0.1	0.5	1.8	1.6	2.0	0.8	1.9	13.4
Important	2.1	0.1	0.1	Q	0.1	0.4	0.3	0.5	0.2	0.4	26.9
Not Important	7.1	0.6	0.2	0.1	0.4	1.3	1.1	1.4	0.6	1.4	15.5
Don't Know	0.6	Q	Q	Q	Q	Q	Q	Q	Q	Q	46.8
Water Heater	13.5	0.5	0.3	0.5	1.1	2.6	2.2	2.4	1.0	3.0	11.1
Important	2.6	Q	0.1	Q	0.1	0.5	0.4	0.5	0.3	0.6	24.4
Not Important	10.4	0.4	0.2	0.5	0.9	2.0	1.8	1.8	0.7	2.2	13.2
Don't Know	0.5	Q	Q	Q	Q	Q	Q	Q	Q	0.2	46.5
Central Air-Conditioning	5.5	0.6	0.2	0.1	0.5	1.2	1.0	1.1	0.2	0.5	19.5
Important	1.2	0.1	0.1	Q	0.1	0.3	0.2	Q	Q	Q	30.8
Not Important	4.0	0.5	0.1	Q	0.3	0.9	0.7	0.9	Q	0.3	21.1
Don't Know	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	78.1
Reputation of Manufacturer											
Heating Equipment	9.8	0.7	0.4	0.1	0.5	1.8	1.6	2.0	0.8	1.9	13.4
Important	7.4	0.5	0.2	0.1	0.5	1.4	1.2	1.5	0.6	1.3	15.6
Not Important	2.1	0.2	0.1	Q	Q	0.3	0.4	0.4	0.2	0.5	24.5
Don't Know	0.4	Q	Q	Q	Q	Q	Q	Q	Q	Q	48.0
Central Air-Conditioning	5.5	0.6	0.2	0.1	0.5	1.2	1.0	1.1	0.2	0.5	19.5
Important	4.6	0.5	0.2	Q	0.4	1.1	0.8	0.9	0.2	0.4	19.9
Not Important	0.7	0.1	Q	Q	Q	0.1	0.2	0.2	Q	Q	39.5
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Availability											
Water Heater	13.5	0.5	0.3	0.5	1.1	2.6	2.2	2.4	1.0	3.0	11.1
Important	11.6	0.3	0.2	0.4	1.0	2.1	2.0	2.1	0.9	2.5	12.3
Not Important	1.7	0.1	Q	Q	Q	0.4	0.3	0.3	Q	0.4	27.6
Don't Know	0.2	Q	Q	Q	Q	Q	Q	Q	Q	Q	77.9
Refrigerator	14.9	1.5	0.6	0.5	1.2	2.8	2.5	1.9	1.2	2.6	10.5
Important	11.7	1.2	0.4	0.3	0.9	2.3	1.9	1.6	0.9	2.2	12.4
Not Important	2.9	0.3	0.1	0.2	0.3	0.5	0.5	0.3	0.3	0.3	23.0
Don't Know	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	48.8
Size											
Refrigerator	14.9	1.5	0.6	0.5	1.2	2.8	2.5	1.9	1.2	2.6	10.5
Important	13.6	1.4	0.5	0.5	1.0	2.6	2.3	1.7	1.1	2.4	11.1
Not Important	1.1	0.1	Q	Q	Q	0.2	Q	0.2	Q	0.2	35.9
Don't Know	0.2	Q	Q	Q	Q	Q	Q	Q	Q	Q	72.8

¹ Does not include all new construction for 1993.

NF = No applicable RSE row factor.

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

Notes: • "Important" combines responses of "Very Important" and "Somewhat Important." • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • 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, B, C of the 1993 Residential Energy Consumption Survey. (For specific titles of forms, see Appendix D.)

Table 3.32b. Equipment Purchase by Year of Construction, Percent of U.S. Households, 1993 (Continued)

Equipment Purchase and Purchase Considerations	Total	Year of Construction									RSE Row Factors
		1991 to 1993 ¹	1988 to 1990	1985 to 1987	1980 to 1984	1970 to 1979	1960 to 1969	1950 to 1959	1940 to 1949	1939 or Before	
RSE Column Factor:	0.5	1.0	1.3	1.8	1.2	0.8	0.9	0.9	1.4	0.8	
Purchase Considerations (Those who selected for new home or purchased new equipment)											
Rebate/Financing											
Heating Equipment	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	21.8	14.0	28.2	Q	24.9	20.6	20.0	25.9	19.9	22.5	23.6
Not Important	72.5	80.7	62.2	79.8	69.0	76.0	69.8	70.1	75.0	72.3	7.9
Don't Know	5.7	Q	Q	Q	Q	Q	Q	Q	Q	Q	41.6
Water Heater	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	18.9	Q	30.7	Q	13.7	18.3	17.2	22.0	27.1	20.6	22.6
Not Important	77.3	86.3	66.9	94.1	84.6	77.3	82.0	74.2	68.4	73.2	5.5
Don't Know	3.8	Q	Q	Q	Q	Q	Q	Q	Q	6.1	42.3
Central Air-Conditioning	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	22.1	15.9	39.2	Q	27.5	26.9	22.4	Q	Q	Q	26.9
Not Important	72.9	82.7	60.8	Q	64.8	73.1	66.4	82.0	Q	70.9	10.1
Don't Know	5.0	Q	Q	Q	Q	Q	Q	Q	Q	Q	68.2
Reputation of Manufacturer											
Heating Equipment	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	74.9	71.7	54.9	87.9	85.6	82.6	73.1	75.4	76.3	69.1	7.4
Not Important	21.1	24.8	34.3	Q	Q	16.1	23.3	17.8	21.4	26.7	21.5
Don't Know	4.1	Q	Q	Q	Q	Q	Q	Q	Q	Q	43.0
Central Air-Conditioning	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	84.0	82.7	86.6	97.0	89.8	88.5	82.7	77.1	78.4	85.3	7.2
Not Important	13.7	17.3	Q	Q	Q	11.5	17.3	15.5	Q	Q	34.8
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Availability											
Water Heater	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	85.8	72.4	82.5	83.6	93.6	82.0	88.3	88.2	88.1	84.8	4.6
Not Important	12.8	24.5	Q	Q	Q	16.1	11.7	11.5	Q	14.0	25.7
Don't Know	1.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	67.7
Refrigerator	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	78.5	78.8	69.7	67.7	69.4	81.5	75.9	82.0	74.7	85.0	6.0
Not Important	19.2	20.9	24.4	30.8	27.9	16.7	20.7	16.6	21.1	12.7	21.0
Don't Know	2.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	44.9
Size											
Refrigerator	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	91.5	91.8	86.9	96.0	84.7	92.3	95.5	89.7	91.1	91.5	3.0
Not Important	7.1	8.2	Q	Q	Q	6.3	Q	9.4	Q	6.2	35.3
Don't Know	1.4	Q	Q	Q	Q	Q	Q	Q	Q	Q	66.8

¹ Does not include all new construction for 1993.

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

NF = No applicable RSE row factor.

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

Notes: • "Important" combines responses of "Very Important" and "Somewhat Important." • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • 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, B, C of the 1993 Residential Energy Consumption Survey. (For specific titles of forms, see Appendix D.)

Table 3.33a. Equipment Purchase by Type and Ownership of Housing Unit, Million U.S. Households, 1993

Equipment Purchase and Purchase Considerations	Type and Ownership of Housing Unit												RSE Row Factors	
	Total	Single-Family			Multifamily			Mobile Home						
		Total	Own	Rent	Two to Four Units		Five or More Units		Total	Own	Rent			
					Total	Own	Rent	Total				Own		Rent
RSE Column Factor:	0.3	0.3	0.3	1.0	1.4	1.9	1.8	1.4	2.8	1.0	1.0	1.1	2.2	
Total	96.6	66.8	55.8	11.0	8.0	1.5	6.5	16.2	1.6	14.7	5.6	4.4	1.2	5.8
Main Heating System Purchased After January 1, 1990														
No	83.6	55.3	44.7	10.6	7.6	1.2	6.4	16.0	1.4	14.6	4.7	3.6	1.1	6.0
Yes	13.0	11.5	11.1	0.4	0.4	0.3	0.1	0.3	Q	Q	0.8	0.8	Q	18.3
Came with Home Purchase	4.2	3.8	3.8	Q	Q	Q	Q	Q	Q	Q	0.4	0.4	Q	29.7
Household Selected	1.0	1.0	1.0	Q	Q	Q	Q	Q	Q	Q	0.1	0.1	Q	34.8
Standard with New Home	3.2	2.8	2.8	Q	Q	Q	Q	Q	Q	Q	0.3	0.3	Q	34.1
Purchased Replacement	8.8	7.7	7.3	0.4	0.3	0.2	0.1	0.3	Q	Q	0.4	0.4	Q	19.4
Water Heater Purchased After January 1, 1990														
No	79.6	51.6	41.2	10.3	7.6	1.3	6.3	16.0	1.3	14.6	4.5	3.4	1.1	6.1
Yes	17.0	15.2	14.5	0.7	0.4	0.2	0.2	0.3	0.2	Q	1.1	1.0	Q	16.0
Came with Home Purchase	4.2	3.7	3.7	Q	Q	Q	Q	Q	Q	Q	0.4	0.4	Q	31.1
Household Selected	0.7	0.7	0.7	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	44.4
Standard with New Home	3.5	3.1	3.1	Q	Q	Q	Q	Q	Q	Q	0.4	0.4	Q	33.5
Purchased Replacement	12.8	11.5	10.8	0.7	0.4	0.2	0.2	0.2	0.2	Q	0.7	0.6	Q	17.2
Central Air-Conditioning Equipment Purchased After January 1, 1990														
No	88.5	59.5	48.5	10.9	7.9	1.4	6.5	16.1	1.4	14.7	5.0	3.9	1.2	5.9
Yes	8.1	7.3	7.2	Q	Q	Q	Q	Q	Q	Q	0.5	0.5	Q	22.1
Came with Home Purchase	3.3	2.9	2.9	Q	Q	Q	Q	Q	Q	Q	0.3	0.3	Q	34.4
Household Selected	0.6	0.5	0.5	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	60.6
Standard with New Home	2.7	2.4	2.4	Q	Q	Q	Q	Q	Q	Q	0.3	0.3	Q	37.5
Purchased Replacement	4.9	4.5	4.3	Q	Q	Q	Q	Q	Q	Q	0.2	0.2	Q	28.3
Replaced Central Unit	2.4	2.1	2.1	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	33.8
Replaced Window Unit	0.9	0.9	0.8	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	65.0
New Additional Unit	0.3	0.3	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	90.3
No Equipment Before	1.3	1.2	1.2	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	52.9
Refrigerator Purchased After January 1, 1990														
No	80.4	53.2	43.7	9.6	7.4	1.2	6.1	15.1	1.3	13.9	4.7	3.5	1.1	6.2
Yes	16.2	13.6	12.1	1.5	0.6	0.2	0.4	1.1	0.3	0.8	0.9	0.9	Q	13.4
Came with Home Purchase	2.7	2.2	2.1	0.1	Q	Q	Q	0.1	Q	Q	0.3	0.3	Q	31.1
Household Selected	1.4	1.3	1.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	54.6
Standard with New Home	1.4	0.9	0.8	Q	Q	Q	Q	0.1	Q	Q	0.3	0.3	Q	33.4
Purchased Replacement	13.5	11.4	10.0	1.4	0.6	0.2	0.4	1.0	0.2	0.8	0.5	0.5	Q	14.6

See footnotes at end of table.

Table 3.33b. Equipment Purchase by Type and Ownership of Housing Unit, Percent of U.S. Households, 1993

Equipment Purchase and Purchase Considerations	Type and Ownership of Housing Unit												RSE Row Factors	
	Total	Single-Family			Multifamily			Mobile Home						
		Total	Own	Rent	Two to Four Units		Five or More Units		Total	Own	Rent			
					Total	Own	Rent	Total				Own		Rent
RSE Column Factor:	0.3	0.3	0.3	1.1	1.4	1.7	1.8	1.8	2.6	1.7	1.0	1.0	0.9	
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0
Main Heating System Purchased After January 1, 1990														
No	86.5	82.8	80.1	96.3	95.0	81.4	98.2	98.2	88.1	99.3	84.9	82.1	95.4	2.4
Yes	13.5	17.2	19.9	3.7	5.0	18.6	1.8	1.8	Q	Q	15.1	17.9	Q	16.3
Came with Home Purchase	4.4	5.6	6.7	Q	Q	Q	Q	Q	Q	Q	7.2	9.1	Q	27.3
Household Selected	1.1	1.4	1.7	Q	Q	Q	Q	Q	Q	Q	1.5	1.9	Q	33.1
Standard with New Home	3.3	4.2	5.0	Q	Q	Q	Q	Q	Q	Q	5.7	7.2	Q	31.4
Purchased Replacement	9.1	11.6	13.1	3.7	4.3	15.2	1.8	1.7	Q	Q	7.9	8.8	Q	17.7
Water Heater Purchased After January 1, 1990														
No	82.4	77.2	73.9	93.6	94.6	85.0	96.8	98.4	86.5	99.7	80.5	76.2	96.7	2.0
Yes	17.6	22.8	26.1	6.4	5.4	15.0	3.2	1.6	13.5	Q	19.5	23.8	Q	14.2
Came with Home Purchase	4.4	5.6	6.7	Q	Q	Q	Q	Q	Q	Q	7.4	9.4	Q	28.5
Household Selected	0.7	1.0	1.2	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	39.9
Standard with New Home	3.7	4.6	5.5	Q	Q	Q	Q	Q	Q	Q	7.3	9.2	Q	30.8
Purchased Replacement	13.2	17.2	19.4	6.4	5.0	12.9	3.2	1.4	11.2	Q	12.1	14.5	Q	15.6
Central Air-Conditioning Equipment Purchased After January 1, 1990														
No	91.6	89.0	87.1	98.8	98.9	95.3	99.7	99.1	90.5	100.0	90.2	87.6	100.0	2.0
Yes	8.4	11.0	12.9	Q	Q	Q	Q	Q	Q	Q	9.8	12.4	Q	20.2
Came with Home Purchase	3.4	4.3	5.2	Q	Q	Q	Q	Q	Q	Q	6.0	7.7	Q	32.0
Household Selected	0.6	0.8	1.0	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	54.9
Standard with New Home	2.8	3.5	4.2	Q	Q	Q	Q	Q	Q	Q	5.0	6.4	Q	35.2
Purchased Replacement	5.0	6.7	7.8	Q	Q	Q	Q	Q	Q	Q	3.7	4.7	Q	26.4
Replaced Central Unit	2.5	3.2	3.8	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	30.4
Replaced Window Unit	1.0	1.3	1.4	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	58.9
New Additional Unit	0.3	0.4	0.5	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	82.2
No Equipment Before	1.3	1.8	2.1	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	47.9
Refrigerator Purchased After January 1, 1990														
No	83.2	79.7	78.3	86.5	91.9	83.4	93.9	93.2	81.8	94.4	84.0	80.5	97.2	2.2
Yes	16.8	20.3	21.7	13.5	8.1	16.6	6.1	6.8	18.2	5.6	16.0	19.5	Q	11.8
Came with Home Purchase	2.8	3.3	3.8	1.0	Q	Q	Q	0.7	Q	Q	6.2	7.9	Q	28.3
Household Selected	1.4	2.0	2.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	49.0
Standard with New Home	1.4	1.4	1.5	Q	Q	Q	Q	0.6	Q	Q	5.5	6.9	Q	30.8
Purchased Replacement	14.0	17.0	17.9	12.5	7.5	15.1	5.8	6.1	15.2	5.2	9.8	11.6	Q	12.9

See footnotes at end of table.

Table 3.33a. Equipment Purchase by Type and Ownership of Housing Unit, Million U.S. Households, 1993 (Continued)

Equipment Purchase and Purchase Considerations	Type and Ownership of Housing Unit												RSE Row Factors	
	Total	Single-Family			Multifamily						Mobile Home			
		Total	Own	Rent	Two to Four Units			Five or More Units			Total	Own		Rent
					Total	Own	Rent	Total	Own	Rent				
RSE Column Factor:	0.3	0.3	0.3	1.0	1.4	1.9	1.8	1.4	2.8	1.0	1.0	1.1	2.2	
Purchase Considerations (Those who selected for new home or purchased new equipment)														
Price														
Heating Equipment	9.8	8.7	8.3	0.4	0.3	0.2	0.1	0.3	Q	Q	0.5	0.5	Q	18.4
Important	7.3	6.4	6.1	0.3	0.3	0.2	Q	Q	Q	Q	0.5	0.4	Q	21.1
Not Important	2.3	2.1	2.0	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	30.1
Don't Know	0.2	0.2	0.1	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	109.6
Water Heater	13.5	12.2	11.5	0.7	0.4	0.2	0.2	0.2	0.2	Q	0.7	0.6	Q	17.0
Important	9.5	8.7	8.2	0.5	0.3	Q	Q	Q	Q	Q	0.4	0.4	Q	18.2
Not Important	3.7	3.2	3.1	0.1	Q	Q	Q	Q	Q	Q	0.3	0.3	Q	29.1
Don't Know	0.3	0.3	0.2	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	89.3
Central Air-Conditioning	5.5	5.0	4.9	Q	Q	Q	Q	Q	Q	Q	0.3	0.3	Q	26.0
Important	4.2	3.8	3.7	Q	Q	Q	Q	Q	Q	Q	0.2	0.2	Q	25.4
Not Important	1.1	1.1	1.0	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	53.8
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Refrigerator	14.9	12.7	11.3	1.4	0.6	0.2	0.4	1.0	0.2	0.8	0.6	0.6	Q	14.3
Important	12.4	10.7	9.5	1.2	0.5	0.2	0.3	0.7	0.2	0.5	0.5	0.4	Q	16.4
Not Important	2.2	1.8	1.7	Q	Q	Q	Q	0.2	Q	Q	0.1	0.1	Q	35.4
Don't Know	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	102.7
Energy Efficiency														
Heating Equipment	9.8	8.7	8.3	0.4	0.3	0.2	0.1	0.3	Q	Q	0.5	0.5	Q	18.4
Important	8.9	8.0	7.7	0.3	0.3	0.2	Q	0.2	Q	Q	0.4	0.4	Q	20.4
Not Important	0.7	0.5	0.4	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	60.0
Don't Know	0.3	0.2	0.1	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	112.1
Water Heater	13.5	12.2	11.5	0.7	0.4	0.2	0.2	0.2	0.2	Q	0.7	0.6	Q	17.0
Important	11.7	10.6	10.1	0.5	0.3	0.2	Q	0.2	Q	Q	0.6	0.5	Q	18.0
Not Important	1.4	1.2	1.1	Q	Q	Q	Q	Q	Q	Q	0.1	0.1	Q	39.4
Don't Know	0.4	0.3	0.2	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	89.0
Central Air-Conditioning	5.5	5.0	4.9	Q	Q	Q	Q	Q	Q	Q	0.3	0.3	Q	26.0
Important	5.0	4.6	4.5	Q	Q	Q	Q	Q	Q	Q	0.2	0.2	Q	26.1
Not Important	0.3	0.3	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	85.9
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Refrigerator	14.9	12.7	11.3	1.4	0.6	0.2	0.4	1.0	0.2	0.8	0.6	0.6	Q	14.3
Important	12.7	11.0	9.8	1.2	0.5	0.2	0.3	0.7	0.2	0.5	0.4	0.4	Q	15.3
Not Important	1.9	1.6	1.4	0.2	Q	Q	Q	Q	Q	Q	0.1	0.1	Q	36.8
Don't Know	0.3	Q	Q	Q	Q	Q	Q	0.1	Q	0.1	Q	Q	Q	45.0

See footnotes at end of table.

Table 3.33b. Equipment Purchase by Type and Ownership of Housing Unit, Percent of U.S. Households, 1993 (Continued)

Equipment Purchase and Purchase Considerations	Type and Ownership of Housing Unit												RSE Row Factors	
	Total	Single-Family			Multifamily			Mobile Home						
		Total	Own	Rent	Two to Four Units		Five or More Units		Total	Own	Rent			
					Total	Own	Rent	Total				Own		Rent
RSE Column Factor:	0.3	0.3	0.3	1.1	1.4	1.7	1.8	1.8	2.6	1.7	1.0	1.0	0.9	
Purchase Considerations (Those who selected for new home or purchased new equipment)														
Price														
Heating Equipment	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	Q	Q	100.0	100.0	Q	NE
Important	74.0	73.8	74.3	64.0	73.8	84.1	Q	Q	Q	Q	85.7	87.6	Q	9.2
Not Important	23.7	24.3	24.1	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	24.6
Don't Know	2.4	1.9	1.6	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	99.4
Water Heater	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	Q	Q	100.0	100.0	Q	NE
Important	70.8	71.4	71.1	76.3	70.8	Q	Q	Q	Q	Q	63.2	61.0	Q	10.0
Not Important	27.1	26.5	27.1	16.4	Q	Q	Q	Q	Q	Q	36.8	39.0	Q	23.1
Don't Know	2.1	2.1	1.7	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	80.1
Central Air-Conditioning	100.0	100.0	100.0	Q	Q	Q	Q	Q	Q	Q	100.0	100.0	Q	NE
Important	77.6	76.2	76.5	Q	Q	Q	Q	Q	Q	Q	92.2	92.2	Q	8.9
Not Important	20.1	21.2	21.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	38.4
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Refrigerator	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	Q	NE
Important	83.3	84.8	84.6	86.6	78.2	85.1	73.8	70.7	81.2	67.5	78.4	79.6	Q	7.1
Not Important	14.8	14.3	14.9	Q	Q	Q	Q	18.0	Q	Q	19.2	20.4	Q	31.2
Don't Know	1.8	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	95.4
Energy Efficiency														
Heating Equipment	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	Q	Q	100.0	100.0	Q	NE
Important	90.7	92.5	93.3	76.9	81.9	93.3	Q	66.0	Q	Q	79.5	80.7	Q	6.8
Not Important	6.7	5.6	5.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	55.6
Don't Know	2.6	1.9	1.4	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	102.2
Water Heater	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	Q	100.0	100.0	Q	NE
Important	86.5	87.2	88.3	69.1	83.5	95.6	Q	71.6	Q	Q	81.3	80.2	Q	6.4
Not Important	10.5	10.1	9.9	Q	Q	Q	Q	Q	Q	Q	18.7	19.8	Q	36.1
Don't Know	3.0	2.8	1.8	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	79.5
Central Air-Conditioning	100.0	100.0	100.0	Q	Q	Q	Q	Q	Q	Q	100.0	100.0	Q	NE
Important	92.2	92.5	92.7	Q	Q	Q	Q	Q	Q	Q	93.2	93.2	Q	6.2
Not Important	5.9	5.5	5.6	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	74.8
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Refrigerator	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	Q	NE
Important	85.2	86.7	87.0	84.1	86.9	93.1	83.0	70.8	83.4	66.9	76.5	79.0	Q	6.2
Not Important	12.8	12.5	12.3	13.7	Q	Q	Q	Q	Q	Q	21.1	21.0	Q	32.3
Don't Know	1.9	Q	Q	Q	Q	Q	Q	14.0	Q	18.3	Q	Q	Q	34.3

See footnotes at end of table.

Table 3.33a. Equipment Purchase by Type and Ownership of Housing Unit, Million U.S. Households, 1993 (Continued)

Equipment Purchase and Purchase Considerations	Type and Ownership of Housing Unit												RSE Row Factors	
	Total	Single-Family			Multifamily			Mobile Home						
		Total	Own	Rent	Two to Four Units		Five or More Units		Total	Own	Rent			
					Total	Own	Rent	Total				Own		Rent
Total	Own	Rent	Total	Own	Rent	Total	Own	Rent	Total	Own	Rent			
RSE Column Factor:	0.3	0.3	0.3	1.0	1.4	1.9	1.8	1.4	2.8	1.0	1.0	1.1	2.2	
Purchase Considerations (Those who selected for new home or purchased new equipment)														
Rebate/Financing														
Heating Equipment	9.8	8.7	8.3	0.4	0.3	0.2	0.1	0.3	Q	Q	0.5	0.5	Q	18.4
Important	2.1	1.9	1.9	Q	Q	Q	Q	Q	Q	Q	0.1	0.1	Q	33.5
Not Important	7.1	6.4	6.2	0.2	0.2	Q	Q	0.2	Q	Q	0.3	0.3	Q	21.2
Don't Know	0.6	0.4	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	76.8
Water Heater	13.5	12.2	11.5	0.7	0.4	0.2	0.2	0.2	0.2	Q	0.7	0.6	Q	17.0
Important	2.6	2.2	2.1	0.1	Q	Q	Q	Q	Q	Q	0.2	0.2	Q	34.4
Not Important	10.4	9.5	9.1	0.5	0.2	Q	Q	0.2	Q	Q	0.5	0.5	Q	20.5
Don't Know	0.5	0.5	0.4	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	88.5
Central Air-Conditioning	5.5	5.0	4.9	Q	Q	Q	Q	Q	Q	Q	0.3	0.3	Q	26.0
Important	1.2	1.1	1.1	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	43.4
Not Important	4.0	3.6	3.6	Q	Q	Q	Q	Q	Q	Q	0.2	0.2	Q	28.8
Don't Know	0.3	0.3	0.2	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	115.2
Reputation of Manufacturer														
Heating Equipment	9.8	8.7	8.3	0.4	0.3	0.2	0.1	0.3	Q	Q	0.5	0.5	Q	18.4
Important	7.4	6.7	6.5	Q	0.2	Q	Q	0.2	Q	Q	0.3	0.3	Q	22.5
Not Important	2.1	1.7	1.6	0.2	Q	Q	Q	Q	Q	Q	0.2	0.2	Q	30.2
Don't Know	0.4	0.3	0.2	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	85.3
Central Air-Conditioning	5.5	5.0	4.9	Q	Q	Q	Q	Q	Q	Q	0.3	0.3	Q	26.0
Important	4.6	4.2	4.1	Q	Q	Q	Q	Q	Q	Q	0.2	0.2	Q	28.4
Not Important	0.7	0.6	0.6	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	58.7
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Availability														
Water Heater	13.5	12.2	11.5	0.7	0.4	0.2	0.2	0.2	0.2	Q	0.7	0.6	Q	17.0
Important	11.6	10.5	9.8	0.6	0.4	0.2	Q	0.2	Q	Q	0.6	0.6	Q	17.9
Not Important	1.7	1.6	1.5	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	38.0
Don't Know	0.2	0.2	0.1	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	113.4
Refrigerator	14.9	12.7	11.3	1.4	0.6	0.2	0.4	1.0	0.2	0.8	0.6	0.6	Q	14.3
Important	11.7	10.2	9.1	1.1	0.4	0.1	0.2	0.7	Q	0.5	0.5	0.5	Q	15.9
Not Important	2.9	2.3	2.1	0.2	0.2	Q	Q	Q	Q	Q	0.1	0.1	Q	31.4
Don't Know	0.3	0.1	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	92.0
Size														
Refrigerator	14.9	12.7	11.3	1.4	0.6	0.2	0.4	1.0	0.2	0.8	0.6	0.6	Q	14.3
Important	13.6	11.8	10.5	1.3	0.5	0.2	0.3	0.8	0.2	0.6	0.5	0.5	Q	15.0
Not Important	1.1	0.8	0.7	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	50.9
Don't Know	0.2	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	108.5

NF = No applicable RSE row factor.

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

Notes: • "Important" combines responses of "Very Important" and "Somewhat Important." • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • 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, B, C of the 1993 Residential Energy Consumption Survey. (For specific titles of forms, see Appendix D.)

Table 3.33b. Equipment Purchase by Type and Ownership of Housing Unit, Percent of U.S. Households, 1993 (Continued)

Equipment Purchase and Purchase Considerations	Type and Ownership of Housing Unit												RSE Row Factors	
	Total	Single-Family			Multifamily			Mobile Home						
		Total	Own	Rent	Two to Four Units		Five or More Units		Total	Own	Rent			
					Total	Own	Rent	Total				Own		Rent
Total	Own	Rent	Total	Own	Rent	Total	Own	Rent	Total	Own	Rent			
RSE Column Factor:	0.3	0.3	0.3	1.1	1.4	1.7	1.8	1.8	2.6	1.7	1.0	1.0	0.9	
Purchase Considerations (Those who selected for new home or purchased new equipment)														
Rebate/Financing														
Heating Equipment	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	Q	Q	100.0	100.0	Q	NE
Important	21.8	21.8	22.6	Q	Q	Q	Q	Q	Q	Q	22.1	21.7	Q	29.4
Not Important	72.5	73.5	74.4	56.6	50.8	Q	Q	84.9	Q	Q	62.1	60.7	Q	12.1
Don't Know	5.7	4.6	3.1	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	69.7
Water Heater	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	Q	100.0	100.0	Q	NE
Important	18.9	17.9	17.9	18.8	Q	Q	Q	Q	Q	Q	26.9	25.8	Q	31.4
Not Important	77.3	78.3	79.0	66.6	49.5	Q	Q	82.8	Q	Q	73.1	74.2	Q	10.5
Don't Know	3.8	3.8	3.1	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	78.5
Central Air-Conditioning	100.0	100.0	100.0	Q	Q	Q	Q	Q	Q	Q	100.0	100.0	Q	NE
Important	22.1	22.5	23.1	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	34.1
Not Important	72.9	72.3	73.7	Q	Q	Q	Q	Q	Q	Q	74.5	74.5	Q	12.6
Don't Know	5.0	5.2	3.2	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	102.3
Reputation of Manufacturer														
Heating Equipment	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	Q	Q	100.0	100.0	Q	NE
Important	74.9	76.9	78.5	Q	54.7	Q	Q	70.9	Q	Q	57.2	58.3	Q	11.6
Not Important	21.1	20.1	19.2	38.6	Q	Q	Q	Q	Q	Q	35.3	33.4	Q	27.2
Don't Know	4.1	3.0	2.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	78.0
Central Air-Conditioning	100.0	100.0	100.0	Q	Q	Q	Q	Q	Q	Q	100.0	100.0	Q	NE
Important	84.0	84.6	84.6	Q	Q	Q	Q	Q	Q	Q	72.9	72.9	Q	10.5
Not Important	13.7	12.9	13.1	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	50.6
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Availability														
Water Heater	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	Q	100.0	100.0	Q	NE
Important	85.8	85.8	85.8	86.4	89.5	89.5	Q	73.2	Q	Q	88.6	87.9	Q	6.3
Not Important	12.8	12.7	13.0	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	34.8
Don't Know	1.3	1.5	1.2	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	101.1
Refrigerator	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	Q	NE
Important	78.5	80.5	80.5	81.1	57.2	52.0	60.4	65.7	Q	65.9	78.7	82.1	Q	8.3
Not Important	19.2	18.3	18.7	15.8	38.1	Q	Q	Q	Q	Q	14.4	15.3	Q	26.3
Don't Know	2.3	1.1	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	84.6
Size														
Refrigerator	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	Q	NE
Important	91.5	93.2	93.5	90.9	86.6	93.1	82.5	79.3	100.0	72.9	80.4	83.9	Q	4.8
Not Important	7.1	6.4	6.2	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	47.1
Don't Know	1.4	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	101.2

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

NF = No applicable RSE row factor.

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

Notes: • "Important" combines responses of "Very Important" and "Somewhat Important." • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • 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, B, C of the 1993 Residential Energy Consumption Survey. (For specific titles of forms, see Appendix D.)

Table 3.34a. Equipment Purchase by Family Income, Million U.S. Households, 1993

Equipment Purchase and Purchase Considerations	Total	1993 Family Income							Below Poverty Line		Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or More	100 Percent	125 Percent		
RSE Column Factor:	0.4	2.2	1.6	1.2	0.9	0.9	0.8	0.7	1.3	1.1	0.8	
Total	96.6	4.1	10.6	11.1	18.4	14.1	17.5	21.0	14.4	19.4	30.7	3.4
Main Heating System Purchased After January 1, 1990												
No	83.6	4.0	9.8	10.2	16.5	11.9	14.5	16.9	13.4	17.9	28.2	3.6
Yes	13.0	0.1	0.8	1.0	1.9	2.2	3.0	4.0	1.0	1.4	2.5	11.6
Came with Home Purchase	4.2	Q	0.1	0.2	0.5	0.7	1.2	1.5	0.2	0.2	0.4	20.6
Household Selected	1.0	Q	Q	Q	0.2	0.2	0.3	0.3	Q	Q	0.1	27.5
Standard with New Home	3.2	Q	0.1	0.1	0.3	0.5	0.9	1.2	0.1	0.2	0.3	23.5
Purchased Replacement	8.8	Q	0.7	0.8	1.5	1.5	1.8	2.5	0.8	1.2	2.1	12.1
Water Heater Purchased After January 1, 1990												
No	79.6	3.7	9.6	9.6	15.6	11.2	13.8	15.9	13.1	17.3	27.2	3.8
Yes	17.0	0.3	1.0	1.5	2.7	2.8	3.6	5.0	1.3	2.1	3.5	10.0
Came with Home Purchase	4.2	Q	Q	0.2	0.5	0.7	1.3	1.4	0.2	0.2	0.4	20.0
Household Selected	0.7	Q	Q	Q	0.1	0.1	0.2	0.2	Q	Q	0.1	34.9
Standard with New Home	3.5	Q	Q	0.2	0.4	0.6	1.1	1.2	0.1	0.2	0.3	22.0
Purchased Replacement	12.8	0.3	1.0	1.2	2.2	2.1	2.3	3.6	1.1	1.8	3.1	10.9
Central Air-Conditioning Equipment Purchased After January 1, 1990												
No	88.5	4.0	10.3	10.8	17.3	12.6	15.5	18.0	14.2	19.1	29.8	3.4
Yes	8.1	Q	0.2	0.4	1.0	1.4	2.0	3.0	0.2	0.3	0.8	17.0
Came with Home Purchase	3.3	Q	Q	0.1	0.4	0.5	1.0	1.2	0.1	0.1	0.2	22.7
Household Selected	0.6	Q	Q	Q	0.1	Q	0.1	0.3	Q	Q	Q	34.9
Standard with New Home	2.7	Q	Q	0.1	0.2	0.5	0.9	0.9	Q	0.1	0.2	24.8
Purchased Replacement	4.9	Q	0.2	0.2	0.7	0.9	1.0	1.8	0.1	0.2	0.6	21.4
Replaced Central Unit	2.4	Q	Q	Q	0.3	0.4	0.5	1.0	Q	Q	0.2	25.9
Replaced Window Unit	0.9	Q	Q	Q	Q	Q	Q	0.3	Q	Q	Q	41.6
New Additional Unit	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	58.8
No Equipment Before	1.3	Q	Q	Q	0.2	0.3	0.3	0.4	Q	Q	0.2	35.2
Refrigerator Purchased After January 1, 1990												
No	80.4	3.6	9.8	9.8	15.7	11.6	13.7	16.3	12.9	17.1	26.9	3.5
Yes	16.2	0.4	0.8	1.4	2.7	2.4	3.8	4.7	1.5	2.2	3.8	8.9
Came with Home Purchase	2.7	Q	Q	0.2	0.4	0.5	0.8	0.8	0.1	0.2	0.3	22.5
Household Selected	1.4	Q	Q	Q	0.1	0.2	0.4	0.5	Q	0.1	0.1	35.0
Standard with New Home	1.4	Q	Q	0.1	0.2	0.3	0.4	0.3	0.1	0.1	0.2	27.4
Purchased Replacement	13.5	0.4	0.8	1.2	2.3	2.0	3.0	3.9	1.4	2.0	3.5	9.7

See footnotes at end of table.

Table 3.34b. Equipment Purchase by Family Income, Percent of U.S. Households, 1993

Equipment Purchase and Purchase Considerations	Total	1993 Family Income							Below Poverty Line		Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or More	100 Percent	125 Percent		
RSE Column Factor:	0.4	2.1	1.6	1.3	0.9	0.9	0.7	0.7	1.3	1.1	0.9	
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0
Main Heating System Purchased After January 1, 1990												
No	86.5	97.4	92.4	91.4	89.6	84.4	82.9	80.7	93.3	92.5	91.9	1.2
Yes	13.5	2.6	7.6	8.6	10.4	15.6	17.1	19.3	6.7	7.5	8.1	11.2
Came with Home Purchase	4.4	Q	1.0	1.4	2.5	5.1	7.1	7.2	1.1	1.2	1.2	20.6
Household Selected	1.1	Q	Q	Q	1.0	1.2	1.8	1.5	Q	Q	0.2	27.4
Standard with New Home	3.3	Q	0.9	1.1	1.5	3.9	5.3	5.7	1.0	1.0	1.0	23.4
Purchased Replacement	9.1	Q	6.7	7.2	7.9	10.5	10.1	12.0	5.6	6.3	6.9	11.6
Water Heater Purchased After January 1, 1990												
No	82.4	92.2	90.4	86.7	85.1	80.1	79.3	75.9	90.9	89.3	88.5	1.5
Yes	17.6	7.8	9.6	13.3	14.9	19.9	20.7	24.1	9.1	10.7	11.5	9.7
Came with Home Purchase	4.4	Q	Q	2.1	2.8	4.8	7.3	6.8	1.2	1.2	1.3	19.9
Household Selected	0.7	Q	Q	Q	0.7	0.6	1.3	1.0	Q	Q	0.2	34.8
Standard with New Home	3.7	Q	Q	1.9	2.1	4.2	6.1	5.8	1.0	1.0	1.1	21.9
Purchased Replacement	13.2	7.0	9.2	11.2	12.1	15.1	13.4	17.2	7.9	9.5	10.1	10.6
Central Air-Conditioning Equipment Purchased After January 1, 1990												
No	91.6	98.7	97.7	96.9	94.4	89.8	88.5	85.6	98.6	98.6	97.3	1.8
Yes	8.4	Q	2.3	3.1	5.6	10.2	11.5	14.4	1.4	1.4	2.7	16.4
Came with Home Purchase	3.4	Q	Q	1.0	2.0	3.8	5.8	5.6	0.6	0.6	0.7	22.4
Household Selected	0.6	Q	Q	Q	0.7	Q	0.6	1.2	Q	Q	Q	34.9
Standard with New Home	2.8	Q	Q	0.8	1.3	3.3	5.2	4.4	Q	0.5	0.6	24.6
Purchased Replacement	5.0	Q	2.0	2.1	3.6	6.4	5.6	8.8	0.8	0.8	2.0	20.8
Replaced Central Unit	2.5	Q	Q	Q	1.6	3.0	2.6	4.8	Q	Q	0.8	25.4
Replaced Window Unit	1.0	Q	Q	Q	Q	Q	Q	1.6	Q	Q	Q	41.2
New Additional Unit	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	56.7
No Equipment Before	1.3	Q	Q	Q	1.0	1.9	1.5	2.0	Q	Q	0.5	34.9
Refrigerator Purchased After January 1, 1990												
No	83.2	89.3	92.3	87.8	85.4	82.6	78.4	77.6	89.6	88.4	87.6	1.3
Yes	16.8	10.7	7.7	12.2	14.6	17.4	21.6	22.4	10.4	11.6	12.4	8.0
Came with Home Purchase	2.8	Q	Q	1.5	2.0	3.4	4.6	4.0	0.8	1.1	1.1	22.2
Household Selected	1.4	Q	Q	Q	0.7	1.5	2.5	2.4	Q	0.5	0.4	34.9
Standard with New Home	1.4	Q	Q	0.8	1.2	1.9	2.2	1.6	0.6	0.5	0.7	26.9
Purchased Replacement	14.0	9.4	7.4	10.8	12.7	14.0	17.0	18.4	9.6	10.5	11.3	8.9

See footnotes at end of table.

Table 3.34a. Equipment Purchase by Family Income, Million U.S. Households, 1993 (Continued)

Equipment Purchase and Purchase Considerations	Total	1993 Family Income							Below Poverty Line		Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or More	100 Per-cent	125 Per-cent		
		0.4	2.2	1.6	1.2	0.9	0.9	0.8	0.7	1.3		
Purchase Considerations (Those who selected for new home or purchased new equipment)												
Price												
Heating Equipment	9.8	Q	0.7	0.8	1.6	1.6	2.1	2.8	0.8	1.3	2.2	11.4
Important	7.3	Q	0.6	0.6	1.2	1.2	1.5	2.1	0.6	1.0	1.7	13.4
Not Important	2.3	Q	Q	0.2	0.3	0.4	0.6	0.7	0.1	0.2	0.5	24.8
Don't Know	0.2	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	66.7
Water Heater	13.5	0.3	1.0	1.3	2.4	2.2	2.6	3.8	1.2	1.9	3.2	10.6
Important	9.5	0.2	0.7	0.9	1.8	1.6	1.9	2.5	0.8	1.4	2.4	12.0
Not Important	3.7	Q	0.3	0.3	0.5	0.6	0.6	1.2	0.3	0.4	0.7	20.1
Don't Know	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	60.2
Central Air-Conditioning	5.5	Q	0.2	0.3	0.8	1.0	1.1	2.1	0.1	0.2	0.7	19.8
Important	4.2	Q	Q	0.2	0.6	0.7	0.9	1.7	Q	0.1	0.5	20.0
Not Important	1.1	Q	Q	Q	0.2	0.2	0.2	0.4	Q	Q	0.2	36.0
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Refrigerator	14.9	0.4	0.8	1.3	2.5	2.2	3.4	4.4	1.4	2.1	3.6	9.3
Important	12.4	0.4	0.6	1.1	2.0	1.8	2.9	3.6	1.2	1.8	3.1	10.4
Not Important	2.2	Q	0.2	Q	0.4	0.4	0.4	0.7	0.2	0.3	0.4	24.4
Don't Know	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	67.8
Energy Efficiency												
Heating Equipment	9.8	Q	0.7	0.8	1.6	1.6	2.1	2.8	0.8	1.3	2.2	11.4
Important	8.9	Q	0.6	0.7	1.5	1.5	2.0	2.6	0.6	1.0	1.9	12.5
Not Important	0.7	Q	Q	Q	0.1	Q	Q	0.2	0.1	0.1	0.2	37.2
Don't Know	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.1	51.7
Water Heater	13.5	0.3	1.0	1.3	2.4	2.2	2.6	3.8	1.2	1.9	3.2	10.6
Important	11.7	0.2	0.8	1.0	2.1	2.0	2.2	3.4	0.8	1.5	2.6	11.6
Not Important	1.4	Q	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	26.0
Don't Know	0.4	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.1	49.5
Central Air-Conditioning	5.5	Q	0.2	0.3	0.8	1.0	1.1	2.1	0.1	0.2	0.7	19.8
Important	5.0	Q	0.2	0.2	0.7	0.9	1.1	1.9	0.1	0.1	0.6	20.9
Not Important	0.3	Q	Q	Q	Q	Q	Q	0.2	Q	Q	Q	57.5
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Refrigerator	14.9	0.4	0.8	1.3	2.5	2.2	3.4	4.4	1.4	2.1	3.6	9.3
Important	12.7	0.4	0.5	1.0	2.1	1.9	3.0	3.9	1.1	1.7	2.9	10.2
Not Important	1.9	Q	0.2	0.2	0.3	0.3	0.4	0.5	0.2	0.3	0.6	25.6
Don't Know	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.1	50.6

See footnotes at end of table.

Table 3.34b. Equipment Purchase by Family Income, Percent of U.S. Households, 1993 (Continued)

Equipment Purchase and Purchase Considerations	Total	1993 Family Income							Below Poverty Line		Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or More	100 Percent	125 Percent		
		0.4	2.1	1.6	1.3	0.9	0.9	0.7	0.7	1.3		
Purchase Considerations (Those who selected for new home or purchased new equipment)												
Price												
Heating Equipment	100.0	Q	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	74.0	Q	88.8	72.3	75.9	72.6	70.5	73.1	78.9	81.9	76.0	6.4
Not Important	23.7	Q	Q	25.4	18.0	26.7	28.4	24.7	17.9	16.0	20.7	22.4
Don't Know	2.4	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	63.9
Water Heater	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	70.8	71.3	68.5	69.7	77.4	70.5	73.4	66.0	72.0	73.4	75.2	6.5
Not Important	27.1	Q	29.3	26.2	19.7	28.6	24.1	32.6	26.1	23.8	21.7	17.0
Don't Know	2.1	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	57.3
Central Air-Conditioning	100.0	Q	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	77.6	Q	Q	88.3	69.8	69.2	82.4	80.2	Q	77.5	74.7	10.3
Not Important	20.1	Q	Q	Q	24.2	25.0	16.2	19.4	Q	Q	24.0	31.4
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Refrigerator	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	83.3	91.2	72.8	87.3	82.6	81.8	86.6	82.1	82.1	84.7	85.6	4.2
Not Important	14.8	Q	20.5	Q	14.9	16.9	12.2	17.0	12.8	12.0	11.3	23.0
Don't Know	1.8	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	67.4
Energy Efficiency												
Heating Equipment	100.0	Q	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	90.7	Q	88.7	82.2	88.7	89.5	96.1	92.3	77.0	82.2	84.9	4.2
Not Important	6.7	Q	Q	Q	6.0	Q	Q	6.4	16.4	11.7	9.8	36.0
Don't Know	2.6	Q	Q	Q	Q	Q	Q	Q	Q	Q	5.4	49.9
Water Heater	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	86.5	60.5	77.7	81.0	87.5	89.3	87.6	89.6	73.2	79.8	82.4	4.7
Not Important	10.5	Q	18.7	11.9	8.8	9.3	9.6	8.2	22.3	15.7	12.9	25.5
Don't Know	3.0	Q	Q	Q	Q	Q	Q	Q	Q	Q	4.6	47.3
Central Air-Conditioning	100.0	Q	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	92.2	Q	100.0	95.8	84.8	90.3	97.7	92.6	80.3	85.4	88.7	5.8
Not Important	5.9	Q	Q	Q	Q	Q	Q	7.4	Q	Q	Q	54.3
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Refrigerator	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	85.2	90.0	65.0	78.5	85.6	84.9	87.5	88.7	78.6	80.8	80.3	4.4
Not Important	12.8	Q	28.3	15.9	12.5	12.8	11.2	11.0	15.5	14.3	15.9	23.2
Don't Know	1.9	Q	Q	Q	Q	Q	Q	Q	Q	Q	3.8	50.4

See footnotes at end of table.

Table 3.34a. Equipment Purchase by Family Income, Million U.S. Households, 1993 (Continued)

Equipment Purchase and Purchase Considerations	Total	1993 Family Income							Below Poverty Line		Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or More	100 Percent	125 Percent		
RSE Column Factor:	0.4	2.2	1.6	1.2	0.9	0.9	0.8	0.7	1.3	1.1	0.8	
Purchase Considerations (Those who selected for new home or purchased new equipment)												
Rebate/Financing												
Heating Equipment	9.8	Q	0.7	0.8	1.6	1.6	2.1	2.8	0.8	1.3	2.2	11.4
Important	2.1	Q	0.2	0.2	0.4	0.4	0.6	0.4	0.3	0.3	0.6	21.7
Not Important	7.1	Q	0.3	0.6	1.1	1.2	1.4	2.4	0.5	0.8	1.4	14.2
Don't Know	0.6	Q	Q	Q	Q	Q	Q	Q	Q	0.1	0.3	37.1
Water Heater	13.5	0.3	1.0	1.3	2.4	2.2	2.6	3.8	1.2	1.9	3.2	10.6
Important	2.6	Q	0.3	0.3	0.4	0.4	0.4	0.7	0.3	0.5	0.8	21.8
Not Important	10.4	0.2	0.7	0.8	1.9	1.7	2.1	3.0	0.8	1.2	2.2	12.4
Don't Know	0.5	Q	Q	Q	Q	Q	Q	Q	Q	0.1	0.2	38.9
Central Air-Conditioning	5.5	Q	0.2	0.3	0.8	1.0	1.1	2.1	0.1	0.2	0.7	19.8
Important	1.2	Q	Q	Q	0.2	0.2	0.2	0.5	Q	Q	0.2	31.1
Not Important	4.0	Q	Q	0.1	0.6	0.7	0.8	1.6	Q	Q	0.3	21.0
Don't Know	0.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	77.0
Reputation of Manufacturer												
Heating Equipment	9.8	Q	0.7	0.8	1.6	1.6	2.1	2.8	0.8	1.3	2.2	11.4
Important	7.4	Q	0.5	0.6	1.1	1.2	1.7	2.2	0.5	0.8	1.6	14.1
Not Important	2.1	Q	Q	0.2	0.4	0.4	0.4	0.6	0.2	0.3	0.5	23.4
Don't Know	0.4	Q	Q	Q	Q	Q	Q	Q	Q	0.1	0.1	38.3
Central Air-Conditioning	5.5	Q	0.2	0.3	0.8	1.0	1.1	2.1	0.1	0.2	0.7	19.8
Important	4.6	Q	0.2	0.2	0.6	0.8	0.9	1.8	Q	0.1	0.6	21.4
Not Important	0.7	Q	Q	Q	0.1	Q	0.1	0.3	Q	Q	Q	40.6
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Availability												
Water Heater	13.5	0.3	1.0	1.3	2.4	2.2	2.6	3.8	1.2	1.9	3.2	10.6
Important	11.6	0.2	0.9	1.1	2.1	1.8	2.3	3.1	1.0	1.6	2.9	11.4
Not Important	1.7	Q	Q	Q	0.2	0.4	0.2	0.7	0.1	0.2	0.3	27.0
Don't Know	0.2	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	76.8
Refrigerator	14.9	0.4	0.8	1.3	2.5	2.2	3.4	4.4	1.4	2.1	3.6	9.3
Important	11.7	0.3	0.6	1.1	2.0	1.7	2.6	3.4	1.1	1.7	2.8	10.8
Not Important	2.9	Q	Q	Q	0.4	0.4	0.7	1.0	0.2	0.3	0.6	22.6
Don't Know	0.3	Q	Q	Q	Q	Q	Q	Q	0.1	0.1	0.1	35.8
Size												
Refrigerator	14.9	0.4	0.8	1.3	2.5	2.2	3.4	4.4	1.4	2.1	3.6	9.3
Important	13.6	0.4	0.5	1.2	2.2	2.0	3.1	4.2	1.2	1.8	3.1	10.2
Not Important	1.1	Q	0.2	Q	0.2	Q	0.2	0.2	0.2	0.2	0.4	29.9
Don't Know	0.2	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	71.7

¹ Below 150 percent of poverty line or 60 percent of median State income.

NF = No applicable RSE row factor.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • 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, B, C of the 1993 Residential Energy Consumption Survey. (For specific titles of forms, see Appendix D.)

Table 3.34b. Equipment Purchase by Family Income, Percent of U.S. Households, 1993 (Continued)

Equipment Purchase and Purchase Considerations	Total	1993 Family Income							Below Poverty Line		Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or More	100 Percent	125 Percent		
RSE Column Factor:	0.4	2.1	1.6	1.3	0.9	0.9	0.7	0.7	1.3	1.1	0.9	
Purchase Considerations (Those who selected for new home or purchased new equipment)												
Rebate/Financing												
Heating Equipment	100.0	Q	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	21.8	Q	33.9	20.1	24.7	22.0	27.3	13.4	31.3	26.5	25.5	19.9
Not Important	72.5	Q	45.6	68.6	68.8	75.8	68.9	83.4	57.5	61.9	62.0	7.9
Don't Know	5.7	Q	Q	Q	Q	Q	Q	Q	Q	11.5	12.5	34.5
Water Heater	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	18.9	Q	25.9	25.6	16.0	18.7	15.3	19.1	25.4	27.1	24.8	19.4
Not Important	77.3	75.2	68.8	65.5	78.9	78.2	81.8	78.9	67.7	65.3	68.2	6.3
Don't Know	3.8	Q	Q	Q	Q	Q	Q	Q	Q	7.6	6.9	36.9
Central Air-Conditioning	100.0	Q	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	22.1	Q	Q	Q	22.1	17.3	20.8	22.9	Q	Q	32.9	29.0
Not Important	72.9	Q	Q	54.3	70.1	76.7	77.7	76.0	Q	Q	47.9	11.3
Don't Know	5.0	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	73.0
Reputation of Manufacturer												
Heating Equipment	100.0	Q	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	74.9	Q	76.7	67.3	69.8	73.4	80.1	77.0	65.2	66.9	71.4	7.0
Not Important	21.1	Q	Q	25.3	22.8	25.4	17.5	19.6	23.3	24.3	22.4	21.3
Don't Know	4.1	Q	Q	Q	Q	Q	Q	Q	Q	8.8	6.2	38.8
Central Air-Conditioning	100.0	Q	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	84.0	Q	96.8	78.7	76.9	86.2	85.6	84.9	Q	74.5	86.0	7.4
Not Important	13.7	Q	Q	Q	17.1	Q	12.9	14.1	Q	Q	Q	38.7
Don't Know	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Availability												
Water Heater	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	85.8	85.1	91.4	87.9	87.2	82.8	90.8	81.4	85.7	87.8	90.0	3.8
Not Important	12.8	Q	Q	Q	10.5	16.2	8.9	17.2	12.4	10.5	8.7	26.0
Don't Know	1.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	72.5
Refrigerator	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	78.5	74.3	76.6	83.4	80.6	78.8	77.4	77.4	80.4	81.0	78.7	5.2
Not Important	19.2	Q	Q	Q	18.1	16.6	21.1	22.1	12.2	13.9	17.7	21.2
Don't Know	2.3	Q	Q	Q	Q	Q	Q	Q	7.3	5.1	3.6	35.5
Size												
Refrigerator	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	NE
Important	91.5	91.2	66.9	90.9	90.2	93.1	92.4	95.4	82.2	85.3	87.5	3.4
Not Important	7.1	Q	26.4	Q	8.5	Q	6.4	4.6	12.3	11.1	9.8	29.2
Don't Know	1.4	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	71.5

¹ Below 150 percent of poverty line or 60 percent of median State income.

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

NF = No applicable RSE row factor.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • 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, B, C of the 1993 Residential Energy Consumption Survey. (For specific titles of forms, see Appendix D.)