

**Table 41. Consumption and Expenditures in Texas Households, 1993**

Characteristics	Average of Major Energy Sources <sup>1</sup>												RSE Row Factors
	Residential Buildings			Consumption				Expenditures (dollars)					
	Total Households (million)	Total Number (million)	Total Floor-space (billion sq. ft.)	per Building (million Btu)	per Square Foot (thousand Btu)	per Household (million Btu)	per Household Member (million Btu)	per Building	per Square Foot	per Household	per Household Member		
RSE Column Factor:	1.1	1.1	1.3	1.1	0.9	1.0	1.3	0.8	0.8	0.8	1.0		
<b>Total State</b> .....	6.4	5.4	10.8	114	57	94.7	36	1,622	0.81	1,349	506	6.1	
<b>Climate Zone<sup>2</sup></b>													
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF	
Under 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF	
2,000 CDD or More and Under 4,000 HDD .....	6.0	4.9	9.8	111	56	91.6	34	1,648	0.82	1,353	500	7.7	
<b>Type of Housing Unit</b>													
Single-Family .....	4.9	4.9	9.5	109	56	109.2	38	1,505	0.78	1,505	529	6.0	
Mobile Home .....	0.3	0.3	0.3	83	84	83.0	26	1,428	1.44	1,428	442	17.4	
Multifamily (2 or more units) .....	1.3	0.2	1.0	291	52	41.7	23	5,085	0.91	728	396	11.2	
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	2.0	1.1	1.7	109	74	60.9	28	1,591	1.08	892	405	7.4	
1,000 to 1,999 .....	3.1	2.9	5.0	104	60	97.4	35	1,448	0.83	1,359	489	6.4	
2,000 or more .....	1.3	1.3	4.0	141	46	140.7	45	2,033	0.66	2,033	652	10.3	
<b>Ownership of Unit</b>													
Owned .....	4.0	4.0	8.0	111	55	111.1	40	1,593	0.79	1,590	574	6.8	
Rented .....	2.5	1.4	2.7	121	62	68.7	28	1,703	0.87	965	386	7.3	
<b>Year of Construction</b>													
1939 or Before .....	1.0	0.9	1.5	105	63	96.2	49	1,187	0.71	1,086	552	9.4	
1940 to 1979 .....	3.5	2.8	5.3	110	60	88.9	33	1,591	0.86	1,283	475	6.5	
1980 or After <sup>3</sup> .....	2.0	1.6	4.0	125	51	104.5	35	1,914	0.78	1,599	542	8.0	
<b>1993 Family Income</b>													
Less than \$10,000 .....	0.9	0.6	1.1	98	59	68.4	39	1,208	0.73	847	479	10.4	
\$10,000 to \$19,999 .....	1.5	1.2	1.9	99	60	77.4	30	1,391	0.84	1,085	423	10.2	
\$20,000 to \$34,999 .....	1.5	1.2	2.2	117	62	94.1	38	1,640	0.86	1,319	526	9.7	
\$35,000 to \$49,999 .....	1.2	1.1	2.4	114	53	107.3	36	1,603	0.75	1,509	505	9.9	
\$50,000 or More .....	1.4	1.3	3.1	132	54	120.2	37	2,040	0.82	1,850	570	9.5	
<b>Below Poverty Line</b>													
100 Percent .....	1.1	0.8	1.2	94	61	70.1	26	1,200	0.78	898	336	9.2	
125 Percent .....	1.3	1.1	1.6	93	61	73.0	26	1,237	0.82	976	349	10.3	
150 Percent .....	1.7	1.3	2.0	95	61	72.0	26	1,281	0.82	972	347	9.8	
<b>Age of Householder</b>													
Under 35 Years .....	2.0	1.4	2.6	120	64	81.3	28	1,682	0.89	1,141	387	9.0	
35 to 59 Years .....	2.9	2.6	5.5	115	55	103.4	35	1,711	0.81	1,532	516	7.8	
60 Years and Over .....	1.5	1.4	2.7	105	54	95.9	56	1,395	0.72	1,273	745	10.3	
<b>Household Size</b>													
1 Person .....	1.6	1.0	1.9	102	55	65.7	66	1,408	0.75	905	905	7.6	
2 to 4 Persons .....	4.1	3.6	7.4	115	57	101.5	37	1,651	0.81	1,454	530	6.4	
5 or More Persons .....	0.8	0.7	1.5	123	61	117.6	21	1,771	0.88	1,693	299	10.8	

<sup>1</sup> Major Energy Sources include: electricity, natural gas, fuel oil, kerosene, and liquefied petroleum gas.

<sup>2</sup> Climate zones are based on annual degree-days that are averaged over 30 years from 1961 to 1990.

<sup>3</sup> 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: • 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" in *Household Energy Consumption and Expenditures 1993* for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 1993 Residential Energy Consumption Survey.

**Table 42. Total Consumption in Texas Households, 1993**

Characteristics	Major Energy Sources <sup>1</sup> (trillion Btu)	Electricity			Natural Gas		Fuel Oil		Kerosene		Liquefied Petroleum Gas		RSE Row Factors
		Primary (trillion Btu)	Site		(trillion Btu)	(billion cubic feet)	(trillion Btu)	(billion gallons)	(trillion Btu)	(billion gallons)	(trillion Btu)	(billion gallons)	
			(trillion Btu)	(billion kWh)									
RSE Column Factor:	0.7	0.7	0.7	0.7	1.2	1.2	NF	NF	NF	NF	1.7	1.7	
<b>Total State</b> .....	610.8	880.8	292.3	85.7	302.9	295	Q	Q	Q	Q	15.5	0.17	14.4
<b>Climate Zone<sup>2</sup></b>													
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
2,000 CDD or More and Under 4,000 HDD .....	548.6	830.5	275.6	80.8	260.5	253	Q	Q	Q	Q	Q	Q	14.3
<b>Type of Housing Unit</b>													
Single-Family .....	533.3	731.9	242.9	71.2	276.3	269	Q	Q	Q	Q	14.1	0.15	16.1
Mobile Home .....	24.6	45.4	15.1	4.4	Q	Q	Q	Q	Q	Q	Q	Q	46.5
Multifamily (2 or more units) ..	52.8	103.4	34.3	10.1	18.5	18	Q	Q	Q	Q	Q	Q	15.3
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	123.8	180.9	60.0	17.6	59.1	58	Q	Q	Q	Q	Q	Q	17.3
1,000 to 1,999 .....	302.3	416.0	138.1	40.5	156.3	152	Q	Q	Q	Q	7.9	0.09	12.2
2,000 or More .....	184.7	283.8	94.2	27.6	87.4	85	Q	Q	Q	Q	Q	Q	20.1
<b>Ownership of Unit</b>													
Owned .....	439.8	644.6	214.0	62.7	211.8	206	Q	Q	Q	Q	14.1	0.15	16.3
Rented .....	170.9	236.1	78.4	23.0	91.1	89	Q	Q	Q	Q	Q	Q	11.8
<b>Year of Construction</b>													
1939 or Before .....	93.7	90.4	30.0	8.8	58.4	57	Q	Q	Q	Q	Q	Q	18.1
1940 to 1979 .....	313.1	456.0	151.3	44.4	152.2	148	Q	Q	Q	Q	Q	Q	14.4
1980 or After <sup>3</sup> .....	204.0	334.4	111.0	32.5	92.3	90	Q	Q	Q	Q	Q	Q	17.4
<b>1993 Family Income</b>													
Less than \$10,000 .....	62.6	71.8	23.8	7.0	36.0	35	Q	Q	Q	Q	Q	Q	26.9
\$10,000 to \$19,999 .....	114.7	159.3	52.9	15.5	58.4	57	Q	Q	Q	Q	Q	Q	23.4
\$20,000 to \$34,999 .....	137.3	188.3	62.5	18.3	70.9	69	Q	Q	Q	Q	Q	Q	21.2
\$35,000 to \$49,999 .....	127.5	187.3	62.2	18.2	64.6	63	Q	Q	Q	Q	Q	Q	26.9
\$50,000 or More .....	168.6	274.0	90.9	26.7	72.9	71	Q	Q	Q	Q	Q	Q	28.5
<b>Below Poverty Line</b>													
100 Percent .....	73.9	83.3	27.6	8.1	43.0	42	Q	Q	Q	Q	Q	Q	25.5
125 Percent .....	97.8	116.9	38.8	11.4	54.4	53	Q	Q	Q	Q	Q	Q	22.2
150 Percent .....	121.1	154.2	51.2	15.0	64.8	63	Q	Q	Q	Q	Q	Q	21.7
<b>Age of Householder</b>													
Under 35 Years .....	163.8	227.4	75.5	22.1	87.0	85	Q	Q	Q	Q	Q	Q	21.4
35 to 59 Years .....	301.6	472.3	156.7	45.9	135.0	131	Q	Q	Q	Q	9.8	0.11	14.1
60 Years and Over .....	145.4	181.1	60.1	17.6	80.9	79	Q	Q	Q	Q	Q	Q	23.2
<b>Household Size</b>													
1 Person .....	103.3	141.5	47.0	13.8	53.5	52	Q	Q	Q	Q	Q	Q	18.0
2 to 4 Persons .....	416.6	606.2	201.2	59.0	203.1	198	Q	Q	Q	Q	12.3	0.13	15.7
5 or More Persons .....	90.8	133.1	44.2	12.9	46.3	45	Q	Q	Q	Q	Q	Q	18.4

<sup>1</sup> Major Energy Sources include: electricity, natural gas, fuel oil, kerosene, and liquefied petroleum gas.

<sup>2</sup> Climate zones are based on annual degree-days that are averaged over 30 years from 1961 to 1990.

<sup>3</sup> Does not include all new construction for 1993.

NF = No applicable RSE row/column 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. • Site electricity is the amount of electricity delivered to households. Primary electricity, which is not included in the "Total of Major Fuels" category, is site electricity plus the conversion losses in the electric generation process at the utility plant. • Because of rounding, data may not sum to totals. • See "Glossary" in *Household Energy Consumption and Expenditures 1993* for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 1993 Residential Energy Consumption Survey.

**Table 43. Total Expenditures in Texas Households, 1993**  
(Billion Dollars)

Characteristics	Major Energy Sources <sup>1</sup>	Electricity	Natural Gas	Fuel Oil	Kerosene	Liquefied Petroleum Gas	RSE Row Factors
	RSE Column Factor:	0.6	0.7	1.0	NF	NF	
<b>Total State</b> .....	8.70	6.88	1.68	Q	Q	0.14	14.3
<b>Climate Zone<sup>2</sup></b>							
Under 2,000 CDD and							
Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	Q	Q	Q	Q	Q	Q	NF
2,000 CDD or More and							
Under 4,000 HDD .....	8.11	6.52	1.47	Q	Q	Q	15.7
<b>Type of Housing Unit</b>							
Single-Family .....	7.35	5.69	1.54	Q	Q	0.12	16.3
Mobile Home .....	0.42	0.36	Q	Q	Q	Q	51.6
Multifamily (2 or more units) .....	0.92	0.83	0.10	Q	Q	Q	14.0
<b>Heated Floorspace (square feet)</b>							
Fewer than 1,000 .....	1.81	1.43	0.33	Q	Q	Q	19.4
1,000 to 1,999 .....	4.21	3.28	0.87	Q	Q	0.07	13.6
2,000 or More .....	2.67	2.16	0.48	Q	Q	Q	21.5
<b>Ownership of Unit</b>							
Owned .....	6.30	5.00	1.18	Q	Q	0.12	16.2
Rented .....	2.40	1.88	0.50	Q	Q	Q	13.6
<b>Year of Construction</b>							
1939 or Before .....	1.06	0.69	0.33	Q	Q	Q	17.2
1940 to 1979 .....	4.52	3.57	0.85	Q	Q	Q	16.3
1980 or After <sup>3</sup> .....	3.12	2.62	0.50	Q	Q	Q	17.7
<b>1993 Family Income</b>							
Less than \$10,000 .....	0.77	0.55	0.20	Q	Q	Q	27.8
\$10,000 to \$19,999 .....	1.61	1.24	0.33	Q	Q	Q	27.2
\$20,000 to \$34,999 .....	1.92	1.50	0.39	Q	Q	Q	21.1
\$35,000 to \$49,999 .....	1.79	1.44	0.34	Q	Q	Q	27.3
\$50,000 or More .....	2.60	2.14	0.41	Q	Q	Q	31.2
<b>Below Poverty Line</b>							
100 Percent .....	0.95	0.67	0.24	Q	Q	Q	29.2
125 Percent .....	1.31	0.95	0.31	Q	Q	Q	26.6
150 Percent .....	1.63	1.21	0.37	Q	Q	Q	25.5
<b>Age of Householder</b>							
Under 35 Years .....	2.30	1.81	0.48	Q	Q	Q	23.3
35 to 59 Years .....	4.47	3.63	0.75	Q	Q	0.09	14.7
60 Years and Over .....	1.93	1.43	0.46	Q	Q	Q	24.6
<b>Household Size</b>							
1 Person .....	1.42	1.10	0.30	Q	Q	Q	16.6
2 to 4 Persons .....	5.97	4.74	1.11	Q	Q	0.11	16.6
5 or More Persons .....	1.31	1.04	0.27	Q	Q	Q	21.2

<sup>1</sup> Major Energy Sources include: electricity, natural gas, fuel oil, kerosene, and liquefied petroleum gas.

<sup>2</sup> Climate zones are based on annual degree-days that are averaged over 30 years from 1961 to 1990.

<sup>3</sup> Does not include all new construction for 1993.

NF = No applicable RSE row/column 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" in *Household Energy Consumption and Expenditures 1993* for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 1993 Residential Energy Consumption Survey.

**Table 44. Electricity Consumption and Expenditures in Texas Households, 1993**

Characteristics	Households Using Electricity (million)	Average per Household					Expenditures (cents per kWh)	RSE Row Factors
		Consumption			Expenditures (dollars)	Floorspace (square feet)		
		Primary	Site					
		(million Btu)	(million Btu)	(kWh)				
RSE Column Factor:	1.3	1.2	1.2	1.2	1.4	0.8	0.4	
<b>Total State</b> .....	6.4	136.6	45.3	13,289	1,067	1,668	8.0	6.4
<b>Climate Zone<sup>1</sup></b>								
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	NF
2,000 CDD or More and Under 4,000 HDD .....	6.0	138.6	46.0	13,484	1,088	1,644	8.1	6.8
<b>Type of Housing Unit</b>								
Single-Family .....	4.9	149.9	49.7	14,581	1,165	1,936	8.0	5.3
Mobile Home .....	0.3	153.0	50.8	14,878	1,216	990	8.2	14.8
Multifamily (2 or more units) .....	1.3	81.6	27.1	7,939	652	796	8.2	6.9
<b>Heated Floorspace (square feet)</b>								
Fewer than 1,000 .....	2.0	89.0	29.5	8,658	705	828	8.1	6.9
1,000 to 1,999 .....	3.1	134.1	44.5	13,047	1,058	1,627	8.1	5.4
2,000 or More .....	1.3	216.2	71.8	21,033	1,647	3,065	7.8	6.1
<b>Ownership of Unit</b>								
Owned .....	4.0	162.8	54.0	15,832	1,261	2,022	8.0	5.9
Rented .....	2.5	95.0	31.5	9,238	756	1,105	8.2	6.4
<b>Year of Construction</b>								
1939 or Before .....	1.0	92.9	30.8	9,034	704	1,530	7.8	6.4
1940 to 1979 .....	3.5	129.5	43.0	12,596	1,015	1,493	8.1	7.0
1980 or After <sup>2</sup> .....	2.0	171.3	56.9	16,662	1,341	2,053	8.0	5.8
<b>1993 Family Income</b>								
Less than \$10,000 .....	0.9	78.5	26.1	7,635	603	1,167	7.9	8.6
\$10,000 to \$19,999 .....	1.5	107.5	35.7	10,461	839	1,296	8.0	9.2
\$20,000 to \$34,999 .....	1.5	129.1	42.8	12,554	1,025	1,529	8.2	9.0
\$35,000 to \$49,999 .....	1.2	157.6	52.3	15,331	1,213	2,010	7.9	8.4
\$50,000 or More .....	1.4	195.3	64.8	18,994	1,528	2,243	8.0	8.7
<b>Below Poverty Line</b>								
100 Percent .....	1.1	79.1	26.2	7,691	637	1,154	8.3	8.0
125 Percent .....	1.3	87.3	29.0	8,488	709	1,191	8.3	8.1
150 Percent .....	1.7	91.7	30.4	8,923	721	1,184	8.1	8.3
<b>Age of Householder</b>								
Under 35 Years .....	2.0	112.9	37.5	10,979	899	1,280	8.2	6.7
35 to 59 Years .....	2.9	161.9	53.7	15,749	1,245	1,884	7.9	6.0
60 Years and Over .....	1.5	119.5	39.7	11,625	946	1,769	8.1	10.3
<b>Household Size</b>								
1 Person .....	1.6	90.1	29.9	8,760	698	1,206	8.0	8.0
2 to 4 Persons .....	4.1	147.7	49.0	14,370	1,156	1,797	8.0	5.7
5 or More Persons .....	0.8	172.4	57.2	16,765	1,344	1,927	8.0	7.8

<sup>1</sup> Climate zones are based on annual degree-days that are averaged over 30 years from 1961 to 1990.

<sup>2</sup> 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: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Site electricity is the amount of electricity delivered to households. Primary electricity is site electricity plus the conversion losses in the electric generation process at the utility plant. • Because of rounding, data may not sum to totals. • See "Glossary" in *Household Energy Consumption and Expenditures 1993* 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, and E of the 1993 Residential Energy Consumption Survey.

**Table 45. Natural Gas Consumption and Expenditures in Texas Households, 1993**

Characteristics	Households Using Natural Gas (million)	Average per Household				Expenditures (dollars per thousand cf)	RSE Row Factors
		Consumption		Expenditures (dollars)	Floorspace (square feet)		
		(million Btu)	(thousand cf)				
RSE Column Factor:	1.8	1.2	1.2	0.9	0.9	0.5	
<b>Total State</b> .....	4.2	72.1	70.1	400	1,713	5.70	9.0
<b>Climate Zone:</b> <sup>1</sup>							
Under 2,000 CDD and							
Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	Q	Q	Q	Q	Q	Q	NF
2,000 CDD or More and							
Under 4,000 HDD .....	3.8	68.7	66.8	389	1,683	5.82	9.2
<b>Type of Housing Unit</b>							
Single-Family .....	3.5	79.7	77.6	443	1,902	5.71	7.5
Mobile Home .....	Q	44.7	43.5	261	942	6.00	47.9
Multifamily (2 or more units) .....	0.6	33.3	32.4	174	791	5.36	12.5
<b>Heated Floorspace (square feet)</b>							
Fewer than 1,000 .....	1.2	50.0	48.6	282	868	5.80	10.2
1,000 to 1,999 .....	2.2	72.4	70.4	402	1,636	5.71	7.8
2,000 or More .....	0.9	101.9	99.1	557	3,075	5.62	8.9
<b>Ownership of Unit</b>							
Owned .....	2.6	80.2	78.1	446	1,990	5.71	8.8
Rented .....	1.6	58.3	56.7	322	1,246	5.67	9.1
<b>Year of Construction</b>							
1939 or Before .....	0.8	70.1	68.2	397	1,531	5.83	8.8
1940 to 1979 .....	2.3	66.7	64.9	373	1,487	5.75	10.0
1980 or After <sup>2</sup> .....	1.1	85.1	82.7	458	2,331	5.53	9.4
<b>1993 Family Income</b>							
Less than \$10,000 .....	0.6	56.8	55.2	314	1,250	5.68	13.4
\$10,000 to \$19,999 .....	1.0	59.6	58.0	337	1,332	5.82	10.0
\$20,000 to \$34,999 .....	1.0	73.4	71.4	405	1,668	5.67	11.7
\$35,000 to \$49,999 .....	0.8	86.1	83.8	458	2,009	5.47	11.0
\$50,000 or More .....	0.9	83.9	81.7	478	2,278	5.85	9.7
<b>Below Poverty Line</b>							
100 Percent .....	0.7	59.3	57.6	337	1,243	5.84	11.0
125 Percent .....	0.9	58.8	57.2	339	1,221	5.93	12.0
150 Percent .....	1.1	57.0	55.4	326	1,224	5.89	10.7
<b>Age of Householder</b>							
Under 35 Years .....	1.3	65.9	64.1	360	1,365	5.62	11.9
35 to 59 Years .....	1.8	76.1	74.0	421	1,858	5.69	9.2
60 Years and Over .....	1.1	73.1	71.1	413	1,898	5.80	9.9
<b>Household Size</b>							
1 Person .....	1.0	55.6	54.1	312	1,361	5.77	12.8
2 to 4 Persons .....	2.6	76.8	74.7	421	1,828	5.63	8.7
5 or More Persons .....	0.6	77.8	75.7	447	1,776	5.91	8.5

<sup>1</sup> Climate zones are based on annual degree-days that are averaged over 30 years from 1961 to 1990.

<sup>2</sup> 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: • 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" in *Household Energy Consumption and Expenditures 1993* 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, and F of the 1993 Residential Energy Consumption Survey.

**Table 46. Wood Consumption in Texas Households,  
December 1992 through November 1993**

Characteristics	Households Using Wood					Wood Used as Main Space-Heating Fuel					RSE Row Factors
	House- holds (mil- lions)	Consumption				House- holds (mil- lions)	Consumption				
		Total		Average per Household			Total		Average per Household		
		(quad- rillion Btu)	(million cords)	(million Btu)	(cords)		(quad- rillion Btu)	(million cords)	(million Btu)	(cords)	
RSE Column Factor:	0.8	1.1	1.1	1.0	1.0	NF	NF	NF	NF	NF	
<b>Total State</b> .....	1.3	0.01	0.7	10.8	0.5	Q	Q	Q	Q	Q	21.4
<b>Climate Zone<sup>1</sup></b>											
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
2,000 CDD or More and Under 4,000 HDD .....	1.3	0.01	0.7	10.8	0.5	Q	Q	Q	Q	Q	26.1
<b>Type of Housing Unit</b>											
Single-Family .....	1.2	0.01	0.7	11.3	0.6	Q	Q	Q	Q	Q	21.4
Mobile Home .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Multifamily (2 or more units) .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Heated Floorspace (square feet)</b>											
Fewer than 1,000 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
1,000 to 1,999 .....	0.7	0.01	0.4	10.3	0.5	Q	Q	Q	Q	Q	26.4
2,000 or More .....	0.5	(*)	0.2	9.4	0.5	Q	Q	Q	Q	Q	18.1
<b>Ownership of Unit</b>											
Owned .....	1.1	0.01	0.6	10.8	0.5	Q	Q	Q	Q	Q	17.2
Rented .....	0.2	(*)	0.1	Q	Q	Q	Q	Q	Q	Q	45.5
<b>Year of Construction</b>											
1939 or Before .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
1940 to 1979 .....	0.6	0.01	0.4	12.3	0.6	Q	Q	Q	Q	Q	29.0
1980 or After <sup>2</sup> .....	0.6	(*)	0.2	7.3	0.4	Q	Q	Q	Q	Q	24.0
<b>1993 Family Income</b>											
Less than \$10,000 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
\$10,000 to \$19,999 .....	0.3	Q	Q	20.4	1.0	Q	Q	Q	Q	Q	36.1
\$20,000 to \$34,999 .....	0.2	(*)	0.1	8.7	0.4	Q	Q	Q	Q	Q	29.9
\$35,000 to \$49,999 .....	0.3	(*)	0.2	11.2	0.6	Q	Q	Q	Q	Q	20.8
\$50,000 or More .....	0.5	(*)	0.2	7.0	0.4	Q	Q	Q	Q	Q	30.6
<b>Below Poverty Line</b>											
100 Percent .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
125 Percent .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
150 Percent .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Age of Householder</b>											
Under 35 Years .....	0.3	(*)	0.2	10.6	0.5	Q	Q	Q	Q	Q	38.4
35 to 59 Years .....	0.8	0.01	0.5	10.8	0.5	Q	Q	Q	Q	Q	19.8
60 Years and Over .....	0.2	Q	Q	Q	Q	Q	Q	Q	Q	Q	32.6

See footnotes at end of table.

**Table 46. Wood Consumption in Texas Households,  
December 1992 through November 1993 (Continued)**

Characteristics	Households Using Wood					Wood Used as Main Space-Heating Fuel					RSE Row Fac- tors
	House- holds (mil- lions)	Consumption				House- holds (mil- lions)	Consumption				
		Total		Average per Household			Total		Average per Household		
		(quad- rillion Btu)	(million cords)	(million Btu)	(cords)		(quad- rillion Btu)	(million cords)	(million Btu)	(cords)	
RSE Column Factor:	0.8	1.1	1.1	1.0	1.0	NF	NF	NF	NF	NF	

**Household Size**

1 Person .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
2 to 4 Persons .....	1.0	0.01	0.5	9.7	0.5	Q	Q	Q	Q	Q	19.2
5 or More Persons .....	0.2	(*)	0.1	10.0	0.5	Q	Q	Q	Q	Q	35.2

<sup>1</sup> Climate zones are based on annual degree-days that are averaged over 30 years from 1961 to 1990.

<sup>2</sup> Does not include all new construction for 1993.

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

NF = No applicable RSE row/column 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" in *Household Energy Consumption and Expenditures 1993* for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, and C of the 1993 Residential Energy Consumption Survey.

**Table 47. Average Expenditures for Major Energy Sources in Texas Households, 1993**  
(Dollars per Million Btu)

Characteristics	Major Energy Sources <sup>1</sup>	Electricity	Natural Gas	Fuel Oil	Kerosene	Liquefied Petroleum Gas	RSE Row Factors
	RSE Column Factor:	1.3	0.4	0.8	NF	NF	
<b>Total State</b> .....	14.2	23.5	5.5	Q	Q	9.0	5.6
<b>Climate Zone<sup>2</sup></b>							
Under 2,000 CDD and							
Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	Q	Q	Q	Q	Q	Q	NF
2,000 CDD or More and							
Under 4,000 HDD .....	14.8	23.6	5.7	Q	Q	9.5	6.9
<b>Type of Housing Unit</b>							
Single-Family .....	13.8	23.4	5.6	Q	Q	8.8	5.9
Mobile Home .....	17.2	24.0	5.8	Q	Q	Q	22.7
Multifamily (2 or more units) .....	17.5	24.1	5.2	Q	Q	Q	7.5
<b>Heated Floorspace (square feet)</b>							
Fewer than 1,000 .....	14.6	23.9	5.6	Q	Q	9.7	9.2
1,000 to 1,999 .....	13.9	23.8	5.6	Q	Q	8.3	6.5
2,000 or More .....	14.5	23.0	5.5	Q	Q	Q	5.6
<b>Ownership of Unit</b>							
Owned .....	14.3	23.3	5.6	Q	Q	8.9	6.1
Rented .....	14.0	24.0	5.5	Q	Q	Q	6.4
<b>Year of Construction</b>							
1939 or Before .....	11.3	22.8	5.7	Q	Q	Q	10.3
1940 to 1979 .....	14.4	23.6	5.6	Q	Q	9.7	7.7
1980 or After <sup>3</sup> .....	15.3	23.6	5.4	Q	Q	Q	5.4
<b>1993 Family Income</b>							
Less than \$10,000 .....	12.4	23.2	5.5	Q	Q	Q	10.2
\$10,000 to \$19,999 .....	14.0	23.5	5.7	Q	Q	Q	9.7
\$20,000 to \$34,999 .....	14.0	23.9	5.5	Q	Q	Q	8.0
\$35,000 to \$49,999 .....	14.1	23.2	5.3	Q	Q	Q	9.5
\$50,000 or More .....	15.4	23.6	5.7	Q	Q	Q	4.1
<b>Below Poverty Line</b>							
100 Percent .....	12.8	24.3	5.7	Q	Q	Q	7.4
125 Percent .....	13.4	24.5	5.8	Q	Q	Q	8.0
150 Percent .....	13.5	23.7	5.7	Q	Q	9.6	9.9
<b>Age of Householder</b>							
Under 35 Years .....	14.0	24.0	5.5	Q	Q	Q	8.5
35 to 59 Years .....	14.8	23.2	5.5	Q	Q	8.9	5.7
60 Years and Over .....	13.3	23.8	5.6	Q	Q	9.1	9.0
<b>Household Size</b>							
1 Person .....	13.8	23.3	5.6	Q	Q	Q	9.8
2 to 4 Persons .....	14.3	23.6	5.5	Q	Q	9.0	5.9
5 or More Persons .....	14.4	23.5	5.7	Q	Q	Q	4.7

<sup>1</sup> Major Energy Sources include: electricity, natural gas, fuel oil, kerosene, and liquefied petroleum gas.

<sup>2</sup> Climate zones are based on annual degree-days that are averaged over 30 years from 1961 to 1990.

<sup>3</sup> Does not include all new construction for 1993.

NF = No applicable RSE row/column 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" in *Household Energy Consumption and Expenditures 1993* for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 1993 Residential Energy Consumption Survey.



**Table 48. Total Consumption and Expenditures by End Uses in Texas Households, 1993**

Characteristics	Space Heating		Air Conditioning		Water Heating		Refrigerators		Appliances		RSE Row Factors
	Consumption (trillion Btu)	Expenditures (billion dollars)	Consumption (trillion Btu)	Expenditures (billion dollars)	Consumption (trillion Btu)	Expenditures (billion dollars)	Consumption (trillion Btu)	Expenditures (billion dollars)	Consumption (trillion Btu)	Expenditures (billion dollars)	
	1.3 <sup>1</sup>	0.9 <sup>1</sup>	1.1 <sup>1</sup>	1.2 <sup>1</sup>	1.1 <sup>1</sup>	0.9 <sup>1</sup>	0.8 <sup>1</sup>	0.9 <sup>1</sup>	0.9 <sup>1</sup>	1.0 <sup>1</sup>	
<b>Total State</b> .....	225.7	1.85	69.4	1.65	120.1	1.03	40.9	0.97	154.7	3.19	7.4
<b>Climate Zone<sup>2</sup></b>											
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
2,000 CDD or More and Under 4,000 HDD .....	188.6	1.65	66.7	1.60	110.3	0.97	38.6	0.92	144.4	2.97	10.5
<b>Type of Housing Unit</b>											
Single-Family .....	205.2	1.59	57.8	1.38	100.9	0.81	33.3	0.79	136.1	2.77	9.6
Mobile Home .....	7.2	0.07	4.4	0.11	4.4	0.06	1.5	0.04	7.1	0.15	35.0
Multifamily (2 or more units) .....	13.4	0.19	7.2	0.17	14.8	0.16	6.0	0.14	11.4	0.26	9.0
<b>Heated Floorspace (square feet)</b>											
Fewer than 1,000 .....	42.1	0.38	12.9	0.31	29.4	0.27	10.4	0.25	29.1	0.61	13.9
1,000 to 1,999 .....	116.3	0.92	31.3	0.75	60.2	0.51	19.2	0.46	75.3	1.57	10.1
2,000 or More .....	67.4	0.55	25.2	0.59	30.5	0.26	11.3	0.26	50.2	1.01	15.4
<b>Ownership of Unit</b>											
Owned .....	166.3	1.34	52.1	1.24	78.1	0.69	27.9	0.66	115.5	2.37	9.7
Rented .....	59.5	0.51	17.3	0.42	42.1	0.34	13.0	0.31	39.1	0.82	9.3
<b>Year of Construction</b>											
1939 or Before .....	49.1	0.33	6.1	0.14	15.1	0.11	5.7	0.13	17.6	0.35	15.1
1940 to 1979 .....	111.8	0.96	34.2	0.82	65.7	0.56	21.8	0.52	79.5	1.65	9.1
1980 or After <sup>3</sup> .....	64.8	0.56	29.1	0.69	39.3	0.36	13.4	0.32	57.5	1.19	12.9
<b>1993 Family Income</b>											
Less than \$10,000 .....	28.6	0.21	4.1	0.09	12.2	0.09	4.7	0.11	13.0	0.26	20.0
\$10,000 to \$19,999 .....	41.8	0.34	11.3	0.27	24.9	0.22	8.3	0.20	28.4	0.58	21.1
\$20,000 to \$34,999 .....	51.9	0.41	14.4	0.35	25.9	0.23	9.1	0.22	36.0	0.71	14.2
\$35,000 to \$49,999 .....	47.9	0.38	15.7	0.37	25.7	0.21	7.3	0.17	30.9	0.65	17.9
\$50,000 or More .....	55.5	0.50	23.8	0.57	31.5	0.28	11.5	0.27	46.3	0.97	23.6
<b>Below Poverty Line</b>											
100 Percent .....	29.7	0.22	4.3	0.10	16.7	0.13	5.2	0.13	18.0	0.36	22.5
125 Percent .....	38.3	0.28	6.9	0.17	21.4	0.18	6.8	0.17	24.4	0.50	19.9
150 Percent .....	46.6	0.36	9.3	0.22	27.0	0.24	8.5	0.20	29.8	0.61	18.7
<b>Age of Householder</b>											
Under 35 Years .....	58.2	0.45	17.8	0.44	38.2	0.33	10.9	0.26	38.7	0.82	16.0
35 to 59 Years .....	103.2	0.91	37.7	0.89	59.8	0.54	19.5	0.46	81.3	1.67	9.7
60 Years and Over .....	64.3	0.49	13.8	0.33	22.2	0.16	10.4	0.25	34.7	0.70	18.4
<b>Household Size</b>											
1 Person .....	45.0	0.39	10.4	0.24	18.2	0.15	8.1	0.19	21.6	0.44	11.8
2 to 4 Persons .....	153.3	1.23	48.7	1.17	80.8	0.71	27.6	0.66	106.2	2.20	10.7
5 or More Persons .....	27.5	0.22	10.2	0.24	21.2	0.17	5.1	0.12	26.8	0.55	15.0

<sup>1</sup> This factor is underestimated because it contains no error for estimating this end use.

<sup>2</sup> Climate zones are based on annual degree-days that are averaged over 30 years from 1961 to 1990.

<sup>3</sup> 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: • 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.

• Consumption and Expenditures data are for major energy sources which include: electricity, natural gas, fuel oil, kerosene, and liquefied petroleum gas. • See "Glossary" in *Household Energy Consumption and Expenditures 1993* for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 1993 Residential Energy Consumption Survey.

**Table 49. Consumption by End Uses, per Texas Households, 1993**

Characteristics	All Uses		Space Heating		Air Conditioning		Water Heating		Refrigerator		Appliances		RSE Row Factors
	Households (million)	Consumption (million Btu)	Households (million)	Consumption (million Btu)	Households (million)	Consumption (million Btu)	Households (million)	Consumption (million Btu)	Households (million)	Consumption (million Btu)	Households (million)	Consumption (million Btu)	
	1.0	0.9	1.0	1.9 <sup>1</sup>	1.2	1.0 <sup>1</sup>	1.0	1.1 <sup>1</sup>	1.0	0.6 <sup>1</sup>	1.0	0.7 <sup>1</sup>	
<b>Total State</b> .....	6.4	94.7	6.4	35.1	5.8	12.0	6.4	18.7	6.4	6.3	6.4	24.0	6.9
<b>Climate Zone<sup>2</sup></b>													
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
2,000 CDD or More and Under 4,000 HDD .....	6.0	91.6	6.0	31.6	5.4	12.3	6.0	18.5	6.0	6.5	6.0	24.1	8.0
<b>Type of Housing Unit</b>													
Single-Family .....	4.9	109.2	4.9	42.2	4.3	13.4	4.9	20.8	4.9	6.8	4.9	27.9	5.0
Mobile Home .....	0.3	83.0	0.3	24.3	0.3	15.8	0.3	14.8	0.3	5.0	0.3	24.0	20.8
Multifamily (2 or more units) .....	1.3	41.7	1.3	10.5	1.2	6.1	1.3	11.7	1.3	4.8	1.3	9.0	8.7
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	2.0	60.9	2.0	20.7	1.7	7.5	2.0	14.6	2.0	5.1	2.0	14.3	8.9
1,000 to 1,999 .....	3.1	97.4	3.1	37.7	2.7	11.4	3.1	19.5	3.1	6.2	3.1	24.3	6.6
2,000 or More .....	1.3	140.7	1.3	51.4	1.3	19.6	1.3	23.2	1.3	8.6	1.3	38.3	9.9
<b>Ownership of Unit</b>													
Owned .....	4.0	111.1	3.9	42.2	3.6	14.5	4.0	19.8	4.0	7.0	4.0	29.2	6.2
Rented .....	2.5	68.7	2.5	23.9	2.2	8.0	2.5	17.1	2.5	5.2	2.5	15.7	7.4
<b>Year of Construction</b>													
1939 or Before .....	1.0	96.2	1.0	50.5	0.7	8.4	0.9	16.0	1.0	5.9	1.0	18.1	9.6
1940 to 1979 .....	3.5	88.9	3.5	31.9	3.1	10.9	3.5	18.7	3.5	6.2	3.5	22.6	5.9
1980 or After <sup>3</sup> .....	2.0	104.5	2.0	33.2	1.9	15.2	2.0	20.1	2.0	6.8	2.0	29.5	7.6
<b>1993 Family Income</b>													
Less than \$10,000 .....	0.9	68.4	0.9	31.3	0.7	5.8	0.9	13.8	0.9	5.1	0.9	14.2	12.0
\$10,000 to \$19,999 .....	1.5	77.4	1.5	28.6	1.2	9.2	1.5	16.8	1.5	5.6	1.5	19.2	13.8
\$20,000 to \$34,999 .....	1.5	94.1	1.5	35.6	1.3	11.1	1.5	17.7	1.4	6.3	1.5	24.7	10.4
\$35,000 to \$49,999 .....	1.2	107.3	1.2	40.3	1.2	13.7	1.2	21.6	1.2	6.1	1.2	26.0	11.9
\$50,000 or More .....	1.4	120.2	1.4	39.6	1.4	17.3	1.4	22.5	1.4	8.2	1.4	33.0	14.4
<b>Below Poverty Line</b>													
100 Percent .....	1.1	70.1	1.1	28.2	0.8	5.5	1.0	16.3	1.1	5.0	1.1	17.1	12.6
125 Percent .....	1.3	73.0	1.3	29.0	1.0	6.6	1.3	16.4	1.3	5.1	1.3	18.2	11.9
150 Percent .....	1.7	72.0	1.7	28.0	1.3	7.0	1.6	16.4	1.7	5.0	1.7	17.7	10.6
<b>Age of Householder</b>													
Under 35 Years .....	2.0	81.3	2.0	28.9	1.8	10.0	2.0	19.0	2.0	5.4	2.0	19.2	9.5
35 to 59 Years .....	2.9	103.4	2.9	35.6	2.7	13.9	2.9	20.5	2.9	6.7	2.9	27.9	7.8
60 Years and Over .....	1.5	95.9	1.5	42.5	1.3	11.0	1.5	14.9	1.5	6.9	1.5	22.9	12.9
<b>Household Size</b>													
1 Person .....	1.6	65.7	1.6	28.6	1.3	7.8	1.5	11.7	1.6	5.2	1.6	13.8	9.2
2 to 4 Persons .....	4.1	101.5	4.1	37.3	3.8	13.0	4.1	19.7	4.1	6.7	4.1	25.9	5.7
5 or More Persons .....	0.8	117.6	0.8	36.4	0.7	15.0	0.8	27.5	0.8	6.6	0.8	34.7	11.8

<sup>1</sup> This factor is underestimated because it contains no error for estimating this end use.

<sup>2</sup> Climate zones are based on annual degree-days that are averaged over 30 years from 1961 to 1990.

<sup>3</sup> 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: • 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.

• Consumption and Expenditure data are for major energy sources which include: electricity, natural gas, fuel oil, kerosene, and liquefied petroleum gas. • See "Glossary" in *Household Energy Consumption and Expenditures 1993* for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 1993 Residential Energy Consumption Survey.

**Table 50. Expenditures by End Uses, per Texas Households, 1993**

Characteristics	All Uses		Space Heating		Air Conditioning		Water Heating		Refrigerators		Appliances		RSE Row Factors
	Households (mil- lion)	Expend- itures (dol- lars)	House- holds (mil- lion)	Expend- itures (dol- lars)	House- holds (mil- lion)	Expend- itures (dol- lars)	House- holds (mil- lion)	Expend- itures (dol- lars)	House- holds (mil- lion)	Expend- itures (dol- lars)	House- holds (mil- lion)	Expend- itures (dol- lars)	
	1.1	0.8	1.1	1.0 <sup>1</sup>	1.3	1.2 <sup>1</sup>	1.1	0.7 <sup>1</sup>	1.1	0.9 <sup>1</sup>	1.1	1.0 <sup>1</sup>	
<b>Total State</b> .....	6.4	1,349	6.4	288	5.8	287	6.4	161	6.4	151	6.4	494	6.3
<b>Climate Zone<sup>2</sup></b>													
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
2,000 CDD or More and Under 4,000 HDD .....	6.0	1,353	6.0	276	5.4	294	6.0	163	6.0	154	6.0	496	7.7
<b>Type of Housing Unit</b>													
Single-Family .....	4.9	1,505	4.9	327	4.3	320	4.9	168	4.9	162	4.9	568	4.5
Mobile Home .....	0.3	1,428	0.3	229	0.3	377	0.3	211	0.3	120	0.3	514	23.5
Multifamily (2 or more units) .....	1.3	728	1.3	148	1.2	146	1.3	124	1.3	115	1.3	206	7.7
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	2.0	892	2.0	186	1.7	179	2.0	134	2.0	124	2.0	298	9.3
1,000 to 1,999 .....	3.1	1,359	3.1	300	2.7	275	3.1	163	3.1	148	3.1	506	6.0
2,000 or More .....	1.3	2,033	1.3	417	1.3	459	1.3	197	1.3	202	1.3	769	8.7
<b>Ownership of Unit</b>													
Owned .....	4.0	1,590	3.9	340	3.6	345	4.0	174	4.0	167	4.0	598	5.6
Rented .....	2.5	965	2.5	204	2.2	192	2.5	140	2.5	126	2.5	329	7.1
<b>Year of Construction</b>													
1939 or Before .....	1.0	1,086	1.0	337	0.7	188	0.9	114	1.0	140	1.0	361	8.4
1940 to 1979 .....	3.5	1,283	3.5	275	3.1	264	3.5	160	3.5	147	3.5	468	5.6
1980 or After <sup>3</sup> .....	2.0	1,599	2.0	286	1.9	363	2.0	185	2.0	164	2.0	609	7.4
<b>1993 Family Income</b>													
Less than \$10,000 .....	0.9	847	0.9	232	0.7	133	0.9	104	0.9	123	0.9	289	11.4
\$10,000 to \$19,999 .....	1.5	1,085	1.5	231	1.2	217	1.5	150	1.5	133	1.5	393	13.2
\$20,000 to \$34,999 .....	1.5	1,319	1.5	284	1.3	270	1.5	156	1.4	150	1.5	490	9.7
\$35,000 to \$49,999 .....	1.2	1,509	1.2	324	1.2	324	1.2	177	1.2	145	1.2	549	10.4
\$50,000 or More .....	1.4	1,850	1.4	356	1.4	415	1.4	200	1.4	196	1.4	694	14.0
<b>Below Poverty Line</b>													
100 Percent .....	1.1	898	1.1	212	0.8	133	1.0	127	1.1	122	1.1	342	12.0
125 Percent .....	1.3	976	1.3	213	1.0	164	1.3	141	1.3	124	1.3	375	12.4
150 Percent .....	1.7	972	1.7	216	1.3	167	1.6	145	1.7	121	1.7	362	11.7
<b>Age of Householder</b>													
Under 35 Years .....	2.0	1,141	2.0	224	1.8	244	2.0	163	2.0	131	2.0	407	8.8
35 to 59 Years .....	2.9	1,532	2.9	314	2.7	326	2.9	186	2.9	158	2.9	573	7.3
60 Years and Over .....	1.5	1,273	1.5	320	1.3	265	1.5	110	1.5	165	1.5	460	11.9
<b>Household Size</b>													
1 Person .....	1.6	905	1.6	251	1.3	185	1.5	96	1.6	124	1.6	280	7.7
2 to 4 Persons .....	4.1	1,454	4.1	300	3.8	311	4.1	174	4.1	160	4.1	536	5.4
5 or More Persons .....	0.8	1,693	0.8	294	0.7	359	0.8	223	0.8	156	0.8	710	11.3

<sup>1</sup> This factor is underestimated because it contains no error for estimating this end use.

<sup>2</sup> Climate zones are based on annual degree-days that are averaged over 30 years from 1961 to 1990.

<sup>3</sup> 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: • 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.

• Consumption and Expenditure data are for major energy sources which include: electricity, natural gas, fuel oil, kerosene, and liquefied petroleum gas. • See "Glossary" in *Household Energy Consumption and Expenditures 1993* for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 1993 Residential Energy Consumption Survey.

**Table 51. Total Electricity and Natural Gas Consumption and Expenditures for Space Heating in Texas Households, 1993**

Characteristics	Electricity				Natural Gas				RSE Row Factors
	Households (million)	Total Consumed		Total Expenditures (billion dollars)	Households (million)	Total Consumed		Total Expenditures (billion dollars)	
		(trillion Btu)	(billion kWh)			(trillion Btu)	(billion cubic feet)		
RSE Column Factor:	0.8	1.0 <sup>1</sup>	1.0 <sup>1</sup>	1.1 <sup>1</sup>	0.8	1.2 <sup>1</sup>	1.2 <sup>1</sup>	1.0 <sup>1</sup>	
<b>Total State</b> .....	3.2	33.4	9.8	0.75	3.7	180.8	176	0.99	16.2
<b>Climate Zone<sup>2</sup></b>									
Under 2,000 CDD and									
Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	NF
2,000 CDD or More and									
Under 4,000 HDD .....	3.0	31.7	9.3	0.72	3.3	147.8	144	0.84	16.8
<b>Type of Housing Unit</b>									
Single-Family .....	2.1	25.8	7.6	0.57	3.3	168.8	164	0.93	17.0
Mobile Home .....	Q	Q	Q	Q	Q	Q	Q	Q	NF
Multifamily (2 or more units) .....	1.0	6.3	1.9	0.15	0.3	7.0	7	0.04	19.0
<b>Heated Floorspace (square feet)</b>									
Fewer than 1,000 .....	1.1	7.5	2.2	0.17	0.9	31.2	30	0.18	20.6
1,000 to 1,999 .....	1.4	15.5	4.5	0.35	2.0	95.1	93	0.53	21.3
2,000 or More .....	0.7	10.3	3.0	0.23	0.8	54.5	53	0.29	17.1
<b>Ownership of Unit</b>									
Owned .....	1.7	23.5	6.9	0.52	2.5	132.3	129	0.73	17.1
Rented .....	1.4	9.8	2.9	0.23	1.2	48.5	47	0.26	17.2
<b>Year of Construction</b>									
1939 or Before .....	0.4	2.8	0.8	0.06	0.8	42.2	41	0.23	22.6
1940 to 1979 .....	1.7	18.5	5.4	0.41	1.9	86.4	84	0.48	19.2
1980 or After <sup>3</sup> .....	1.1	12.0	3.5	0.28	1.0	52.2	51	0.28	20.7
<b>1993 Family Income</b>									
Less than \$10,000 .....	0.4	3.2	0.9	0.07	0.5	23.5	23	0.13	31.7
\$10,000 to \$19,999 .....	0.6	5.3	1.6	0.12	0.9	34.1	33	0.19	24.5
\$20,000 to \$34,999 .....	0.8	6.6	1.9	0.15	0.8	41.9	41	0.23	27.4
\$35,000 to \$49,999 .....	0.6	7.9	2.3	0.17	0.7	39.6	38	0.21	29.5
\$50,000 or More .....	0.8	10.4	3.0	0.24	0.8	41.8	41	0.24	29.0
<b>Below Poverty Line</b>									
100 Percent .....	0.5	2.6	0.8	0.06	0.6	24.8	24	0.14	25.3
125 Percent .....	0.5	2.7	0.8	0.06	0.8	32.3	31	0.19	23.3
150 Percent .....	0.8	5.1	1.5	0.11	0.9	37.9	37	0.22	21.6
<b>Age of Householder</b>									
Under 35 Years .....	1.1	7.4	2.2	0.17	1.1	49.8	48	0.27	22.5
35 to 59 Years .....	1.5	19.0	5.6	0.43	1.6	77.1	75	0.42	19.9
60 Years and Over .....	0.6	7.0	2.0	0.15	1.0	53.9	52	0.30	25.0
<b>Household Size</b>									
1 Person .....	0.9	8.2	2.4	0.18	0.7	34.5	34	0.19	18.8
2 to 4 Persons .....	2.0	21.4	6.3	0.49	2.5	122.7	119	0.67	19.1
5 or More Persons .....	0.3	3.8	1.1	0.08	0.5	23.5	23	0.14	22.6

<sup>1</sup> This factor is underestimated because it contains no error for estimating this end use.

<sup>2</sup> Climate zones are based on annual degree-days that are averaged over 30 years from 1961 to 1990.

<sup>3</sup> 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: • 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" in *Household Energy Consumption and Expenditures 1993* 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, E, and F of the 1993 Residential Energy Consumption Survey.

**Table 52. Electricity Consumption and Expenditures for Main Space Heating, per Texas Households, 1993**

Characteristics	Households (million)	Consumption		Expenditures (dollars)	Heated Floorspace (square feet)	Annual Heating Degree-Days		Electricity Space-Heating Intensity		RSE Row Factors
		(million Btu)	(kWh)			1993	30-Year Average <sup>2</sup>	Consumption (kWh/HDD* 1000 square feet)	Expenditures (cents/HDD* 1000 square feet)	
RSE Column Factor:	1.6	1.0 <sup>1</sup>	1.0 <sup>1</sup>	1.0 <sup>1</sup>	0.8	0.9	0.8	1.1 <sup>1</sup>	1.1 <sup>1</sup>	
<b>Total State</b> .....	2.4	13.2	3,874	296	1,395	2,029	1,968	1.37	10.5	9.4
<b>Climate Zone<sup>2</sup></b>										
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
2,000 CDD or More and Under 4,000 HDD .....	2.4	12.8	3,759	292	1,396	1,981	1,932	1.36	10.6	9.7
<b>Type of Housing Unit</b>										
Single-Family .....	1.4	18.2	5,334	400	1,858	2,092	2,028	1.37	10.3	9.8
Mobile Home .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Multifamily (2 or more units) .....	1.0	6.2	1,829	149	784	1,904	1,859	1.23	10.0	10.3
<b>Heated Floorspace (square feet)</b>										
Fewer than 1,000 .....	1.0	7.5	2,211	169	688	1,878	1,839	1.71	13.1	11.3
1,000 to 1,999 .....	1.0	15.0	4,394	339	1,423	2,191	2,090	1.41	10.9	10.5
2,000 or More .....	0.5	20.9	6,130	463	2,755	1,994	1,974	1.12	8.4	11.3
<b>Ownership of Unit</b>										
Owned .....	1.2	18.9	5,545	416	1,947	2,154	2,077	1.32	9.9	9.3
Rented .....	1.2	7.7	2,263	181	862	1,909	1,864	1.38	11.0	11.7
<b>Year of Construction</b>										
1939 or Before .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
1940 to 1979 .....	1.4	13.0	3,823	291	1,277	2,058	1,992	1.45	11.1	11.0
1980 or After <sup>3</sup> .....	0.9	12.7	3,711	289	1,589	1,996	1,942	1.17	9.1	12.8
<b>1993 Family Income</b>										
Less than \$10,000 .....	0.3	9.7	2,835	196	802	1,874	1,826	1.89	13.1	17.7
\$10,000 to \$19,999 .....	0.4	10.8	3,161	246	989	1,919	1,851	1.67	12.9	14.7
\$20,000 to \$34,999 .....	0.6	11.2	3,292	260	1,259	2,063	2,000	1.27	10.0	14.9
\$35,000 to \$49,999 .....	0.5	16.0	4,691	348	1,767	2,167	2,102	1.22	9.1	15.1
\$50,000 or More .....	0.6	16.5	4,823	378	1,830	2,049	1,993	1.29	10.1	12.7
<b>Below Poverty Line</b>										
100 Percent .....	0.3	7.4	2,171	175	818	1,734	1,725	1.53	12.3	15.9
125 Percent .....	0.3	7.3	2,142	172	809	1,756	1,741	1.51	12.1	16.3
150 Percent .....	0.5	9.3	2,724	194	882	2,023	1,941	1.53	10.9	15.3
<b>Age of Householder</b>										
Under 35 Years .....	0.9	7.8	2,300	183	982	1,856	1,838	1.26	10.1	12.0
35 to 59 Years .....	1.1	16.5	4,847	369	1,746	2,202	2,105	1.26	9.6	9.8
60 Years and Over .....	0.4	16.4	4,807	356	1,380	1,954	1,892	1.78	13.2	14.9
<b>Household Size</b>										
1 Person .....	0.8	10.7	3,137	235	958	2,074	1,989	1.58	11.8	12.4
2 to 4 Persons .....	1.4	14.2	4,153	320	1,520	1,999	1,953	1.37	10.5	9.9
5 or More Persons .....	0.2	15.4	4,526	346	2,030	2,070	1,996	1.08	8.2	17.7

See footnotes at end of table.

**Table 52. Electricity Consumption and Expenditures for Main Space Heating, per Texas Households, 1993 (Continued)**

Characteristics	Households (million)	Consumption		Expenditures (dollars)	Heated Floorspace (square feet)	Annual Heating Degree-Days		Electricity Space-Heating Intensity		RSE Row Factors
		(million Btu)	(kWh)			1993	30-Year Average <sup>2</sup>	Consumption (kWh/HDD* 1000 square feet)	Expenditures (cents/HDD* 1000 square feet)	
RSE Column Factor:										
<b>Main Heating Equipment</b>										
<b>Using Electricity</b>										
Central Warm-Air Furnace .....	1.6	13.1	3,828	294	1,323	2,054	1,981	1.41	10.8	11.5
Built-In Electric Units .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Heat Pump .....	0.6	14.6	4,276	325	1,779	1,959	1,935	1.23	9.3	10.9
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Age of Main Heating Equipment</b>										
Less than 5 Years .....	0.6	14.3	4,186	312	1,527	1,953	1,938	1.40	10.5	15.9
5 to 9 Years .....	0.3	20.5	6,007	433	2,187	2,346	2,204	1.17	8.4	16.8
10 to 19 Years .....	0.5	16.4	4,819	370	1,553	2,107	2,024	1.47	11.3	13.2
20 Years or More .....	0.2	13.0	3,818	319	1,305	1,909	1,861	1.53	12.8	26.5
Don't Know .....	0.8	7.4	2,175	176	898	1,938	1,885	1.25	10.1	11.4
<b>Secondary Heating Fuel (more than one may apply)</b>										
No .....	1.3	10.1	2,974	227	1,063	1,880	1,860	1.49	11.3	13.2
Yes .....	1.2	16.6	4,856	372	1,757	2,191	2,087	1.26	9.7	9.3
Wood .....	0.8	17.8	5,218	389	1,920	2,321	2,202	1.17	8.7	9.4
Electricity .....	0.3	11.8	3,448	288	1,272	1,846	1,781	1.47	12.3	14.1
Natural Gas .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Kerosene .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Average Electricity Expenditures for Main Space Heat (cents per kWh)</b>										
Less than 6 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
6 to Less than 9 .....	1.9	14.3	4,197	317	1,460	2,107	2,031	1.36	10.3	11.2
9 or More .....	0.5	7.5	2,201	207	1,162	1,547	1,583	1.22	11.5	9.8
<b>Adequacy of Insulation</b>										
Well Insulated .....	0.8	16.2	4,743	358	1,891	2,153	2,096	1.17	8.8	12.0
Adequately Insulated .....	1.2	12.3	3,593	278	1,199	2,024	1,944	1.48	11.5	9.1
Poorly Insulated .....	0.4	10.5	3,087	235	1,053	1,812	1,800	1.62	12.3	15.9

<sup>1</sup> This factor is underestimated because it contains no error for estimating this end use.

<sup>2</sup> The 30-year average and climate zones are based on annual degree-days that are averaged over 30 years from 1961 to 1990.

<sup>3</sup> 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: • 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" in *Household Energy Consumption and Expenditures 1993* 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, and E of the 1993 Residential Energy Consumption Survey.

**Table 53. Natural Gas Consumption and Expenditures for Main Space Heating, per Texas Households, 1993**

Characteristics	Households (million)	Consumption		Expenditures (dollars)	Heated Floorspace (square feet)	Annual Heating Degree-Days		Natural Gas Space-Heating Intensity		RSE Row Factors
		(million Btu)	(1000 cubic feet)			1993	30-Year Average <sup>2</sup>	Consumption (cubic feet/HDD*1000 square feet)	Expenditures (cents/HDD*1000 square feet)	
RSE Column Factor:	1.4	1.0 <sup>1</sup>	1.0 <sup>1</sup>	0.8 <sup>1</sup>	0.5	1.4	1.3	0.8 <sup>1</sup>	1.1 <sup>1</sup>	
<b>Total State</b> .....	3.6	50.0	48.6	274	1,539	2,724	2,549	11.6	6.5	11.8
<b>Climate Zone<sup>2</sup></b>										
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
2,000 CDD or More and Under 4,000 HDD .....	3.2	45.8	44.5	258	1,519	2,420	2,324	12.1	7.0	12.0
<b>Type of Housing Unit</b>										
Single-Family .....	3.1	53.1	51.7	292	1,635	2,726	2,544	11.6	6.5	11.6
Mobile Home .....	Q	27.5	26.7	161	942	Q	2,128	13.1	7.9	47.6
Multifamily (2 or more units) .....	0.3	27.8	27.1	141	778	3,101	2,907	11.2	5.8	16.2
<b>Heated Floorspace (square feet)</b>										
Fewer than 1,000 .....	0.9	35.6	34.7	200	751	2,772	2,616	16.7	9.6	12.6
1,000 to 1,999 .....	1.9	47.9	46.6	263	1,420	2,679	2,509	12.2	6.9	10.2
2,000 or More .....	0.8	72.2	70.2	388	2,762	2,785	2,571	9.1	5.0	12.2
<b>Ownership of Unit</b>										
Owned .....	2.4	54.5	53.0	299	1,728	2,621	2,476	11.7	6.6	11.6
Rented .....	1.2	41.0	39.9	224	1,159	2,931	2,695	11.7	6.6	12.3
<b>Year of Construction</b>										
1939 or Before .....	0.7	55.5	54.0	307	1,372	2,875	2,642	13.7	7.8	14.3
1940 to 1979 .....	1.8	46.2	45.0	258	1,343	2,680	2,525	12.5	7.2	12.9
1980 or After <sup>3</sup> .....	1.0	52.9	51.4	281	2,028	2,694	2,522	9.4	5.1	11.7
<b>1993 Family Income</b>										
Less than \$10,000 .....	0.5	47.6	46.3	262	1,053	3,221	2,897	13.7	7.7	18.5
\$10,000 to \$19,999 .....	0.8	39.2	38.2	220	1,212	2,412	2,327	13.1	7.5	13.7
\$20,000 to \$34,999 .....	0.8	51.2	49.8	278	1,482	2,855	2,672	11.8	6.6	13.7
\$35,000 to \$49,999 .....	0.7	57.4	55.8	303	1,779	2,864	2,659	11.0	5.9	13.5
\$50,000 or More .....	0.7	55.6	54.1	313	2,064	2,479	2,335	10.6	6.1	13.2
<b>Below Poverty Line</b>										
100 Percent .....	0.6	40.8	39.7	231	1,082	2,630	2,448	13.9	8.1	15.6
125 Percent .....	0.8	40.1	39.0	230	1,063	2,629	2,444	14.0	8.2	15.4
150 Percent .....	0.9	40.5	39.4	230	1,054	2,775	2,566	13.5	7.9	15.7
<b>Age of Householder</b>										
Under 35 Years .....	1.1	47.0	45.7	255	1,293	2,775	2,608	12.7	7.1	13.9
35 to 59 Years .....	1.6	48.4	47.1	265	1,642	2,616	2,466	11.0	6.2	11.8
60 Years and Over .....	0.9	56.2	54.6	312	1,647	2,848	2,619	11.6	6.7	15.4
<b>Household Size</b>										
1 Person .....	0.7	48.2	46.9	268	1,202	3,198	2,926	12.2	7.0	15.2
2 to 4 Persons .....	2.3	51.5	50.1	279	1,622	2,627	2,482	11.8	6.5	12.1
5 or More Persons .....	0.5	45.5	44.2	262	1,614	2,529	2,346	10.8	6.4	10.8

See footnotes at end of table.

**Table 53. Natural Gas Consumption and Expenditures for Main Space Heating, per Texas Households, 1993 (Continued)**

Characteristics	Households (million)	Consumption		Expenditures (dollars)	Heated Floorspace (square feet)	Annual Heating Degree-Days		Natural Gas Space-Heating Intensity		RSE Row Factors
		(million Btu)	(1000 cubic feet)			1993	30-Year Average <sup>2</sup>	Consumption (cubic feet/HDD*1000 square feet)	Expenditures (cents/HDD*1000 square feet)	
RSE Column Factor:	1.4	1.0 <sup>1</sup>	1.0 <sup>1</sup>	0.8 <sup>1</sup>	0.5	1.4	1.3	0.8 <sup>1</sup>	1.1 <sup>1</sup>	
<b>Main Heating Equipment Using Natural Gas</b>										
Central Warm-Air Furnace	2.3	52.6	51.2	286	1,765	2,682	2,519	10.8	6.0	11.0
Steam or Hot-Water System	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Floor, Wall, or Pipeless Furnace	0.4	49.9	48.6	263	1,053	3,557	3,260	13.0	7.0	17.9
Room Heater/Other	0.8	38.2	37.1	229	1,086	2,274	2,141	15.0	9.3	14.8
<b>Age of Main Heating Equipment</b>										
Less than 5 Years	0.6	52.9	51.4	297	1,817	2,447	2,326	11.6	6.7	12.4
5 to 9 Years	0.7	51.3	49.9	287	1,723	2,485	2,347	11.6	6.7	10.8
10 to 19 Years	1.0	46.9	45.7	259	1,516	2,681	2,522	11.2	6.4	13.8
20 Years or More	0.8	54.1	52.6	285	1,402	2,941	2,711	12.8	6.9	18.2
Don't Know	0.5	44.3	43.1	242	1,205	3,125	2,886	11.5	6.4	19.7
<b>Secondary Heating Fuel (more than one may apply)</b>										
No	1.6	56.9	55.4	304	1,901	2,740	2,545	10.6	5.8	13.1
Yes	2.0	44.6	43.4	251	1,256	2,711	2,552	12.7	7.4	11.9
Wood	0.7	61.5	59.8	321	2,200	2,664	2,488	10.2	5.5	13.2
Electricity	0.5	56.6	55.0	297	1,842	2,644	2,463	11.3	6.1	16.6
Kerosene	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Other	0.6	54.6	53.2	303	1,866	2,755	2,536	10.3	5.9	15.0
<b>Average Natural Gas Expenditures for Main Space Heat (dollars per 1000 cf)</b>										
Less than 4.50	Q	Q	Q	Q	1,474	4,293	3,901	Q	Q	24.9
4.50 to Less than 6	1.3	54.8	53.3	294	1,687	2,616	2,413	12.1	6.7	17.9
6 or More	1.7	38.8	37.8	252	1,453	2,291	2,206	11.3	7.6	10.2
<b>Adequacy of Insulation</b>										
Well Insulated	1.4	54.5	53.0	289	1,721	2,784	2,588	11.1	6.0	13.3
Adequately Insulated	1.3	51.2	49.8	280	1,511	2,824	2,656	11.7	6.6	12.6
Poorly Insulated	0.9	41.5	40.4	244	1,300	2,493	2,337	12.5	7.5	12.5

<sup>1</sup> This factor is underestimated because it contains no error for estimating this end use.

<sup>2</sup> The 30-year average and climate zones are based on annual degree-days that are averaged over 30 years from 1961 to 1990.

<sup>3</sup> 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: • 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" in *Household Energy Consumption and Expenditures 1993* 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, and F of the 1993 Residential Energy Consumption Survey.



**Table 54. Electricity Consumption and Expenditures for All Air Conditioning and Central Air Conditioning, Texas Households, 1993**

Characteristics	Electricity Used for All Air Conditioning			Electricity Used for Central Air Conditioning <sup>2</sup>									RSE Row Factors
	Households (million)	Total Consumption (trillion Btu)	Total Expenditures (billion dollars)	Households (million)	per Household								
					Consumption		Expenditures (dollars)	Cooled Floor-space (square feet)	Annual Cooling Degree-Days		Electric Air-Conditioning Intensity		
					(million Btu)	(kWh)			1993	30-Year Average <sup>3</sup>	Consumption (kWh/CDD*1000 square feet)	Expenditures (cents/CDD*1000 square feet)	
RSE Column Factor:	1.1	1.6 <sup>1</sup>	1.7 <sup>1</sup>	1.3	0.8 <sup>1</sup>	0.8 <sup>1</sup>	0.9 <sup>1</sup>	0.8	0.6	0.6	0.9 <sup>1</sup>	1.0 <sup>1</sup>	
<b>Total State</b> .....	5.8	69.4	1.65	4.4	13.9	4,062	330	1,838	2,608	2,564	0.85	6.9	6.6
<b>Climate Zone<sup>3</sup></b>													
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
2,000 CDD or More and Under 4,000 HDD .....	5.4	66.7	1.60	4.1	14.1	4,145	339	1,806	2,682	2,627	0.86	7.0	7.1
<b>Type of Housing Unit</b>													
Single-Family .....	4.3	57.8	1.38	3.1	16.3	4,768	388	2,258	2,555	2,510	0.83	6.7	7.5
Mobile Home .....	0.3	4.4	0.11	0.2	16.7	4,894	396	1,045	2,553	2,517	1.83	14.8	18.9
Multifamily (2 or more units) .....	1.2	7.2	0.17	1.1	6.4	1,866	151	823	2,771	2,731	0.82	6.6	7.6
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	1.7	12.9	0.31	1.1	8.3	2,443	199	783	2,707	2,655	1.15	9.4	10.2
1,000 to 1,999 .....	2.7	31.3	0.75	2.0	13.2	3,867	319	1,705	2,571	2,538	0.88	7.3	7.0
2,000 or More .....	1.3	25.2	0.59	1.2	20.2	5,928	474	3,064	2,576	2,522	0.75	6.0	9.0
<b>Ownership of Unit</b>													
Owned .....	3.6	52.1	1.24	2.7	16.8	4,936	400	2,250	2,591	2,542	0.85	6.9	6.9
Rented .....	2.2	17.3	0.42	1.6	8.9	2,615	214	1,157	2,637	2,601	0.86	7.0	8.1
<b>Year of Construction</b>													
1939 or Before .....	0.7	6.1	0.14	0.2	16.2	4,739	335	2,011	2,479	2,446	0.95	6.7	18.5
1940 to 1979 .....	3.1	34.2	0.82	2.3	12.2	3,586	295	1,617	2,631	2,585	0.84	6.9	8.8
1980 or After <sup>4</sup> .....	1.9	29.1	0.69	1.9	15.6	4,569	372	2,091	2,596	2,553	0.84	6.9	8.2
<b>1993 Family Income</b>													
Less than \$10,000 .....	0.7	4.1	0.09	0.4	7.1	2,073	159	1,201	2,488	2,495	0.69	5.3	16.7
\$10,000 to \$19,999 .....	1.2	11.3	0.27	0.7	11.9	3,482	277	1,340	2,657	2,616	0.98	7.8	11.0
\$20,000 to \$34,999 .....	1.3	14.4	0.35	1.0	12.5	3,668	305	1,596	2,645	2,588	0.87	7.2	10.6
\$35,000 to \$49,999 .....	1.2	15.7	0.37	1.0	14.3	4,203	339	2,090	2,489	2,439	0.81	6.5	12.7
\$50,000 or More .....	1.4	23.8	0.57	1.3	17.9	5,246	429	2,314	2,687	2,639	0.84	6.9	10.9
<b>Below Poverty Line</b>													
100 Percent .....	0.8	4.3	0.10	0.4	6.6	1,935	159	1,147	2,636	2,649	0.64	5.3	20.1
125 Percent .....	1.0	6.9	0.17	0.5	8.3	2,429	207	1,147	2,588	2,599	0.82	7.0	19.0
150 Percent .....	1.3	9.3	0.22	0.7	8.7	2,546	206	1,182	2,559	2,559	0.84	6.8	15.9
<b>Age of Householder</b>													
Under 35 Years .....	1.8	17.8	0.44	1.4	10.7	3,150	263	1,343	2,650	2,607	0.88	7.4	9.2
35 to 59 Years .....	2.7	37.7	0.89	2.1	16.1	4,708	375	2,061	2,588	2,536	0.88	7.0	7.5
60 Years and Over .....	1.3	13.8	0.33	0.9	13.7	4,027	332	2,133	2,586	2,561	0.73	6.0	15.1

See footnotes at end of table.

**Table 54. Electricity Consumption and Expenditures for All Air Conditioning and Central Air Conditioning, Texas Households, 1993 (Continued)**

Characteristics	Electricity Used for All Air Conditioning			Electricity Used for Central Air Conditioning <sup>2</sup>									RSE Row Factors
	Households (million)	Total Consumption (trillion Btu)	Total Expenditures (billion dollars)	Households (million)	per Household								
					Consumption		Expenditures (dollars)	Cooled Floor-space (square feet)	Annual Cooling Degree-Days		Electric Air-Conditioning Intensity		
					(million Btu)	(kWh)			1993	30-Year Average <sup>3</sup>	Consumption (kWh/CDD*1000 square feet)	Expenditures (cents/CDD*1000 square feet)	
RSE Column Factor:	1.1	1.6 <sup>1</sup>	1.7 <sup>1</sup>	1.3	0.8 <sup>1</sup>	0.8 <sup>1</sup>	0.9 <sup>1</sup>	0.8	0.6	0.6	0.9 <sup>1</sup>	1.0 <sup>1</sup>	
<b>Household Size</b>													
1 Person .....	1.3	10.4	0.24	1.0	9.3	2,731	218	1,234	2,592	2,554	0.85	6.8	10.7
2 to 4 Persons .....	3.8	48.7	1.17	2.9	14.8	4,332	353	1,982	2,615	2,569	0.84	6.8	7.8
5 or More Persons .....	0.7	10.2	0.24	0.5	17.5	5,142	421	2,206	2,602	2,556	0.90	7.3	11.0
<b>Cooling Degree-Days (CDD)-1993</b>													
2,000 or More .....	4.9	63.2	1.53	3.7	14.8	4,346	359	1,828	2,792	2,747	0.85	7.0	7.8
1,000 to 1,999 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
500 to 999 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Fewer than 500 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Average Electricity Expenditures (cents per kWh)</b>													
Less than 6 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
6 to Less than 9 .....	4.1	51.5	1.17	3.1	14.3	4,177	323	1,854	2,587	2,528	0.87	6.7	8.4
9 or More .....	1.5	16.4	0.46	1.2	13.0	3,807	362	1,768	2,765	2,760	0.78	7.4	10.6
<b>Number of Rooms Usually Air Conditioned</b>													
1 to 3 .....	1.6	7.7	0.18	0.8	6.0	1,745	141	667	2,781	2,726	0.94	7.6	8.0
4 to 6 .....	3.0	37.0	0.88	2.4	13.3	3,901	317	1,761	2,526	2,494	0.88	7.1	9.4
7 or More .....	1.2	24.6	0.59	1.2	20.3	5,953	485	2,786	2,663	2,601	0.80	6.5	10.9
<b>Frequency of Use of Air Conditioning<sup>5</sup></b>													
Only a Few Times .....	1.6	7.4	0.18	1.0	5.6	1,630	137	1,411	2,513	2,487	0.46	3.9	10.9
Quite a Bit .....	0.9	9.0	0.21	0.6	11.5	3,373	256	1,910	2,369	2,296	0.75	5.7	13.2
All Summer .....	3.3	53.1	1.27	2.9	17.1	5,016	410	1,968	2,687	2,643	0.95	7.7	7.4
<b>Age of Air Conditioning Equipment<sup>5</sup></b>													
Less than 5 Years .....	1.6	18.1	0.43	0.9	14.6	4,284	346	2,063	2,659	2,607	0.78	6.3	8.9
5 to 9 Years .....	1.3	17.7	0.42	0.9	17.8	5,204	420	2,209	2,561	2,497	0.92	7.4	12.5
10 or More Years .....	1.6	22.5	0.54	1.4	14.6	4,274	349	2,030	2,559	2,530	0.82	6.7	8.1
Don't Know .....	1.1	10.3	0.25	1.0	9.5	2,792	231	1,126	2,716	2,682	0.91	7.6	12.0

<sup>1</sup> This factor is underestimated because it contains no error for estimating this end use.

<sup>2</sup> Some households have a central air conditioner and one or more room air conditioners. These households are included only under central air conditioners and not included under room air conditioners.

<sup>3</sup> The 30-year average and climate zones are based on annual degree-days that are averaged over 30 years from 1961 to 1990.

<sup>4</sup> Does not include all new construction for 1993.

<sup>5</sup> If a household has both a central and room air conditioner then the usage and age of the equipment is presented only for the central unit.

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. • This table reflects only those households that used their air conditioning equipment. See Appendix B, "Quality of the Data," in *Household Energy Consumption and Expenditures 1993* for a discussion of households that had air-conditioning equipment but did not use it. • See "Glossary" in *Household Energy Consumption and Expenditures 1993* 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, and E of the 1993 Residential Energy Consumption Survey.

**Table 55. Electricity Consumption and Expenditures for Room Air Conditioning, per Texas Households, 1993**

Characteristics	Households (million)	Consumption		Expenditures (dollars)	Cooled Floorspace (square feet)	Annual Cooling Degree-Days		Electric Air-Conditioning Intensity		RSE Row Factors
		(million Btu)	(kWh)			1993	30-Year Average <sup>2</sup>	Consumption (kWh/CDD*1000 square feet)	Expenditures (cents/CDD*1000 square feet)	
<b>Total State</b> .....	1.4	6.3	1,843	152	854	2,589	2,568	0.83	6.9	12.1
<b>Climate Zone<sup>2</sup></b>										
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
2,000 CDD or More and Under 4,000 HDD .....	1.3	6.4	1,885	155	847	2,657	2,624	0.84	6.9	12.1
<b>Type of Housing Unit</b>										
Single-Family .....	1.2	6.4	1,884	154	896	2,574	2,556	0.82	6.7	12.8
Mobile Home .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Multifamily (2 or more units) .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Heated Floorspace (square feet)</b>										
Fewer than 1,000 .....	0.6	5.7	1,674	141	578	2,654	2,622	1.09	9.2	13.8
1,000 to 1,999 .....	0.7	6.4	1,864	152	1,029	2,522	2,508	0.72	5.9	13.4
2,000 or More .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Ownership of Unit</b>										
Owned .....	0.9	7.1	2,091	171	994	2,499	2,489	0.84	6.9	12.0
Rented .....	0.5	4.9	1,436	120	624	2,738	2,698	0.84	7.0	14.2
<b>Year of Construction</b>										
1939 or Before .....	0.5	5.0	1,463	122	885	2,585	2,593	0.64	5.3	13.6
1940 to 1979 .....	0.8	7.3	2,149	176	866	2,567	2,534	0.97	7.9	13.6
1980 or After <sup>3</sup> .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>1993 Family Income</b>										
Less than \$10,000 .....	0.3	3.7	1,093	92	689	2,392	2,405	0.66	5.6	14.8
\$10,000 to \$19,999 .....	0.6	6.0	1,749	144	723	2,673	2,651	0.91	7.5	15.6
\$20,000 to \$34,999 .....	0.3	6.6	1,923	157	924	2,597	2,549	0.80	6.5	16.1
\$35,000 to \$49,999 .....	0.2	9.6	2,822	233	1,355	2,540	2,514	0.82	6.8	18.4
\$50,000 or More .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Below Poverty Line</b>										
100 Percent .....	0.4	4.6	1,338	111	648	2,543	2,533	0.81	6.8	13.7
125 Percent .....	0.6	5.1	1,507	125	705	2,523	2,515	0.85	7.0	14.1
150 Percent .....	0.7	5.2	1,528	126	692	2,527	2,511	0.87	7.2	14.4
<b>Age of Householder</b>										
Under 35 Years .....	0.3	6.8	1,989	161	720	2,654	2,600	1.04	8.4	10.3
35 to 59 Years .....	0.6	6.7	1,978	163	872	2,627	2,606	0.86	7.1	12.8
60 Years and Over .....	0.4	5.2	1,513	126	937	2,478	2,484	0.65	5.4	18.7
<b>Household Size</b>										
1 Person .....	0.3	3.6	1,051	89	759	2,501	2,522	0.55	4.7	17.2
2 to 4 Persons .....	0.9	6.9	2,016	167	857	2,587	2,562	0.91	7.5	11.7
5 or More Persons .....	0.2	8.5	2,496	197	1,009	2,759	2,683	0.90	7.1	22.7

See footnotes at end of table.

**Table 55. Electricity Consumption and Expenditures for Room Air Conditioning, per Texas Households, 1993 (Continued)**

Characteristics	Households (million)	Consumption		Expenditures (dollars)	Cooled Floorspace (square feet)	Annual Cooling Degree-Days		Electric Air-Conditioning Intensity		RSE Row Factors
		(million Btu)	(kWh)			1993	30-Year Average <sup>2</sup>	Consumption (kWh/CDD*1000 square feet)	Expenditures (cents/CDD*1000 square feet)	
RSE Column Factor:										
<b>Cooling Degree-Days (CDD)-1993</b>										
2,000 or More .....	1.2	6.5	1,918	160	823	2,758	2,736	0.85	7.0	12.1
1,000 to 1,999 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
500 to 999 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Fewer than 500 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Average Electricity Expenditures (cents per kWh)</b>										
Less than 6 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
6 to Less than 9 .....	1.0	7.0	2,045	165	923	2,586	2,557	0.86	6.9	15.2
9 or More .....	0.3	4.1	1,212	114	641	2,657	2,668	0.71	6.7	16.0
<b>Number of Rooms Usually Air Conditioned</b>										
1 Room .....	0.2	3.1	907	77	273	2,712	2,695	1.23	10.4	9.2
2 Rooms .....	0.3	3.9	1,151	98	491	2,604	2,605	0.90	7.6	13.0
3 or More .....	0.9	7.8	2,291	187	1,107	2,559	2,529	0.81	6.6	14.3
<b>Frequency of Use of Air Conditioning</b>										
Only a Few Times .....	0.6	3.3	981	79	692	2,777	2,717	0.51	4.1	9.1
Quite a Bit .....	Q	7.8	2,295	194	842	2,506	2,518	1.09	9.2	24.4
All Summer .....	0.5	9.0	2,645	217	1,070	2,404	2,411	1.03	8.4	12.8
<b>Age of Air Conditioning Equipment</b>										
Less than 5 Years .....	0.7	6.5	1,908	152	901	2,553	2,504	0.83	6.6	15.6
5 to 9 Years .....	0.4	5.8	1,689	141	742	2,622	2,613	0.87	7.2	15.9
10 or More Years .....	0.2	6.9	2,036	171	1,016	2,645	2,659	0.76	6.4	18.4
Don't Know .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Number of Room Air Conditioners</b>										
1 .....	0.7	4.7	1,380	114	660	2,522	2,496	0.83	6.8	11.5
2 .....	0.3	7.5	2,211	183	840	2,613	2,603	1.01	8.3	17.0
3 or More .....	0.3	8.9	2,605	213	1,375	2,737	2,715	0.69	5.7	17.3

<sup>1</sup> This factor is underestimated because it contains no error for estimating this end use.

<sup>2</sup> The 30-year average and climate zones are based on annual degree-days that are averaged over 30 years from 1961 to 1990.

<sup>3</sup> 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: • 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. • This table reflects only those households that used their air conditioning equipment. See Appendix B, "Quality of the Data," in *Household Energy Consumption and Expenditures 1993* for a discussion of households that had air-conditioning equipment but did not use it. • See "Glossary" in *Household Energy Consumption and Expenditures 1993* 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, and E of the 1993 Residential Energy Consumption Survey.

**Table 56. Total Electricity and Natural Gas Consumption and Expenditures for Water Heating in Texas Households, 1993**

Characteristics	Electricity				Natural Gas				RSE Row Factors
	Households (million)	Total Consumed		Total Expenditures (billion dollars)	Households (million)	Total Consumed		Total Expenditures (billion dollars)	
		(trillion Btu)	(billion kWh)			(trillion Btu)	(billion cubic feet)		
RSE Column Factor:	1.1	1.1 <sup>1</sup>	1.1 <sup>1</sup>	1.2 <sup>1</sup>	0.8	0.9	0.9 <sup>1</sup>	0.8 <sup>1</sup>	
<b>Total State</b> .....	2.3	20.3	5.9	0.47	3.9	96.9	94	0.54	16.0
<b>Climate Zone<sup>2</sup></b>									
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	NF
2,000 CDD or More and Under 4,000 HDD .....	2.2	19.2	5.6	0.45	3.6	88.8	86	0.50	16.9
<b>Type of Housing Unit</b>									
Single-Family .....	1.4	14.3	4.2	0.32	3.3	83.9	82	0.47	16.6
Mobile Home .....	Q	Q	Q	Q	Q	Q	Q	Q	NF
Multifamily (2 or more units) .....	0.7	4.1	1.2	0.10	0.6	10.7	10	0.06	29.1
<b>Heated Floorspace (square feet)</b>									
Fewer than 1,000 .....	0.8	5.6	1.6	0.13	1.1	23.0	22	0.13	21.2
1,000 to 1,999 .....	1.0	9.2	2.7	0.22	2.0	49.3	48	0.27	24.3
2,000 or More .....	0.5	5.5	1.6	0.12	0.8	24.6	24	0.14	13.8
<b>Ownership of Unit</b>									
Owned .....	1.4	14.3	4.2	0.32	2.4	60.8	59	0.34	18.1
Rented .....	0.9	6.0	1.8	0.14	1.6	36.0	35	0.20	17.7
<b>Year of Construction</b>									
1939 or Before .....	0.2	1.1	0.3	0.02	0.7	13.0	13	0.08	22.5
1940 to 1979 .....	1.2	10.7	3.1	0.25	2.2	53.2	52	0.30	21.8
1980 or After <sup>3</sup> .....	0.9	8.5	2.5	0.19	1.0	30.7	30	0.17	16.4
<b>1993 Family Income</b>									
Less than \$10,000 .....	0.3	1.4	0.4	0.03	0.6	10.2	10	0.06	31.5
\$10,000 to \$19,999 .....	0.5	4.4	1.3	0.11	0.9	19.9	19	0.11	26.7
\$20,000 to \$34,999 .....	0.6	4.6	1.3	0.11	0.9	21.1	21	0.12	26.4
\$35,000 to \$49,999 .....	0.5	4.3	1.3	0.09	0.7	21.2	21	0.11	27.4
\$50,000 or More .....	0.5	5.6	1.7	0.13	0.9	24.5	24	0.14	28.0
<b>Below Poverty Line</b>									
100 Percent .....	0.3	1.7	0.5	0.04	0.7	14.3	14	0.08	28.3
125 Percent .....	0.4	3.1	0.9	0.08	0.8	17.3	17	0.10	23.0
150 Percent .....	0.5	4.4	1.3	0.11	1.0	21.3	21	0.12	22.7
<b>Age of Householder</b>									
Under 35 Years .....	0.8	6.4	1.9	0.15	1.2	31.6	31	0.17	20.4
35 to 59 Years .....	1.1	11.8	3.5	0.27	1.7	45.8	45	0.26	19.5
60 Years and Over .....	0.4	2.0	0.6	0.05	1.0	19.5	19	0.11	22.0
<b>Household Size</b>									
1 Person .....	0.6	2.7	0.8	0.06	0.9	14.9	15	0.08	19.5
2 to 4 Persons .....	1.5	14.6	4.3	0.34	2.5	63.8	62	0.35	17.1
5 or More Persons .....	0.2	2.9	0.9	0.07	0.6	18.2	18	0.10	24.1

<sup>1</sup> This factor is underestimated because it contains no error for estimating this end use.

<sup>2</sup> Climate zones are based on annual degree-days that are averaged over 30 years from 1961 to 1990.

<sup>3</sup> 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: • 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" in *Household Energy Consumption and Expenditures 1993* 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, E, and F of the 1993 Residential Energy Consumption Survey.

**Table 57. Electricity and Natural Gas Consumption and Expenditures for Main Water Heating, per Texas Households, 1993**

Characteristics	Electricity					Natural Gas					RSE Row Factors
	Households (million)	Consumption		Expenditures (dollars)	Electricity Water-Heating Intensity (kWh per household member)	Households (million)	Consumption		Expenditures (dollars)	Natural Gas Water-Heating Intensity (1000 cubic feet per household member)	
		(million Btu)	(kWh)				(million Btu)	(1000 cubic feet)			
RSE Column Factor:	2.4	1.0 <sup>1</sup>	1.0 <sup>1</sup>	1.0 <sup>1</sup>	0.8 <sup>1</sup>	1.8	0.7 <sup>1</sup>	0.7 <sup>1</sup>	0.5 <sup>1</sup>	1.1 <sup>1</sup>	
<b>Total State</b> .....	2.2	9.0	2,646	207	1,047	3.9	24.6	23.9	137	8.6	7.6
<b>Climate Zone<sup>2</sup></b>											
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
2,000 CDD or More and Under 4,000 HDD .....	2.1	9.0	2,627	208	1,038	3.6	24.7	24.0	139	8.4	8.2
<b>Type of Housing Unit</b>											
Single-Family .....	1.3	10.5	3,080	234	1,075	3.3	25.6	24.9	144	8.6	7.1
Mobile Home .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Multifamily (2 or more units) .....	0.7	5.8	1,692	141	937	0.6	19.3	18.7	102	10.0	9.4
<b>Heated Floorspace (square feet)</b>											
Fewer than 1,000 .....	0.8	7.0	2,050	165	1,004	1.1	20.8	20.2	116	8.5	10.5
1,000 to 1,999 .....	1.0	9.6	2,804	227	1,075	2.0	24.3	23.6	135	8.2	9.5
2,000 or More .....	0.5	11.4	3,331	238	1,050	0.8	30.4	29.6	172	9.7	10.6
<b>Ownership of Unit</b>											
Owned .....	1.3	10.6	3,118	240	1,102	2.4	25.6	24.9	143	8.9	8.6
Rented .....	0.9	6.6	1,944	159	936	1.6	23.1	22.4	128	8.1	9.2
<b>Year of Construction</b>											
1939 or Before .....	0.1	8.1	2,369	166	1,124	0.7	17.4	16.9	103	8.5	7.9
1940 to 1979 .....	1.2	9.0	2,638	211	1,041	2.2	24.6	23.9	136	8.5	8.9
1980 or After <sup>3</sup> .....	0.9	9.2	2,697	209	1,046	1.0	29.9	29.0	164	8.9	10.7
<b>1993 Family Income</b>											
Less than \$10,000 .....	0.2	5.7	1,665	128	955	0.6	18.1	17.6	98	9.5	13.0
\$10,000 to \$19,999 .....	0.5	8.6	2,532	207	1,070	0.9	21.8	21.2	122	8.0	8.0
\$20,000 to \$34,999 .....	0.6	8.2	2,396	192	1,087	0.9	23.8	23.1	133	8.7	14.1
\$35,000 to \$49,999 .....	0.4	9.9	2,897	215	1,077	0.7	29.5	28.7	159	8.8	12.5
\$50,000 or More .....	0.5	11.2	3,285	255	1,004	0.9	28.6	27.8	165	8.5	14.0
<b>Below Poverty Line</b>											
100 Percent .....	0.3	6.9	2,008	167	815	0.7	20.9	20.4	119	6.9	14.4
125 Percent .....	0.4	8.5	2,486	211	916	0.8	21.0	20.4	120	6.8	15.6
150 Percent .....	0.5	9.1	2,662	219	965	1.0	20.9	20.4	119	6.9	13.2
<b>Age of Householder</b>											
Under 35 Years .....	0.8	8.4	2,450	200	977	1.2	25.6	24.9	140	7.8	10.9
35 to 59 Years .....	1.1	10.6	3,109	239	1,100	1.7	27.4	26.6	153	8.5	9.1
60 Years and Over .....	0.4	5.6	1,639	127	998	1.0	18.9	18.4	108	10.6	10.9
<b>Household Size</b>											
1 Person .....	0.6	4.6	1,346	105	1,346	0.9	16.9	16.5	93	16.5	12.5
2 to 4 Persons .....	1.5	10.0	2,928	230	1,087	2.5	25.7	25.0	142	9.0	7.3
5 or More Persons .....	0.2	15.3	4,470	349	757	0.6	31.6	30.7	181	5.5	11.6

See footnotes at end of table.

**Table 57. Electricity and Natural Gas Consumption and Expenditures for Main Water Heating, per Texas Households, 1993 (Continued)**

Characteristics	Electricity					Natural Gas					RSE Row Factors
	Households (million)	Consumption		Expenditures (dollars)	Electricity Water-Heating Intensity (kWh per household member)	Households (million)	Consumption		Expenditures (dollars)	Natural Gas Water-Heating Intensity (1000 cubic feet per household member)	
		(million Btu)	(kWh)				(million Btu)	(1000 cubic feet)			
RSE Column Factor:	2.4	1.0 <sup>1</sup>	1.0 <sup>1</sup>	1.0 <sup>1</sup>	0.8 <sup>1</sup>	1.8	0.7 <sup>1</sup>	0.7 <sup>1</sup>	0.5 <sup>1</sup>	1.1 <sup>1</sup>	
<b>Average Electricity Expenditures (cents per kWh)</b>											
Less than 6	Q	Q	Q	Q	Q	--	--	--	--	--	NF
6 to Less than 9	1.9	9.1	2,680	206	1,069	--	--	--	--	--	9.0
9 or More	0.3	8.2	2,397	226	862	--	--	--	--	--	11.8
<b>Average Natural Gas Expenditures (dollars per 1000 cf)</b>											
Less than 4.50	--	--	--	--	--	Q	Q	Q	Q	Q	NF
4.50 to Less than 6	--	--	--	--	--	1.6	26.9	26.2	143	9.6	10.1
6 or More	--	--	--	--	--	1.8	21.1	20.5	137	6.8	9.0
<b>Water Heater Used</b>											
For One Housing Unit	2.2	9.1	2,670	209	1,047	3.6	25.2	24.5	141	8.5	7.5
For Two or More Units	Q	Q	Q	Q	Q	0.3	18.1	17.6	97	10.5	11.6
<b>Age of Water Heater (for one housing unit)</b>											
Less than 5 Years	0.7	9.8	2,883	223	1,091	1.2	26.5	25.8	145	8.9	11.2
5 to 9 Years	0.4	10.6	3,121	228	1,070	0.6	27.1	26.4	154	8.9	10.4
10 to 19 Years	0.5	9.0	2,642	209	1,082	0.8	24.4	23.7	137	7.9	11.1
20 Years or More	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Don't Know/No Separate Unit	0.6	7.3	2,142	179	917	0.9	24.1	23.4	135	8.3	10.8
<b>Size of Water Heater (for one housing unit)</b>											
30 gallons or less	0.6	7.4	2,166	169	1,093	0.8	21.6	21.0	127	7.1	9.9
31 to 49 gallons	0.9	9.3	2,716	215	980	1.8	26.4	25.7	144	9.1	10.2
50 gallons or more	0.4	12.6	3,682	277	1,149	0.6	28.1	27.3	163	9.1	13.1
Don't Know/No Separate Unit	0.2	6.8	1,979	168	1,009	0.3	21.1	20.5	113	7.4	14.1
<b>Clothes Washer</b>											
Yes	1.5	10.2	3,003	231	1,070	3.1	25.7	25.0	143	8.5	7.5
No	0.7	6.5	1,895	159	979	0.9	20.6	20.0	117	9.0	9.6
<b>Dishwasher</b>											
Yes	1.4	9.3	2,735	213	1,102	2.0	28.4	27.7	154	9.8	9.3
No	0.8	8.5	2,502	198	962	2.0	20.8	20.2	120	7.4	8.2
<b>Children Present in Household (more than one may apply)</b>											
No	1.3	7.1	2,081	161	1,235	2.0	21.3	20.7	115	12.6	9.4
Yes	0.9	11.9	3,502	277	922	1.9	28.1	27.4	161	6.8	7.8
Under 13 Years	0.7	12.3	3,600	286	885	1.7	28.0	27.3	160	6.6	7.4
13 to 18 Years	0.4	13.1	3,838	304	982	0.6	31.0	30.1	177	7.4	8.9

<sup>1</sup> This factor is underestimated because it contains no error for estimating this end use.

<sup>2</sup> Climate zones are based on annual degree-days that are averaged over 30 years from 1961 to 1990.

<sup>3</sup> Does not include all new construction for 1993.

-- = Data not applicable.

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" in *Household Energy Consumption and Expenditures 1993* 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, E, and F of the 1993 Residential Energy Consumption Survey.

**Table 58. Total Consumption and Expenditures for Appliances in Texas Households, 1993**

Characteristics	Electricity				Natural Gas				Liquefied Petroleum Gas				RSE Row Factors
	Households (million)	Consumed		Expenditures (billion dollars)	Households (million)	Consumed		Expenditures (billion dollars)	Households (million)	Consumed		Expenditures (billion dollars)	
		(trillion Btu)	(billion kWh)			(trillion Btu)	(billion cubic feet)			(trillion Btu)	(billion gallons)		
RSE Column Factor:	0.6	0.9 <sup>1</sup>	0.9 <sup>1</sup>	0.9 <sup>1</sup>	1.1	1.3 <sup>1</sup>	1.3 <sup>1</sup>	1.2 <sup>1</sup>	NF	NF	NF	NF	
<b>Total State</b> .....	6.4	128.4	37.6	3.03	2.8	25.2	24	0.15	Q	Q	Q	Q	6.8
<b>Climate Zone<sup>2</sup></b>													
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
2,000 CDD or More and Under 4,000 HDD .....	6.0	119.4	35.0	2.83	2.5	23.9	23	0.14	Q	Q	Q	Q	8.6
<b>Type of Housing Unit</b>													
Single-Family .....	4.9	111.7	32.7	2.63	2.5	23.5	23	0.14	Q	Q	Q	Q	7.7
Mobile Home .....	0.3	6.1	1.8	0.14	Q	Q	Q	Q	Q	Q	Q	Q	45.5
Multifamily (2 or more units) ..	1.3	10.6	3.1	0.26	0.2	0.8	1	(*)	Q	Q	Q	Q	13.6
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	2.0	23.6	6.9	0.57	0.8	4.9	5	0.03	Q	Q	Q	Q	14.2
1,000 to 1,999 .....	3.1	62.9	18.4	1.50	1.5	11.9	12	0.07	Q	Q	Q	Q	6.9
2,000 or More .....	1.3	41.9	12.3	0.96	0.5	8.3	8	0.05	Q	Q	Q	Q	18.0
<b>Ownership of Unit</b>													
Owned .....	4.0	96.1	28.2	2.25	1.9	18.6	18	0.11	Q	Q	Q	Q	9.3
Rented .....	2.5	32.3	9.5	0.78	0.8	6.6	6	0.04	Q	Q	Q	Q	12.9
<b>Year of Construction</b>													
1939 or Before .....	1.0	14.3	4.2	0.33	0.6	3.2	3	0.02	Q	Q	Q	Q	17.6
1940 to 1979 .....	3.5	66.1	19.4	1.56	1.5	12.6	12	0.07	Q	Q	Q	Q	7.5
1980 or After <sup>3</sup> .....	2.0	48.1	14.1	1.14	0.7	9.4	9	0.05	Q	Q	Q	Q	14.3
<b>1993 Family Income</b>													
Less than \$10,000 .....	0.9	10.4	3.1	0.25	0.4	2.4	2	0.01	Q	Q	Q	Q	21.5
\$10,000 to \$19,999 .....	1.5	23.5	6.9	0.55	0.7	4.5	4	0.03	Q	Q	Q	Q	23.3
\$20,000 to \$34,999 .....	1.5	27.8	8.2	0.67	0.6	7.9	8	0.05	Q	Q	Q	Q	18.2
\$35,000 to \$49,999 .....	1.2	27.0	7.9	0.63	0.5	3.9	4	0.02	Q	Q	Q	Q	21.0
\$50,000 or More .....	1.4	39.6	11.6	0.93	0.6	6.5	6	0.04	Q	Q	Q	Q	19.8
<b>Below Poverty Line</b>													
100 Percent .....	1.1	13.8	4.1	0.33	0.5	3.9	4	0.02	Q	Q	Q	Q	23.5
125 Percent .....	1.3	19.3	5.7	0.47	0.7	4.7	5	0.03	Q	Q	Q	Q	23.6
150 Percent .....	1.7	23.9	7.0	0.57	0.8	5.5	5	0.03	Q	Q	Q	Q	21.3
<b>Age of Householder</b>													
Under 35 Years .....	2.0	32.9	9.6	0.78	0.7	5.6	5	0.03	Q	Q	Q	Q	17.7
35 to 59 Years .....	2.9	68.6	20.1	1.60	1.2	12.0	12	0.07	Q	Q	Q	Q	12.1
60 Years and Over .....	1.5	26.9	7.9	0.65	0.8	7.5	7	0.04	Q	Q	Q	Q	19.0
<b>Household Size</b>													
1 Person .....	1.6	17.5	5.1	0.41	0.5	4.0	4	0.02	Q	Q	Q	Q	16.6
2 to 4 Persons .....	4.1	88.8	26.0	2.10	1.8	16.6	16	0.09	Q	Q	Q	Q	7.4
5 or More Persons .....	0.8	22.2	6.5	0.52	0.4	4.6	4	0.03	Q	Q	Q	Q	14.7

<sup>1</sup> This factor is underestimated because it contains no error for estimating this end use.

<sup>2</sup> Climate zones are based on annual degree-days that are averaged over 30 years from 1961 to 1990.

<sup>3</sup> Does not include all new construction for 1993.

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

NF = No applicable RSE row/column 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.

• Appliances do not include refrigerators. • See "Glossary" in *Household Energy Consumption and Expenditures 1993* for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-F of the 1993 Residential Energy Consumption Survey.



**Table 59. Electricity Consumption and Expenditures for Appliances and Refrigerators, per Texas Households, 1993**

Characteristics	Electricity Used for Appliances				Electricity Used for Refrigerators					RSE Row Factors
	Households (million)	Consumed		Expenditures (dollars)	Households (million)	Average Number of Refrigerators	Consumed		Expenditures (dollars)	
		(million Btu)	(kWh)				(million Btu)	(kWh)		
RSE Column Factor:	1.5	1.0 <sup>1</sup>	1.0 <sup>1</sup>	1.2 <sup>1</sup>	1.5	0.5	0.8 <sup>1</sup>	0.8 <sup>1</sup>	1.1 <sup>1</sup>	
<b>Total State</b> .....	6.4	19.9	5,838	470	6.4	1.1	6.3	1,860	151	5.4
<b>Climate Zone<sup>2</sup></b>										
Under 2,000 CDD and										
Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
2,000 CDD or More and										
Under 4,000 HDD .....	6.0	19.9	5,841	472	6.0	1.1	6.5	1,892	154	5.8
<b>Type of Housing Unit</b>										
Single-Family .....	4.9	22.9	6,706	538	4.9	1.2	6.8	2,001	162	4.3
Mobile Home .....	0.3	20.4	5,986	487	0.3	1.0	5.0	1,472	120	16.8
Multifamily (2 or more units) .....	1.3	8.4	2,459	203	1.3	1.0	4.8	1,407	115	5.1
<b>Heated Floorspace (square feet)</b>										
Fewer than 1,000 .....	2.0	11.6	3,406	281	2.0	1.0	5.1	1,506	124	5.9
1,000 to 1,999 .....	3.1	20.3	5,947	483	3.1	1.1	6.2	1,810	148	4.3
2,000 or More .....	1.3	31.9	9,349	734	1.3	1.3	8.6	2,525	202	9.1
<b>Ownership of Unit</b>										
Owned .....	4.0	24.3	7,115	569	4.0	1.2	7.0	2,062	167	5.1
Rented .....	2.5	13.0	3,805	313	2.5	1.0	5.2	1,538	126	5.7
<b>Year of Construction</b>										
1939 or Before .....	1.0	14.7	4,300	340	1.0	1.1	5.9	1,736	140	6.5
1940 to 1979 .....	3.5	18.8	5,501	444	3.5	1.1	6.2	1,814	147	4.7
1980 or After <sup>3</sup> .....	2.0	24.6	7,214	582	2.0	1.2	6.8	2,006	164	5.9
<b>1993 Family Income</b>										
Less than \$10,000 .....	0.9	11.4	3,347	272	0.9	1.1	5.1	1,504	123	7.3
\$10,000 to \$19,999 .....	1.5	15.9	4,657	372	1.5	1.1	5.6	1,640	133	8.9
\$20,000 to \$34,999 .....	1.5	19.1	5,589	457	1.4	1.1	6.3	1,834	150	6.7
\$35,000 to \$49,999 .....	1.2	22.7	6,651	531	1.2	1.1	6.1	1,792	145	8.1
\$50,000 or More .....	1.4	28.3	8,281	666	1.4	1.2	8.2	2,411	196	10.0
<b>Below Poverty Line</b>										
100 Percent .....	1.1	13.1	3,845	318	1.1	1.1	5.0	1,454	122	8.0
125 Percent .....	1.3	14.4	4,220	351	1.3	1.1	5.1	1,483	124	7.8
150 Percent .....	1.7	14.2	4,165	340	1.7	1.1	5.0	1,479	121	7.3
<b>Age of Householder</b>										
Under 35 Years .....	2.0	16.3	4,783	390	2.0	1.1	5.4	1,588	131	5.3
35 to 59 Years .....	2.9	23.5	6,897	547	2.9	1.1	6.7	1,970	158	6.0
60 Years and Over .....	1.5	17.8	5,204	429	1.5	1.2	6.9	2,012	165	11.0
<b>Household Size</b>										
1 Person .....	1.6	11.1	3,258	263	1.6	1.1	5.2	1,529	124	6.3
2 to 4 Persons .....	4.1	21.6	6,342	511	4.1	1.2	6.7	1,974	160	4.6
5 or More Persons .....	0.8	28.7	8,412	675	0.8	1.1	6.6	1,929	156	7.6

See footnotes at end of table.

**Table 59. Electricity Consumption and Expenditures for Appliances and Refrigerators, per Texas Households, 1993 (Continued)**

Characteristics	Electricity Used for Appliances				Electricity Used for Refrigerators					RSE Row Factors
	Households (million)	Consumed		Expenditures (dollars)	Households (million)	Average Number of Refrigerators	Consumed		Expenditures (dollars)	
		(million Btu)	(kWh)				(million Btu)	(kWh)		
RSE Column Factor:	1.5	1.0 <sup>1</sup>	1.0 <sup>1</sup>	1.2 <sup>1</sup>	1.5	0.5	0.8 <sup>1</sup>	0.8 <sup>1</sup>	1.1 <sup>1</sup>	

**Average Electricity Expenditures (cents per kWh)**

Less than 6 .....	Q	Q	Q	Q	--	--	--	--	--	NF
6 to Less than 9 .....	4.7	20.5	6,004	464	--	--	--	--	--	6.1
9 or More .....	1.6	17.5	5,127	489	--	--	--	--	--	10.5

**Average Electric Refrigerator Expenditures (cents per kWh)**

Less than 6 .....	--	--	--	--	Q	Q	Q	Q	Q	NF
6 to Less than 9 .....	--	--	--	--	4.7	1.1	6.5	1,894	147	6.2
9 or More .....	--	--	--	--	1.6	1.2	6.0	1,756	167	10.6

**Electric Appliances Used by Household (more than one may apply)**

Separate Freezer .....	2.2	26.3	7,694	614	2.2	1.2	6.6	1,928	155	5.3
Dishwasher .....	3.4	24.4	7,145	573	3.4	1.2	7.1	2,086	169	6.4
Clothes Washer .....	4.8	23.6	6,902	553	4.8	1.2	6.8	2,002	162	4.4
Clothes Dryer .....	3.9	24.6	7,218	573	3.9	1.2	7.0	2,040	163	5.3
Waterbed Heater .....	0.9	26.8	7,848	613	0.9	1.2	7.2	2,096	166	9.9
Swimming-Pool Pump .....	0.3	45.1	13,225	1,044	0.3	1.4	9.0	2,637	206	15.5
Hot-Tub or Spa Pump .....	0.3	43.4	12,706	996	0.3	1.3	6.9	2,018	158	14.8
Hot-Tub or Spa Heater .....	0.1	30.5	8,946	641	0.1	1.3	5.3	1,563	113	15.0
Well Pump .....	0.5	26.6	7,801	611	0.5	1.2	6.4	1,871	149	8.0

**Appliance Combination Usage**

Dishwasher, Clothes Washer, and Clothes Dryer										
All .....	2.5	27.7	8,109	641	2.5	1.2	7.6	2,222	177	5.9
Some .....	2.9	17.4	5,095	417	2.9	1.1	5.9	1,729	142	5.5
None .....	1.1	8.5	2,485	211	1.0	1.0	4.6	1,359	114	8.0

**Well Pump and Separate Freezer**

All .....	0.4	28.7	8,411	652	0.4	1.2	6.0	1,768	141	10.8
Some .....	2.0	25.5	7,470	600	2.0	1.2	6.7	1,969	159	5.4
None .....	4.1	16.4	4,802	390	4.1	1.1	6.2	1,814	148	5.2

**Main Heating Fuel**

Natural Gas .....	3.6	21.4	6,271	514	3.5	1.1	6.7	1,955	161	7.6
Electricity .....	2.4	18.1	5,300	411	2.4	1.1	6.0	1,753	138	6.6
Fuel Oil or Kerosene .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Wood .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
LPG .....	0.4	15.4	4,511	382	0.4	1.2	5.6	1,644	141	15.6
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF

**Number of Refrigerators**

1 .....	5.6	19.1	5,590	448	5.6	1.0	5.6	1,638	133	4.3
2 or More .....	0.8	26.1	7,651	629	0.8	2.1	11.7	3,422	282	7.1

<sup>1</sup> This factor is underestimated because it contains no error for estimating this end use.

<sup>2</sup> Climate zones are based on annual degree-days that are averaged over 30 years from 1961 to 1990.

<sup>3</sup> Does not include all new construction for 1993.

-- = Data not applicable.

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" in *Household Energy Consumption and Expenditures 1993* 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, and E of the 1993 Residential Energy Consumption Survey.

**Table 60. Natural Gas and LPG Consumption and Expenditures for Appliances, per Texas Households, 1993**

Characteristics	Natural Gas				Liquefied Petroleum Gas				RSE Row Factors
	Households (million)	Consumed		Expenditures (dollars)	Households (million)	Consumed		Expenditures (dollars)	
		(million Btu)	(1000 cubic feet)			(million Btu)	(gallons)		
RSE Column Factor:	0.7	0.6 <sup>1</sup>	0.6 <sup>1</sup>	0.6 <sup>1</sup>	NF	2.0 <sup>1</sup>	2.0 <sup>1</sup>	2.0 <sup>1</sup>	
<b>Total State</b> .....	2.8	9.1	8.8	52	Q	3.2	34	30	19.2
<b>Climate Zone<sup>2</sup></b>									
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	NF
2,000 CDD or More and Under 4,000 HDD .....	2.5	9.4	9.2	54	Q	3.2	34	30	20.2
<b>Type of Housing Unit</b>									
Single-Family .....	2.5	9.5	9.3	55	Q	Q	Q	Q	18.7
Mobile Home .....	Q	Q	Q	Q	Q	Q	Q	Q	NF
Multifamily (2 or more units) .....	0.2	5.0	4.9	28	Q	Q	Q	Q	20.5
<b>Heated Floorspace (square feet)</b>									
Fewer than 1,000 .....	0.8	6.6	6.4	40	Q	Q	Q	Q	19.2
1,000 to 1,999 .....	1.5	8.0	7.8	47	Q	Q	Q	Q	18.6
2,000 or More .....	0.5	15.4	15.0	85	Q	Q	Q	Q	28.1
<b>Ownership of Unit</b>									
Owned .....	1.9	9.6	9.4	56	Q	2.9	31	27	21.8
Rented .....	0.8	7.8	7.6	44	Q	Q	Q	Q	23.4
<b>Year of Construction</b>									
1939 or Before .....	0.6	5.6	5.5	34	Q	Q	Q	Q	20.6
1940 to 1979 .....	1.5	8.7	8.4	51	Q	3.8	42	37	20.5
1980 or After <sup>3</sup> .....	0.7	12.6	12.3	68	Q	Q	Q	Q	29.6
<b>1993 Family Income</b>									
Less than \$10,000 .....	0.4	6.0	5.9	37	Q	Q	Q	Q	34.3
\$10,000 to \$19,999 .....	0.7	6.2	6.0	37	Q	Q	Q	Q	14.1
\$20,000 to \$34,999 .....	0.6	13.3	12.9	76	Q	Q	Q	Q	42.8
\$35,000 to \$49,999 .....	0.5	8.2	8.0	45	Q	Q	Q	Q	22.4
\$50,000 or More .....	0.6	11.2	10.9	64	Q	Q	Q	Q	45.4
<b>Below Poverty Line</b>									
100 Percent .....	0.5	7.3	7.1	43	Q	Q	Q	Q	23.1
125 Percent .....	0.7	7.0	6.8	43	Q	Q	Q	Q	22.6
150 Percent .....	0.8	6.7	6.5	41	Q	Q	Q	Q	24.1
<b>Age of Householder</b>									
Under 35 Years .....	0.7	7.6	7.4	44	Q	Q	Q	Q	11.8
35 to 59 Years .....	1.2	10.0	9.8	57	Q	Q	Q	Q	33.8
60 Years and Over .....	0.8	9.1	8.8	53	Q	Q	Q	Q	23.8
<b>Household Size</b>									
1 Person .....	0.5	7.4	7.2	46	Q	Q	Q	Q	46.1
2 to 4 Persons .....	1.8	9.2	8.9	52	Q	3.8	42	37	16.0
5 or More Persons .....	0.4	10.7	10.4	62	Q	Q	Q	Q	30.2

<sup>1</sup> This factor is underestimated because it contains no error for estimating this end use.

<sup>2</sup> Climate zones are based on annual degree-days that are averaged over 30 years from 1961 to 1990.

<sup>3</sup> Does not include all new construction for 1993.

NF = No applicable RSE row/column 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" in *Household Energy Consumption and Expenditures 1993* 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, D, and F of the 1993 Residential Energy Consumption Survey.