

**Table 56. Consumption and Expenditures in South Region 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:	1.2	1.3	1.3	1.1	1.0	1.0	1.1	0.9	0.8	0.7	0.8	
<b>South Region</b>												
<b>Total Region</b> .....	33.5	28.4	57.1	104	52	87.9	34	1,540	0.76	1,304	503	2.5
<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 .....	15.7	13.4	28.3	111	53	94.7	37	1,525	0.72	1,303	511	4.7
2,000 CDD or More and Under 4,000 HDD .....	17.8	15.0	28.9	98	51	82.0	31	1,553	0.80	1,304	496	4.3
<b>Type of Housing Unit</b>												
Single-Family .....	24.8	24.8	49.2	101	51	100.6	37	1,436	0.72	1,436	525	2.6
Mobile Home .....	2.6	2.6	2.6	69	70	68.9	24	1,222	1.25	1,222	427	5.8
Multifamily (2 or more units) .....	6.1	0.9	5.3	290	50	44.3	23	5,196	0.90	795	421	5.9
<b>Heated Floorspace (square feet)</b>												
Fewer than 1,000 .....	10.4	6.5	8.5	95	73	60.1	28	1,458	1.12	920	433	3.7
1,000 to 1,999 .....	15.8	14.6	25.6	97	55	89.1	32	1,463	0.83	1,347	488	2.7
2,000 or More .....	7.3	7.2	23.0	126	40	125.0	43	1,766	0.56	1,754	610	3.9
<b>Ownership of Unit</b>												
Owned .....	22.9	22.4	45.8	101	50	99.2	37	1,485	0.72	1,452	544	2.7
Rented .....	10.6	6.0	11.3	113	60	63.7	26	1,741	0.92	984	407	4.2
<b>Year of Construction</b>												
1939 or Before .....	3.5	3.2	6.1	123	65	111.4	47	1,339	0.70	1,212	510	5.4
1940 to 1979 .....	18.7	15.7	30.3	107	55	90.2	36	1,554	0.80	1,306	516	3.0
1980 or After <sup>3</sup> .....	11.3	9.5	20.8	92	42	77.0	28	1,583	0.72	1,327	482	4.0
<b>1993 Family Income</b>												
Less than \$10,000 .....	6.0	4.4	6.6	95	64	69.5	36	1,300	0.87	955	491	5.0
\$10,000 to \$19,999 .....	7.0	5.7	9.6	97	57	78.9	31	1,369	0.81	1,116	445	4.4
\$20,000 to \$34,999 .....	8.0	6.7	13.0	104	54	87.6	34	1,567	0.81	1,318	506	3.7
\$35,000 to \$49,999 .....	5.8	5.2	11.8	105	47	95.0	33	1,597	0.71	1,443	506	4.1
\$50,000 or More .....	6.7	6.3	16.2	115	45	108.3	36	1,786	0.69	1,675	555	4.0
<b>Below Poverty Line</b>												
100 Percent .....	5.9	4.4	6.5	98	66	73.2	28	1,364	0.91	1,014	392	4.4
125 Percent .....	7.6	5.9	8.7	96	65	74.7	29	1,351	0.92	1,050	401	3.9
150 Percent .....	9.8	7.6	11.7	97	63	75.7	29	1,372	0.90	1,074	405	3.8
<b>Age of Householder</b>												
Under 35 Years .....	8.9	6.7	12.0	102	57	76.7	27	1,565	0.87	1,175	412	3.9
35 to 59 Years .....	15.1	13.5	28.3	106	51	95.0	32	1,615	0.77	1,448	493	3.0
60 Years and Over .....	9.5	8.1	16.8	102	49	87.3	49	1,393	0.68	1,196	668	3.7
<b>Household Size</b>												
1 Person .....	8.0	5.5	10.4	94	49	64.1	64	1,335	0.70	910	910	4.3
2 to 4 Persons .....	22.0	19.5	39.7	104	51	92.5	34	1,560	0.77	1,387	513	2.4
5 or More Persons .....	3.5	3.4	7.0	119	57	113.8	21	1,754	0.84	1,679	306	5.3

See footnotes at end of table.

**Table 56. Consumption and Expenditures in South Region Households, 1993 (Continued)**

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:	1.2	1.3	1.3	1.1	1.0	1.0	1.1	0.9	0.8	0.7	0.8	
<b>South Atlantic Division</b> .....	17.4	14.2	29.9	95	45	77.8	31	1,577	0.75	1,288	506	3.4
<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	NF
Under 5,500 HDD .....	9.8	8.1	17.7	110	50	90.0	35	1,635	0.75	1,343	525	4.4
2,000 CDD or More and Under 4,000 HDD .....	7.5	6.1	12.2	76	38	61.9	24	1,500	0.75	1,217	480	4.0
<b>Type of Housing Unit</b>												
Single-Family .....	12.2	12.2	25.0	90	44	90.0	33	1,440	0.70	1,440	534	3.8
Mobile Home .....	1.4	1.4	1.4	63	65	63.2	23	1,204	1.23	1,204	429	9.3
Multifamily (2 or more units) .....	3.7	0.6	3.5	295	47	43.7	22	5,565	0.88	824	422	7.3
<b>Heated Floorspace (square feet)</b>												
Fewer than 1,000 .....	5.5	3.3	4.5	89	65	52.9	25	1,516	1.11	902	427	5.4
1,000 to 1,999 .....	7.9	7.0	13.1	87	47	77.3	29	1,505	0.81	1,333	494	3.9
2,000 or More .....	3.9	3.9	12.4	115	36	113.6	40	1,759	0.55	1,736	610	5.5
<b>Ownership of Unit</b>												
Owned .....	11.5	11.0	23.7	92	43	88.2	34	1,505	0.70	1,440	550	3.6
Rented .....	5.9	3.2	6.2	106	55	57.7	24	1,825	0.95	993	413	5.9
<b>Year of Construction</b>												
1939 or Before .....	1.5	1.3	2.6	120	62	104.6	38	1,457	0.75	1,265	457	9.2
1940 to 1979 .....	9.4	7.7	15.7	102	50	83.3	34	1,621	0.79	1,318	540	4.8
1980 or After <sup>3</sup> .....	6.4	5.2	11.7	78	35	63.6	24	1,542	0.69	1,250	472	5.6
<b>1993 Family Income</b>												
Less than \$10,000 .....	3.0	1.9	3.0	91	60	59.1	29	1,447	0.95	944	470	7.9
\$10,000 to \$19,999 .....	3.5	2.8	4.7	89	53	69.5	28	1,414	0.83	1,103	443	7.2
\$20,000 to \$34,999 .....	4.0	3.2	6.5	96	48	77.8	31	1,602	0.80	1,298	519	5.8
\$35,000 to \$49,999 .....	3.0	2.7	6.0	91	40	80.1	29	1,568	0.69	1,385	501	5.8
\$50,000 or More .....	3.9	3.6	9.7	105	39	98.2	34	1,758	0.65	1,640	566	4.6
<b>Below Poverty Line</b>												
100 Percent .....	2.8	1.9	2.9	94	61	61.4	25	1,504	0.98	985	394	7.3
125 Percent .....	3.7	2.6	3.9	91	61	63.7	25	1,468	0.98	1,029	403	6.3
150 Percent .....	4.8	3.5	5.5	90	57	65.1	25	1,478	0.93	1,064	407	6.0
<b>Age of Householder</b>												
Under 35 Years .....	4.4	3.3	6.1	91	49	66.9	24	1,575	0.84	1,155	413	5.8
35 to 59 Years .....	7.9	6.9	15.0	97	45	85.2	30	1,640	0.75	1,436	499	4.0
60 Years and Over .....	5.0	4.0	8.8	95	44	75.9	42	1,471	0.68	1,176	650	5.7
<b>Household Size</b>												
1 Person .....	4.1	2.6	5.2	88	43	55.3	55	1,401	0.68	879	879	6.9
2 to 4 Persons .....	11.6	10.1	21.0	96	46	82.7	31	1,590	0.76	1,377	516	3.4
5 or More Persons .....	1.7	1.6	3.6	105	46	98.5	18	1,780	0.77	1,669	306	8.9

See footnotes at end of table.

**Table 56. Consumption and Expenditures in South Region Households, 1993 (Continued)**

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:	1.2	1.3	1.3	1.1	1.0	1.0	1.1	0.9	0.8	0.7	0.8	
<b>East South Central Division</b> .....	6.0	5.5	10.8	104	53	94.9	37	1,315	0.67	1,200	463	4.3
<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	NF
Under 5,500 HDD .....	4.7	4.3	8.7	107	52	97.5	38	1,321	0.65	1,205	473	8.9
2,000 CDD or More and Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>												
Single-Family .....	4.7	4.7	9.6	106	51	105.6	39	1,294	0.63	1,294	484	4.0
Mobile Home .....	0.7	0.7	0.7	69	72	68.6	25	1,076	1.13	1,076	389	5.2
Multifamily (2 or more units) .....	0.6	0.1	0.5	252	55	45.2	25	3,609	0.78	648	354	13.8
<b>Heated Floorspace (square feet)</b>												
Fewer than 1,000 .....	1.8	1.4	1.6	92	84	71.1	33	1,177	1.08	913	429	6.9
1,000 to 1,999 .....	2.7	2.6	4.3	96	57	91.6	33	1,299	0.78	1,244	442	5.6
2,000 or More .....	1.5	1.5	4.9	131	39	130.8	47	1,478	0.44	1,478	532	5.3
<b>Ownership of Unit</b>												
Owned .....	4.6	4.6	9.1	103	52	102.9	38	1,303	0.65	1,297	484	4.5
Rented .....	1.4	0.9	1.6	108	60	69.2	30	1,376	0.77	886	381	5.4
<b>Year of Construction</b>												
1939 or Before .....	0.9	0.8	1.7	136	67	129.6	60	1,235	0.60	1,178	548	8.9
1940 to 1979 .....	3.5	3.2	6.1	100	53	92.8	36	1,303	0.69	1,204	468	3.9
1980 or After <sup>3</sup> .....	1.6	1.4	3.0	94	45	81.4	28	1,389	0.67	1,205	418	9.1
<b>1993 Family Income</b>												
Less than \$10,000 .....	1.2	1.1	1.5	88	63	76.7	41	1,059	0.76	927	495	7.9
\$10,000 to \$19,999 .....	1.2	1.0	1.9	103	55	91.5	37	1,257	0.67	1,113	455	5.4
\$20,000 to \$34,999 .....	1.7	1.6	3.0	99	53	92.3	34	1,327	0.71	1,240	450	4.8
\$35,000 to \$49,999 .....	0.9	0.8	2.0	121	49	108.2	37	1,492	0.60	1,337	458	8.8
\$50,000 or More .....	1.0	0.9	2.3	118	48	114.8	37	1,506	0.61	1,462	469	9.0
<b>Below Poverty Line</b>												
100 Percent .....	1.2	1.0	1.6	96	65	83.6	34	1,174	0.79	1,018	416	7.1
125 Percent .....	1.6	1.4	2.0	93	64	82.4	34	1,163	0.79	1,025	418	6.4
150 Percent .....	1.9	1.7	2.5	96	65	86.3	35	1,190	0.81	1,068	428	6.0
<b>Age of Householder</b>												
Under 35 Years .....	1.5	1.2	2.0	98	59	81.3	28	1,366	0.83	1,135	395	5.7
35 to 59 Years .....	2.6	2.5	5.0	108	53	101.1	33	1,396	0.69	1,311	425	5.9
60 Years and Over .....	1.9	1.8	3.7	103	50	97.0	57	1,170	0.56	1,098	646	5.3
<b>Household Size</b>												
1 Person .....	1.4	1.2	2.1	91	53	75.7	76	1,062	0.62	886	886	7.5
2 to 4 Persons .....	3.9	3.6	7.5	103	50	95.8	35	1,346	0.65	1,248	455	5.1
5 or More Persons .....	0.6	0.6	1.3	133	68	132.8	25	1,620	0.83	1,620	307	9.9

See footnotes at end of table.

**Table 56. Consumption and Expenditures in South Region Households, 1993 (Continued)**

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:	1.2	1.3	1.3	1.1	1.0	1.0	1.1	0.9	0.8	0.7	0.8	
<b>West South Central Division</b> .....	10.1	8.7	16.5	118	62	101.1	38	1,619	0.86	1,391	522	4.5
<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 .....	8.9	7.6	14.6	115	60	98.4	37	1,636	0.86	1,395	519	6.3
<b>Type of Housing Unit</b>												
Single-Family .....	8.0	8.0	14.7	114	62	113.9	40	1,514	0.82	1,514	536	4.5
Mobile Home .....	0.5	0.5	0.5	86	84	86.2	27	1,485	1.45	1,485	468	13.4
Multifamily (2 or more units) .....	1.7	0.3	1.3	294	58	45.3	26	5,110	1.01	787	446	11.6
<b>Heated Floorspace (square feet)</b>												
Fewer than 1,000 .....	3.0	1.8	2.5	110	81	66.6	31	1,573	1.16	957	446	6.6
1,000 to 1,999 .....	5.2	5.0	8.2	111	67	105.6	37	1,490	0.90	1,422	501	4.4
2,000 or More .....	1.9	1.9	5.7	144	47	144.3	48	2,005	0.66	2,005	666	8.0
<b>Ownership of Unit</b>												
Owned .....	6.8	6.8	13.0	115	61	115.1	42	1,577	0.83	1,575	573	5.1
Rented .....	3.3	1.9	3.5	127	68	72.2	29	1,774	0.95	1,011	407	7.3
<b>Year of Construction</b>												
1939 or Before .....	1.1	1.1	1.8	116	67	106.8	52	1,273	0.73	1,169	574	8.1
1940 to 1979 .....	5.7	4.8	8.5	120	67	100.0	38	1,615	0.91	1,350	507	5.0
1980 or After <sup>3</sup> .....	3.2	2.9	6.1	115	54	101.2	35	1,754	0.82	1,543	535	5.8
<b>1993 Family Income</b>												
Less than \$10,000 .....	1.8	1.4	2.1	106	70	81.7	43	1,284	0.85	991	525	8.4
\$10,000 to \$19,999 .....	2.3	1.9	3.0	104	66	86.9	34	1,365	0.87	1,139	442	7.5
\$20,000 to \$34,999 .....	2.3	1.9	3.5	122	66	101.1	38	1,708	0.92	1,411	529	6.8
\$35,000 to \$49,999 .....	1.9	1.8	3.7	120	57	112.5	38	1,690	0.81	1,588	538	6.7
\$50,000 or More .....	1.9	1.8	4.2	135	57	125.3	39	1,990	0.84	1,854	577	7.7
<b>Below Poverty Line</b>												
100 Percent .....	1.8	1.5	2.1	106	73	84.7	30	1,321	0.91	1,057	377	6.4
125 Percent .....	2.4	2.0	2.8	105	73	86.6	31	1,331	0.93	1,099	387	6.8
150 Percent .....	3.0	2.4	3.6	106	72	86.2	31	1,347	0.91	1,093	389	6.7
<b>Age of Householder</b>												
Under 35 Years .....	3.0	2.2	3.9	121	68	89.0	30	1,660	0.94	1,224	419	6.5
35 to 59 Years .....	4.6	4.2	8.3	119	60	108.3	37	1,704	0.86	1,546	523	5.3
60 Years and Over .....	2.5	2.3	4.3	112	61	102.5	56	1,429	0.77	1,309	718	6.9

See footnotes at end of table.

**Table 56. Consumption and Expenditures in South Region Households, 1993 (Continued)**

Characteristics	Total Households (million)	Residential Buildings		Average of Major Energy Sources <sup>1</sup>								RSE Row Factors
		Total Number (million)	Total Floor-space (billion sq. ft.)	Consumption				Expenditures (dollars)				
				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:	1.2	1.3	1.3	1.1	1.0	1.0	1.1	0.9	0.8	0.7	0.8	

**Household Size**

1 Person .....	2.5	1.7	3.1	105	58	71.6	72	1,431	0.79	976	976	7.3
2 to 4 Persons .....	6.5	5.9	11.2	119	62	108.0	39	1,639	0.85	1,488	543	4.3
5 or More Persons .....	1.2	1.2	2.2	130	69	125.0	22	1,795	0.96	1,727	305	7.5

<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 57. Total Consumption in South Region Households, 1993**

Characteristics	Major Energy Sources <sup>1</sup> (tril-lion Btu)	Electricity			Natural Gas		Fuel Oil		Kerosene		Liquefied Petroleum Gas		RSE Row Factors
		Primary	Site		(tril-lion Btu)	(bil-lion cubic feet)	(tril-lion Btu)	(bil-lion gal-lons)	(tril-lion Btu)	(bil-lion gal-lons)	(tril-lion Btu)	(bil-lion gal-lons)	
		(tril-lion Btu)	(tril-lion Btu)	(bil-lion kWh)									
RSE Column Factor:	0.5	0.4	0.4	0.4	0.9	0.9	1.5	1.5	2.1	2.1	1.7	1.7	
<b>South Region</b>													
<b>Total Region</b> .....	2,945.7	4,541.0	1,507.1	441.7	1,180.9	1,149	106.4	0.77	20.4	0.15	130.8	1.43	7.8
<b>Climate Zone<sup>2</sup></b>													
Under 2,000 HDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	1,484.2	2,092.2	694.4	203.5	603.2	587	101.7	0.73	15.4	0.11	69.5	0.76	16.1
2,000 CDD or More and Under 4,000 HDD .....	1,461.5	2,448.8	812.7	238.2	577.8	562	Q	Q	5.0	0.04	61.3	0.67	17.9
<b>Type of Housing Unit</b>													
Single-Family .....	2,497.5	3,648.7	1,211.0	354.9	1,069.5	1,040	99.1	0.71	13.6	0.10	104.3	1.14	9.2
Mobile Home .....	179.7	365.6	121.3	35.6	21.2	21	Q	Q	6.1	0.05	26.2	0.29	22.6
Multifamily (2 or more units) ..	268.6	526.7	174.8	51.2	90.3	88	Q	Q	Q	Q	Q	Q	23.4
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	622.5	969.6	321.8	94.3	229.7	223	23.8	0.17	12.5	0.09	34.7	0.38	13.3
1,000 to 1,999 .....	1,411.4	2,235.7	742.0	217.5	554.4	539	39.2	0.28	7.0	0.05	68.8	0.75	10.7
2,000 or More .....	911.8	1,335.6	443.3	129.9	396.8	386	43.4	0.31	1.0	0.01	27.3	0.30	13.8
<b>Ownership of Unit</b>													
Owned .....	2,269.5	3,473.4	1,152.8	337.9	901.8	877	90.9	0.66	12.4	0.09	111.6	1.22	9.4
Rented .....	676.2	1,067.6	354.3	103.8	279.2	272	15.5	0.11	8.1	0.06	19.2	0.21	11.6
<b>Year of Construction</b>													
1939 or Before .....	391.6	340.1	112.9	33.1	230.4	224	26.4	0.19	2.4	0.02	19.4	0.21	18.2
1940 to 1979 .....	1,682.3	2,492.0	827.1	242.4	678.2	660	78.5	0.57	15.9	0.12	82.7	0.91	10.1
1980 or After <sup>3</sup> .....	871.7	1,708.9	567.2	166.2	272.3	265	Q	Q	2.2	0.02	28.7	0.31	14.1
<b>1993 Family Income</b>													
Less than \$10,000 .....	420.5	534.2	177.3	52.0	201.0	196	Q	Q	6.4	0.05	27.8	0.30	15.7
\$10,000 to \$19,999 .....	549.5	777.7	258.1	75.6	228.8	223	28.7	0.21	7.6	0.06	26.3	0.29	16.5
\$20,000 to \$34,999 .....	698.5	1,118.9	371.4	108.8	258.9	252	24.0	0.17	Q	Q	41.6	0.45	12.1
\$35,000 to \$49,999 .....	550.4	906.8	300.9	88.2	214.6	209	17.1	0.12	1.2	0.01	16.6	0.18	15.3
\$50,000 or More .....	726.9	1,203.5	399.4	117.1	277.7	270	28.5	0.21	Q	Q	18.6	0.20	13.6
<b>Below Poverty Line</b>													
100 Percent .....	430.5	557.4	185.0	54.2	201.0	195	Q	Q	6.6	0.05	31.2	0.34	13.8
125 Percent .....	570.5	766.1	254.3	74.5	255.1	248	11.4	0.08	9.5	0.07	40.2	0.44	12.7
150 Percent .....	738.4	1,023.3	339.6	99.5	321.0	312	20.0	0.14	11.5	0.09	46.2	0.51	12.7
<b>Age of Householder</b>													
Under 35 Years .....	684.7	1,113.8	369.7	108.3	271.9	264	13.6	0.10	6.9	0.05	22.7	0.25	14.1
35 to 59 Years .....	1,433.0	2,343.2	777.7	227.9	543.0	528	41.8	0.30	10.7	0.08	59.8	0.65	10.6
60 Years and Over .....	828.0	1,084.0	359.8	105.4	366.1	356	51.0	0.37	2.9	0.02	48.3	0.53	13.8
<b>Household Size</b>													
1 Person .....	512.3	705.7	234.2	68.6	237.8	231	16.9	0.12	3.5	0.03	19.9	0.22	14.4
2 to 4 Persons .....	2,032.9	3,205.4	1,063.9	311.8	788.3	767	79.1	0.57	11.6	0.09	90.1	0.99	8.9
5 or More Persons .....	400.5	629.9	209.1	61.3	154.8	151	Q	Q	5.4	0.04	20.9	0.23	17.7

See footnotes at end of table.

**Table 57. Total Consumption in South Region Households, 1993 (Continued)**

Characteristics	Major Energy Sources <sup>1</sup> (tril-lion Btu)	Electricity			Natural Gas		Fuel Oil		Kerosene		Liquefied Petroleum Gas		RSE Row Factors
		Primary	Site		(tril-lion Btu)	(bil-lion cubic feet)	(tril-lion Btu)	(bil-lion gal-lons)	(tril-lion Btu)	(bil-lion gal-lons)	(tril-lion Btu)	(bil-lion gal-lons)	
		(tril-lion Btu)	(tril-lion Btu)	(bil-lion kWh)									
RSE Column Factor:	0.5	0.4	0.4	0.4	0.9	0.9	1.5	1.5	2.1	2.1	1.7	1.7	
<b>South Atlantic Division</b> .....	1,351.6	2,248.8	746.4	218.7	420.7	409	100.2	0.72	17.5	0.13	66.9	0.73	9.3
<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 .....	884.9	1,247.6	414.1	121.4	328.2	319	95.6	0.69	13.0	0.10	34.0	0.37	11.3
2,000 CDD or More and Under 4,000 HDD .....	466.7	1,001.2	332.3	97.4	92.5	90	Q	Q	Q	Q	32.8	0.36	13.3
<b>Type of Housing Unit</b>													
Single-Family .....	1,097.3	1,727.1	573.2	168.0	365.1	355	93.8	0.68	11.2	0.08	54.0	0.59	11.5
Mobile Home .....	91.1	191.9	63.7	18.7	Q	Q	Q	Q	5.6	0.04	12.6	0.14	28.1
Multifamily (2 or more units) ..	163.2	329.8	109.4	32.1	50.3	49	Q	Q	Q	Q	Q	Q	31.8
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	289.9	491.1	163.0	47.8	80.3	78	19.7	0.14	11.2	0.08	15.7	0.17	16.8
1,000 to 1,999 .....	614.4	1,080.9	358.8	105.1	176.9	172	38.2	0.28	5.6	0.04	35.0	0.38	14.4
2,000 or More .....	447.3	676.8	224.6	65.8	163.5	159	42.3	0.30	0.7	0.01	16.2	0.18	19.4
<b>Ownership of Unit</b>													
Owned .....	1,011.5	1,660.4	551.1	161.5	309.6	301	86.4	0.62	10.1	0.07	54.3	0.59	12.0
Rented .....	340.2	588.4	195.3	57.2	111.1	108	13.8	0.10	7.4	0.05	12.6	0.14	14.2
<b>Year of Construction</b>													
1939 or Before .....	158.4	144.9	48.1	14.1	77.8	76	25.0	0.18	1.8	0.01	5.8	0.06	26.9
1940 to 1979 .....	783.8	1,202.7	399.2	117.0	251.0	244	74.7	0.54	15.1	0.11	43.9	0.48	13.4
1980 or After <sup>3</sup> .....	409.4	901.2	299.1	87.7	92.0	89	Q	Q	0.7	(*)	17.2	0.19	19.4
<b>1993 Family Income</b>													
Less than \$10,000 .....	176.7	255.1	84.7	24.8	63.1	61	Q	Q	5.0	0.04	15.9	0.17	22.6
\$10,000 to \$19,999 .....	245.8	381.0	126.4	37.1	76.2	74	23.4	0.17	6.7	0.05	Q	Q	20.7
\$20,000 to \$34,999 .....	310.5	525.5	174.4	51.1	95.5	93	23.2	0.17	Q	Q	15.1	0.17	18.3
\$35,000 to \$49,999 .....	240.1	436.2	144.8	42.4	65.9	64	17.1	0.12	Q	Q	11.2	0.12	24.5
\$50,000 or More .....	378.5	651.1	216.1	63.3	120.0	117	28.5	0.21	Q	Q	11.7	0.13	16.7
<b>Below Poverty Line</b>													
100 Percent .....	173.5	251.5	83.5	24.5	62.4	61	Q	Q	4.8	0.04	16.2	0.18	20.2
125 Percent .....	234.8	355.8	118.1	34.6	77.9	76	11.4	0.08	7.7	0.06	19.8	0.22	17.0
150 Percent .....	315.1	497.3	165.1	48.4	99.2	97	19.2	0.14	9.6	0.07	21.9	0.24	17.7
<b>Age of Householder</b>													
Under 35 Years .....	297.5	523.7	173.8	50.9	92.7	90	12.7	0.09	6.6	0.05	11.6	0.13	19.3
35 to 59 Years .....	671.4	1,173.3	389.4	114.1	205.6	200	41.7	0.30	8.1	0.06	26.6	0.29	13.7
60 Years and Over .....	382.7	551.8	183.2	53.7	122.4	119	45.8	0.33	2.8	0.02	28.7	0.31	17.7
<b>Household Size</b>													
1 Person .....	225.1	340.3	112.9	33.1	86.2	84	14.5	0.11	3.4	0.03	8.0	0.09	19.8
2 to 4 Persons .....	961.6	1,618.7	537.2	157.5	288.1	280	75.3	0.54	9.4	0.07	51.7	0.57	10.7
5 or More Persons .....	164.9	289.8	96.2	28.2	46.4	45	Q	Q	4.7	0.04	7.2	0.08	27.0

See footnotes at end of table.

**Table 57. Total Consumption in South Region Households, 1993 (Continued)**

Characteristics	Major Energy Sources <sup>1</sup> (tril- lion Btu)	Electricity			Natural Gas		Fuel Oil		Kerosene		Liquefied Petroleum Gas		RSE Row Factors
		Primary	Site		(tril- lion Btu)	(bil- lion cubic feet)	(tril- lion Btu)	(bil- lion gal- lons)	(tril- lion Btu)	(bil- lion gal- lons)	(tril- lion Btu)	(bil- lion gal- lons)	
		(tril- lion Btu)	(tril- lion Btu)	(bil- lion kWh)									
RSE Column Factor:	0.5	0.4	0.4	0.4	0.9	0.9	1.5	1.5	2.1	2.1	1.7	1.7	
<b>East South Central Division</b>	569.8	904.9	300.3	88.0	222.9	217	Q	Q	Q	Q	37.8	0.41	15.6
<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	Q	Q	NF
Under 5,500 HDD .....	455.2	709.7	235.5	69.0	181.3	176	Q	Q	Q	Q	Q	Q	44.4
2,000 CDD or More and Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>													
Single-Family .....	493.9	751.7	249.5	73.1	206.8	201	Q	Q	Q	Q	30.2	0.33	16.8
Mobile Home .....	47.0	98.9	32.8	9.6	5.2	5	Q	Q	Q	Q	7.5	0.08	22.3
Multifamily (2 or more units) ..	28.9	54.3	18.0	5.3	10.9	11	Q	Q	Q	Q	Q	Q	49.6
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	130.2	199.2	66.1	19.4	45.2	44	Q	Q	Q	Q	13.5	0.15	25.4
1,000 to 1,999 .....	247.6	440.5	146.2	42.8	82.0	80	Q	Q	Q	Q	17.4	0.19	20.9
2,000 or More .....	192.0	265.3	88.1	25.8	95.8	93	Q	Q	Q	Q	6.9	0.08	19.3
<b>Ownership of Unit</b>													
Owned .....	472.1	754.3	250.3	73.4	182.7	178	Q	Q	Q	Q	32.7	0.36	16.1
Rented .....	97.7	150.7	50.0	14.7	40.3	39	Q	Q	Q	Q	5.1	0.06	20.3
<b>Year of Construction</b>													
1939 or Before .....	111.0	84.5	28.0	8.2	72.5	71	Q	Q	Q	Q	8.3	0.09	30.1
1940 to 1979 .....	325.0	534.6	177.4	52.0	119.8	117	Q	Q	Q	Q	23.3	0.26	14.0
1980 or After <sup>3</sup> .....	133.8	285.9	94.9	27.8	30.7	30	Q	Q	Q	Q	6.1	0.07	20.5
<b>1993 Family Income</b>													
Less than \$10,000 .....	95.7	122.2	40.5	11.9	44.8	44	Q	Q	Q	Q	9.0	0.10	22.5
\$10,000 to \$19,999 .....	107.9	151.8	50.4	14.8	42.0	41	Q	Q	Q	Q	9.3	0.10	26.2
\$20,000 to \$34,999 .....	156.6	276.5	91.8	26.9	49.3	48	Q	Q	Q	Q	14.4	0.16	18.0
\$35,000 to \$49,999 .....	99.5	167.5	55.6	16.3	40.9	40	Q	Q	Q	Q	Q	Q	32.5
\$50,000 or More .....	110.1	187.0	62.1	18.2	45.9	45	Q	Q	Q	Q	Q	Q	27.6
<b>Below Poverty Line</b>													
100 Percent .....	100.5	131.7	43.7	12.8	43.2	42	Q	Q	Q	Q	11.8	0.13	18.7
125 Percent .....	129.7	178.1	59.1	17.3	54.8	53	Q	Q	Q	Q	14.0	0.15	19.1
150 Percent .....	163.9	226.1	75.1	22.0	69.7	68	Q	Q	Q	Q	16.4	0.18	15.2
<b>Age of Householder</b>													
Under 35 Years .....	119.6	225.3	74.8	21.9	35.5	35	Q	Q	Q	Q	8.1	0.09	22.6
35 to 59 Years .....	265.1	445.5	147.8	43.3	100.0	97	Q	Q	Q	Q	14.9	0.16	16.5
60 Years and Over .....	185.2	234.2	77.7	22.8	87.4	85	Q	Q	Q	Q	14.7	0.16	25.7
<b>Household Size</b>													
1 Person .....	109.8	136.0	45.1	13.2	54.2	53	Q	Q	Q	Q	8.0	0.09	24.6
2 to 4 Persons .....	374.4	637.4	211.5	62.0	134.6	131	Q	Q	Q	Q	22.6	0.25	17.1
5 or More Persons .....	85.6	131.6	43.7	12.8	34.1	33	Q	Q	Q	Q	Q	Q	46.0

See footnotes at end of table.



**Table 57. Total Consumption in South Region Households, 1993 (Continued)**

Characteristics	Major Energy Sources <sup>1</sup> (tril-lion Btu)	Electricity			Natural Gas		Fuel Oil		Kerosene		Liquefied Petroleum Gas		RSE Row Factors
		Primary (tril-lion Btu)	Site		(tril-lion Btu)	(bil-lion cubic feet)	(tril-lion Btu)	(bil-lion gal-lons)	(tril-lion Btu)	(bil-lion gal-lons)	(tril-lion Btu)	(bil-lion gal-lons)	
			(tril-lion Btu)	(bil-lion kWh)									
RSE Column Factor:	0.5	0.4	0.4	0.4	0.9	0.9	1.5	1.5	2.1	2.1	1.7	1.7	
<b>West South Central Division</b>	1,024.3	1,387.3	460.4	134.9	537.3	523	Q	Q	Q	Q	26.2	0.29	13.2
<b>Climate Zone<sup>2</sup></b>													
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	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 .....	880.2	1,252.3	415.6	121.8	443.6	432	Q	Q	Q	Q	Q	Q	21.2
<b>Type of Housing Unit</b>													
Single-Family .....	906.3	1,169.8	388.3	113.8	497.6	484	Q	Q	Q	Q	20.1	0.22	15.8
Mobile Home .....	41.6	74.8	24.8	7.3	Q	Q	Q	Q	Q	Q	Q	Q	67.3
Multifamily (2 or more units) ..	76.4	142.7	47.3	13.9	29.1	28	Q	Q	Q	Q	Q	Q	36.0
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	202.5	279.4	92.7	27.2	104.2	101	Q	Q	Q	Q	Q	Q	21.0
1,000 to 1,999 .....	549.4	714.3	237.1	69.5	295.5	287	Q	Q	Q	Q	16.5	0.18	15.2
2,000 or More .....	272.4	393.5	130.6	38.3	137.5	134	Q	Q	Q	Q	Q	Q	23.7
<b>Ownership of Unit</b>													
Owned .....	785.9	1,058.7	351.4	103.0	409.5	398	Q	Q	Q	Q	24.7	0.27	15.7
Rented .....	238.3	328.6	109.0	32.0	127.8	124	Q	Q	Q	Q	Q	Q	20.3
<b>Year of Construction</b>													
1939 or Before .....	122.2	110.7	36.7	10.8	80.2	78	Q	Q	Q	Q	Q	Q	21.6
1940 to 1979 .....	573.5	754.7	250.5	73.4	307.5	299	Q	Q	Q	Q	15.5	0.17	19.2
1980 or After <sup>3</sup> .....	328.5	521.8	173.2	50.8	149.6	146	Q	Q	Q	Q	Q	Q	18.0
<b>1993 Family Income</b>													
Less than \$10,000 .....	148.1	156.9	52.1	15.3	93.1	91	Q	Q	Q	Q	Q	Q	25.2
\$10,000 to \$19,999 .....	195.8	244.9	81.3	23.8	110.5	108	Q	Q	Q	Q	Q	Q	24.6
\$20,000 to \$34,999 .....	231.3	316.9	105.2	30.8	114.1	111	Q	Q	Q	Q	12.0	0.13	20.3
\$35,000 to \$49,999 .....	210.9	303.1	100.6	29.5	107.8	105	Q	Q	Q	Q	Q	Q	26.5
\$50,000 or More .....	238.3	365.4	121.3	35.5	111.8	109	Q	Q	Q	Q	Q	Q	31.3
<b>Below Poverty Line</b>													
100 Percent .....	156.4	174.2	57.8	16.9	95.4	93	Q	Q	Q	Q	Q	Q	22.7
125 Percent .....	205.9	232.2	77.1	22.6	122.4	119	Q	Q	Q	Q	Q	Q	20.7
150 Percent .....	259.4	299.9	99.5	29.2	152.0	148	Q	Q	Q	Q	7.8	0.09	22.6
<b>Age of Householder</b>													
Under 35 Years .....	267.6	364.8	121.1	35.5	143.6	140	Q	Q	Q	Q	Q	Q	22.7
35 to 59 Years .....	496.5	724.5	240.5	70.5	237.4	231	Q	Q	Q	Q	18.3	0.20	14.9
60 Years and Over .....	260.1	298.0	98.9	29.0	156.3	152	Q	Q	Q	Q	Q	Q	22.4
<b>Household Size</b>													
1 Person .....	177.5	229.4	76.1	22.3	97.5	95	Q	Q	Q	Q	Q	Q	18.9
2 to 4 Persons .....	696.9	949.3	315.1	92.3	365.6	356	Q	Q	Q	Q	15.8	0.17	14.3
5 or More Persons .....	149.9	208.5	69.2	20.3	74.2	72	Q	Q	Q	Q	Q	Q	20.8

<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.

(\*) = 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: • 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 58. Total Expenditures in South Region 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:	0.4	0.5	0.9	1.5	2.2	
<b>South Region</b>							
<b>Total Region</b> .....	43.67	34.08	7.24	0.73	0.17	1.46	7.7
<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 .....	20.44	14.96	3.88	0.70	0.12	0.77	16.0
2,000 CDD or More and Under 4,000 HDD .....	23.23	19.11	3.35	Q	0.05	0.69	16.6
<b>Type of Housing Unit</b>							
Single-Family .....	35.66	27.20	6.52	0.69	0.11	1.14	9.1
Mobile Home .....	3.19	2.66	0.13	Q	0.05	0.31	22.0
Multifamily (2 or more units) .....	4.82	4.21	0.58	Q	Q	Q	24.4
<b>Heated Floorspace (square feet)</b>							
Fewer than 1,000 .....	9.53	7.43	1.43	0.15	0.10	0.41	12.9
1,000 to 1,999 .....	21.35	16.87	3.42	0.27	0.06	0.74	10.7
2,000 or More .....	12.79	9.78	2.38	0.32	0.01	0.30	13.7
<b>Ownership of Unit</b>							
Owned .....	33.22	25.77	5.49	0.63	0.11	1.22	8.9
Rented .....	10.45	8.30	1.74	0.10	0.06	0.24	12.0
<b>Year of Construction</b>							
1939 or Before .....	4.26	2.51	1.36	0.18	0.02	0.20	17.2
1940 to 1979 .....	24.37	18.62	4.15	0.54	0.13	0.92	9.8
1980 or After <sup>3</sup> .....	15.04	12.95	1.73	Q	0.02	0.33	14.2
<b>1993 Family Income</b>							
Less than \$10,000 .....	5.78	4.13	1.23	Q	0.05	0.32	15.7
\$10,000 to \$19,999 .....	7.77	5.82	1.41	0.18	0.06	0.30	16.2
\$20,000 to \$34,999 .....	10.51	8.30	1.58	0.16	Q	0.45	11.8
\$35,000 to \$49,999 .....	8.36	6.76	1.29	0.12	0.01	0.18	14.2
\$50,000 or More .....	11.25	9.08	1.73	0.21	Q	0.21	13.9
<b>Below Poverty Line</b>							
100 Percent .....	5.96	4.29	1.22	Q	0.05	0.36	14.0
125 Percent .....	8.02	5.85	1.56	0.07	0.08	0.46	12.9
150 Percent .....	10.47	7.75	1.96	0.13	0.09	0.53	12.8
<b>Age of Householder</b>							
Under 35 Years .....	10.48	8.40	1.67	0.09	0.06	0.26	14.2
35 to 59 Years .....	21.84	17.45	3.36	0.28	0.09	0.66	10.5
60 Years and Over .....	11.35	8.22	2.21	0.36	0.02	0.53	13.5
<b>Household Size</b>							
1 Person .....	7.28	5.45	1.46	0.12	0.03	0.22	13.6
2 to 4 Persons .....	30.48	23.99	4.83	0.54	0.10	1.01	9.0
5 or More Persons .....	5.91	4.64	0.94	Q	0.04	0.22	17.3

See footnotes at end of table.

**Table 58. Total Expenditures in South Region Households, 1993 (Continued)**  
(Billion Dollars)

Characteristics	Major Energy Sources <sup>1</sup>	Electricity	Natural Gas	Fuel Oil	Kerosene	Liquefied Petroleum Gas	RSE Row Factors
	0.4	0.5	0.9	1.5	2.2	1.7	
<b>South Atlantic Division</b> .....	22.37	17.70	3.01	0.69	0.14	0.83	10.4
<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 .....	13.20	9.69	2.34	0.66	0.11	0.41	13.4
2,000 CDD or More and Under 4,000 HDD .....	9.18	8.01	0.67	Q	Q	0.42	13.2
<b>Type of Housing Unit</b>							
Single-Family .....	17.56	13.56	2.61	0.65	0.09	0.65	12.4
Mobile Home .....	1.74	1.45	Q	Q	0.05	0.17	26.6
Multifamily (2 or more units) .....	3.08	2.69	0.36	Q	Q	Q	32.5
<b>Heated Floorspace (square feet)</b>							
Fewer than 1,000 .....	4.95	3.93	0.58	0.12	0.09	0.22	15.9
1,000 to 1,999 .....	10.59	8.55	1.31	0.26	0.04	0.42	14.8
2,000 or More .....	6.84	5.21	1.12	0.31	0.01	0.19	19.2
<b>Ownership of Unit</b>							
Owned .....	16.52	12.96	2.21	0.60	0.09	0.66	12.1
Rented .....	5.86	4.74	0.80	0.09	0.06	0.17	14.7
<b>Year of Construction</b>							
1939 or Before .....	1.92	1.11	0.54	0.17	0.01	0.08	26.0
1940 to 1979 .....	12.41	9.47	1.77	0.52	0.12	0.53	13.6
1980 or After <sup>3</sup> .....	8.05	7.12	0.70	Q	0.01	0.22	19.1
<b>1993 Family Income</b>							
Less than \$10,000 .....	2.82	2.08	0.45	Q	0.04	0.20	23.2
\$10,000 to \$19,999 .....	3.90	2.98	0.55	0.15	0.06	Q	18.6
\$20,000 to \$34,999 .....	5.18	4.13	0.68	0.16	Q	0.19	18.3
\$35,000 to \$49,999 .....	4.15	3.41	0.48	0.12	Q	0.13	23.2
\$50,000 or More .....	6.32	5.09	0.85	0.21	Q	0.15	16.8
<b>Below Poverty Line</b>							
100 Percent .....	2.79	2.06	0.44	Q	0.04	0.20	20.9
125 Percent .....	3.79	2.85	0.55	0.07	0.06	0.25	17.4
150 Percent .....	5.15	3.96	0.71	0.13	0.08	0.28	17.6
<b>Age of Householder</b>							
Under 35 Years .....	5.13	4.18	0.66	0.09	0.06	0.15	19.5
35 to 59 Years .....	11.31	9.13	1.49	0.28	0.07	0.34	13.5
60 Years and Over .....	5.93	4.39	0.86	0.32	0.02	0.34	17.8
<b>Household Size</b>							
1 Person .....	3.58	2.74	0.60	0.10	0.03	0.11	18.2
2 to 4 Persons .....	16.00	12.71	2.08	0.52	0.08	0.62	11.8
5 or More Persons .....	2.80	2.25	0.33	Q	0.04	0.10	26.5

See footnotes at end of table.

**Table 58. Total Expenditures in South Region Households, 1993 (Continued)**  
(Billion Dollars)

Characteristics	Major Energy Sources <sup>1</sup>	Electricity	Natural Gas	Fuel Oil	Kerosene	Liquefied Petroleum Gas	RSE Row Factors
	0.4	0.5	0.9	1.5	2.2	1.7	
<b>East South Central Division</b> .....	7.20	5.50	1.26	Q	Q	0.38	13.1
<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 .....	5.63	4.22	1.04	Q	Q	Q	48.6
2,000 CDD or More and							
Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>							
Single-Family .....	6.05	4.54	1.16	Q	Q	0.30	13.5
Mobile Home .....	0.74	0.62	0.03	Q	Q	0.08	23.2
Multifamily (2 or more units) .....	0.41	0.35	0.07	Q	Q	Q	56.3
<b>Heated Floorspace (square feet)</b>							
Fewer than 1,000 .....	1.67	1.23	0.26	Q	Q	0.14	24.9
1,000 to 1,999 .....	3.36	2.70	0.47	Q	Q	0.18	15.1
2,000 or More .....	2.17	1.57	0.53	Q	Q	0.07	19.1
<b>Ownership of Unit</b>							
Owned .....	5.95	4.55	1.03	Q	Q	0.33	13.5
Rented .....	1.25	0.95	0.23	Q	Q	0.05	20.2
<b>Year of Construction</b>							
1939 or Before .....	1.01	0.54	0.38	Q	Q	0.08	27.9
1940 to 1979 .....	4.22	3.25	0.70	Q	Q	0.24	12.4
1980 or After <sup>3</sup> .....	1.98	1.71	0.19	Q	Q	0.06	22.3
<b>1993 Family Income</b>							
Less than \$10,000 .....	1.16	0.80	0.26	Q	Q	0.09	23.0
\$10,000 to \$19,999 .....	1.31	0.93	0.24	Q	Q	0.10	24.9
\$20,000 to \$34,999 .....	2.10	1.67	0.27	Q	Q	0.15	13.9
\$35,000 to \$49,999 .....	1.23	0.98	0.23	Q	Q	Q	25.6
\$50,000 or More .....	1.40	1.12	0.26	Q	Q	Q	32.7
<b>Below Poverty Line</b>							
100 Percent .....	1.22	0.85	0.24	Q	Q	0.12	15.3
125 Percent .....	1.61	1.14	0.31	Q	Q	0.15	14.2
150 Percent .....	2.03	1.44	0.39	Q	Q	0.17	14.5
<b>Age of Householder</b>							
Under 35 Years .....	1.67	1.36	0.21	Q	Q	0.09	22.2
35 to 59 Years .....	3.44	2.70	0.57	Q	Q	0.15	18.5
60 Years and Over .....	2.10	1.44	0.48	Q	Q	0.15	18.9
<b>Household Size</b>							
1 Person .....	1.28	0.88	0.31	Q	Q	0.08	24.5
2 to 4 Persons .....	4.88	3.84	0.76	Q	Q	0.24	14.9
5 or More Persons .....	1.04	0.78	0.19	Q	Q	0.07	41.3

See footnotes at end of table.

**Table 58. Total Expenditures in South Region Households, 1993 (Continued)**  
(Billion Dollars)

Characteristics	Major Energy Sources <sup>1</sup>	Electricity	Natural Gas	Fuel Oil	Kerosene	Liquefied Petroleum Gas	RSE Row Factors
	0.4	0.5	0.9	1.5	2.2	1.7	
<b>West South Central Division</b> .....	14.09	10.88	2.97	Q	Q	0.24	12.0
<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 .....	12.48	9.82	2.46	Q	Q	0.19	22.3
<b>Type of Housing Unit</b>							
Single-Family .....	12.05	9.11	2.75	Q	Q	0.19	14.4
Mobile Home .....	0.72	0.60	Q	Q	Q	Q	70.2
Multifamily (2 or more units) .....	1.33	1.17	0.15	Q	Q	Q	38.1
<b>Heated Floorspace (square feet)</b>							
Fewer than 1,000 .....	2.91	2.26	0.59	Q	Q	Q	22.3
1,000 to 1,999 .....	7.40	5.61	1.64	Q	Q	0.14	13.5
2,000 or More .....	3.78	3.00	0.74	Q	Q	Q	22.6
<b>Ownership of Unit</b>							
Owned .....	10.75	8.27	2.26	Q	Q	0.23	13.9
Rented .....	3.34	2.61	0.71	Q	Q	Q	22.8
<b>Year of Construction</b>							
1939 or Before .....	1.34	0.85	0.44	Q	Q	Q	18.6
1940 to 1979 .....	7.75	5.90	1.68	Q	Q	0.16	16.8
1980 or After <sup>3</sup> .....	5.01	4.12	0.84	Q	Q	Q	17.8
<b>1993 Family Income</b>							
Less than \$10,000 .....	1.80	1.25	0.52	Q	Q	Q	21.0
\$10,000 to \$19,999 .....	2.57	1.90	0.62	Q	Q	Q	25.1
\$20,000 to \$34,999 .....	3.23	2.49	0.63	Q	Q	0.11	18.3
\$35,000 to \$49,999 .....	2.98	2.37	0.58	Q	Q	Q	23.9
\$50,000 or More .....	3.52	2.86	0.62	Q	Q	Q	31.6
<b>Below Poverty Line</b>							
100 Percent .....	1.95	1.38	0.54	Q	Q	Q	21.8
125 Percent .....	2.61	1.85	0.70	Q	Q	Q	20.2
150 Percent .....	3.29	2.35	0.86	Q	Q	0.08	21.0
<b>Age of Householder</b>							
Under 35 Years .....	3.68	2.86	0.79	Q	Q	Q	21.6
35 to 59 Years .....	7.09	5.62	1.30	Q	Q	0.17	13.9
60 Years and Over .....	3.32	2.40	0.87	Q	Q	Q	21.6
<b>Household Size</b>							
1 Person .....	2.42	1.83	0.55	Q	Q	Q	16.9
2 to 4 Persons .....	9.60	7.45	2.00	Q	Q	0.15	14.7
5 or More Persons .....	2.07	1.60	0.42	Q	Q	Q	20.8

<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 59. Electricity Consumption and Expenditures in South Region 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:	1.4	1.1	1.1	1.1	1.1	0.8	0.6	

**South Region**

<b>Total Region</b> .....	33.4	135.8	45.1	13,212	1,019	1,707	7.7	2.2
<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 .....	15.6	133.9	44.4	13,023	958	1,804	7.4	3.5
2,000 CDD or More and Under 4,000 HDD .....	17.8	137.5	45.6	13,378	1,073	1,622	8.0	3.5
<b>Type of Housing Unit</b>								
Single-Family .....	24.8	147.3	48.9	14,331	1,098	1,986	7.7	2.3
Mobile Home .....	2.6	140.2	46.5	13,639	1,021	979	7.5	5.0
Multifamily (2 or more units) .....	6.1	86.9	28.8	8,454	695	883	8.2	3.5
<b>Heated Floorspace (square feet)</b>								
Fewer than 1,000 .....	10.3	94.0	31.2	9,147	720	823	7.9	2.7
1,000 to 1,999 .....	15.8	141.3	46.9	13,741	1,066	1,616	7.8	2.3
2,000 or More .....	7.3	183.1	60.8	17,809	1,341	3,156	7.5	2.9
<b>Ownership of Unit</b>								
Owned .....	22.8	152.1	50.5	14,793	1,129	2,005	7.6	2.1
Rented .....	10.6	100.8	33.4	9,803	784	1,065	8.0	3.1
<b>Year of Construction</b>								
1939 or Before .....	3.5	98.2	32.6	9,551	724	1,733	7.6	5.3
1940 to 1979 .....	18.6	133.7	44.4	13,003	999	1,626	7.7	2.7
1980 or After <sup>2</sup> .....	11.3	150.9	50.1	14,674	1,143	1,832	7.8	2.7
<b>1993 Family Income</b>								
Less than \$10,000 .....	6.0	89.0	29.5	8,654	687	1,095	7.9	4.1
\$10,000 to \$19,999 .....	7.0	111.6	37.0	10,858	835	1,375	7.7	3.6
\$20,000 to \$34,999 .....	8.0	140.3	46.6	13,645	1,040	1,625	7.6	3.0
\$35,000 to \$49,999 .....	5.8	157.1	52.1	15,279	1,171	2,031	7.7	3.2
\$50,000 or More .....	6.7	179.3	59.5	17,438	1,352	2,419	7.8	3.1
<b>Below Poverty Line</b>								
100 Percent .....	5.9	95.0	31.5	9,244	731	1,115	7.9	4.1
125 Percent .....	7.6	100.5	33.3	9,774	767	1,144	7.8	3.7
150 Percent .....	9.7	105.6	35.1	10,276	801	1,196	7.8	3.4
<b>Age of Householder</b>								
Under 35 Years .....	8.9	124.8	41.4	12,143	942	1,350	7.8	3.0
35 to 59 Years .....	15.1	155.5	51.6	15,127	1,158	1,876	7.7	2.4
60 Years and Over .....	9.4	114.8	38.1	11,165	871	1,775	7.8	3.6
<b>Household Size</b>								
1 Person .....	8.0	88.7	29.4	8,631	685	1,298	7.9	3.2
2 to 4 Persons .....	22.0	145.8	48.4	14,185	1,092	1,808	7.7	2.1
5 or More Persons .....	3.5	180.0	59.7	17,508	1,325	2,002	7.6	4.0

See footnotes at end of table.

**Table 59. Electricity Consumption and Expenditures in South Region Households, 1993 (Continued)**

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:	1.4	1.1	1.1	1.1	1.1	0.8	0.6	
<b>South Atlantic Division</b> .....	17.3	130.0	43.1	12,642	1,023	1,724	8.1	2.5
<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 .....	9.8	127.6	42.3	12,412	991	1,800	8.0	2.9
2,000 CDD or More and Under 4,000 HDD .....	7.5	133.0	44.2	12,942	1,065	1,624	8.2	3.2
<b>Type of Housing Unit</b>								
Single-Family .....	12.1	142.4	47.3	13,852	1,118	2,054	8.1	3.1
Mobile Home .....	1.4	133.2	44.2	12,954	1,005	976	7.8	8.1
Multifamily (2 or more units) .....	3.7	88.3	29.3	8,592	722	937	8.4	4.5
<b>Heated Floorspace (square feet)</b>								
Fewer than 1,000 .....	5.4	90.3	30.0	8,782	723	814	8.2	3.7
1,000 to 1,999 .....	7.9	136.4	45.3	13,269	1,079	1,644	8.1	2.9
2,000 or More .....	3.9	171.8	57.0	16,712	1,323	3,140	7.9	4.3
<b>Ownership of Unit</b>								
Owned .....	11.4	145.4	48.2	14,140	1,135	2,072	8.0	2.7
Rented .....	5.9	100.1	33.2	9,733	806	1,046	8.3	4.0
<b>Year of Construction</b>								
1939 or Before .....	1.5	99.0	32.9	9,634	762	1,717	7.9	10.5
1940 to 1979 .....	9.4	127.9	42.5	12,444	1,007	1,664	8.1	3.1
1980 or After <sup>2</sup> .....	6.4	140.0	46.5	13,616	1,105	1,812	8.1	3.8
<b>1993 Family Income</b>								
Less than \$10,000 .....	2.9	86.7	28.8	8,429	708	994	8.4	6.1
\$10,000 to \$19,999 .....	3.5	107.8	35.8	10,485	843	1,322	8.0	4.7
\$20,000 to \$34,999 .....	4.0	131.6	43.7	12,805	1,036	1,631	8.1	3.8
\$35,000 to \$49,999 .....	3.0	146.4	48.6	14,239	1,144	2,013	8.0	3.9
\$50,000 or More .....	3.9	169.0	56.1	16,439	1,322	2,522	8.0	3.6
<b>Below Poverty Line</b>								
100 Percent .....	2.8	89.3	29.6	8,688	732	1,011	8.4	5.2
125 Percent .....	3.7	96.9	32.2	9,423	776	1,053	8.2	4.8
150 Percent .....	4.8	104.1	34.6	10,127	828	1,144	8.2	4.7
<b>Age of Householder</b>								
Under 35 Years .....	4.4	117.8	39.1	11,459	940	1,376	8.2	3.8
35 to 59 Years .....	7.9	149.3	49.5	14,521	1,162	1,905	8.0	3.2
60 Years and Over .....	5.0	110.4	36.6	10,740	878	1,747	8.2	5.0
<b>Household Size</b>								
1 Person .....	4.0	84.5	28.1	8,222	680	1,291	8.3	3.7
2 to 4 Persons .....	11.6	139.3	46.2	13,549	1,093	1,811	8.1	2.5
5 or More Persons .....	1.7	175.0	58.1	17,026	1,361	2,163	8.0	6.3

See footnotes at end of table.

**Table 59. Electricity Consumption and Expenditures in South Region Households, 1993 (Continued)**

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:	1.4	1.1	1.1	1.1	1.1	0.8	0.6	
<b>East South Central Division</b> .....	6.0	150.8	50.0	14,666	917	1,796	6.2	4.5
<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 .....	4.7	152.0	50.4	14,782	904	1,858	6.1	7.2
2,000 CDD or More and Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>								
Single-Family .....	4.7	160.7	53.3	15,631	970	2,052	6.2	3.8
Mobile Home .....	0.7	144.6	48.0	14,064	901	953	6.4	5.6
Multifamily (2 or more units) .....	0.6	84.8	28.2	8,253	542	828	6.6	7.5
<b>Heated Floorspace (square feet)</b>								
Fewer than 1,000 .....	1.8	108.7	36.1	10,575	674	847	6.4	5.6
1,000 to 1,999 .....	2.7	163.0	54.1	15,860	999	1,599	6.3	5.1
2,000 or More .....	1.5	180.7	60.0	17,575	1,067	3,343	6.1	5.3
<b>Ownership of Unit</b>								
Owned .....	4.6	164.3	54.5	15,987	991	1,993	6.2	3.5
Rented .....	1.4	106.7	35.4	10,376	675	1,155	6.5	6.7
<b>Year of Construction</b>								
1939 or Before .....	0.9	98.7	32.7	9,597	631	1,947	6.6	9.6
1940 to 1979 .....	3.5	152.6	50.7	14,847	927	1,755	6.2	4.7
1980 or After <sup>2</sup> .....	1.6	174.0	57.7	16,923	1,043	1,805	6.2	5.0
<b>1993 Family Income</b>								
Less than \$10,000 .....	1.2	97.8	32.5	9,518	638	1,223	6.7	9.1
\$10,000 to \$19,999 .....	1.2	128.8	42.8	12,531	793	1,654	6.3	5.9
\$20,000 to \$34,999 .....	1.7	163.0	54.1	15,860	985	1,740	6.2	5.1
\$35,000 to \$49,999 .....	0.9	182.2	60.5	17,723	1,065	2,216	6.0	6.8
\$50,000 or More .....	1.0	194.8	64.7	18,951	1,166	2,412	6.2	5.9
<b>Below Poverty Line</b>								
100 Percent .....	1.2	109.5	36.3	10,652	705	1,289	6.6	11.4
125 Percent .....	1.6	113.2	37.6	11,010	727	1,295	6.6	9.8
150 Percent .....	1.9	119.1	39.5	11,582	760	1,320	6.6	8.4
<b>Age of Householder</b>								
Under 35 Years .....	1.5	153.2	50.9	14,904	926	1,373	6.2	5.3
35 to 59 Years .....	2.6	169.8	56.4	16,521	1,031	1,914	6.2	4.0
60 Years and Over .....	1.9	122.7	40.7	11,934	752	1,960	6.3	6.7
<b>Household Size</b>								
1 Person .....	1.4	93.8	31.1	9,122	604	1,418	6.6	9.8
2 to 4 Persons .....	3.9	163.1	54.1	15,867	983	1,909	6.2	4.0
5 or More Persons .....	0.6	204.1	67.7	19,854	1,213	1,961	6.1	5.9

See footnotes at end of table.



**Table 59. Electricity Consumption and Expenditures in South Region Households, 1993 (Continued)**

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:	1.4	1.1	1.1	1.1	1.1	0.8	0.6	
<b>West South Central Division</b> .....	10.1	137.0	45.5	13,323	1,074	1,626	8.1	5.2
<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 .....	8.9	139.9	46.4	13,613	1,097	1,627	8.1	5.9
<b>Type of Housing Unit</b>								
Single-Family .....	8.0	147.0	48.8	14,296	1,144	1,842	8.0	4.4
Mobile Home .....	0.5	155.0	51.5	15,082	1,239	1,022	8.2	10.6
Multifamily (2 or more units) .....	1.7	84.6	28.1	8,226	696	783	8.5	7.0
<b>Heated Floorspace (square feet)</b>								
Fewer than 1,000 .....	3.0	91.9	30.5	8,941	743	824	8.3	5.0
1,000 to 1,999 .....	5.2	137.3	45.6	13,359	1,080	1,582	8.1	4.8
2,000 or More .....	1.9	208.5	69.2	20,281	1,591	3,042	7.8	4.9
<b>Ownership of Unit</b>								
Owned .....	6.8	155.1	51.5	15,084	1,211	1,901	8.0	4.5
Rented .....	3.3	99.5	33.0	9,680	791	1,059	8.2	6.6
<b>Year of Construction</b>								
1939 or Before .....	1.1	96.7	32.1	9,410	744	1,593	7.9	6.1
1940 to 1979 .....	5.7	131.5	43.7	12,795	1,029	1,485	8.0	5.9
1980 or After <sup>2</sup> .....	3.2	160.7	53.3	15,635	1,270	1,888	8.1	4.5
<b>1993 Family Income</b>								
Less than \$10,000 .....	1.8	86.6	28.8	8,426	688	1,170	8.2	6.3
\$10,000 to \$19,999 .....	2.3	108.7	36.1	10,570	845	1,312	8.0	7.2
\$20,000 to \$34,999 .....	2.3	138.5	46.0	13,469	1,088	1,530	8.1	6.8
\$35,000 to \$49,999 .....	1.9	161.8	53.7	15,736	1,266	1,969	8.0	6.6
\$50,000 or More .....	1.9	192.2	63.8	18,699	1,507	2,212	8.1	7.0
<b>Below Poverty Line</b>								
100 Percent .....	1.8	94.3	31.3	9,174	746	1,158	8.1	6.5
125 Percent .....	2.4	97.6	32.4	9,497	779	1,186	8.2	6.0
150 Percent .....	3.0	99.6	33.1	9,690	782	1,200	8.1	6.3
<b>Age of Householder</b>								
Under 35 Years .....	3.0	121.3	40.3	11,804	952	1,300	8.1	6.0
35 to 59 Years .....	4.6	158.0	52.4	15,368	1,225	1,804	8.0	4.7
60 Years and Over .....	2.5	117.5	39.0	11,425	946	1,692	8.3	7.1
<b>Household Size</b>								
1 Person .....	2.5	92.6	30.7	9,008	740	1,240	8.2	5.8
2 to 4 Persons .....	6.5	147.1	48.8	14,313	1,154	1,742	8.1	4.5
5 or More Persons .....	1.2	173.9	57.7	16,912	1,334	1,801	7.9	6.4

<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 60. Natural Gas Consumption and Expenditures in South Region 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:	2.0	1.0	1.0	0.9	0.9	0.6	

**South Region**

<b>Total Region</b> .....	14.7	80.1	77.9	491	1,796	6.30	3.7
<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 .....	6.6	91.4	88.9	589	1,985	6.62	5.0
2,000 CDD or More and Under 4,000 HDD .....	8.1	71.0	69.0	412	1,642	5.96	5.4
<b>Type of Housing Unit</b>							
Single-Family .....	12.3	86.7	84.3	529	1,978	6.27	3.7
Mobile Home .....	0.5	45.3	44.0	285	918	6.47	10.8
Multifamily (2 or more units) .....	1.9	46.6	45.4	299	843	6.60	6.9
<b>Heated Floorspace (square feet)</b>							
Fewer than 1,000 .....	3.9	58.6	57.0	366	855	6.42	5.3
1,000 to 1,999 .....	7.3	75.9	73.9	468	1,617	6.34	3.5
2,000 or More .....	3.5	112.9	109.8	678	3,216	6.17	4.6
<b>Ownership of Unit</b>							
Owned .....	10.4	86.8	84.4	529	2,056	6.26	3.9
Rented .....	4.3	64.2	62.4	400	1,173	6.41	5.1
<b>Year of Construction</b>							
1939 or Before .....	2.4	95.8	93.2	564	1,843	6.05	6.7
1940 to 1979 .....	8.6	79.0	76.8	484	1,667	6.29	4.3
1980 or After <sup>2</sup> .....	3.7	72.6	70.7	460	2,061	6.52	5.5
<b>1993 Family Income</b>							
Less than \$10,000 .....	2.9	69.7	67.8	426	1,209	6.28	5.5
\$10,000 to \$19,999 .....	3.2	71.4	69.4	440	1,474	6.34	5.4
\$20,000 to \$34,999 .....	3.2	81.6	79.4	497	1,718	6.26	5.5
\$35,000 to \$49,999 .....	2.5	86.1	83.7	517	2,118	6.18	5.6
\$50,000 or More .....	3.0	93.0	90.5	579	2,520	6.40	5.4
<b>Below Poverty Line</b>							
100 Percent .....	2.8	71.2	69.3	434	1,215	6.26	5.6
125 Percent .....	3.5	72.1	70.1	440	1,237	6.28	5.4
150 Percent .....	4.5	71.9	70.0	440	1,272	6.28	5.1
<b>Age of Householder</b>							
Under 35 Years .....	3.8	72.1	70.2	443	1,488	6.31	5.4
35 to 59 Years .....	6.5	83.1	80.8	514	1,976	6.36	4.2
60 Years and Over .....	4.4	82.6	80.3	498	1,791	6.21	5.1
<b>Household Size</b>							
1 Person .....	3.4	69.4	67.6	427	1,405	6.33	6.4
2 to 4 Persons .....	9.7	81.5	79.3	500	1,884	6.30	3.7
5 or More Persons .....	1.6	94.1	91.5	569	2,089	6.22	6.0

See footnotes at end of table.

**Table 60. Natural Gas Consumption and Expenditures in South Region Households, 1993 (Continued)**

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:	2.0	1.0	1.0	0.9	0.9	0.6	
<b>South Atlantic Division</b> .....	5.4	78.0	75.8	557	1,836	7.35	4.5
<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 .....	3.8	86.5	84.1	616	1,989	7.32	4.6
2,000 CDD or More and Under 4,000 HDD .....	1.6	57.7	56.2	419	1,474	7.46	5.3
<b>Type of Housing Unit</b>							
Single-Family .....	4.3	85.8	83.4	613	2,092	7.35	5.5
Mobile Home .....	0.1	42.0	40.8	314	833	7.68	Q
Multifamily (2 or more units) .....	1.0	49.6	48.3	353	883	7.30	7.8
<b>Heated Floorspace (square feet)</b>							
Fewer than 1,000 .....	1.5	54.2	52.7	390	818	7.40	5.9
1,000 to 1,999 .....	2.5	71.9	70.0	532	1,659	7.61	4.5
2,000 or More .....	1.5	112.4	109.4	770	3,173	7.04	7.6
<b>Ownership of Unit</b>							
Owned .....	3.6	85.5	83.2	609	2,194	7.32	5.3
Rented .....	1.8	62.6	60.9	452	1,105	7.42	6.9
<b>Year of Construction</b>							
1939 or Before .....	0.8	92.7	90.2	639	1,881	7.09	9.6
1940 to 1979 .....	3.1	80.7	78.5	569	1,736	7.25	6.2
1980 or After <sup>2</sup> .....	1.4	63.6	61.9	485	2,024	7.84	9.5
<b>1993 Family Income</b>							
Less than \$10,000 .....	1.0	65.8	64.0	467	1,028	7.30	8.3
\$10,000 to \$19,999 .....	1.1	66.5	64.7	479	1,410	7.41	8.4
\$20,000 to \$34,999 .....	1.1	86.4	84.0	613	1,747	7.30	8.7
\$35,000 to \$49,999 .....	0.9	72.3	70.3	532	2,111	7.56	9.6
\$50,000 or More .....	1.3	94.2	91.7	666	2,709	7.26	6.9
<b>Below Poverty Line</b>							
100 Percent .....	0.9	66.9	65.1	475	1,041	7.30	8.8
125 Percent .....	1.1	68.3	66.4	485	1,101	7.30	7.8
150 Percent .....	1.5	67.6	65.8	482	1,163	7.33	7.3
<b>Age of Householder</b>							
Under 35 Years .....	1.3	73.0	71.1	523	1,634	7.36	8.0
35 to 59 Years .....	2.6	78.8	76.6	569	2,066	7.43	4.9
60 Years and Over .....	1.5	80.6	78.5	566	1,608	7.21	9.9
<b>Household Size</b>							
1 Person .....	1.2	72.8	70.9	509	1,364	7.18	10.9
2 to 4 Persons .....	3.7	77.4	75.3	558	1,898	7.40	4.8
5 or More Persons .....	0.5	94.5	91.9	672	2,505	7.31	11.3

See footnotes at end of table.

**Table 60. Natural Gas Consumption and Expenditures in South Region Households, 1993 (Continued)**

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:	2.0	1.0	1.0	0.9	0.9	0.6	
<b>East South Central Division</b> .....	2.4	92.8	90.2	524	2,064	5.81	9.1
<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 .....	1.8	99.0	96.3	570	2,148	5.92	13.6
2,000 CDD or More and							
Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>							
Single-Family .....	2.1	97.9	95.3	551	2,237	5.79	8.8
Mobile Home .....	0.1	54.8	53.3	299	921	5.61	7.6
Multifamily (2 or more units) .....	0.2	55.8	54.3	343	751	6.32	11.5
<b>Heated Floorspace (square feet)</b>							
Fewer than 1,000 .....	0.6	74.9	72.9	433	893	5.95	13.6
1,000 to 1,999 .....	1.0	79.8	77.7	460	1,636	5.92	10.8
2,000 or More .....	0.8	123.9	120.6	681	3,547	5.65	7.2
<b>Ownership of Unit</b>							
Owned .....	1.9	98.4	95.7	556	2,293	5.81	9.0
Rented .....	0.5	73.7	71.7	417	1,286	5.81	10.8
<b>Year of Construction</b>							
1939 or Before .....	0.6	129.1	125.6	668	2,217	5.32	15.3
1940 to 1979 .....	1.5	81.2	79.0	473	1,950	5.99	9.4
1980 or After <sup>2</sup> .....	0.4	83.8	81.5	510	2,289	6.25	18.2
<b>1993 Family Income</b>							
Less than \$10,000 .....	0.5	83.8	81.5	483	1,415	5.92	12.8
\$10,000 to \$19,999 .....	0.4	96.7	94.1	549	2,069	5.83	11.4
\$20,000 to \$34,999 .....	0.6	81.0	78.7	449	1,742	5.70	10.1
\$35,000 to \$49,999 .....	0.4	113.7	110.6	632	2,686	5.72	13.7
\$50,000 or More .....	0.5	98.7	96.0	564	2,748	5.88	12.6
<b>Below Poverty Line</b>							
100 Percent .....	0.5	88.6	86.2	490	1,500	5.69	19.2
125 Percent .....	0.6	87.9	85.5	496	1,505	5.80	16.8
150 Percent .....	0.8	89.6	87.1	506	1,534	5.81	15.1
<b>Age of Householder</b>							
Under 35 Years .....	0.5	77.6	75.5	464	1,621	6.15	10.0
35 to 59 Years .....	1.1	93.6	91.1	533	2,168	5.85	11.7
60 Years and Over .....	0.9	99.6	96.9	545	2,169	5.62	8.5
<b>Household Size</b>							
1 Person .....	0.7	82.4	80.2	476	1,560	5.94	12.4
2 to 4 Persons .....	1.5	92.0	89.5	517	2,217	5.78	8.9
5 or More Persons .....	0.3	120.7	117.4	672	2,444	5.72	13.7

See footnotes at end of table.

**Table 60. Natural Gas Consumption and Expenditures in South Region Households, 1993 (Continued)**

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:	2.0	1.0	1.0	0.9	0.9	0.6	
<b>West South Central Division</b> .....	6.9	77.4	75.3	428	1,671	5.68	5.8
<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 .....	6.0	74.3	72.3	413	1,672	5.71	6.7
<b>Type of Housing Unit</b>							
Single-Family .....	6.0	83.4	81.1	460	1,805	5.68	5.2
Mobile Home .....	Q	43.2	42.1	265	960	6.30	19.5
Multifamily (2 or more units) .....	0.7	40.0	38.9	213	811	5.48	12.7
<b>Heated Floorspace (square feet)</b>							
Fewer than 1,000 .....	1.8	56.8	55.2	324	872	5.87	7.7
1,000 to 1,999 .....	3.8	77.5	75.3	429	1,585	5.69	4.8
2,000 or More .....	1.3	106.7	103.8	572	3,065	5.51	6.4
<b>Ownership of Unit</b>							
Owned .....	4.9	83.4	81.1	459	1,865	5.66	5.9
Rented .....	2.0	63.0	61.3	351	1,201	5.73	7.7
<b>Year of Construction</b>							
1939 or Before .....	1.0	79.8	77.7	443	1,602	5.70	7.2
1940 to 1979 .....	4.0	76.9	74.8	421	1,508	5.63	6.6
1980 or After <sup>2</sup> .....	1.9	77.2	75.1	433	2,045	5.76	6.7
<b>1993 Family Income</b>							
Less than \$10,000 .....	1.4	67.0	65.2	376	1,255	5.77	7.6
\$10,000 to \$19,999 .....	1.6	68.1	66.2	383	1,360	5.79	7.2
\$20,000 to \$34,999 .....	1.5	78.3	76.1	429	1,686	5.64	7.4
\$35,000 to \$49,999 .....	1.2	88.2	85.8	473	1,956	5.51	7.3
\$50,000 or More .....	1.2	89.6	87.2	497	2,242	5.70	8.4
<b>Below Poverty Line</b>							
100 Percent .....	1.4	68.0	66.2	387	1,232	5.85	6.8
125 Percent .....	1.8	68.9	67.0	392	1,231	5.85	7.1
150 Percent .....	2.2	68.6	66.7	388	1,251	5.82	6.8
<b>Age of Householder</b>							
Under 35 Years .....	2.0	70.4	68.4	388	1,368	5.67	7.7
35 to 59 Years .....	2.9	83.0	80.8	456	1,822	5.64	6.2
60 Years and Over .....	2.0	76.6	74.6	428	1,764	5.74	6.5
<b>Household Size</b>							
1 Person .....	1.6	61.5	59.8	347	1,371	5.79	8.8
2 to 4 Persons .....	4.5	81.5	79.3	447	1,764	5.63	5.6
5 or More Persons .....	0.9	85.2	82.9	478	1,738	5.77	6.4

<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 61. Fuel Oil Consumption and Expenditures in South Region Households, 1993**

Characteristics	Households Using Fuel Oil (million)	Average per Household				Expenditures (dollars per gallon)	RSE Row Factors
		Consumption		Expenditures (dollars)	Floorspace (square feet)		
		(million Btu)	(gallons)				
RSE Column Factor:	1.9	1.2	1.2	1.3	0.8	0.3	

**South Region**

<b>Total Region</b> .....	1.6	67.3	486	464	2,075	0.95	6.7
South Atlantic Division .....	1.5	67.5	487	465	2,103	0.96	7.0
East South Central Division .....	Q	Q	Q	Q	Q	Q	NF
West South Central Division .....	Q	Q	Q	Q	Q	Q	NF
<b>Climate Zone:<sup>1</sup></b>							
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	1.4	73.4	529	503	2,048	0.95	6.0
2,000 CDD or More and Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>							
Single-Family .....	1.4	71.3	514	494	2,265	0.96	6.7
Mobile Home .....	Q	Q	Q	Q	Q	Q	NF
Multifamily (2 or more units) .....	Q	Q	Q	Q	Q	Q	NF
<b>Heated Floorspace (square feet)</b>							
Fewer than 1,000 .....	0.4	62.5	451	392	796	0.87	15.2
1,000 to 1,999 .....	0.6	60.7	437	412	1,934	0.94	8.9
2,000 or More .....	0.6	78.5	566	573	3,122	1.01	6.6
<b>Ownership of Unit</b>							
Owned .....	1.2	77.0	555	536	2,351	0.96	6.7
Rented .....	0.4	38.8	280	250	1,257	0.89	12.4
<b>Year of Construction</b>							
1939 or Before .....	0.4	74.3	536	506	1,981	0.94	8.5
1940 to 1979 .....	1.2	66.5	480	461	2,098	0.96	8.3
1980 or After <sup>2</sup> .....	Q	Q	Q	Q	Q	Q	NF
<b>1993 Family Income</b>							
Less than \$10,000 .....	Q	Q	Q	Q	Q	Q	NF
\$10,000 to \$19,999 .....	0.4	66.7	482	422	1,603	0.88	14.6
\$20,000 to \$34,999 .....	0.4	61.3	442	418	1,926	0.95	11.7
\$35,000 to \$49,999 .....	0.2	77.6	560	565	2,413	1.01	14.8
\$50,000 or More .....	0.4	77.7	560	571	3,078	1.02	8.2
<b>Below Poverty Line</b>							
100 Percent .....	Q	Q	Q	Q	Q	Q	NF
125 Percent .....	0.2	48.6	350	320	988	0.91	12.5
150 Percent .....	0.4	53.8	388	354	1,334	0.91	11.8
<b>Age of Householder</b>							
Under 35 Years .....	0.2	55.7	403	373	1,538	0.93	10.7
35 to 59 Years .....	0.6	69.4	500	471	1,998	0.94	11.4
60 Years and Over .....	0.7	69.5	501	488	2,316	0.97	9.6
<b>Household Size</b>							
1 Person .....	0.3	51.7	374	363	1,551	0.97	15.1
2 to 4 Persons .....	1.1	70.6	509	482	2,257	0.95	7.6
5 or More Persons .....	Q	Q	Q	Q	Q	Q	NF

See footnotes at end of table.

**Table 61. Fuel Oil Consumption and Expenditures in South Region Households, 1993 (Continued)**

Characteristics	Households Using Fuel Oil (million)	Average per Household				Expenditures (dollars per gallon)	RSE Row Factors
		Consumption		Expenditures (dollars)	Floorspace (square feet)		
		(million Btu)	(gallons)				
RSE Column Factor:	1.9	1.2	1.2	1.3	0.8	0.3	
<b>South Atlantic Division</b> .....	1.5	67.5	487	465	2,103	0.96	7.0
<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 .....	1.3	73.9	533	508	2,079	0.95	6.3
2,000 CDD or More and Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>							
Single-Family .....	1.3	71.9	518	499	2,300	0.96	6.9
Mobile Home .....	Q	Q	Q	Q	Q	Q	NF
Multifamily (2 or more units) .....	Q	Q	Q	Q	Q	Q	NF
<b>Heated Floorspace (square feet)</b>							
Fewer than 1,000 .....	0.3	61.4	444	378	775	0.85	17.4
1,000 to 1,999 .....	0.6	61.1	440	417	1,906	0.95	9.1
2,000 or More .....	0.5	78.4	566	574	3,123	1.01	6.8
<b>Ownership of Unit</b>							
Owned .....	1.1	76.8	554	535	2,381	0.97	7.0
Rented .....	0.4	38.3	277	248	1,236	0.90	12.9
<b>Year of Construction</b>							
1939 or Before .....	0.3	78.2	564	532	2,093	0.94	7.6
1940 to 1979 .....	1.1	65.4	472	454	2,114	0.96	8.6
1980 or After <sup>2</sup> .....	Q	Q	Q	Q	Q	Q	NF
<b>1993 Family Income</b>							
Less than \$10,000 .....	Q	Q	Q	Q	Q	Q	NF
\$10,000 to \$19,999 .....	0.4	63.9	461	397	1,603	0.86	16.6
\$20,000 to \$34,999 .....	0.4	61.6	444	422	1,883	0.95	12.1
\$35,000 to \$49,999 .....	0.2	77.6	560	565	2,413	1.01	14.8
\$50,000 or More .....	0.4	77.7	560	571	3,078	1.02	8.2
<b>Below Poverty Line</b>							
100 Percent .....	Q	Q	Q	Q	Q	Q	NF
125 Percent .....	0.2	51.6	372	340	1,038	0.91	12.5
150 Percent .....	0.4	54.9	396	361	1,394	0.91	11.8
<b>Age of Householder</b>							
Under 35 Years .....	0.2	54.3	393	364	1,569	0.93	11.0
35 to 59 Years .....	0.6	71.3	514	484	2,039	0.94	11.2
60 Years and Over .....	0.7	68.7	495	485	2,348	0.98	10.4
<b>Household Size</b>							
1 Person .....	0.3	53.1	384	375	1,557	0.98	17.9
2 to 4 Persons .....	1.1	69.8	503	478	2,275	0.95	7.8
5 or More Persons .....	Q	Q	Q	Q	Q	Q	NF

<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: • Data in the East South Central and West South Central Divisions are not presented separately due to a scarcity of data. • 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 G of the 1993 Residential Energy Consumption Survey.

**Table 62. Kerosene Consumption and Expenditures in South Region Households, 1993**

Characteristics	Households Using Kerosene (million)	Average per Household				Expenditures (dollars per gallon)	RSE Row Factors
		Consumption		Expenditures (dollars)	Floorspace (square feet)		
		(million Btu)	(gallons)				
RSE Column Factor:	1.4	1.7	1.7	1.8	0.6	0.3	

**South Region**

<b>Total Region</b> .....	1.8	11.5	85	95	1,512	1.12	9.5
South Atlantic Division .....	1.4	12.2	91	101	1,448	1.12	10.5
East South Central Division .....	0.3	Q	Q	Q	1,655	1.08	17.5
West South Central Division .....	Q	Q	Q	Q	Q	Q	NF
<b>Climate Zone:<sup>1</sup></b>							
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	1.3	11.9	88	95	1,593	1.09	11.1
2,000 CDD or More and Under 4,000 HDD .....	0.5	10.4	77	93	1,297	1.21	16.4
<b>Type of Housing Unit</b>							
Single-Family .....	1.3	10.2	75	83	1,720	1.10	11.4
Mobile Home .....	0.4	17.3	128	149	857	1.17	20.0
Multifamily (2 or more units) .....	Q	Q	Q	Q	Q	Q	NF
<b>Heated Floorspace (square feet)</b>							
Fewer than 1,000 .....	0.7	16.7	124	141	875	1.14	12.6
1,000 to 1,999 .....	0.8	9.3	69	75	1,629	1.09	11.1
2,000 or More .....	0.3	3.4	25	27	2,903	1.07	14.3
<b>Ownership of Unit</b>							
Owned .....	1.2	10.8	80	92	1,762	1.15	12.3
Rented .....	0.6	12.8	95	101	1,054	1.06	15.4
<b>Year of Construction</b>							
1939 or Before .....	0.3	7.9	59	63	1,672	1.07	21.3
1940 to 1979 .....	1.2	13.1	97	109	1,418	1.12	9.9
1980 or After <sup>2</sup> .....	0.3	8.1	60	68	1,753	1.13	19.9
<b>1993 Family Income</b>							
Less than \$10,000 .....	0.4	15.3	113	119	1,060	1.05	15.0
\$10,000 to \$19,999 .....	0.6	12.4	92	102	1,427	1.11	14.5
\$20,000 to \$34,999 .....	0.3	8.0	59	74	1,295	1.24	26.0
\$35,000 to \$49,999 .....	0.2	7.4	55	58	1,670	1.06	17.0
\$50,000 or More .....	0.3	10.1	75	90	2,619	1.20	21.2
<b>Below Poverty Line</b>							
100 Percent .....	0.5	13.2	98	104	1,080	1.06	15.5
125 Percent .....	0.7	14.5	108	116	1,162	1.08	15.7
150 Percent .....	0.8	14.9	111	119	1,240	1.07	14.3
<b>Age of Householder</b>							
Under 35 Years .....	0.5	14.2	105	122	1,065	1.16	17.7
35 to 59 Years .....	0.9	11.7	86	95	1,704	1.10	12.9
60 Years and Over .....	0.4	7.6	56	60	1,623	1.06	22.4
<b>Household Size</b>							
1 Person .....	0.3	12.7	94	99	1,117	1.05	18.9
2 to 4 Persons .....	1.3	9.0	67	76	1,640	1.14	12.8
5 or More Persons .....	0.2	24.1	179	199	1,263	1.12	18.3

See footnotes at end of table.



**Table 62. Kerosene Consumption and Expenditures in South Region Households, 1993 (Continued)**

Characteristics	Households Using Kerosene (million)	Average per Household				Expenditures (dollars per gallon)	RSE Row Factors
		Consumption		Expenditures (dollars)	Floorspace (square feet)		
		(million Btu)	(gallons)				
RSE Column Factor:	1.4	1.7	1.7	1.8	0.6	0.3	
<b>South Atlantic Division</b> .....	1.4	12.2	91	101	1,448	1.12	10.5
<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 .....	1.1	12.0	89	97	1,567	1.09	12.4
2,000 CDD or More and Under 4,000 HDD .....	0.3	13.1	97	116	1,068	1.19	15.9
<b>Type of Housing Unit</b>							
Single-Family .....	1.0	10.8	80	87	1,678	1.10	13.6
Mobile Home .....	0.3	18.4	136	159	791	1.17	21.4
Multifamily (2 or more units) .....	Q	Q	Q	Q	Q	Q	NF
<b>Heated Floorspace (square feet)</b>							
Fewer than 1,000 .....	0.6	17.7	131	150	826	1.14	13.5
1,000 to 1,999 .....	0.6	9.1	67	72	1,616	1.08	12.4
2,000 or More .....	0.2	3.8	28	30	3,036	1.07	18.0
<b>Ownership of Unit</b>							
Owned .....	0.8	12.0	89	102	1,735	1.16	14.9
Rented .....	0.6	12.6	93	99	1,034	1.06	16.3
<b>Year of Construction</b>							
1939 or Before .....	0.2	7.2	53	57	1,616	1.08	25.5
1940 to 1979 .....	1.0	14.7	109	122	1,376	1.12	10.3
1980 or After <sup>2</sup> .....	0.2	4.2	31	35	1,648	1.15	21.9
<b>1993 Family Income</b>							
Less than \$10,000 .....	0.3	16.4	122	128	948	1.05	15.1
\$10,000 to \$19,999 .....	0.6	12.1	90	99	1,380	1.11	15.8
\$20,000 to \$34,999 .....	0.2	Q	Q	Q	1,128	1.27	40.4
\$35,000 to \$49,999 .....	Q	Q	Q	Q	Q	Q	NF
\$50,000 or More .....	0.2	10.9	81	95	2,756	1.19	24.4
<b>Below Poverty Line</b>							
100 Percent .....	0.4	12.8	95	101	989	1.06	16.9
125 Percent .....	0.5	15.2	112	122	1,046	1.09	17.6
150 Percent .....	0.6	15.8	117	126	1,154	1.08	16.2
<b>Age of Householder</b>							
Under 35 Years .....	0.4	15.8	117	137	946	1.17	17.5
35 to 59 Years .....	0.7	11.4	84	93	1,669	1.10	15.3
60 Years and Over .....	0.3	9.1	68	71	1,624	1.05	24.1
<b>Household Size</b>							
1 Person .....	0.2	14.0	104	108	1,088	1.04	19.1
2 to 4 Persons .....	1.0	9.4	69	79	1,578	1.14	15.4
5 or More Persons .....	0.2	25.2	186	210	1,222	1.13	20.5

<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: • Data in the East South Central and West South Central Divisions are not presented separately due to a scarcity of data. • 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 G of the 1993 Residential Energy Consumption Survey.

**Table 63. Liquefied Petroleum Gas Consumption and Expenditures in South Region Households, 1993**

Characteristics	Households Using LPG (million)	Average per Household				Expenditures (dollars per gallon)	RSE Row Factors
		Consumption		Expenditures (dollars)	Floorspace (square feet)		
		(million Btu)	(gallons)				
RSE Column Factor:	2.0	1.2	1.2	1.1	0.7	0.4	

**South Region**

<b>Total Region</b> .....	4.0	32.9	360	366	1,532	1.02	5.8
South Atlantic Division .....	2.3	28.6	313	355	1,587	1.14	10.1
East South Central Division .....	0.9	40.7	446	411	1,413	0.92	7.3
West South Central Division .....	0.7	37.0	405	343	1,508	0.85	17.3
<b>Climate Zone:<sup>1</sup></b>							
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	1.8	38.1	418	421	1,506	1.01	9.0
2,000 CDD or More and Under 4,000 HDD .....	2.2	28.5	312	320	1,554	1.03	10.5
<b>Type of Housing Unit</b>							
Single-Family .....	3.0	34.9	382	383	1,739	1.00	6.6
Mobile Home .....	0.9	28.0	306	327	921	1.07	9.4
Multifamily (2 or more units) .....	Q	Q	Q	Q	Q	Q	NF
<b>Heated Floorspace (square feet)</b>							
Fewer than 1,000 .....	1.4	24.5	268	290	821	1.08	7.7
1,000 to 1,999 .....	1.8	37.8	414	407	1,478	0.98	6.9
2,000 or More .....	0.7	36.9	404	411	3,024	1.02	9.7
<b>Ownership of Unit</b>							
Owned .....	3.2	35.0	384	382	1,667	1.00	6.0
Rented .....	0.8	24.3	266	302	990	1.13	10.8
<b>Year of Construction</b>							
1939 or Before .....	0.5	37.8	414	392	1,451	0.95	15.1
1940 to 1979 .....	2.5	32.8	359	367	1,445	1.02	6.1
1980 or After <sup>2</sup> .....	0.9	30.5	334	351	1,810	1.05	11.4
<b>1993 Family Income</b>							
Less than \$10,000 .....	0.9	31.0	339	353	1,033	1.04	9.8
\$10,000 to \$19,999 .....	1.0	27.6	303	318	1,346	1.05	10.5
\$20,000 to \$34,999 .....	1.2	34.6	379	377	1,451	0.99	8.4
\$35,000 to \$49,999 .....	0.4	37.7	413	405	2,028	0.98	13.5
\$50,000 or More .....	0.5	38.1	417	423	2,563	1.01	13.9
<b>Below Poverty Line</b>							
100 Percent .....	1.0	31.8	348	362	1,062	1.04	9.5
125 Percent .....	1.4	29.1	318	332	1,088	1.04	8.7
150 Percent .....	1.6	29.1	319	334	1,125	1.05	7.6
<b>Age of Householder</b>							
Under 35 Years .....	0.8	28.2	309	328	1,229	1.06	8.9
35 to 59 Years .....	1.9	31.8	348	352	1,643	1.01	7.0
60 Years and Over .....	1.3	37.4	410	411	1,560	1.00	9.4
<b>Household Size</b>							
1 Person .....	0.8	26.3	288	297	1,181	1.03	12.4
2 to 4 Persons .....	2.7	33.7	369	379	1,632	1.03	6.5
5 or More Persons .....	0.5	38.0	416	401	1,534	0.96	15.3

See footnotes at end of table.

**Table 63. Liquefied Petroleum Gas Consumption and Expenditures in South Region Households, 1993 (Continued)**

Characteristics	Households Using LPG (million)	Average per Household				Expenditures (dollars per gallon)	RSE Row Factors
		Consumption		Expenditures (dollars)	Floorspace (square feet)		
		(million Btu)	(gallons)				
RSE Column Factor:	2.0	1.2	1.2	1.1	0.7	0.4	
<b>South Atlantic Division</b> .....	2.3	28.6	313	355	1,587	1.14	10.1
<b>Climate Zone:<sup>1</sup></b>							
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	1.1	31.5	345	383	1,530	1.11	14.1
2,000 CDD or More and Under 4,000 HDD .....	1.3	26.0	285	331	1,635	1.16	15.2
<b>Type of Housing Unit</b>							
Single-Family .....	1.7	31.4	344	380	1,834	1.11	11.2
Mobile Home .....	0.6	22.1	242	302	924	1.25	11.2
Multifamily (2 or more units) .....	Q	Q	Q	Q	Q	Q	NF
<b>Heated Floorspace (square feet)</b>							
Fewer than 1,000 .....	0.8	18.7	205	261	834	1.28	9.5
1,000 to 1,999 .....	1.1	33.2	364	398	1,497	1.10	10.5
2,000 or More .....	0.5	36.0	394	428	3,193	1.09	13.7
<b>Ownership of Unit</b>							
Owned .....	1.7	31.3	342	382	1,789	1.12	10.8
Rented .....	0.6	20.8	228	279	1,007	1.22	13.4
<b>Year of Construction</b>							
1939 or Before .....	0.3	23.3	255	328	1,396	1.29	20.8
1940 to 1979 .....	1.4	30.3	332	364	1,429	1.10	11.1
1980 or After <sup>2</sup> .....	0.6	26.7	292	345	2,017	1.18	14.0
<b>1993 Family Income</b>							
Less than \$10,000 .....	0.5	30.3	332	380	1,121	1.15	15.5
\$10,000 to \$19,999 .....	0.6	22.9	251	295	1,120	1.17	21.2
\$20,000 to \$34,999 .....	0.6	24.9	272	310	1,520	1.14	13.4
\$35,000 to \$49,999 .....	0.3	40.4	442	466	2,175	1.05	16.7
\$50,000 or More .....	0.4	32.0	351	406	2,651	1.16	15.1
<b>Below Poverty Line</b>							
100 Percent .....	0.6	29.3	321	364	1,113	1.13	15.4
125 Percent .....	0.8	25.3	277	320	1,091	1.16	13.9
150 Percent .....	0.9	24.7	271	320	1,120	1.18	12.8
<b>Age of Householder</b>							
Under 35 Years .....	0.6	21.0	229	270	1,269	1.18	14.4
35 to 59 Years .....	1.0	25.9	284	335	1,767	1.18	9.9
60 Years and Over .....	0.8	37.7	413	445	1,575	1.08	17.2
<b>Household Size</b>							
1 Person .....	0.4	21.2	232	291	1,059	1.25	23.9
2 to 4 Persons .....	1.6	31.6	346	381	1,694	1.10	10.6
5 or More Persons .....	0.3	21.9	240	298	1,658	1.24	19.0

See footnotes at end of table.

**Table 63. Liquefied Petroleum Gas Consumption and Expenditures in South Region Households, 1993 (Continued)**

Characteristics	Households Using LPG (million)	Average per Household				Expenditures (dollars per gallon)	RSE Row Factors
		Consumption		Expenditures (dollars)	Floorspace (square feet)		
		(million Btu)	(gallons)				
RSE Column Factor:	2.0	1.2	1.2	1.1	0.7	0.4	
<b>East South Central Division</b> .....	0.9	40.7	446	411	1,413	0.92	7.3
<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	43.9	481	448	1,470	0.93	Q
2,000 CDD or More and Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>							
Single-Family .....	0.7	44.5	487	442	1,608	0.91	10.1
Mobile Home .....	0.2	30.5	334	329	876	0.98	14.3
Multifamily (2 or more units) .....	Q	Q	Q	Q	Q	Q	NF
<b>Heated Floorspace (square feet)</b>							
Fewer than 1,000 .....	0.4	38.1	417	388	754	0.93	9.5
1,000 to 1,999 .....	0.4	40.0	438	404	1,433	0.92	9.2
2,000 or More .....	0.1	49.7	544	493	3,034	0.91	19.4
<b>Ownership of Unit</b>							
Owned .....	0.8	40.3	441	404	1,468	0.91	8.0
Rented .....	0.1	43.8	479	465	1,028	0.97	12.7
<b>Year of Construction</b>							
1939 or Before .....	0.2	51.8	567	486	1,541	0.86	18.3
1940 to 1979 .....	0.6	40.8	446	418	1,398	0.94	8.2
1980 or After <sup>2</sup> .....	0.2	31.5	344	331	1,350	0.96	9.6
<b>1993 Family Income</b>							
Less than \$10,000 .....	0.2	36.6	401	370	909	0.92	5.0
\$10,000 to \$19,999 .....	0.2	40.8	447	417	1,744	0.93	16.0
\$20,000 to \$34,999 .....	0.4	41.1	450	433	1,438	0.96	10.0
\$35,000 to \$49,999 .....	Q	Q	Q	Q	Q	Q	NF
\$50,000 or More .....	Q	Q	Q	Q	Q	Q	NF
<b>Below Poverty Line</b>							
100 Percent .....	0.3	40.2	440	419	1,032	0.95	7.3
125 Percent .....	0.4	37.3	408	390	1,019	0.95	7.0
150 Percent .....	0.4	38.2	419	395	1,058	0.94	7.2
<b>Age of Householder</b>							
Under 35 Years .....	0.2	42.3	463	447	1,072	0.97	8.0
35 to 59 Years .....	0.4	36.7	401	366	1,359	0.91	8.9
60 Years and Over .....	0.3	44.9	492	446	1,681	0.91	16.1
<b>Household Size</b>							
1 Person .....	0.2	35.9	393	349	1,461	0.89	13.8
2 to 4 Persons .....	0.6	39.8	436	417	1,422	0.96	8.8
5 or More Persons .....	0.1	52.5	575	493	1,296	0.86	19.4

<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: • Data in the West South Central Division are not presented separately due to a scarcity of data. • 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 D of the 1993 Residential Energy Consumption Survey.

**Table 64. Wood Consumption in South Region Households,  
December 1989 Through November 1993**

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:	0.7	1.0	1.0	0.7	0.7	1.2	1.5	1.5	0.9	0.9	
<b>Total Region</b> .....	7.2	0.17	8.7	24.3	1.2	1.1	0.07	3.7	64.4	3.2	12.7
South Atlantic Division .....	3.9	0.09	4.7	24.0	1.2	0.7	0.04	2.2	66.0	3.3	19.3
West South Central Division .....	1.3	0.05	2.4	37.5	1.9	0.3	0.02	1.2	76.2	3.8	17.1
West South Central Division .....	2.0	0.03	1.7	16.7	0.8	0.2	0.01	0.4	38.4	1.9	23.0
<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 .....	3.7	0.12	5.9	31.9	1.6	0.7	0.06	3.0	85.2	4.3	14.9
2,000 CDD or More and Under 4,000 HDD .....	3.5	0.06	2.9	16.3	0.8	0.4	0.01	0.7	32.1	1.6	20.8
<b>Type of Housing Unit</b>											
Single-Family .....	6.7	0.17	8.4	25.1	1.3	1.0	0.07	3.5	67.2	3.4	12.6
Mobile Home .....	0.2	0.01	0.3	23.4	1.2	Q	Q	Q	Q	Q	50.9
Multifamily (2 or more units) .....	0.3	Q	Q	5.7	0.3	Q	Q	Q	Q	Q	49.0
<b>Heated Floorspace (square feet)</b>											
Fewer than 1,000 .....	0.4	0.02	0.8	37.1	1.9	0.2	0.01	0.6	69.8	3.5	34.0
1,000 to 1,999 .....	3.6	0.09	4.3	23.7	1.2	0.7	0.04	2.1	63.8	3.2	13.9
2,000 or More .....	3.2	0.07	3.7	23.2	1.2	0.3	0.02	1.0	62.6	3.1	19.5
<b>Ownership of Unit</b>											
Owned .....	6.3	0.15	7.6	24.1	1.2	0.9	0.06	3.0	63.1	3.2	14.1
Rented .....	0.9	0.02	1.1	25.7	1.3	0.2	0.01	0.7	70.3	3.5	23.2
<b>Year of Construction</b>											
1939 or Before .....	0.5	0.02	1.0	39.3	2.0	Q	Q	Q	Q	Q	27.7
1940 to 1979 .....	3.7	0.10	5.0	27.4	1.4	0.8	0.05	2.3	59.8	3.0	14.3
1980 or After <sup>2</sup> .....	3.0	0.05	2.7	18.0	0.9	0.2	0.02	0.9	77.2	3.9	25.1
<b>1993 Family Income</b>											
Less than \$10,000 .....	0.5	0.01	0.7	31.2	1.6	0.2	0.01	0.5	62.9	3.1	26.2
\$10,000 to \$19,999 .....	1.0	0.03	1.6	32.6	1.6	0.3	0.02	0.9	65.1	3.3	23.7
\$20,000 to \$34,999 .....	1.4	0.04	2.0	29.0	1.5	0.3	0.02	0.9	66.6	3.3	27.3
\$35,000 to \$49,999 .....	1.5	0.04	2.0	25.8	1.3	0.2	0.02	0.8	68.0	3.4	28.1
\$50,000 or More .....	2.8	0.05	2.4	17.1	0.9	0.2	0.01	0.6	57.4	2.9	22.4
<b>Below Poverty Line</b>											
100 Percent .....	0.4	0.02	0.8	34.7	1.7	0.2	0.01	0.6	56.6	2.8	24.6
125 Percent .....	0.6	0.03	1.3	41.4	2.1	0.3	0.02	0.9	64.4	3.2	18.3
150 Percent .....	1.0	0.03	1.7	33.1	1.7	0.4	0.02	1.1	63.4	3.2	16.8
<b>Age of Householder</b>											
Under 35 Years .....	1.6	0.02	1.1	13.8	0.7	0.1	0.01	0.4	58.9	2.9	21.8
35 to 59 Years .....	4.1	0.09	4.6	22.7	1.1	0.7	0.04	2.2	62.1	3.1	14.5
60 Years and Over .....	1.5	0.06	3.0	39.4	2.0	0.3	0.02	1.1	72.1	3.6	19.8
<b>Household Size</b>											
1 Person .....	0.8	0.02	1.0	25.9	1.3	0.1	0.01	0.4	74.6	3.7	30.7
2 to 4 Persons .....	5.5	0.13	6.7	24.2	1.2	0.8	0.05	2.7	64.7	3.2	15.2
5 or More Persons .....	0.9	0.02	1.0	23.1	1.2	0.2	0.01	0.5	56.5	2.8	21.5

See footnotes at end of table.

**Table 64. Wood Consumption in South Region Households,  
December 1989 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:	0.7	1.0	1.0	0.7	0.7	1.2	1.5	1.5	0.9	0.9	
<b>Main Heating Fuel</b>											
Natural Gas .....	2.2	0.03	1.3	11.5	0.6	--	--	--	--	--	13.1
Electricity .....	3.2	0.05	2.6	16.1	0.8	--	--	--	--	--	20.3
Fuel Oil or Kerosene .....	0.4	0.02	0.8	40.9	2.0	--	--	--	--	--	44.2
Wood .....	1.1	0.07	3.7	64.4	3.2	1.1	0.07	3.7	64.4	3.2	16.0
Heating Stove .....	0.9	0.06	3.1	67.1	3.4	0.9	0.06	3.1	67.1	3.4	16.6
Fireplace .....	0.2	Q	Q	48.6	2.4	0.2	Q	Q	48.6	2.4	40.7
Furnace/Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
LPG .....	0.2	Q	Q	32.9	1.6	--	--	--	--	--	54.1
Other .....	Q	Q	Q	Q	Q	--	--	--	--	--	NF
<b>Secondary Heating Equipment</b>											
Used .....	0.3	0.02	1.2	76.8	3.8	0.3	0.02	1.2	80.6	4.0	25.1
<b>Amount of Wood Burned in</b>											
<b>Past 12 Months</b>											
Less than one-half Cord .....	3.3	0.01	0.6	3.4	0.2	Q	Q	Q	Q	Q	9.9
One-half to Less than 1 .....	1.3	0.02	0.8	11.6	0.6	Q	Q	Q	Q	Q	8.1
1 to Less than 2 .....	1.0	0.02	1.1	22.1	1.1	0.2	(*)	0.2	26.2	1.3	11.2
2 to 4 Cords .....	1.1	0.06	2.8	52.8	2.6	0.5	0.03	1.4	57.4	2.9	9.2
More than 4 Cords .....	0.4	0.07	3.5	160.9	8.0	0.3	0.04	2.0	150.2	7.5	17.8
<b>Purchased Firewood</b>											
Yes .....	2.6	0.07	3.4	26.3	1.3	0.5	0.03	1.4	51.4	2.6	17.6
No .....	4.6	0.11	5.3	23.2	1.2	0.6	0.05	2.3	76.4	3.8	14.7

<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.

-- = 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: • Data in the South Atlantic, East South Central, and West South Central Divisions are not presented separately due to a scarcity of data. • 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 65. Average Expenditures for Major Energy Sources in South Region 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
	1.1	0.7	1.0	0.9	1.2	1.2	
<b>South Region</b>							
<b>Total Region</b> .....	14.8	22.6	6.1	6.9	8.3	11.1	2.5
<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 .....	13.8	21.6	6.4	6.9	8.0	11.0	3.6
2,000 CDD or More and Under 4,000 HDD .....	15.9	23.5	5.8	Q	8.9	11.2	3.6
<b>Type of Housing Unit</b>							
Single-Family .....	14.3	22.5	6.1	6.9	8.1	11.0	2.5
Mobile Home .....	17.7	21.9	6.3	Q	8.6	11.7	5.3
Multifamily (2 or more units) .....	17.9	24.1	6.4	Q	Q	Q	3.0
<b>Heated Floorspace (square feet)</b>							
Fewer than 1,000 .....	15.3	23.1	6.2	6.3	8.4	11.9	3.9
1,000 to 1,999 .....	15.1	22.7	6.2	6.8	8.0	10.8	2.5
2,000 or More .....	14.0	22.1	6.0	7.3	7.9	11.2	2.7
<b>Ownership of Unit</b>							
Owned .....	14.6	22.4	6.1	7.0	8.5	10.9	2.7
Rented .....	15.4	23.4	6.2	6.5	7.9	12.4	3.0
<b>Year of Construction</b>							
1939 or Before .....	10.9	22.2	5.9	6.8	7.9	10.4	4.8
1940 to 1979 .....	14.5	22.5	6.1	6.9	8.3	11.2	2.8
1980 or After <sup>3</sup> .....	17.2	22.8	6.3	Q	8.4	11.5	2.9
<b>1993 Family Income</b>							
Less than \$10,000 .....	13.7	23.3	6.1	Q	7.8	11.4	3.3
\$10,000 to \$19,999 .....	14.1	22.5	6.2	6.3	8.2	11.5	3.3
\$20,000 to \$34,999 .....	15.1	22.3	6.1	6.8	9.2	10.9	3.9
\$35,000 to \$49,999 .....	15.2	22.5	6.0	7.3	7.8	10.7	3.8
\$50,000 or More .....	15.5	22.7	6.2	7.4	8.9	11.1	3.0
<b>Below Poverty Line</b>							
100 Percent .....	13.9	23.2	6.1	Q	7.9	11.4	3.0
125 Percent .....	14.1	23.0	6.1	6.6	8.0	11.4	2.7
150 Percent .....	14.2	22.8	6.1	6.6	7.9	11.5	2.8
<b>Age of Householder</b>							
Under 35 Years .....	15.3	22.7	6.1	6.7	8.6	11.6	3.0
35 to 59 Years .....	15.2	22.4	6.2	6.8	8.1	11.1	2.9
60 Years and Over .....	13.7	22.9	6.0	7.0	7.9	11.0	3.4
<b>Household Size</b>							
1 Person .....	14.2	23.3	6.2	7.0	7.8	11.3	3.6
2 to 4 Persons .....	15.0	22.6	6.1	6.8	8.4	11.2	2.6
5 or More Persons .....	14.8	22.2	6.1	Q	8.3	10.5	3.7

See footnotes at end of table.

**Table 65. Average Expenditures for Major Energy Sources in South Region Households, 1993 (Continued)**

(Dollars per Million Btu)

Characteristics	Major Energy Sources <sup>1</sup>	Electricity	Natural Gas	Fuel Oil	Kerosene	Liquefied Petroleum Gas	RSE Row Factors
	1.1	0.7	1.0	0.9	1.2	1.2	
<b>South Atlantic Division</b> .....	16.6	23.7	7.1	6.9	8.3	12.4	3.0
<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 .....	14.9	23.4	7.1	6.9	8.1	12.2	4.0
2,000 CDD or More and Under 4,000 HDD .....	19.7	24.1	7.3	Q	8.8	12.7	3.1
<b>Type of Housing Unit</b>							
Single-Family .....	16.0	23.6	7.2	6.9	8.1	12.1	3.1
Mobile Home .....	19.0	22.7	7.5	Q	8.6	13.7	5.6
Multifamily (2 or more units) .....	18.8	24.6	7.1	Q	Q	Q	3.1
<b>Heated Floorspace (square feet)</b>							
Fewer than 1,000 .....	17.1	24.1	7.2	6.2	8.4	14.0	3.8
1,000 to 1,999 .....	17.2	23.8	7.4	6.8	8.0	12.0	2.9
2,000 or More .....	15.3	23.2	6.8	7.3	7.9	11.9	3.3
<b>Ownership of Unit</b>							
Owned .....	16.3	23.5	7.1	7.0	8.6	12.2	3.4
Rented .....	17.2	24.3	7.2	6.5	7.9	13.4	3.3
<b>Year of Construction</b>							
1939 or Before .....	12.1	23.2	6.9	6.8	8.0	14.1	4.9
1940 to 1979 .....	15.8	23.7	7.1	6.9	8.3	12.0	3.3
1980 or After <sup>3</sup> .....	19.7	23.8	7.6	Q	8.5	12.9	3.4
<b>1993 Family Income</b>							
Less than \$10,000 .....	16.0	24.6	7.1	Q	7.8	12.5	4.1
\$10,000 to \$19,999 .....	15.9	23.6	7.2	6.2	8.2	12.8	4.5
\$20,000 to \$34,999 .....	16.7	23.7	7.1	6.9	9.4	12.5	5.0
\$35,000 to \$49,999 .....	17.3	23.5	7.4	7.3	Q	11.5	4.7
\$50,000 or More .....	16.7	23.6	7.1	7.4	8.8	12.7	3.2
<b>Below Poverty Line</b>							
100 Percent .....	16.1	24.7	7.1	Q	7.9	12.4	3.9
125 Percent .....	16.1	24.1	7.1	6.6	8.1	12.7	3.3
150 Percent .....	16.3	24.0	7.1	6.6	8.0	12.9	3.6
<b>Age of Householder</b>							
Under 35 Years .....	17.3	24.0	7.2	6.7	8.6	12.9	3.5
35 to 59 Years .....	16.8	23.5	7.2	6.8	8.1	12.9	3.2
60 Years and Over .....	15.5	24.0	7.0	7.1	7.8	11.8	4.5
<b>Household Size</b>							
1 Person .....	15.9	24.2	7.0	7.1	7.7	13.7	4.6
2 to 4 Persons .....	16.6	23.7	7.2	6.8	8.4	12.1	3.3
5 or More Persons .....	16.9	23.4	7.1	Q	8.4	13.6	4.2

See footnotes at end of table.



**Table 65. Average Expenditures for Major Energy Sources in South Region Households, 1993 (Continued)**

(Dollars per Million Btu)

Characteristics	Major Energy Sources <sup>1</sup>	Electricity	Natural Gas	Fuel Oil	Kerosene	Liquefied Petroleum Gas	RSE Row Factors
	1.1	0.7	1.0	0.9	1.2	1.2	
<b>East South Central Division</b> .....	12.6	18.3	5.7	Q	8.0	10.1	4.5
<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 .....	12.4	17.9	5.8	Q	7.9	10.2	7.1
2,000 CDD or More and Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>							
Single-Family .....	12.3	18.2	5.6	Q	7.8	9.9	5.0
Mobile Home .....	15.7	18.8	5.5	Q	Q	10.8	6.3
Multifamily (2 or more units) .....	14.3	19.3	6.2	Q	Q	Q	6.9
<b>Heated Floorspace (square feet)</b>							
Fewer than 1,000 .....	12.8	18.7	5.8	Q	8.2	10.2	6.5
1,000 to 1,999 .....	13.6	18.5	5.8	Q	7.8	10.1	5.1
2,000 or More .....	11.3	17.8	5.5	Q	Q	9.9	7.1
<b>Ownership of Unit</b>							
Owned .....	12.6	18.2	5.6	Q	8.1	10.0	4.7
Rented .....	12.8	19.1	5.7	Q	Q	10.6	5.5
<b>Year of Construction</b>							
1939 or Before .....	9.1	19.3	5.2	Q	Q	9.4	9.5
1940 to 1979 .....	13.0	18.3	5.8	Q	8.1	10.3	6.2
1980 or After <sup>3</sup> .....	14.8	18.1	6.1	Q	Q	10.5	5.3
<b>1993 Family Income</b>							
Less than \$10,000 .....	12.1	19.7	5.8	Q	7.9	10.1	5.6
\$10,000 to \$19,999 .....	12.2	18.6	5.7	Q	Q	10.2	5.3
\$20,000 to \$34,999 .....	13.4	18.2	5.5	Q	Q	10.5	5.2
\$35,000 to \$49,999 .....	12.4	17.6	5.6	Q	Q	Q	7.6
\$50,000 or More .....	12.7	18.0	5.7	Q	Q	Q	7.3
<b>Below Poverty Line</b>							
100 Percent .....	12.2	19.4	5.5	Q	7.8	10.4	5.5
125 Percent .....	12.4	19.3	5.6	Q	7.8	10.5	8.1
150 Percent .....	12.4	19.2	5.7	Q	7.8	10.3	7.3
<b>Age of Householder</b>							
Under 35 Years .....	14.0	18.2	6.0	Q	Q	10.6	4.0
35 to 59 Years .....	13.0	18.3	5.7	Q	7.8	10.0	4.4
60 Years and Over .....	11.3	18.5	5.5	Q	Q	9.9	7.6
<b>Household Size</b>							
1 Person .....	11.7	19.4	5.8	Q	Q	9.7	7.7
2 to 4 Persons .....	13.0	18.2	5.6	Q	8.0	10.5	3.8
5 or More Persons .....	12.2	17.9	5.6	Q	Q	9.4	7.7

See footnotes at end of table.

**Table 65. Average Expenditures for Major Energy Sources in South Region Households, 1993 (Continued)**

(Dollars per Million Btu)

Characteristics	Major Energy Sources <sup>1</sup>	Electricity	Natural Gas	Fuel Oil	Kerosene	Liquefied Petroleum Gas	RSE Row Factors
	1.1	0.7	1.0	0.9	1.2	1.2	
<b>West South Central Division</b> .....	13.8	23.6	5.5	Q	Q	9.3	4.4
<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 2,000 CDD or More and Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	NF
Under 4,000 HDD .....	14.2	23.6	5.6	Q	Q	9.4	5.3
<b>Type of Housing Unit</b>							
Single-Family .....	13.3	23.5	5.5	Q	Q	9.4	4.6
Mobile Home .....	17.2	24.1	6.1	Q	Q	Q	11.2
Multifamily (2 or more units) .....	17.4	24.8	5.3	Q	Q	Q	5.7
<b>Heated Floorspace (square feet)</b>							
Fewer than 1,000 .....	14.4	24.4	5.7	Q	Q	9.9	6.9
1,000 to 1,999 .....	13.5	23.7	5.5	Q	Q	8.8	5.4
2,000 or More .....	13.9	23.0	5.4	Q	Q	Q	3.9
<b>Ownership of Unit</b>							
Owned .....	13.7	23.5	5.5	Q	Q	9.2	4.5
Rented .....	14.0	24.0	5.6	Q	Q	Q	5.0
<b>Year of Construction</b>							
1939 or Before .....	10.9	23.2	5.5	Q	Q	Q	6.7
1940 to 1979 .....	13.5	23.6	5.5	Q	Q	10.1	5.3
1980 or After <sup>3</sup> .....	15.2	23.8	5.6	Q	Q	Q	3.4
<b>1993 Family Income</b>							
Less than \$10,000 .....	12.1	23.9	5.6	Q	Q	Q	5.3
\$10,000 to \$19,999 .....	13.1	23.4	5.6	Q	Q	10.1	6.4
\$20,000 to \$34,999 .....	14.0	23.7	5.5	Q	Q	9.3	5.5
\$35,000 to \$49,999 .....	14.1	23.6	5.4	Q	Q	Q	5.7
\$50,000 or More .....	14.8	23.6	5.5	Q	Q	Q	3.9
<b>Below Poverty Line</b>							
100 Percent .....	12.5	23.8	5.7	Q	Q	Q	4.5
125 Percent .....	12.7	24.0	5.7	Q	Q	9.8	5.6
150 Percent .....	12.7	23.6	5.7	Q	Q	9.8	4.7
<b>Age of Householder</b>							
Under 35 Years .....	13.8	23.6	5.5	Q	Q	Q	5.6
35 to 59 Years .....	14.3	23.4	5.5	Q	Q	9.2	4.9
60 Years and Over .....	12.8	24.3	5.6	Q	Q	9.3	5.1
<b>Household Size</b>							
1 Person .....	13.6	24.1	5.6	Q	Q	Q	6.3
2 to 4 Persons .....	13.8	23.6	5.5	Q	Q	9.5	4.6
5 or More Persons .....	13.8	23.1	5.6	Q	Q	Q	3.7

<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 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 66. Total Consumption and Expenditures by End Uses in South Region 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)	
	1.2 <sup>1</sup>	1.0 <sup>1</sup>	1.1 <sup>1</sup>	1.2 <sup>1</sup>	1.2 <sup>1</sup>	0.9 <sup>1</sup>	0.8 <sup>1</sup>	0.9 <sup>1</sup>	0.9 <sup>1</sup>	0.9 <sup>1</sup>	

**South Region**

<b>Total Region</b> .....	1,207.7	11.09	308.2	7.11	512.6	5.89	189.5	4.38	727.5	15.19	2.8
<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	NF
Under 5,500 HDD .....	718.0	6.53	115.3	2.55	246.7	2.96	82.6	1.83	321.7	6.57	10.2
2,000 CDD or More and Under 4,000 HDD .....	489.8	4.57	193.0	4.56	265.9	2.93	107.0	2.55	405.9	8.62	8.7
<b>Type of Housing Unit</b>											
Single-Family .....	1,066.5	9.33	250.3	5.75	419.8	4.50	150.0	3.43	610.9	12.65	3.6
Mobile Home .....	62.7	0.75	25.1	0.57	27.4	0.52	12.1	0.27	52.2	1.08	13.6
Multifamily (2 or more units) .....	78.5	1.02	32.8	0.80	65.3	0.87	27.5	0.67	64.4	1.46	12.6
<b>Heated Floorspace (square feet)</b>											
Fewer than 1,000 .....	248.2	2.43	55.4	1.31	124.7	1.56	48.1	1.14	146.1	3.08	6.4
1,000 to 1,999 .....	555.2	5.19	152.2	3.55	254.4	2.91	89.2	2.07	360.5	7.62	4.5
2,000 or More .....	404.3	3.47	100.7	2.26	133.6	1.42	52.2	1.16	220.9	4.49	6.6
<b>Ownership of Unit</b>											
Owned .....	955.3	8.57	243.0	5.55	361.0	4.09	139.7	3.18	570.5	11.83	3.7
Rented .....	252.4	2.53	65.3	1.56	151.7	1.80	49.9	1.19	157.0	3.36	6.4
<b>Year of Construction</b>											
1939 or Before .....	219.4	1.50	19.0	0.41	62.7	0.55	19.3	0.44	71.2	1.37	11.0
1940 to 1979 .....	713.5	6.37	166.8	3.85	287.7	3.19	109.5	2.52	404.7	8.44	4.1
1980 or After <sup>3</sup> .....	274.8	3.22	122.4	2.85	162.2	2.16	60.8	1.42	251.6	5.39	6.0
<b>1993 Family Income</b>											
Less than \$10,000 .....	200.0	1.74	29.4	0.69	74.9	0.82	29.8	0.71	86.4	1.81	8.7
\$10,000 to \$19,999 .....	237.9	2.04	46.0	1.07	98.4	1.15	35.8	0.83	131.3	2.69	7.2
\$20,000 to \$34,999 .....	287.1	2.72	73.8	1.70	116.8	1.43	45.1	1.02	175.6	3.64	5.6
\$35,000 to \$49,999 .....	208.9	1.94	66.9	1.54	97.4	1.09	34.3	0.79	142.9	3.00	7.5
\$50,000 or More .....	273.9	2.65	92.1	2.11	125.0	1.40	44.5	1.02	191.4	4.05	8.2
<b>Below Poverty Line</b>											
100 Percent .....	187.2	1.63	28.9	0.68	86.8	0.94	28.8	0.69	98.7	2.03	7.1
125 Percent .....	248.3	2.19	39.4	0.93	110.4	1.25	37.7	0.89	134.6	2.76	6.4
150 Percent .....	318.2	2.81	56.3	1.31	140.9	1.62	49.3	1.16	173.7	3.57	6.2
<b>Age of Householder</b>											
Under 35 Years .....	256.1	2.51	73.3	1.72	143.0	1.69	42.8	1.00	169.5	3.56	6.5
35 to 59 Years .....	537.7	5.11	167.5	3.82	262.0	3.05	89.6	2.05	376.1	7.81	4.3
60 Years and Over .....	413.9	3.47	67.4	1.58	107.7	1.15	57.1	1.33	181.9	3.82	6.2
<b>Household Size</b>											
1 Person .....	258.5	2.35	46.9	1.11	69.4	0.77	39.2	0.93	98.2	2.12	5.5
2 to 4 Persons .....	810.5	7.48	221.9	5.11	358.4	4.18	129.1	2.97	513.1	10.74	3.5
5 or More Persons .....	138.8	1.25	39.4	0.89	84.9	0.95	21.2	0.48	116.2	2.34	9.8

See footnotes at end of table.

**Table 66. Total Consumption and Expenditures by End Uses in South Region Households, 1993 (Continued)**

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)	
	1.2 <sup>1</sup>	1.0 <sup>1</sup>	1.1 <sup>1</sup>	1.2 <sup>1</sup>	1.2 <sup>1</sup>	0.9 <sup>1</sup>	0.8 <sup>1</sup>	0.9 <sup>1</sup>	0.9 <sup>1</sup>	0.9 <sup>1</sup>	
<b>South Atlantic Division</b> .....	558.1	5.83	143.8	3.46	218.0	3.20	90.3	2.18	341.4	7.71	4.0
<b>Climate Zone<sup>2</sup></b>											
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	428.4	4.20	67.7	1.63	147.9	1.97	48.4	1.16	192.5	4.24	4.8
2,000 CDD or More and Under 4,000 HDD .....	129.7	1.63	76.1	1.82	70.1	1.24	41.9	1.02	148.9	3.47	6.8
<b>Type of Housing Unit</b>											
Single-Family .....	479.3	4.78	112.5	2.69	166.6	2.35	66.9	1.60	272.0	6.14	4.9
Mobile Home .....	32.1	0.41	11.5	0.27	13.5	0.30	6.5	0.15	27.6	0.60	20.7
Multifamily (2 or more units) .....	46.7	0.63	19.9	0.50	37.8	0.56	17.0	0.42	41.8	0.97	16.7
<b>Heated Floorspace (square feet)</b>											
Fewer than 1,000 .....	113.5	1.25	25.3	0.63	55.8	0.87	23.7	0.59	71.6	1.62	8.4
1,000 to 1,999 .....	240.8	2.63	70.4	1.71	99.9	1.52	41.2	1.00	162.1	3.72	6.9
2,000 or More .....	203.8	1.95	48.1	1.12	62.3	0.80	25.5	0.59	107.7	2.37	10.6
<b>Ownership of Unit</b>											
Owned .....	431.2	4.40	110.2	2.63	147.1	2.13	63.8	1.52	259.2	5.84	5.3
Rented .....	126.9	1.42	33.6	0.83	70.9	1.08	26.5	0.66	82.2	1.87	8.3
<b>Year of Construction</b>											
1939 or Before .....	87.5	0.67	6.9	0.15	26.5	0.29	7.6	0.18	30.0	0.62	20.4
1940 to 1979 .....	348.8	3.39	77.2	1.86	118.5	1.68	52.0	1.25	187.3	4.23	6.3
1980 or After <sup>3</sup> .....	121.8	1.77	59.6	1.44	73.0	1.23	30.8	0.74	124.1	2.86	9.3
<b>1993 Family Income</b>											
Less than \$10,000 .....	81.2	0.87	12.8	0.32	32.5	0.46	13.4	0.34	36.8	0.84	13.2
\$10,000 to \$19,999 .....	107.9	1.02	20.4	0.50	40.1	0.62	17.0	0.41	60.4	1.34	8.3
\$20,000 to \$34,999 .....	131.2	1.37	32.9	0.80	47.0	0.72	21.6	0.51	77.9	1.78	9.2
\$35,000 to \$49,999 .....	89.1	0.97	30.3	0.72	38.5	0.57	16.1	0.38	66.2	1.50	11.6
\$50,000 or More .....	148.7	1.60	47.5	1.12	59.9	0.83	22.3	0.53	100.1	2.25	10.1
<b>Below Poverty Line</b>											
100 Percent .....	76.1	0.78	12.3	0.31	34.0	0.49	12.1	0.31	39.0	0.90	10.2
125 Percent .....	103.0	1.07	16.5	0.41	43.4	0.65	16.5	0.41	55.3	1.25	8.4
150 Percent .....	134.4	1.40	25.4	0.62	57.1	0.87	22.9	0.56	75.3	1.70	8.0
<b>Age of Householder</b>											
Under 35 Years .....	110.1	1.28	31.4	0.77	60.7	0.90	19.2	0.47	76.1	1.72	9.5
35 to 59 Years .....	256.3	2.71	80.6	1.91	112.5	1.66	42.8	1.02	179.3	4.01	6.3
60 Years and Over .....	191.8	1.84	31.8	0.78	44.7	0.64	28.4	0.69	86.1	1.98	8.3
<b>Household Size</b>											
1 Person .....	113.1	1.18	21.1	0.52	28.4	0.40	18.8	0.46	43.7	1.02	7.6
2 to 4 Persons .....	386.4	4.03	106.0	2.54	156.8	2.31	62.8	1.51	249.6	5.61	4.5
5 or More Persons .....	58.6	0.62	16.7	0.39	32.7	0.50	8.8	0.21	48.2	1.08	16.5

See footnotes at end of table.

**Table 66. Total Consumption and Expenditures by End Uses in South Region Households, 1993 (Continued)**

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)	
	1.2 <sup>1</sup>	1.0 <sup>1</sup>	1.1 <sup>1</sup>	1.2 <sup>1</sup>	1.2 <sup>1</sup>	0.9 <sup>1</sup>	0.8 <sup>1</sup>	0.9 <sup>1</sup>	0.9 <sup>1</sup>	0.9 <sup>1</sup>	
<b>East South Central Division</b> .....	254.3	2.19	52.4	0.97	91.4	1.01	35.1	0.66	136.6	2.38	5.0
<b>Climate Zone<sup>2</sup></b>											
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	215.3	1.85	38.1	0.69	70.1	0.79	27.8	0.51	103.9	1.79	24.4
2,000 CDD or More and Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>											
Single-Family .....	227.1	1.88	43.5	0.80	77.3	0.80	29.1	0.54	117.0	2.03	5.1
Mobile Home .....	17.1	0.20	6.4	0.12	7.2	0.12	3.3	0.06	13.0	0.23	14.5
Multifamily (2 or more units) .....	10.1	0.11	2.6	0.05	6.9	0.08	2.7	0.05	6.7	0.12	27.2
<b>Heated Floorspace (square feet)</b>											
Fewer than 1,000 .....	61.6	0.56	9.4	0.18	21.7	0.26	8.8	0.17	28.6	0.50	12.2
1,000 to 1,999 .....	100.0	0.94	25.5	0.48	42.4	0.49	15.6	0.29	64.1	1.15	6.3
2,000 or More .....	92.7	0.69	17.6	0.32	27.2	0.25	10.7	0.19	43.9	0.72	8.4
<b>Ownership of Unit</b>											
Owned .....	212.6	1.82	44.9	0.83	70.9	0.78	28.6	0.53	115.1	1.99	5.2
Rented .....	41.7	0.37	7.5	0.14	20.5	0.22	6.5	0.13	21.6	0.38	10.4
<b>Year of Construction</b>											
1939 or Before .....	67.7	0.42	4.2	0.08	16.0	0.12	5.0	0.10	18.1	0.29	16.9
1940 to 1979 .....	142.6	1.26	31.2	0.58	50.2	0.56	20.8	0.39	80.3	1.43	5.4
1980 or After <sup>3</sup> .....	44.0	0.51	17.1	0.31	25.2	0.33	9.3	0.17	38.2	0.66	8.1
<b>1993 Family Income</b>											
Less than \$10,000 .....	51.1	0.42	5.8	0.12	13.5	0.15	6.0	0.12	19.3	0.36	16.3
\$10,000 to \$19,999 .....	53.1	0.43	7.7	0.15	15.9	0.18	6.7	0.13	24.4	0.43	13.5
\$20,000 to \$34,999 .....	67.5	0.63	15.3	0.28	24.9	0.31	9.6	0.18	39.2	0.69	6.5
\$35,000 to \$49,999 .....	41.5	0.34	10.8	0.19	16.7	0.17	6.1	0.11	24.4	0.41	14.9
\$50,000 or More .....	41.1	0.36	12.8	0.23	20.4	0.20	6.6	0.12	29.2	0.49	15.7
<b>Below Poverty Line</b>											
100 Percent .....	48.7	0.40	6.2	0.12	16.7	0.18	6.4	0.13	22.5	0.40	7.5
125 Percent .....	63.3	0.53	8.1	0.16	20.7	0.23	8.0	0.16	29.5	0.53	8.9
150 Percent .....	80.1	0.66	10.7	0.21	25.7	0.29	10.1	0.20	37.2	0.67	8.5
<b>Age of Householder</b>											
Under 35 Years .....	47.6	0.48	12.0	0.22	21.8	0.29	7.4	0.14	30.8	0.54	10.6
35 to 59 Years .....	103.3	0.90	27.9	0.52	49.0	0.52	16.4	0.31	68.4	1.20	8.4
60 Years and Over .....	103.4	0.80	12.5	0.23	20.5	0.21	11.3	0.21	37.4	0.64	11.1
<b>Household Size</b>											
1 Person .....	63.5	0.51	7.8	0.15	12.4	0.12	7.1	0.14	19.0	0.35	12.4
2 to 4 Persons .....	157.7	1.42	37.0	0.68	62.7	0.72	23.4	0.43	93.5	1.62	6.3
5 or More Persons .....	33.1	0.25	7.5	0.14	16.3	0.17	4.6	0.08	24.1	0.40	23.7

See footnotes at end of table.

**Table 66. Total Consumption and Expenditures by End Uses in South Region Households, 1993 (Continued)**

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)	
	1.2 <sup>1</sup>	1.0 <sup>1</sup>	1.1 <sup>1</sup>	1.2 <sup>1</sup>	1.2 <sup>1</sup>	0.9 <sup>1</sup>	0.8 <sup>1</sup>	0.9 <sup>1</sup>	0.9 <sup>1</sup>	0.9 <sup>1</sup>	
<b>West South Central Division</b> .....	395.3	3.08	112.0	2.69	203.3	1.68	64.1	1.54	249.5	5.10	5.3
<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	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 .....	321.0	2.60	102.6	2.46	174.6	1.48	57.7	1.38	224.2	4.56	11.2
<b>Type of Housing Unit</b>											
Single-Family .....	360.1	2.66	94.4	2.25	175.9	1.35	54.0	1.29	221.8	4.49	6.8
Mobile Home .....	13.5	0.13	7.3	0.18	6.7	0.10	2.3	0.06	11.7	0.25	31.9
Multifamily (2 or more units) .....	21.7	0.28	10.4	0.26	20.7	0.23	7.8	0.19	15.9	0.37	18.3
<b>Heated Floorspace (square feet)</b>											
Fewer than 1,000 .....	73.1	0.63	20.7	0.51	47.2	0.43	15.6	0.38	45.9	0.97	11.9
1,000 to 1,999 .....	214.4	1.62	56.2	1.36	112.1	0.89	32.5	0.78	134.2	2.74	7.7
2,000 or More .....	107.9	0.83	35.1	0.82	44.0	0.36	16.1	0.38	69.3	1.40	12.4
<b>Ownership of Unit</b>											
Owned .....	311.6	2.35	87.9	2.10	143.0	1.18	47.2	1.13	196.2	4.00	7.2
Rented .....	83.8	0.73	24.2	0.59	60.3	0.51	16.9	0.41	53.2	1.10	11.8
<b>Year of Construction</b>											
1939 or Before .....	64.2	0.41	7.9	0.18	20.3	0.14	6.7	0.16	23.1	0.45	12.6
1940 to 1979 .....	222.2	1.73	58.5	1.41	119.1	0.95	36.6	0.88	137.1	2.78	7.2
1980 or After <sup>3</sup> .....	108.9	0.94	45.7	1.10	63.9	0.60	20.8	0.50	89.3	1.87	9.7
<b>1993 Family Income</b>											
Less than \$10,000 .....	67.6	0.46	10.8	0.26	29.0	0.21	10.4	0.25	30.3	0.61	12.7
\$10,000 to \$19,999 .....	76.9	0.58	17.9	0.43	42.4	0.35	12.1	0.29	46.4	0.92	15.0
\$20,000 to \$34,999 .....	88.4	0.71	25.7	0.62	44.9	0.39	13.9	0.33	58.4	1.17	9.0
\$35,000 to \$49,999 .....	78.4	0.63	25.8	0.62	42.2	0.35	12.1	0.29	52.3	1.08	12.3
\$50,000 or More .....	84.1	0.69	31.8	0.76	44.7	0.38	15.6	0.37	62.0	1.32	17.9
<b>Below Poverty Line</b>											
100 Percent .....	62.4	0.45	10.4	0.25	36.1	0.27	10.3	0.25	37.2	0.73	13.3
125 Percent .....	82.0	0.59	14.8	0.36	46.2	0.36	13.2	0.32	49.7	0.98	13.0
150 Percent .....	103.7	0.75	20.2	0.49	58.1	0.46	16.3	0.40	61.1	1.20	11.9
<b>Age of Householder</b>											
Under 35 Years .....	98.4	0.75	29.9	0.73	60.4	0.51	16.3	0.39	62.6	1.30	11.3
35 to 59 Years .....	178.1	1.50	59.1	1.40	100.4	0.87	30.5	0.73	128.5	2.60	6.8
60 Years and Over .....	118.8	0.83	23.0	0.56	42.5	0.30	17.4	0.43	58.4	1.20	12.2
<b>Household Size</b>											
1 Person .....	81.9	0.66	18.0	0.44	28.6	0.24	13.4	0.33	35.5	0.75	9.2
2 to 4 Persons .....	266.3	2.03	78.8	1.89	138.8	1.15	42.9	1.03	170.1	3.51	7.2
5 or More Persons .....	47.1	0.38	15.2	0.36	35.8	0.29	7.8	0.19	43.9	0.85	11.9

<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.

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 67. Consumption by End Uses, per South Region 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	1.5 <sup>1</sup>	1.2	0.9 <sup>1</sup>	1.1	1.2 <sup>1</sup>	1.0	0.7 <sup>1</sup>	1.0	0.7 <sup>1</sup>	

**South Region**

<b>Total Region</b> .....	33.5	88.1	32.8	36.8	29.4	10.5	33.2	15.5	33.4	5.7	33.5	21.7	2.6
<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	Q	Q	NF
Under 5,500 HDD .....	15.6	94.9	15.3	46.9	13.4	8.6	15.5	15.9	15.6	5.3	15.6	20.6	5.6
2,000 CDD or More and Under 4,000 HDD .....	17.8	82.1	17.5	28.0	16.1	12.0	17.7	15.1	17.8	6.0	17.8	22.8	5.5
<b>Type of Housing Unit</b>													
Single-Family .....	24.8	100.8	24.4	43.7	22.0	11.4	24.6	17.1	24.7	6.1	24.8	24.6	2.6
Mobile Home .....	2.6	68.9	2.5	25.3	2.0	12.4	2.6	10.7	2.6	4.6	2.6	20.0	8.2
Multifamily (2 or more units) .....	6.1	44.3	5.9	13.2	5.4	6.1	6.0	10.9	6.0	4.5	6.1	10.6	7.5
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	10.3	60.4	10.0	24.8	8.3	6.7	10.1	12.3	10.3	4.7	10.3	14.2	4.3
1,000 to 1,999 .....	15.8	89.1	15.6	35.7	14.3	10.7	15.7	16.2	15.8	5.6	15.8	22.7	3.1
2,000 or More .....	7.3	125.0	7.2	55.8	6.8	14.7	7.3	18.3	7.3	7.2	7.3	30.3	4.3
<b>Ownership of Unit</b>													
Owned .....	22.8	99.4	22.5	42.5	20.6	11.8	22.7	15.9	22.8	6.1	22.8	25.0	2.5
Rented .....	10.6	63.7	10.3	24.4	8.9	7.4	10.4	14.5	10.6	4.7	10.6	14.8	4.2
<b>Year of Construction</b>													
1939 or Before .....	3.5	112.4	3.4	65.3	2.4	7.8	3.4	18.6	3.5	5.6	3.5	20.4	7.7
1940 to 1979 .....	18.6	90.2	18.3	39.1	16.3	10.2	18.5	15.6	18.6	5.9	18.6	21.7	3.0
1980 or After <sup>3</sup> .....	11.3	77.0	11.2	24.5	10.7	11.4	11.3	14.3	11.3	5.4	11.3	22.2	4.6
<b>1993 Family Income</b>													
Less than \$10,000 .....	6.0	70.0	5.8	34.6	4.6	6.3	5.8	12.9	6.0	5.0	6.0	14.4	6.2
\$10,000 to \$19,999 .....	7.0	78.9	6.8	34.8	5.8	8.0	6.9	14.2	7.0	5.1	7.0	18.8	5.0
\$20,000 to \$34,999 .....	8.0	87.6	7.8	36.6	7.1	10.3	7.9	14.7	7.9	5.7	8.0	22.0	4.3
\$35,000 to \$49,999 .....	5.8	95.0	5.7	36.8	5.5	12.2	5.8	16.8	5.8	5.9	5.8	24.7	4.9
\$50,000 or More .....	6.7	108.3	6.7	40.9	6.4	14.3	6.7	18.7	6.7	6.6	6.7	28.5	5.2
<b>Below Poverty Line</b>													
100 Percent .....	5.9	73.4	5.7	33.1	4.4	6.6	5.6	15.4	5.9	4.9	5.9	16.8	5.8
125 Percent .....	7.6	74.8	7.4	33.8	5.8	6.8	7.4	14.9	7.6	5.0	7.6	17.7	4.9
150 Percent .....	9.7	76.1	9.4	33.8	7.7	7.3	9.5	14.9	9.7	5.1	9.7	17.9	4.6
<b>Age of Householder</b>													
Under 35 Years .....	8.9	76.7	8.8	29.1	7.8	9.4	8.9	16.1	8.9	4.8	8.9	19.0	4.6
35 to 59 Years .....	15.1	95.0	14.8	36.3	13.6	12.3	15.0	17.4	15.0	6.0	15.1	24.9	3.1
60 Years and Over .....	9.4	87.7	9.2	44.8	8.1	8.4	9.2	11.7	9.4	6.0	9.4	19.3	4.2
<b>Household Size</b>													
1 Person .....	8.0	64.4	7.7	33.4	6.7	7.0	7.7	9.0	7.9	5.0	8.0	12.4	4.2
2 to 4 Persons .....	22.0	92.5	21.7	37.4	19.7	11.3	21.9	16.4	22.0	5.9	22.0	23.3	2.3
5 or More Persons .....	3.5	113.8	3.4	41.0	3.0	13.1	3.5	24.3	3.5	6.1	3.5	33.0	6.5

See footnotes at end of table.

**Table 67. Consumption by End Uses, per South Region Households, 1993 (Continued)**

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	1.5 <sup>1</sup>	1.2	0.9 <sup>1</sup>	1.1	1.2 <sup>1</sup>	1.0	0.7 <sup>1</sup>	1.0	0.7 <sup>1</sup>	
<b>South Atlantic Division</b> .....	17.3	78.0	16.8	33.1	15.0	9.6	17.1	12.7	17.3	5.2	17.3	19.7	3.5
<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 .....	9.8	90.3	9.6	44.7	8.3	8.2	9.7	15.3	9.8	5.0	9.8	19.6	3.1
2,000 CDD or More and Under 4,000 HDD .....	7.5	62.0	7.3	17.8	6.7	11.4	7.4	9.4	7.5	5.6	7.5	19.8	3.8
<b>Type of Housing Unit</b>													
Single-Family .....	12.1	90.3	11.9	40.4	10.7	10.5	12.0	13.9	12.1	5.5	12.1	22.4	3.9
Mobile Home .....	1.4	63.2	1.3	24.1	1.0	11.2	1.4	9.4	1.4	4.5	1.4	19.1	13.0
Multifamily (2 or more units) .....	3.7	43.7	3.6	12.8	3.3	6.1	3.7	10.3	3.7	4.6	3.7	11.2	10.3
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	5.4	53.3	5.2	21.9	4.3	5.9	5.3	10.5	5.4	4.4	5.4	13.2	5.8
1,000 to 1,999 .....	7.9	77.3	7.8	31.0	7.1	9.9	7.9	12.7	7.9	5.2	7.9	20.4	4.5
2,000 or More .....	3.9	113.6	3.9	52.1	3.6	13.4	3.9	15.8	3.9	6.5	3.9	27.3	6.3
<b>Ownership of Unit</b>													
Owned .....	11.4	88.5	11.2	38.6	10.1	10.9	11.4	13.0	11.4	5.6	11.4	22.7	3.3
Rented .....	5.9	57.7	5.7	22.3	4.9	6.9	5.8	12.3	5.8	4.5	5.9	13.9	5.4
<b>Year of Construction</b>													
1939 or Before .....	1.5	106.9	1.4	62.3	0.9	7.7	1.4	18.5	1.5	5.2	1.5	20.2	13.0
1940 to 1979 .....	9.4	83.4	9.1	38.4	8.0	9.7	9.3	12.8	9.4	5.6	9.4	19.9	4.6
1980 or After <sup>3</sup> .....	6.4	63.6	6.4	19.2	6.1	9.8	6.4	11.4	6.4	4.8	6.4	19.3	6.9
<b>1993 Family Income</b>													
Less than \$10,000 .....	2.9	60.0	2.8	29.2	2.3	5.6	2.8	11.5	2.9	4.6	2.9	12.5	10.0
\$10,000 to \$19,999 .....	3.5	69.5	3.5	31.2	2.8	7.3	3.5	11.4	3.5	4.8	3.5	17.1	6.3
\$20,000 to \$34,999 .....	4.0	77.8	3.9	33.9	3.5	9.5	4.0	11.8	4.0	5.4	4.0	19.5	6.8
\$35,000 to \$49,999 .....	3.0	80.1	2.9	30.9	2.8	10.8	3.0	12.8	3.0	5.4	3.0	22.1	6.8
\$50,000 or More .....	3.9	98.2	3.8	38.6	3.6	13.2	3.8	15.7	3.9	5.8	3.9	26.0	6.2
<b>Below Poverty Line</b>													
100 Percent .....	2.8	61.6	2.7	28.7	2.1	5.8	2.7	12.7	2.8	4.3	2.8	13.9	9.2
125 Percent .....	3.7	63.9	3.5	29.5	2.8	6.0	3.5	12.3	3.7	4.5	3.7	15.1	7.1
150 Percent .....	4.8	65.7	4.6	29.2	3.8	6.7	4.7	12.2	4.8	4.8	4.8	15.7	6.6
<b>Age of Householder</b>													
Under 35 Years .....	4.4	66.9	4.3	25.5	3.8	8.3	4.4	13.7	4.4	4.3	4.4	17.1	7.0
35 to 59 Years .....	7.9	85.2	7.7	33.5	7.0	11.5	7.8	14.4	7.8	5.5	7.9	22.8	4.1
60 Years and Over .....	5.0	76.6	4.9	39.3	4.2	7.6	4.9	9.2	5.0	5.7	5.0	17.2	5.9
<b>Household Size</b>													
1 Person .....	4.0	55.9	3.9	28.9	3.3	6.3	3.9	7.3	4.0	4.7	4.0	10.9	6.3
2 to 4 Persons .....	11.6	82.7	11.4	34.0	10.2	10.3	11.6	13.6	11.6	5.4	11.6	21.5	3.1
5 or More Persons .....	1.7	98.5	1.6	37.3	1.4	12.0	1.7	19.7	1.6	5.3	1.7	28.8	11.0

See footnotes at end of table.



**Table 67. Consumption by End Uses, per South Region Households, 1993 (Continued)**

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	1.5 <sup>1</sup>	1.2	0.9 <sup>1</sup>	1.1	1.2 <sup>1</sup>	1.0	0.7 <sup>1</sup>	1.0	0.7 <sup>1</sup>	
<b>East South Central Division</b>	6.0	94.9	5.9	43.3	5.3	10.0	5.9	15.4	6.0	5.8	6.0	22.8	3.7
<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 .....	4.7	97.5	4.6	47.3	4.1	9.4	4.6	15.1	4.7	5.9	4.7	22.3	11.0
2,000 CDD or More and Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>													
Single-Family .....	4.7	105.6	4.6	49.4	4.2	10.4	4.6	16.7	4.7	6.2	4.7	25.0	3.0
Mobile Home .....	0.7	68.6	0.7	25.5	0.6	11.5	0.7	11.0	0.7	4.8	0.7	18.9	9.3
Multifamily (2 or more units) .....	0.6	45.2	0.6	16.8	0.5	4.9	0.6	10.8	0.6	4.2	0.6	10.4	15.0
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	1.8	71.1	1.8	34.2	1.4	6.6	1.8	12.3	1.8	4.8	1.8	15.6	8.8
1,000 to 1,999 .....	2.7	91.6	2.6	38.2	2.5	10.4	2.7	15.7	2.7	5.8	2.7	23.7	6.3
2,000 or More .....	1.5	130.8	1.5	63.8	1.4	12.7	1.5	18.6	1.5	7.3	1.5	29.9	5.4
<b>Ownership of Unit</b>													
Owned .....	4.6	102.9	4.5	47.1	4.2	10.8	4.5	15.6	4.6	6.2	4.6	25.1	3.4
Rented .....	1.4	69.2	1.4	30.7	1.1	6.8	1.4	14.7	1.4	4.6	1.4	15.3	7.5
<b>Year of Construction</b>													
1939 or Before .....	0.9	129.6	0.8	83.6	0.6	6.5	0.8	19.4	0.9	5.8	0.9	21.2	15.0
1940 to 1979 .....	3.5	92.8	3.5	41.2	3.1	9.9	3.5	14.5	3.5	5.9	3.5	22.9	3.3
1980 or After <sup>3</sup> .....	1.6	81.4	1.6	27.5	1.5	11.5	1.6	15.3	1.6	5.6	1.6	23.2	8.8
<b>1993 Family Income</b>													
Less than \$10,000 .....	1.2	76.7	1.2	43.0	0.9	6.7	1.2	11.3	1.2	4.8	1.2	15.5	10.3
\$10,000 to \$19,999 .....	1.2	91.5	1.1	46.5	1.0	7.6	1.2	13.6	1.2	5.7	1.2	20.7	8.7
\$20,000 to \$34,999 .....	1.7	92.3	1.7	40.1	1.5	9.9	1.7	14.8	1.7	5.7	1.7	23.1	4.6
\$35,000 to \$49,999 .....	0.9	108.2	0.9	45.3	0.9	12.4	0.9	18.2	0.9	6.7	0.9	26.5	11.0
\$50,000 or More .....	1.0	114.8	0.9	43.6	1.0	13.3	1.0	21.2	1.0	6.9	1.0	30.5	8.0
<b>Below Poverty Line</b>													
100 Percent .....	1.2	83.6	1.2	42.1	0.8	7.6	1.2	14.5	1.2	5.3	1.2	18.7	9.8
125 Percent .....	1.6	82.4	1.5	42.2	1.1	7.1	1.5	13.7	1.6	5.1	1.6	18.8	8.8
150 Percent .....	1.9	86.3	1.8	43.9	1.4	7.4	1.8	14.0	1.9	5.3	1.9	19.6	8.4
<b>Age of Householder</b>													
Under 35 Years .....	1.5	81.3	1.5	32.4	1.2	10.0	1.5	14.9	1.5	5.0	1.5	20.9	6.8
35 to 59 Years .....	2.6	101.1	2.6	40.1	2.4	11.7	2.6	18.8	2.6	6.2	2.6	26.1	5.0
60 Years and Over .....	1.9	97.0	1.8	56.7	1.7	7.5	1.9	11.0	1.9	5.9	1.9	19.6	7.5
<b>Household Size</b>													
1 Person .....	1.4	75.7	1.4	46.5	1.2	6.6	1.4	8.8	1.4	4.9	1.4	13.1	8.6
2 to 4 Persons .....	3.9	95.8	3.9	40.7	3.5	10.6	3.9	16.1	3.9	6.0	3.9	23.9	5.2
5 or More Persons .....	0.6	132.8	0.6	52.3	0.6	13.3	0.6	25.6	0.6	7.1	0.6	37.4	14.6

See footnotes at end of table.

**Table 67. Consumption by End Uses, per South Region Households, 1993 (Continued)**

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	1.5 <sup>1</sup>	1.2	0.9 <sup>1</sup>	1.1	1.2 <sup>1</sup>	1.0	0.7 <sup>1</sup>	1.0	0.7 <sup>1</sup>	
<b>West South Central Division</b>	10.1	101.1	10.1	39.1	9.2	12.1	10.1	20.1	10.1	6.3	10.1	24.6	5.1
<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	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 .....	8.9	98.4	8.9	35.9	8.2	12.5	8.9	19.6	8.9	6.5	8.9	25.1	7.6
<b>Type of Housing Unit</b>													
Single-Family .....	8.0	113.9	7.9	45.3	7.2	13.2	7.9	22.2	8.0	6.8	8.0	27.9	4.4
Mobile Home .....	0.5	86.2	0.5	28.0	0.5	16.2	0.5	13.9	0.5	4.8	0.5	24.3	18.2
Multifamily (2 or more units) .....	1.7	45.3	1.7	12.9	1.6	6.5	1.7	12.2	1.7	4.6	1.7	9.4	11.9
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	3.0	66.6	3.0	24.0	2.6	7.8	3.0	15.6	3.0	5.1	3.0	15.1	7.9
1,000 to 1,999 .....	5.2	105.6	5.2	41.4	4.7	11.9	5.2	21.6	5.2	6.2	5.2	25.8	5.2
2,000 or More .....	1.9	144.3	1.9	57.1	1.9	18.9	1.9	23.3	1.9	8.5	1.9	36.7	8.3
<b>Ownership of Unit</b>													
Owned .....	6.8	115.1	6.8	45.8	6.3	13.9	6.8	21.0	6.8	6.9	6.8	28.7	5.3
Rented .....	3.3	72.2	3.3	25.4	2.9	8.3	3.3	18.4	3.3	5.1	3.3	16.1	8.5
<b>Year of Construction</b>													
1939 or Before .....	1.1	106.8	1.1	56.1	0.9	8.9	1.1	18.2	1.1	5.9	1.1	20.2	8.4
1940 to 1979 .....	5.7	100.0	5.7	38.8	5.2	11.3	5.7	20.8	5.7	6.4	5.7	23.9	4.9
1980 or After <sup>3</sup> .....	3.2	101.2	3.2	33.5	3.2	14.4	3.2	19.7	3.2	6.4	3.2	27.5	6.1
<b>1993 Family Income</b>													
Less than \$10,000 .....	1.8	81.7	1.8	37.3	1.5	7.3	1.8	16.3	1.8	5.7	1.8	16.7	9.0
\$10,000 to \$19,999 .....	2.3	86.9	2.2	34.4	2.0	9.1	2.3	18.8	2.3	5.4	2.3	20.6	10.2
\$20,000 to \$34,999 .....	2.3	101.1	2.3	38.6	2.1	12.1	2.3	19.6	2.3	6.1	2.3	25.5	7.4
\$35,000 to \$49,999 .....	1.9	112.5	1.9	41.8	1.8	14.4	1.9	22.5	1.9	6.5	1.9	27.9	8.7
\$50,000 or More .....	1.9	125.3	1.9	44.2	1.9	17.0	1.9	23.5	1.9	8.2	1.9	32.6	11.3
<b>Below Poverty Line</b>													
100 Percent .....	1.8	84.7	1.8	33.8	1.5	7.1	1.8	19.9	1.8	5.6	1.8	20.1	8.4
125 Percent .....	2.4	86.6	2.4	34.7	1.9	7.7	2.3	19.7	2.4	5.5	2.4	20.9	8.5
150 Percent .....	3.0	86.2	3.0	34.6	2.5	8.1	3.0	19.5	3.0	5.4	3.0	20.3	8.0
<b>Age of Householder</b>													
Under 35 Years .....	3.0	89.0	3.0	32.7	2.8	10.8	3.0	20.1	3.0	5.4	3.0	20.8	7.1
35 to 59 Years .....	4.6	108.3	4.6	39.0	4.3	13.9	4.6	21.9	4.6	6.7	4.6	28.0	5.5
60 Years and Over .....	2.5	102.5	2.5	46.8	2.2	10.5	2.5	17.0	2.5	6.9	2.5	23.0	8.5
<b>Household Size</b>													
1 Person .....	2.5	71.6	2.5	33.1	2.2	8.1	2.5	11.7	2.5	5.4	2.5	14.3	7.2
2 to 4 Persons .....	6.5	108.0	6.5	41.3	6.0	13.2	6.4	21.5	6.5	6.6	6.5	26.4	4.1
5 or More Persons .....	1.2	125.0	1.2	39.9	1.1	14.4	1.2	29.9	1.2	6.5	1.2	36.6	9.0

<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 68. Expenditures by End Uses, per South Region Households, 1993**

Characteristics	All Uses		Space Heating		Air Conditioning		Water Heating		Refrigerators		Appliances		RSE Row Factors
	Households (million)	Expenditures (dollars)	Households (million)	Expenditures (dollars)	Households (million)	Expenditures (dollars)	Households (million)	Expenditures (dollars)	Households (million)	Expenditures (dollars)	Households (million)	Expenditures (dollars)	
	RSE Column Factor:	1.1	0.7	1.1	1.1 <sup>1</sup>	1.3	1.1 <sup>1</sup>	1.1	0.8 <sup>1</sup>	1.1	0.8 <sup>1</sup>	1.1	

**South Region**

<b>Total Region</b> .....	33.5	1,305	32.8	338	29.4	242	33.2	178	33.4	131	33.5	454	2.5	
<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	Q	Q
Under 5,500 HDD .....	15.6	1,306	15.3	426	13.4	191	15.5	191	15.6	117	15.6	420	5.4	
2,000 CDD or More and Under 4,000 HDD .....	17.8	1,305	17.5	261	16.1	284	17.7	166	17.8	144	17.8	484	5.1	
<b>Type of Housing Unit</b>														
Single-Family .....	24.8	1,439	24.4	382	22.0	261	24.6	183	24.7	139	24.8	510	2.4	
Mobile Home .....	2.6	1,222	2.5	301	2.0	279	2.6	201	2.6	105	2.6	416	8.5	
Multifamily (2 or more units) .....	6.1	795	5.9	171	5.4	149	6.0	145	6.0	111	6.1	241	7.0	
<b>Heated Floorspace (square feet)</b>														
Fewer than 1,000 .....	10.3	924	10.0	243	8.3	157	10.1	154	10.3	111	10.3	299	4.0	
1,000 to 1,999 .....	15.8	1,347	15.6	334	14.3	249	15.7	185	15.8	131	15.8	481	3.0	
2,000 or More .....	7.3	1,754	7.2	479	6.8	330	7.3	195	7.3	159	7.3	616	4.2	
<b>Ownership of Unit</b>														
Owned .....	22.8	1,455	22.5	381	20.6	270	22.7	180	22.8	139	22.8	518	2.4	
Rented .....	10.6	984	10.3	244	8.9	176	10.4	173	10.6	113	10.6	316	3.9	
<b>Year of Construction</b>														
1939 or Before .....	3.5	1,224	3.4	446	2.4	170	3.4	162	3.5	128	3.5	392	6.4	
1940 to 1979 .....	18.6	1,307	18.3	349	16.3	236	18.5	173	18.6	135	18.6	453	2.8	
1980 or After <sup>3</sup> .....	11.3	1,327	11.2	288	10.7	265	11.3	190	11.3	125	11.3	476	4.2	
<b>1993 Family Income</b>														
Less than \$10,000 .....	6.0	962	5.8	302	4.6	148	5.8	141	6.0	119	6.0	301	5.5	
\$10,000 to \$19,999 .....	7.0	1,116	6.8	298	5.8	186	6.9	166	7.0	119	7.0	386	4.7	
\$20,000 to \$34,999 .....	8.0	1,318	7.8	346	7.1	238	7.9	180	7.9	129	8.0	456	3.7	
\$35,000 to \$49,999 .....	5.8	1,443	5.7	342	5.5	281	5.8	189	5.8	136	5.8	518	4.4	
\$50,000 or More .....	6.7	1,675	6.7	396	6.4	329	6.7	210	6.7	153	6.7	604	4.8	
<b>Below Poverty Line</b>														
100 Percent .....	5.9	1,017	5.7	288	4.4	154	5.6	167	5.9	117	5.9	345	5.0	
125 Percent .....	7.6	1,052	7.4	297	5.8	159	7.4	168	7.6	117	7.6	362	4.3	
150 Percent .....	9.7	1,079	9.4	299	7.7	170	9.5	171	9.7	120	9.7	368	4.0	
<b>Age of Householder</b>														
Under 35 Years .....	8.9	1,175	8.8	286	7.8	221	8.9	190	8.9	112	8.9	399	3.9	
35 to 59 Years .....	15.1	1,448	14.8	345	13.6	280	15.0	203	15.0	136	15.1	517	2.9	
60 Years and Over .....	9.4	1,201	9.2	375	8.1	196	9.2	125	9.4	141	9.4	404	4.0	
<b>Household Size</b>														
1 Person .....	8.0	916	7.7	304	6.7	165	7.7	99	7.9	118	8.0	266	3.5	
2 to 4 Persons .....	22.0	1,387	21.7	345	19.7	259	21.9	191	22.0	135	22.0	488	2.2	
5 or More Persons .....	3.5	1,679	3.4	371	3.0	297	3.5	271	3.5	136	3.5	664	5.9	

See footnotes at end of table.

**Table 68. Expenditures by End Uses, per South Region Households, 1993 (Continued)**

Characteristics	All Uses		Space Heating		Air Conditioning		Water Heating		Refrigerators		Appliances		RSE Row Factors
	Households (million)	Expenditures (dollars)	Households (million)	Expenditures (dollars)	Households (million)	Expenditures (dollars)	Households (million)	Expenditures (dollars)	Households (million)	Expenditures (dollars)	Households (million)	Expenditures (dollars)	
	1.1	0.7	1.1	1.1 <sup>1</sup>	1.3	1.1 <sup>1</sup>	1.1	0.8 <sup>1</sup>	1.1	0.8 <sup>1</sup>	1.1	0.8 <sup>1</sup>	
<b>South Atlantic Division</b> .....	17.3	1,292	16.8	346	15.0	231	17.1	187	17.3	126	17.3	445	3.6
<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	Q	Q	NF
Under 5,500 HDD .....	9.8	1,347	9.6	439	8.3	197	9.7	203	9.8	119	9.8	433	3.1
2,000 CDD or More and Under 4,000 HDD .....	7.5	1,219	7.3	224	6.7	274	7.4	166	7.5	136	7.5	461	3.7
<b>Type of Housing Unit</b>													
Single-Family .....	12.1	1,446	11.9	403	10.7	252	12.0	195	12.1	132	12.1	505	3.8
Mobile Home .....	1.4	1,204	1.3	312	1.0	261	1.4	206	1.4	106	1.4	420	13.0
Multifamily (2 or more units) .....	3.7	824	3.6	172	3.3	152	3.7	152	3.7	114	3.7	259	9.4
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	5.4	910	5.2	240	4.3	147	5.3	164	5.4	108	5.4	297	5.3
1,000 to 1,999 .....	7.9	1,333	7.8	339	7.1	241	7.9	194	7.9	126	7.9	469	4.5
2,000 or More .....	3.9	1,736	3.9	500	3.6	311	3.9	205	3.9	150	3.9	602	6.4
<b>Ownership of Unit</b>													
Owned .....	11.4	1,446	11.2	395	10.1	260	11.4	187	11.4	133	11.4	511	3.4
Rented .....	5.9	993	5.7	250	4.9	171	5.8	187	5.8	112	5.9	317	5.2
<b>Year of Construction</b>													
1939 or Before .....	1.5	1,293	1.4	476	0.9	171	1.4	201	1.5	125	1.5	421	12.2
1940 to 1979 .....	9.4	1,320	9.1	373	8.0	233	9.3	182	9.4	134	9.4	450	4.6
1980 or After <sup>3</sup> .....	6.4	1,250	6.4	279	6.1	237	6.4	192	6.4	116	6.4	444	6.2
<b>1993 Family Income</b>													
Less than \$10,000 .....	2.9	959	2.8	311	2.3	138	2.8	164	2.9	115	2.9	285	9.2
\$10,000 to \$19,999 .....	3.5	1,103	3.5	296	2.8	179	3.5	177	3.5	116	3.5	380	6.0
\$20,000 to \$34,999 .....	4.0	1,298	3.9	353	3.5	231	4.0	182	4.0	130	4.0	445	5.9
\$35,000 to \$49,999 .....	3.0	1,385	2.9	338	2.8	257	3.0	189	3.0	129	3.0	502	6.2
\$50,000 or More .....	3.9	1,640	3.8	415	3.6	310	3.8	216	3.9	138	3.9	583	5.8
<b>Below Poverty Line</b>													
100 Percent .....	2.8	990	2.7	295	2.1	144	2.7	184	2.8	109	2.8	319	8.1
125 Percent .....	3.7	1,033	3.5	306	2.8	148	3.5	184	3.7	112	3.7	341	6.5
150 Percent .....	4.8	1,074	4.6	304	3.8	164	4.7	186	4.8	118	4.8	355	5.9
<b>Age of Householder</b>													
Under 35 Years .....	4.4	1,155	4.3	296	3.8	203	4.4	203	4.4	106	4.4	387	5.8
35 to 59 Years .....	7.9	1,436	7.7	354	7.0	273	7.8	212	7.8	130	7.9	509	4.2
60 Years and Over .....	5.0	1,186	4.9	377	4.2	186	4.9	132	5.0	138	5.0	395	5.6
<b>Household Size</b>													
1 Person .....	4.0	889	3.9	301	3.3	156	3.9	103	4.0	116	4.0	253	5.5
2 to 4 Persons .....	11.6	1,377	11.4	355	10.2	248	11.6	199	11.6	130	11.6	483	3.2
5 or More Persons .....	1.7	1,669	1.6	393	1.4	284	1.7	298	1.6	126	1.7	645	9.8

See footnotes at end of table.

**Table 68. Expenditures by End Uses, per South Region Households, 1993 (Continued)**

Characteristics	All Uses		Space Heating		Air Conditioning		Water Heating		Refrigerators		Appliances		RSE Row Factors
	Households (million)	Expenditures (dollars)	Households (million)	Expenditures (dollars)	Households (million)	Expenditures (dollars)	Households (million)	Expenditures (dollars)	Households (million)	Expenditures (dollars)	Households (million)	Expenditures (dollars)	
	1.1	0.7	1.1	1.1 <sup>1</sup>	1.3	1.1 <sup>1</sup>	1.1	0.8 <sup>1</sup>	1.1	0.8 <sup>1</sup>	1.1	0.8 <sup>1</sup>	
<b>East South Central Division</b>	6.0	1,200	5.9	373	5.3	185	5.9	170	6.0	110	6.0	396	3.8
<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 .....	4.7	1,205	4.6	406	4.1	170	4.6	170	4.7	109	4.7	384	11.2
2,000 CDD or More and Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>													
Single-Family .....	4.7	1,294	4.6	409	4.2	192	4.6	173	4.7	115	4.7	433	3.0
Mobile Home .....	0.7	1,076	0.7	295	0.6	220	0.7	182	0.7	94	0.7	340	9.2
Multifamily (2 or more units) .....	0.6	648	0.6	180	0.5	93	0.6	132	0.6	83	0.6	186	15.1
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	1.8	913	1.8	310	1.4	124	1.8	148	1.8	95	1.8	273	7.5
1,000 to 1,979 .....	2.7	1,244	2.6	360	2.5	196	2.7	183	2.7	108	2.7	426	6.2
2,000 or More .....	1.5	1,478	1.5	473	1.4	228	1.5	172	1.5	130	1.5	494	6.2
<b>Ownership of Unit</b>													
Owned .....	4.6	1,297	4.5	403	4.2	199	4.5	173	4.6	115	4.6	434	3.5
Rented .....	1.4	886	1.4	273	1.1	131	1.4	160	1.4	90	1.4	272	6.5
<b>Year of Construction</b>													
1939 or Before .....	0.9	1,178	0.8	521	0.6	124	0.8	147	0.9	115	0.9	338	10.0
1940 to 1979 .....	3.5	1,204	3.5	364	3.1	185	3.5	162	3.5	111	3.5	407	3.0
1980 or After <sup>3</sup> .....	1.6	1,205	1.6	317	1.5	210	1.6	199	1.6	103	1.6	403	8.1
<b>1993 Family Income</b>													
Less than \$10,000 .....	1.2	927	1.2	352	0.9	132	1.2	121	1.2	98	1.2	285	8.6
\$10,000 to \$19,999 .....	1.2	1,113	1.1	378	1.0	143	1.2	155	1.2	107	1.2	362	7.0
\$20,000 to \$34,999 .....	1.7	1,240	1.7	376	1.5	184	1.7	185	1.7	105	1.7	409	4.0
\$35,000 to \$49,999 .....	0.9	1,337	0.9	376	0.9	223	0.9	188	0.9	119	0.9	446	11.2
\$50,000 or More .....	1.0	1,462	0.9	384	1.0	244	1.0	205	1.0	126	1.0	511	8.8
<b>Below Poverty Line</b>													
100 Percent .....	1.2	1,018	1.2	344	0.8	149	1.2	156	1.2	107	1.2	330	7.3
125 Percent .....	1.6	1,025	1.5	352	1.1	139	1.5	154	1.6	102	1.6	338	6.7
150 Percent .....	1.9	1,068	1.8	361	1.4	144	1.8	158	1.9	106	1.9	353	6.5
<b>Age of Householder</b>													
Under 35 Years .....	1.5	1,135	1.5	328	1.2	184	1.5	195	1.5	94	1.5	368	6.0
35 to 59 Years .....	2.6	1,311	2.6	351	2.4	217	2.6	199	2.6	116	2.6	456	4.9
60 Years and Over .....	1.9	1,098	1.8	440	1.7	140	1.9	110	1.9	112	1.9	335	7.0
<b>Household Size</b>													
1 Person .....	1.4	886	1.4	376	1.2	130	1.4	89	1.4	98	1.4	242	7.4
2 to 4 Persons .....	3.9	1,248	3.9	367	3.5	194	3.9	184	3.9	111	3.9	415	5.2
5 or More Persons .....	0.6	1,620	0.6	400	0.6	244	0.6	260	0.6	128	0.6	628	13.0

See footnotes at end of table.

**Table 68. Expenditures by End Uses, per South Region Households, 1993 (Continued)**

Characteristics	All Uses		Space Heating		Air Conditioning		Water Heating		Refrigerators		Appliances		RSE Row Factors
	Households (million)	Expenditures (dollars)	Households (million)	Expenditures (dollars)	Households (million)	Expenditures (dollars)	Households (million)	Expenditures (dollars)	Households (million)	Expenditures (dollars)	Households (million)	Expenditures (dollars)	
	1.1	0.7	1.1	1.1 <sup>1</sup>	1.3	1.1 <sup>1</sup>	1.1	0.8 <sup>1</sup>	1.1	0.8 <sup>1</sup>	1.1	0.8 <sup>1</sup>	
<b>West South Central Division</b>	10.1	1,391	10.1	304	9.2	291	10.1	167	10.1	152	10.1	504	4.5
<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 .....	8.9	1,395	8.9	291	8.2	299	8.9	166	8.9	155	8.9	510	7.0
<b>Type of Housing Unit</b>													
Single-Family .....	8.0	1,514	7.9	335	7.2	314	7.9	171	8.0	162	8.0	564	4.1
Mobile Home .....	0.5	1,485	0.5	277	0.5	392	0.5	213	0.5	116	0.5	510	19.4
Multifamily (2 or more units) .....	1.7	787	1.7	166	1.6	161	1.7	135	1.7	115	1.7	220	11.0
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	3.0	957	3.0	206	2.6	192	3.0	141	3.0	127	3.0	318	7.7
1,000 to 1,999 .....	5.2	1,422	5.2	313	4.7	287	5.2	172	5.2	150	5.2	527	4.6
2,000 or More .....	1.9	2,005	1.9	438	1.9	442	1.9	192	1.9	199	1.9	739	7.5
<b>Ownership of Unit</b>													
Owned .....	6.8	1,575	6.8	344	6.3	332	6.8	173	6.8	166	6.8	586	4.9
Rented .....	3.3	1,011	3.3	222	2.9	203	3.3	154	3.3	125	3.3	333	8.0
<b>Year of Construction</b>													
1939 or Before .....	1.1	1,169	1.1	356	0.9	202	1.1	123	1.1	142	1.1	395	7.5
1940 to 1979 .....	5.7	1,350	5.7	302	5.2	273	5.7	166	5.7	153	5.7	485	4.1
1980 or After <sup>3</sup> .....	3.2	1,543	3.2	291	3.2	346	3.2	183	3.2	154	3.2	576	6.1
<b>1993 Family Income</b>													
Less than \$10,000 .....	1.8	991	1.8	254	1.5	174	1.8	118	1.8	140	1.8	339	7.6
\$10,000 to \$19,999 .....	2.3	1,139	2.2	261	2.0	219	2.3	153	2.3	129	2.3	406	10.1
\$20,000 to \$34,999 .....	2.3	1,411	2.3	312	2.1	290	2.3	172	2.3	146	2.3	512	6.7
\$35,000 to \$49,999 .....	1.9	1,588	1.9	334	1.8	347	1.9	188	1.9	156	1.9	579	7.0
\$50,000 or More .....	1.9	1,854	1.9	364	1.9	408	1.9	200	1.9	195	1.9	693	10.6
<b>Below Poverty Line</b>													
100 Percent .....	1.8	1,057	1.8	243	1.5	172	1.8	148	1.8	136	1.8	396	7.6
125 Percent .....	2.4	1,099	2.4	249	1.9	187	2.3	155	2.4	136	2.4	411	7.7
150 Percent .....	3.0	1,093	3.0	252	2.5	193	3.0	155	3.0	131	3.0	397	7.3
<b>Age of Householder</b>													
Under 35 Years .....	3.0	1,224	3.0	250	2.8	261	3.0	169	3.0	130	3.0	433	6.3
35 to 59 Years .....	4.6	1,546	4.6	328	4.3	328	4.6	190	4.6	159	4.6	567	5.0
60 Years and Over .....	2.5	1,309	2.5	325	2.2	257	2.5	120	2.5	168	2.5	474	7.9
<b>Household Size</b>													
1 Person .....	2.5	976	2.5	268	2.2	198	2.5	99	2.5	133	2.5	301	6.0
2 to 4 Persons .....	6.5	1,488	6.5	314	6.0	317	6.4	179	6.5	160	6.5	543	3.8
5 or More Persons .....	1.2	1,727	1.2	325	1.1	343	1.2	240	1.2	154	1.2	710	8.2

<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 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 69. Total Electricity and Natural Gas Consumption and Expenditures for Space Heating in South Region 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>	0.9 <sup>1</sup>	1.0	1.2 <sup>1</sup>	1.2 <sup>1</sup>	1.1 <sup>1</sup>	

**South Region**

<b>Total Region</b> .....	18.8	207.6	60.8	4.42	13.6	777.9	757	4.75	6.4
<b>Climate Zone<sup>2</sup></b>									
Under 2,000 CDD and									
Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	8.2	117.7	34.5	2.38	6.3	430.3	419	2.74	12.1
2,000 CDD or More and									
Under 4,000 HDD .....	10.6	89.9	26.3	2.03	7.3	347.6	338	2.00	11.3
<b>Type of Housing Unit</b>									
Single-Family .....	13.0	160.2	46.9	3.37	11.6	716.4	697	4.35	7.0
Mobile Home .....	1.4	17.3	5.1	0.35	0.5	14.8	14	0.09	23.7
Multifamily (2 or more units) .....	4.5	30.1	8.8	0.70	1.5	46.7	45	0.30	13.3
<b>Heated Floorspace (square feet)</b>									
Fewer than 1,000 .....	5.9	47.8	14.0	1.03	3.5	141.3	137	0.88	10.2
1,000 to 1,999 .....	8.8	100.8	29.5	2.13	6.8	355.7	346	2.19	8.5
2,000 or More .....	4.2	59.0	17.3	1.25	3.4	280.9	273	1.68	8.1
<b>Ownership of Unit</b>									
Owned .....	12.4	153.9	45.1	3.22	9.8	614.6	598	3.73	6.7
Rented .....	6.5	53.7	15.8	1.20	3.7	163.3	159	1.02	10.2
<b>Year of Construction</b>									
1939 or Before .....	1.3	9.1	2.7	0.18	2.2	167.6	163	0.98	19.3
1940 to 1979 .....	9.6	109.0	32.0	2.28	7.9	449.7	437	2.75	7.8
1980 or After <sup>3</sup> .....	8.0	89.5	26.2	1.96	3.5	160.6	156	1.01	10.3
<b>1993 Family Income</b>									
Less than \$10,000 .....	2.8	25.8	7.6	0.56	2.6	137.1	133	0.83	13.9
\$10,000 to \$19,999 .....	3.6	31.8	9.3	0.66	3.0	152.7	149	0.95	12.3
\$20,000 to \$34,999 .....	4.7	54.0	15.8	1.13	2.8	174.8	170	1.06	10.3
\$35,000 to \$49,999 .....	3.4	41.3	12.1	0.87	2.3	137.7	134	0.82	11.2
\$50,000 or More .....	4.2	54.7	16.0	1.20	2.8	175.7	171	1.09	10.6
<b>Below Poverty Line</b>									
100 Percent .....	2.7	22.9	6.7	0.50	2.6	126.4	123	0.77	12.1
125 Percent .....	3.6	32.7	9.6	0.70	3.2	164.3	160	1.00	11.1
150 Percent .....	4.8	44.6	13.1	0.95	4.0	208.2	203	1.27	11.1
<b>Age of Householder</b>									
Under 35 Years .....	5.4	55.0	16.1	1.18	3.4	164.5	160	1.00	10.2
35 to 59 Years .....	8.7	103.8	30.4	2.21	6.0	341.0	332	2.10	8.1
60 Years and Over .....	4.7	48.9	14.3	1.03	4.2	272.5	265	1.64	10.2
<b>Household Size</b>									
1 Person .....	4.7	43.8	12.8	0.95	3.1	180.6	176	1.11	10.6
2 to 4 Persons .....	12.4	141.0	41.3	2.98	9.1	508.7	495	3.10	6.5
5 or More Persons .....	1.8	22.8	6.7	0.49	1.4	88.6	86	0.54	13.2

See footnotes at end of table.

**Table 69. Total Electricity and Natural Gas Consumption and Expenditures for Space Heating in South Region Households, 1993 (Continued)**

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>	0.9 <sup>1</sup>	1.0	1.2 <sup>1</sup>	1.2 <sup>1</sup>	1.1 <sup>1</sup>	
<b>South Atlantic Division</b> .....	10.7	106.3	31.2	2.41	4.9	287.7	280	2.03	8.6
<b>Climate Zone<sup>2</sup></b>									
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	5.3	70.3	20.6	1.56	3.5	226.4	220	1.60	10.6
2,000 CDD or More and Under 4,000 HDD .....	5.4	36.0	10.6	0.85	1.4	61.3	60	0.43	12.1
<b>Type of Housing Unit</b>									
Single-Family .....	7.1	78.9	23.1	1.79	3.9	256.2	249	1.81	9.2
Mobile Home .....	0.8	9.7	2.8	0.20	0.1	Q	Q	Q	36.1
Multifamily (2 or more units) .....	2.7	17.8	5.2	0.42	0.9	27.2	26	0.19	17.9
<b>Heated Floorspace (square feet)</b>									
Fewer than 1,000 .....	3.3	24.1	7.1	0.56	1.4	50.6	49	0.36	14.8
1,000 to 1,999 .....	4.9	50.2	14.7	1.14	2.2	119.3	116	0.87	13.2
2,000 or More .....	2.5	32.0	9.4	0.72	1.4	117.8	115	0.80	11.9
<b>Ownership of Unit</b>									
Owned .....	7.0	76.9	22.5	1.73	3.3	218.1	212	1.53	8.8
Rented .....	3.7	29.5	8.6	0.69	1.6	69.6	68	0.50	15.4
<b>Year of Construction</b>									
1939 or Before .....	0.6	3.5	1.0	0.07	0.7	53.7	52	0.37	38.1
1940 to 1979 .....	5.1	50.8	14.9	1.14	2.9	177.2	172	1.24	12.2
1980 or After <sup>3</sup> .....	5.0	52.0	15.2	1.20	1.3	56.8	55	0.43	17.0
<b>1993 Family Income</b>									
Less than \$10,000 .....	1.5	13.7	4.0	0.32	0.9	41.5	40	0.29	20.8
\$10,000 to \$19,999 .....	2.0	15.6	4.6	0.34	1.1	55.1	54	0.39	21.5
\$20,000 to \$34,999 .....	2.6	25.5	7.5	0.57	1.0	69.1	67	0.48	16.6
\$35,000 to \$49,999 .....	1.9	19.7	5.8	0.45	0.8	42.8	42	0.31	16.6
\$50,000 or More .....	2.6	31.8	9.3	0.73	1.2	79.1	77	0.55	14.3
<b>Below Poverty Line</b>									
100 Percent .....	1.4	11.1	3.3	0.26	0.9	40.9	40	0.29	19.1
125 Percent .....	1.9	17.0	5.0	0.39	1.0	52.5	51	0.37	17.7
150 Percent .....	2.6	23.3	6.8	0.54	1.3	66.8	65	0.47	18.8
<b>Age of Householder</b>									
Under 35 Years .....	2.9	28.2	8.3	0.66	1.1	55.2	54	0.39	16.8
35 to 59 Years .....	4.8	52.9	15.5	1.18	2.3	137.2	133	0.98	10.6
60 Years and Over .....	3.0	25.2	7.4	0.58	1.4	95.3	93	0.66	16.1
<b>Household Size</b>									
1 Person .....	2.6	22.6	6.6	0.52	1.1	68.2	66	0.47	15.7
2 to 4 Persons .....	7.1	72.1	21.1	1.63	3.4	189.6	184	1.35	9.3
5 or More Persons .....	0.9	11.6	3.4	0.27	0.4	29.9	29	0.21	22.8

See footnotes at end of table.



**Table 69. Total Electricity and Natural Gas Consumption and Expenditures for Space Heating in South Region Households, 1993 (Continued)**

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>	0.9 <sup>1</sup>	1.0	1.2 <sup>1</sup>	1.2 <sup>1</sup>	1.1 <sup>1</sup>	
<b>East South Central Division</b> .....	3.4	50.6	14.8	0.88	2.4	164.1	160	0.93	18.0
<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 .....	2.6	42.1	12.3	0.72	1.8	139.1	135	0.80	26.4
2,000 CDD or More and Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>									
Single-Family .....	2.6	41.6	12.2	0.72	2.1	153.5	149	0.87	19.1
Mobile Home .....	0.4	5.5	1.6	0.10	0.1	4.0	4	0.02	24.6
Multifamily (2 or more units) .....	0.4	3.5	1.0	0.07	0.2	6.6	6	0.04	28.7
<b>Heated Floorspace (square feet)</b>									
Fewer than 1,000 .....	1.0	12.3	3.6	0.22	0.6	32.9	32	0.19	23.3
1,000 to 1,999 .....	1.6	25.5	7.5	0.45	1.0	58.1	57	0.34	22.3
2,000 or More .....	0.8	12.7	3.7	0.22	0.8	73.1	71	0.40	15.0
<b>Ownership of Unit</b>									
Owned .....	2.6	41.7	12.2	0.72	1.8	137.7	134	0.78	17.6
Rented .....	0.8	8.9	2.6	0.16	0.5	26.5	26	0.15	22.5
<b>Year of Construction</b>									
1939 or Before .....	0.3	2.7	0.8	0.05	0.6	56.8	55	0.30	36.2
1940 to 1979 .....	1.9	29.3	8.6	0.51	1.5	89.0	87	0.52	16.2
1980 or After <sup>3</sup> .....	1.2	18.6	5.4	0.33	0.3	18.4	18	0.11	23.2
<b>1993 Family Income</b>									
Less than \$10,000 .....	0.6	7.3	2.1	0.13	0.5	34.9	34	0.20	33.2
\$10,000 to \$19,999 .....	0.7	7.2	2.1	0.12	0.4	32.5	32	0.19	17.8
\$20,000 to \$34,999 .....	1.0	16.6	4.9	0.29	0.6	37.7	37	0.21	20.4
\$35,000 to \$49,999 .....	0.6	9.5	2.8	0.16	0.4	30.0	29	0.17	21.6
\$50,000 or More .....	0.6	10.0	2.9	0.17	0.5	29.1	28	0.17	21.9
<b>Below Poverty Line</b>									
100 Percent .....	0.5	6.2	1.8	0.11	0.5	31.0	30	0.17	29.1
125 Percent .....	0.8	9.1	2.7	0.16	0.6	40.9	40	0.23	26.8
150 Percent .....	0.9	11.2	3.3	0.20	0.8	52.5	51	0.30	25.4
<b>Age of Householder</b>									
Under 35 Years .....	1.0	14.3	4.2	0.25	0.5	25.3	25	0.15	18.6
35 to 59 Years .....	1.6	22.0	6.5	0.38	1.0	67.2	65	0.38	23.8
60 Years and Over .....	0.9	14.2	4.2	0.25	0.9	71.6	70	0.40	18.1
<b>Household Size</b>									
1 Person .....	0.7	9.6	2.8	0.17	0.6	45.0	44	0.26	29.9
2 to 4 Persons .....	2.3	37.0	10.8	0.64	1.4	96.2	94	0.54	15.9
5 or More Persons .....	0.4	4.0	1.2	0.07	0.3	22.9	22	0.13	28.4

See footnotes at end of table.

**Table 69. Total Electricity and Natural Gas Consumption and Expenditures for Space Heating in South Region Households, 1993 (Continued)**

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>	0.9 <sup>1</sup>	1.0	1.2 <sup>1</sup>	1.2 <sup>1</sup>	1.1 <sup>1</sup>	
<b>West South Central Division</b> .....	4.8	50.7	14.9	1.12	6.3	326.1	317	1.79	10.6
<b>Climate Zone<sup>2</sup></b>									
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	NF
2,000 CDD or More and Under 4,000 HDD .....	4.4	45.4	13.3	1.02	5.4	261.3	254	1.44	14.0
<b>Type of Housing Unit</b>									
Single-Family .....	3.3	39.7	11.6	0.86	5.6	306.7	298	1.68	12.1
Mobile Home .....	0.2	2.2	0.6	0.05	Q	Q	Q	Q	46.1
Multifamily (2 or more units) .....	1.3	8.8	2.6	0.21	0.4	12.9	13	0.07	23.4
<b>Heated Floorspace (square feet)</b>									
Fewer than 1,000 .....	1.5	11.4	3.3	0.26	1.5	57.8	56	0.33	17.0
1,000 to 1,999 .....	2.3	25.0	7.3	0.55	3.6	178.2	173	0.98	13.9
2,000 or More .....	0.9	14.3	4.2	0.31	1.2	90.0	88	0.48	13.7
<b>Ownership of Unit</b>									
Owned .....	2.8	35.3	10.4	0.77	4.7	258.9	252	1.41	11.7
Rented .....	1.9	15.4	4.5	0.35	1.6	67.2	65	0.37	16.2
<b>Year of Construction</b>									
1939 or Before .....	0.4	2.9	0.8	0.06	0.9	57.2	56	0.31	20.5
1940 to 1979 .....	2.5	28.9	8.5	0.63	3.5	183.6	179	1.00	13.3
1980 or After <sup>3</sup> .....	1.8	18.9	5.5	0.43	1.8	85.3	83	0.47	14.4
<b>1993 Family Income</b>									
Less than \$10,000 .....	0.7	4.9	1.4	0.10	1.2	60.7	59	0.34	19.3
\$10,000 to \$19,999 .....	1.0	9.0	2.6	0.19	1.5	65.1	63	0.36	17.8
\$20,000 to \$34,999 .....	1.2	11.8	3.5	0.27	1.3	68.0	66	0.37	17.3
\$35,000 to \$49,999 .....	0.9	12.0	3.5	0.26	1.1	64.9	63	0.34	19.8
\$50,000 or More .....	1.0	12.9	3.8	0.29	1.2	67.5	66	0.37	22.1
<b>Below Poverty Line</b>									
100 Percent .....	0.8	5.5	1.6	0.12	1.2	54.5	53	0.31	16.8
125 Percent .....	1.0	6.7	2.0	0.15	1.6	70.9	69	0.40	15.4
150 Percent .....	1.3	10.0	2.9	0.21	1.9	89.0	87	0.50	13.6
<b>Age of Householder</b>									
Under 35 Years .....	1.6	12.4	3.6	0.28	1.8	84.0	82	0.46	17.0
35 to 59 Years .....	2.3	28.9	8.5	0.64	2.6	136.6	133	0.74	12.8
60 Years and Over .....	0.9	9.4	2.8	0.21	1.9	105.5	103	0.58	18.1
<b>Household Size</b>									
1 Person .....	1.3	11.6	3.4	0.26	1.3	67.5	66	0.38	13.3
2 to 4 Persons .....	2.9	31.9	9.4	0.71	4.2	222.9	217	1.21	12.3
5 or More Persons .....	0.5	7.2	2.1	0.15	0.7	35.7	35	0.20	16.5

<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 70. Total Fuel Oil, Kerosene, and LPG Consumption and Expenditures for Space Heating in South Region Households, 1993**

Characteristics	Fuel Oil				Kerosene				Liquefied Petroleum Gas				RSE Row Factors
	Households (million)	Total Consumed		Total Expenditures (billion dollars)	Households (million)	Total Consumed		Total Expenditures (billion dollars)	Households (million)	Total Consumed		Total Expenditures (billion dollars)	
		(trillion Btu)	(billion gallons)			(trillion Btu)	(billion gallons)			(trillion Btu)	(billion gallons)		
		0.7	0.9 <sup>1</sup>			0.9 <sup>1</sup>	0.9 <sup>1</sup>			0.9	1.3 <sup>1</sup>		
RSE Column Factor:	0.7	0.9 <sup>1</sup>	0.9 <sup>1</sup>	0.9 <sup>1</sup>	0.9	1.3 <sup>1</sup>	1.3 <sup>1</sup>	1.3 <sup>1</sup>	0.9	1.1 <sup>1</sup>	1.1 <sup>1</sup>	1.0 <sup>1</sup>	
<b>Total Region</b> .....	1.5	103.0	0.74	0.71	1.8	20.0	0.15	0.16	2.8	99.2	1.09	1.05	17.3
South Atlantic Division .....	1.4	96.8	0.70	0.67	1.4	17.0	0.13	0.14	1.4	50.2	0.55	0.57	21.3
West South Central Division ..	Q	Q	Q	Q	0.3	Q	Q	Q	0.8	30.9	0.34	0.31	27.5
West South Central Division ..	Q	Q	Q	Q	Q	Q	Q	Q	0.6	18.2	0.20	0.17	30.9
<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 .....	1.3	98.3	0.71	0.68	1.3	14.9	0.11	0.12	1.3	56.7	0.62	0.60	22.1
2,000 CDD or More and													
Under 4,000 HDD .....	Q	Q	Q	Q	0.5	5.0	0.04	0.05	1.5	42.6	0.47	0.45	34.1
<b>Type of Housing Unit</b>													
Single-Family .....	1.4	97.3	0.70	0.67	1.3	13.6	0.10	0.11	2.1	79.0	0.87	0.83	19.1
Mobile Home .....	Q	Q	Q	Q	0.4	5.7	0.04	0.05	0.7	20.1	0.22	0.22	22.3
Multifamily (2 or more units) ..	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	0.3	22.2	0.16	0.14	0.7	12.0	0.09	0.10	0.9	24.9	0.27	0.28	23.6
1,000 to 1,999 .....	0.6	38.8	0.28	0.26	0.8	7.0	0.05	0.06	1.4	52.8	0.58	0.55	22.0
2,000 or More .....	0.6	41.9	0.30	0.31	0.3	1.0	0.01	0.01	0.5	21.5	0.24	0.23	24.8
<b>Ownership of Unit</b>													
Owned .....	1.2	89.1	0.64	0.62	1.2	11.9	0.09	0.10	2.4	85.8	0.94	0.90	19.7
Rented .....	0.3	13.9	0.10	0.09	0.6	8.1	0.06	0.06	0.4	13.4	0.15	0.15	23.6
<b>Year of Construction</b>													
1939 or Before .....	0.4	26.4	0.19	0.18	0.3	2.4	0.02	0.02	0.3	13.8	0.15	0.14	26.7
1940 to 1979 .....	1.1	75.1	0.54	0.52	1.2	15.4	0.11	0.13	1.9	64.3	0.70	0.69	20.8
1980 or After <sup>3</sup> .....	Q	Q	Q	Q	0.3	2.2	0.02	0.02	0.6	21.1	0.23	0.23	27.5
<b>1993 Family Income</b>													
Less than \$10,000 .....	Q	Q	Q	Q	0.4	6.4	0.05	0.05	0.7	23.0	0.25	0.25	24.5
\$10,000 to \$19,999 .....	0.4	27.2	0.20	0.17	0.6	7.6	0.06	0.06	0.6	18.6	0.20	0.20	31.4
\$20,000 to \$34,999 .....	0.4	24.0	0.17	0.16	0.3	Q	Q	Q	0.9	31.7	0.35	0.34	25.2
\$35,000 to \$49,999 .....	0.2	16.4	0.12	0.12	0.2	1.2	0.01	0.01	0.3	12.4	0.14	0.13	27.9
\$50,000 or More .....	0.4	27.8	0.20	0.20	0.3	2.2	0.02	0.02	0.3	13.5	0.15	0.14	24.9
<b>Below Poverty Line</b>													
100 Percent .....	Q	Q	Q	Q	0.5	6.6	0.05	0.05	0.7	25.0	0.27	0.27	24.8
125 Percent .....	0.2	10.6	0.08	0.07	0.7	9.5	0.07	0.08	1.0	31.2	0.34	0.34	23.5
150 Percent .....	0.3	19.2	0.14	0.13	0.8	11.5	0.09	0.09	1.1	34.7	0.38	0.38	23.0
<b>Age of Householder</b>													
Under 35 Years .....	0.2	13.1	0.10	0.09	0.5	6.4	0.05	0.06	0.5	17.0	0.19	0.19	26.6
35 to 59 Years .....	0.6	40.4	0.29	0.27	0.9	10.7	0.08	0.09	1.3	41.9	0.46	0.44	19.9
60 Years and Over .....	0.7	49.5	0.36	0.35	0.4	2.9	0.02	0.02	1.0	40.3	0.44	0.43	27.0

See footnotes at end of table.

**Table 70. Total Fuel Oil, Kerosene, and LPG Consumption and Expenditures for Space Heating in South Region Households, 1993 (Continued)**

Characteristics	Fuel Oil				Kerosene				Liquefied Petroleum Gas				RSE Row Factors
	Households (million)	Total Consumed		Total Expenditures (billion dollars)	Households (million)	Total Consumed		Total Expenditures (billion dollars)	Households (million)	Total Consumed		Total Expenditures (billion dollars)	
		(trillion Btu)	(billion gallons)			(trillion Btu)	(billion gallons)			(trillion Btu)	(billion gallons)		
RSE Column Factor:	0.7	0.9 <sup>1</sup>	0.9 <sup>1</sup>	0.9 <sup>1</sup>	0.9	1.3 <sup>1</sup>	1.3 <sup>1</sup>	1.3 <sup>1</sup>	0.9	1.1 <sup>1</sup>	1.1 <sup>1</sup>	1.0 <sup>1</sup>	

**Household Size**

1 Person .....	0.3	15.8	0.11	0.11	0.3	3.5	0.03	0.03	0.5	14.8	0.16	0.16	30.2
2 to 4 Persons .....	1.1	77.6	0.56	0.53	1.3	11.6	0.09	0.10	2.0	71.6	0.78	0.77	19.6
5 or More Persons .....	Q	Q	Q	Q	0.2	4.9	0.04	0.04	0.3	12.8	0.14	0.12	29.4

<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: • Data in the South Atlantic, East South Central, and West South Central Divisions are not presented separately due to a scarcity of data. • 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 G of the 1993 Residential Energy Consumption Survey.

**Table 71. Electricity Consumption and Expenditures for Main Space Heating, per South Region 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:										

**South Region**

<b>Total Region</b> .....	14.6	13.7	4,028	292	1,457	2,442	2,434	1.13	8.2	4.1
<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 .....	6.1	18.7	5,492	379	1,483	3,918	3,851	0.95	6.5	4.3
2,000 CDD or More and Under 4,000 HDD .....	8.5	10.2	2,978	229	1,438	1,385	1,419	1.50	11.5	7.1
<b>Type of Housing Unit</b>										
Single-Family .....	9.2	16.8	4,911	351	1,790	2,520	2,506	1.09	7.8	4.5
Mobile Home .....	1.1	15.7	4,602	315	1,013	2,975	2,901	1.53	10.4	8.6
Multifamily (2 or more units) .....	4.3	6.9	2,020	161	863	2,148	2,165	1.09	8.7	7.9
<b>Heated Floorspace (square feet)</b>										
Fewer than 1,000 .....	5.0	9.3	2,732	201	737	2,456	2,449	1.51	11.1	6.0
1,000 to 1,999 .....	6.7	14.6	4,267	307	1,425	2,346	2,331	1.28	9.2	4.3
2,000 or More .....	2.9	19.4	5,671	410	2,746	2,639	2,641	0.78	5.7	4.4
<b>Ownership of Unit</b>										
Owned .....	8.9	16.5	4,849	345	1,795	2,491	2,476	1.08	7.7	4.3
Rented .....	5.6	9.3	2,727	207	922	2,366	2,367	1.25	9.5	6.0
<b>Year of Construction</b>										
1939 or Before .....	0.4	18.8	5,506	372	1,338	2,918	2,864	1.41	9.5	15.6
1940 to 1979 .....	7.1	14.8	4,330	308	1,394	2,423	2,413	1.28	9.1	6.0
1980 or After <sup>3</sup> .....	7.1	12.4	3,638	271	1,527	2,434	2,430	0.98	7.3	5.0
<b>1993 Family Income</b>										
Less than \$10,000 .....	2.2	11.5	3,360	246	898	2,516	2,502	1.49	10.9	7.2
\$10,000 to \$19,999 .....	2.6	11.5	3,366	237	1,073	2,307	2,305	1.36	9.6	8.1
\$20,000 to \$34,999 .....	3.7	14.0	4,110	293	1,378	2,456	2,445	1.21	8.7	6.3
\$35,000 to \$49,999 .....	2.8	14.2	4,148	299	1,692	2,415	2,394	1.02	7.3	5.5
\$50,000 or More .....	3.2	16.4	4,803	357	2,023	2,510	2,515	0.95	7.0	6.1
<b>Below Poverty Line</b>										
100 Percent .....	2.0	10.8	3,176	233	918	2,445	2,436	1.41	10.4	6.7
125 Percent .....	2.6	11.8	3,446	248	960	2,524	2,507	1.42	10.2	6.2
150 Percent .....	3.6	11.8	3,456	249	1,029	2,436	2,421	1.38	9.9	6.5
<b>Age of Householder</b>										
Under 35 Years .....	4.6	11.8	3,449	252	1,144	2,564	2,554	1.18	8.6	6.4
35 to 59 Years .....	6.7	15.0	4,394	318	1,657	2,524	2,508	1.05	7.6	4.6
60 Years and Over .....	3.4	13.9	4,084	292	1,484	2,115	2,124	1.30	9.3	7.5
<b>Household Size</b>										
1 Person .....	3.8	11.2	3,274	241	1,106	2,495	2,474	1.19	8.7	6.4
2 to 4 Persons .....	9.4	14.4	4,223	304	1,538	2,409	2,409	1.14	8.2	5.4
5 or More Persons .....	1.3	16.4	4,798	350	1,886	2,530	2,494	1.01	7.3	7.8

See footnotes at end of table.

**Table 71. Electricity Consumption and Expenditures for Main Space Heating, per South Region 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:	1.6	1.0 <sup>1</sup>	1.0 <sup>1</sup>	0.9 <sup>1</sup>	0.6	1.1	1.1	0.9 <sup>1</sup>	1.0 <sup>1</sup>	

**South Region**

**Main Heating Equipment Using Electricity**

Central Warm-Air Furnace .....	6.2	12.2	3,576	262	1,365	2,092	2,089	1.25	9.2	5.7
Built-In Electric Units .....	1.9	15.7	4,610	316	1,140	3,148	3,110	1.28	8.8	10.8
Heat Pump .....	5.9	14.9	4,380	320	1,699	2,601	2,596	0.99	7.2	5.1
Other .....	0.6	11.9	3,497	251	1,040	2,350	2,345	1.43	10.3	14.6

**Age of Main Heating Equipment**

Less than 5 Years .....	3.7	14.2	4,156	303	1,602	2,267	2,272	1.14	8.3	5.4
5 to 9 Years .....	3.9	13.6	3,983	288	1,608	2,386	2,393	1.04	7.5	8.0
10 to 19 Years .....	3.4	15.3	4,476	322	1,474	2,546	2,518	1.19	8.6	7.0
20 Years or More .....	1.2	16.4	4,802	334	1,546	2,698	2,670	1.15	8.0	13.6
Don't Know .....	2.4	9.8	2,860	213	913	2,531	2,516	1.24	9.2	6.8

**Secondary Heating Fuel (more than one may apply)**

No .....	9.0	11.2	3,280	240	1,230	2,230	2,246	1.20	8.7	5.6
Yes .....	5.6	17.9	5,239	375	1,825	2,786	2,739	1.03	7.4	4.4
Wood .....	3.5	19.0	5,556	399	2,033	2,787	2,738	0.98	7.0	5.1
Electricity .....	2.0	16.3	4,771	336	1,649	2,585	2,558	1.12	7.9	7.5
Natural Gas .....	0.3	19.7	5,771	437	1,948	2,368	2,273	1.25	9.5	10.5
Kerosene .....	0.4	19.2	5,637	393	1,344	3,748	3,636	1.12	7.8	11.5
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF

**Average Electricity Expenditures for Main Space Heat (cents per kWh)**

Less than 6 .....	1.9	24.0	7,036	388	1,525	3,979	3,891	1.16	6.4	7.8
6 to Less than 9 .....	10.8	13.1	3,847	292	1,508	2,261	2,262	1.13	8.6	4.9
9 or More .....	1.9	6.9	2,012	193	1,098	1,923	1,942	0.95	9.1	9.3

**Adequacy of Insulation**

Well Insulated .....	5.9	14.0	4,106	295	1,647	2,412	2,397	1.03	7.4	4.8
Adequately Insulated .....	6.0	12.9	3,766	276	1,394	2,340	2,332	1.16	8.5	5.5
Poorly Insulated .....	2.7	15.1	4,436	319	1,187	2,737	2,739	1.37	9.8	8.1

See footnotes at end of table.

**Table 71. Electricity Consumption and Expenditures for Main Space Heating, per South Region 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:	1.6	1.0 <sup>1</sup>	1.0 <sup>1</sup>	0.9 <sup>1</sup>	0.6	1.1	1.1	0.9 <sup>1</sup>	1.0 <sup>1</sup>	
<b>South Atlantic Division</b> .....	8.7	11.9	3,487	270	1,482	2,206	2,248	1.07	8.3	5.8
<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 .....	3.9	17.6	5,148	389	1,494	3,871	3,829	0.89	6.7	5.9
2,000 CDD or More and Under 4,000 HDD .....	4.8	7.3	2,139	173	1,472	855	966	1.70	13.7	13.1
<b>Type of Housing Unit</b>										
Single-Family .....	5.4	14.1	4,147	321	1,818	2,228	2,271	1.02	7.9	6.2
Mobile Home .....	0.6	15.1	4,419	312	995	2,987	2,957	1.49	10.5	13.2
Multifamily (2 or more units) .....	2.7	6.6	1,941	157	916	1,979	2,037	1.07	8.7	12.0
<b>Heated Floorspace (square feet)</b>										
Fewer than 1,000 .....	2.9	8.2	2,397	189	740	2,262	2,295	1.43	11.3	9.3
1,000 to 1,999 .....	4.0	12.2	3,572	275	1,434	2,023	2,077	1.23	9.5	6.3
2,000 or More .....	1.8	17.1	5,008	384	2,749	2,516	2,548	0.72	5.5	5.8
<b>Ownership of Unit</b>										
Owned .....	5.4	13.8	4,058	310	1,811	2,197	2,239	1.02	7.8	5.9
Rented .....	3.3	8.7	2,559	204	948	2,219	2,263	1.22	9.7	8.7
<b>Year of Construction</b>										
1939 or Before .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
1940 to 1979 .....	3.8	12.7	3,735	286	1,444	2,048	2,103	1.26	9.7	9.9
1980 or After <sup>3</sup> .....	4.7	11.0	3,221	253	1,522	2,299	2,334	0.92	7.2	6.9
<b>1993 Family Income</b>										
Less than \$10,000 .....	1.3	10.2	2,981	240	875	2,357	2,379	1.45	11.6	9.2
\$10,000 to \$19,999 .....	1.6	9.5	2,783	208	1,090	1,973	2,033	1.29	9.7	12.4
\$20,000 to \$34,999 .....	2.1	11.6	3,414	261	1,379	2,151	2,195	1.15	8.8	10.0
\$35,000 to \$49,999 .....	1.6	11.8	3,469	267	1,677	2,164	2,191	0.96	7.4	7.0
\$50,000 or More .....	2.0	15.2	4,441	347	2,126	2,377	2,430	0.88	6.9	8.4
<b>Below Poverty Line</b>										
100 Percent .....	1.2	9.1	2,669	216	895	2,207	2,238	1.35	10.9	8.5
125 Percent .....	1.6	10.2	2,994	232	940	2,292	2,315	1.39	10.8	8.7
150 Percent .....	2.2	10.2	2,980	233	1,045	2,177	2,211	1.31	10.3	9.0
<b>Age of Householder</b>										
Under 35 Years .....	2.5	10.9	3,197	253	1,190	2,439	2,473	1.10	8.7	10.0
35 to 59 Years .....	3.9	13.1	3,854	294	1,680	2,305	2,345	1.00	7.6	6.8
60 Years and Over .....	2.2	10.8	3,171	246	1,467	1,765	1,821	1.22	9.5	11.2
<b>Household Size</b>										
1 Person .....	2.3	9.6	2,817	220	1,152	2,436	2,460	1.00	7.8	8.9
2 to 4 Persons .....	5.6	12.5	3,651	281	1,543	2,091	2,143	1.13	8.7	8.2
5 or More Persons .....	0.8	14.6	4,292	337	2,017	2,347	2,371	0.91	7.1	11.4

See footnotes at end of table.

**Table 71. Electricity Consumption and Expenditures for Main Space Heating, per South Region 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:	1.6	1.0 <sup>1</sup>	1.0 <sup>1</sup>	0.9 <sup>1</sup>	0.6	1.1	1.1	0.9 <sup>1</sup>	1.0 <sup>1</sup>	
<b>East South Central Division</b> .....	2.5	19.5	5,714	339	1,478	3,545	3,449	1.09	6.5	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	NF
Under 5,500 HDD .....	2.0	20.8	6,099	357	1,489	4,000	3,899	1.02	6.0	5.7
2,000 CDD or More and Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>										
Single-Family .....	1.8	22.5	6,582	386	1,711	3,627	3,522	1.06	6.2	6.8
Mobile Home .....	0.3	16.8	4,938	298	985	3,186	3,055	1.57	9.5	13.7
Multifamily (2 or more units) .....	0.4	8.6	2,515	163	841	3,465	3,434	0.86	5.6	10.0
<b>Heated Floorspace (square feet)</b>										
Fewer than 1,000 .....	0.8	15.0	4,384	260	800	3,642	3,568	1.50	8.9	6.1
1,000 to 1,999 .....	1.2	20.4	5,977	358	1,400	3,400	3,277	1.26	7.5	7.8
2,000 or More .....	0.5	24.7	7,253	422	2,794	3,748	3,683	0.69	4.0	7.6
<b>Ownership of Unit</b>										
Owned .....	1.8	22.1	6,484	380	1,667	3,578	3,465	1.09	6.4	7.9
Rented .....	0.7	12.6	3,692	230	982	3,457	3,405	1.09	6.8	6.3
<b>Year of Construction</b>										
1939 or Before .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
1940 to 1979 .....	1.3	21.1	6,174	363	1,442	3,629	3,541	1.18	6.9	6.9
1980 or After <sup>3</sup> .....	1.0	17.5	5,125	307	1,510	3,441	3,328	0.99	5.9	8.9
<b>1993 Family Income</b>										
Less than \$10,000 .....	0.4	18.0	5,278	322	1,072	3,528	3,438	1.40	8.5	14.2
\$10,000 to \$19,999 .....	0.4	16.4	4,805	283	1,106	3,465	3,364	1.25	7.4	9.2
\$20,000 to \$34,999 .....	0.7	21.9	6,413	381	1,483	3,586	3,500	1.21	7.2	7.2
\$35,000 to \$49,999 .....	0.5	18.5	5,408	315	1,721	3,444	3,345	0.91	5.3	12.2
\$50,000 or More .....	0.5	20.8	6,107	361	1,870	3,672	3,563	0.89	5.3	8.2
<b>Below Poverty Line</b>										
100 Percent .....	0.3	17.2	5,031	306	1,080	3,534	3,435	1.32	8.0	13.7
125 Percent .....	0.5	18.2	5,325	325	1,110	3,587	3,477	1.34	8.1	11.2
150 Percent .....	0.6	18.6	5,445	328	1,093	3,557	3,452	1.40	8.4	11.6
<b>Age of Householder</b>										
Under 35 Years .....	0.8	17.2	5,047	302	1,181	3,647	3,556	1.17	7.0	6.7
35 to 59 Years .....	1.1	19.1	5,594	330	1,633	3,503	3,405	0.98	5.8	7.4
60 Years and Over .....	0.6	23.5	6,875	407	1,599	3,482	3,380	1.23	7.3	9.5
<b>Household Size</b>										
1 Person .....	0.5	18.6	5,454	331	1,165	3,308	3,217	1.42	8.6	11.3
2 to 4 Persons .....	1.8	19.6	5,752	339	1,553	3,609	3,517	1.03	6.1	7.1
5 or More Persons .....	0.2	20.7	6,070	355	1,587	3,550	3,391	1.08	6.3	10.7

See footnotes at end of table.



**Table 71. Electricity Consumption and Expenditures for Main Space Heating, per South Region 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:	1.6	1.0 <sup>1</sup>	1.0 <sup>1</sup>	0.9 <sup>1</sup>	0.6	1.1	1.1	0.9 <sup>1</sup>	1.0 <sup>1</sup>	
<b>West South Central Division</b> .....	3.4	14.2	4,166	313	1,379	2,236	2,163	1.35	10.1	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	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	13.7	4,016	307	1,388	2,097	2,034	1.38	10.5	8.0
<b>Type of Housing Unit</b>										
Single-Family .....	2.0	18.7	5,477	400	1,784	2,321	2,238	1.32	9.7	8.0
Mobile Home .....	0.1	15.9	4,646	369	1,165	2,422	2,290	1.65	13.1	20.5
Multifamily (2 or more units) .....	1.3	6.9	2,028	167	758	2,083	2,029	1.29	10.6	10.2
<b>Heated Floorspace (square feet)</b>										
Fewer than 1,000 .....	1.3	8.4	2,453	192	690	2,154	2,102	1.65	12.9	10.1
1,000 to 1,999 .....	1.5	16.2	4,738	350	1,421	2,348	2,238	1.42	10.5	8.2
2,000 or More .....	0.6	21.7	6,371	476	2,701	2,149	2,111	1.10	8.2	9.5
<b>Ownership of Unit</b>										
Owned .....	1.8	19.0	5,578	414	1,878	2,267	2,182	1.31	9.7	7.2
Rented .....	1.7	9.1	2,660	205	847	2,204	2,142	1.43	11.0	10.6
<b>Year of Construction</b>										
1939 or Before .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
1940 to 1979 .....	1.9	14.4	4,232	313	1,259	2,333	2,245	1.44	10.6	9.3
1980 or After <sup>3</sup> .....	1.4	13.4	3,938	304	1,560	2,127	2,071	1.19	9.2	9.1
<b>1993 Family Income</b>										
Less than \$10,000 .....	0.5	9.6	2,816	202	816	2,115	2,060	1.63	11.7	14.2
\$10,000 to \$19,999 .....	0.6	13.2	3,883	279	1,010	2,390	2,294	1.61	11.6	13.6
\$20,000 to \$34,999 .....	0.9	13.3	3,887	298	1,288	2,254	2,170	1.34	10.3	11.1
\$35,000 to \$49,999 .....	0.7	16.3	4,786	358	1,705	2,260	2,185	1.24	9.3	10.7
\$50,000 or More .....	0.7	17.0	4,976	384	1,835	2,138	2,084	1.27	9.8	11.1
<b>Below Poverty Line</b>										
100 Percent .....	0.5	10.6	3,092	224	858	2,246	2,203	1.61	11.6	15.2
125 Percent .....	0.6	10.8	3,171	231	892	2,296	2,243	1.55	11.3	13.3
150 Percent .....	0.8	11.5	3,367	237	936	2,363	2,272	1.52	10.7	12.4
<b>Age of Householder</b>										
Under 35 Years .....	1.2	9.9	2,899	218	1,022	2,094	2,047	1.35	10.2	10.3
35 to 59 Years .....	1.7	16.6	4,867	366	1,622	2,391	2,295	1.26	9.5	7.7
60 Years and Over .....	0.5	16.5	4,832	358	1,427	2,081	2,015	1.63	12.1	12.2
<b>Household Size</b>										
1 Person .....	1.0	11.0	3,238	245	971	2,226	2,139	1.50	11.3	9.9
2 to 4 Persons .....	2.0	15.1	4,423	334	1,510	2,203	2,140	1.33	10.1	8.0
5 or More Persons .....	0.4	17.9	5,241	376	1,760	2,439	2,337	1.22	8.8	13.6

<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 72. Natural Gas Consumption and Expenditures for Main Space Heating, per South Region 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 (kWh/HDD* 1000 square feet)	Expenditures (cents/HDD* 1000 square feet)	

**South Region**

<b>Total Region</b> .....	13.0	58.9	57.3	359	1,604	3,200	3,081	11.2	7.0	4.5
<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 .....	6.0	70.9	69.0	452	1,766	3,981	3,840	9.8	6.4	6.1
2,000 CDD or More and Under 4,000 HDD .....	7.0	48.6	47.3	280	1,466	2,531	2,431	12.7	7.5	6.3
<b>Type of Housing Unit</b>										
Single-Family .....	11.0	64.0	62.3	388	1,739	3,167	3,043	11.3	7.1	4.8
Mobile Home .....	0.5	31.7	30.8	202	907	2,788	2,662	12.2	8.0	12.8
Multifamily (2 or more units) .....	1.5	30.3	29.4	195	846	3,566	3,489	9.8	6.5	6.0
<b>Heated Floorspace (square feet)</b>										
Fewer than 1,000 .....	3.4	41.2	40.0	256	757	3,277	3,172	16.1	10.3	5.7
1,000 to 1,999 .....	6.4	54.2	52.7	334	1,415	3,042	2,916	12.3	7.7	4.1
2,000 or More .....	3.2	87.7	85.3	523	2,911	3,439	3,319	8.5	5.2	6.0
<b>Ownership of Unit</b>										
Owned .....	9.4	64.7	63.0	392	1,814	3,163	3,048	11.0	6.8	5.1
Rented .....	3.7	44.0	42.8	275	1,071	3,295	3,166	12.1	7.8	5.8
<b>Year of Construction</b>										
1939 or Before .....	2.2	76.4	74.3	446	1,583	3,503	3,349	13.4	8.0	7.7
1940 to 1979 .....	7.5	58.7	57.1	359	1,515	3,212	3,099	11.7	7.4	5.0
1980 or After <sup>3</sup> .....	3.3	48.0	46.7	303	1,822	2,974	2,866	8.6	5.6	6.6
<b>1993 Family Income</b>										
Less than \$10,000 .....	2.6	52.2	50.8	316	1,089	3,227	3,093	14.5	9.0	6.2
\$10,000 to \$19,999 .....	2.9	52.2	50.8	323	1,299	3,109	3,000	12.6	8.0	6.2
\$20,000 to \$34,999 .....	2.8	62.2	60.5	378	1,523	3,255	3,135	12.2	7.6	6.8
\$35,000 to \$49,999 .....	2.2	63.1	61.3	373	1,936	3,142	3,011	10.1	6.1	6.5
\$50,000 or More .....	2.6	65.8	64.1	409	2,257	3,264	3,159	8.7	5.6	6.7
<b>Below Poverty Line</b>										
100 Percent .....	2.5	49.6	48.2	301	1,123	2,987	2,886	14.4	9.0	6.6
125 Percent .....	3.2	51.0	49.6	311	1,131	3,004	2,896	14.6	9.2	6.3
150 Percent .....	4.0	51.9	50.5	316	1,146	3,085	2,962	14.3	8.9	6.1
<b>Age of Householder</b>										
Under 35 Years .....	3.3	50.2	48.8	305	1,350	3,184	3,065	11.4	7.1	5.9
35 to 59 Years .....	5.8	58.4	56.8	360	1,792	3,223	3,109	9.8	6.2	5.3
60 Years and Over .....	4.0	66.8	64.9	402	1,541	3,180	3,054	13.3	8.2	6.0
<b>Household Size</b>										
1 Person .....	3.0	58.8	57.2	360	1,253	3,436	3,285	13.3	8.4	7.4
2 to 4 Persons .....	8.6	58.5	56.9	356	1,668	3,148	3,043	10.8	6.8	4.7
5 or More Persons .....	1.4	61.7	60.0	375	1,961	3,018	2,880	10.1	6.3	7.5

See footnotes at end of table.

**Table 72. Natural Gas Consumption and Expenditures for Main Space Heating, per South Region 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 (kWh/HDD* 1000 square feet)	Expenditures (cents/HDD* 1000 square feet)	
RSE Column Factor:	1.7	1.0 <sup>1</sup>	1.0 <sup>1</sup>	0.9 <sup>1</sup>	0.7	1.0	0.9	0.9 <sup>1</sup>	1.2 <sup>1</sup>	

**South Region**

**Main Heating Equipment Using Natural Gas**

Central Warm-Air Furnace .....	8.9	61.1	59.4	373	1,801	3,212	3,095	10.3	6.4	4.7
Steam or Hot-Water System .....	0.7	75.4	73.3	441	1,358	3,922	3,893	13.8	8.3	15.9
Floor, Wall, or Pipeless Furnace .....	1.4	51.7	50.3	322	1,094	3,471	3,275	13.2	8.5	9.2
Room Heater/Other .....	2.0	48.1	46.8	292	1,165	2,687	2,580	15.0	9.3	8.3

**Age of Main Heating Equipment**

Less than 5 Years .....	2.9	58.9	57.3	371	1,829	3,115	3,020	10.1	6.5	5.8
5 to 9 Years .....	2.5	57.7	56.1	360	1,605	3,024	2,934	11.6	7.4	5.7
10 to 19 Years .....	3.1	60.6	59.0	357	1,633	3,244	3,101	11.1	6.7	6.8
20 Years or More .....	2.5	69.5	67.6	416	1,694	3,333	3,191	12.0	7.4	8.0
Don't Know .....	2.0	44.6	43.4	273	1,127	3,305	3,180	11.7	7.3	7.4

**Secondary Heating Fuel (more than one may apply)**

No .....	5.4	64.0	62.3	387	2,007	3,167	3,034	9.8	6.1	5.8
Yes .....	7.6	55.2	53.7	339	1,317	3,224	3,115	12.7	8.0	4.8
Wood .....	2.5	65.5	63.8	398	2,338	3,117	3,000	8.7	5.5	6.9
Electricity .....	2.3	66.1	64.3	396	2,009	3,183	3,053	10.1	6.2	8.0
Kerosene .....	0.3	59.6	58.0	388	1,460	3,548	3,414	11.2	7.5	15.2
Other .....	1.4	65.9	64.1	376	1,899	2,954	2,778	11.4	6.7	9.0

**Average Natural Gas Expenditures for Main Space Heat (dollars per 1000 cf)**

Less than 4.50 .....	Q	95.9	93.3	398	Q	4,245	3,925	12.0	5.1	22.6
4.50 to Less than 6 .....	3.9	64.8	63.1	335	1,640	3,095	2,922	12.4	6.6	8.8
6 or More .....	8.3	52.7	51.2	367	1,567	3,153	3,078	10.4	7.4	5.8

**Adequacy of Insulation**

Well Insulated .....	5.1	59.4	57.8	360	1,725	3,162	3,033	10.6	6.6	5.9
Adequately Insulated .....	5.0	58.8	57.2	359	1,634	3,307	3,194	10.6	6.6	4.9
Poorly Insulated .....	3.0	58.2	56.6	357	1,353	3,087	2,976	13.5	8.5	6.7

See footnotes at end of table.

**Table 72. Natural Gas Consumption and Expenditures for Main Space Heating, per South Region 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 (kWh/HDD* 1000 square feet)	Expenditures (cents/HDD* 1000 square feet)	
<b>South Atlantic Division</b> .....	4.7	60.4	58.7	426	1,627	3,554	3,488	10.2	7.4	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	NF
Under 5,500 HDD .....	3.4	66.4	64.6	470	1,769	3,986	3,890	9.2	6.7	7.5
2,000 CDD or More and Under 4,000 HDD .....	1.3	45.0	43.7	316	1,264	2,456	2,464	14.1	10.2	6.2
<b>Type of Housing Unit</b>										
Single-Family .....	3.7	69.0	67.1	486	1,841	3,482	3,412	10.5	7.6	8.5
Mobile Home .....	0.1	34.2	33.2	255	799	3,875	3,687	10.7	8.3	20.5
Multifamily (2 or more units) .....	0.9	29.4	28.6	208	879	3,804	3,766	8.6	6.2	6.8
<b>Heated Floorspace (square feet)</b>										
Fewer than 1,000 .....	1.3	37.7	36.6	269	729	3,602	3,541	14.0	10.2	7.9
1,000 to 1,999 .....	2.1	56.3	54.8	412	1,459	3,373	3,309	11.1	8.4	5.5
2,000 or More .....	1.3	91.3	88.8	617	2,859	3,804	3,725	8.2	5.7	12.0
<b>Ownership of Unit</b>										
Owned .....	3.1	68.6	66.8	483	1,935	3,532	3,459	9.8	7.1	9.0
Rented .....	1.6	43.8	42.6	313	1,005	3,599	3,545	11.8	8.7	7.9
<b>Year of Construction</b>										
1939 or Before .....	0.7	74.7	72.7	511	1,541	4,120	3,974	11.5	8.1	13.5
1940 to 1979 .....	2.8	62.7	61.0	438	1,563	3,536	3,473	11.0	7.9	8.3
1980 or After <sup>3</sup> .....	1.2	46.5	45.3	349	1,825	3,260	3,232	7.6	5.9	12.1
<b>1993 Family Income</b>										
Less than \$10,000 .....	0.8	47.9	46.6	338	980	3,362	3,325	14.1	10.3	8.8
\$10,000 to \$19,999 .....	1.0	52.0	50.6	372	1,151	3,596	3,508	12.2	9.0	9.9
\$20,000 to \$34,999 .....	1.0	71.9	69.9	503	1,575	3,645	3,573	12.2	8.8	12.1
\$35,000 to \$49,999 .....	0.7	58.2	56.6	415	1,955	3,385	3,301	8.6	6.3	12.5
\$50,000 or More .....	1.1	69.3	67.4	487	2,396	3,694	3,641	7.6	5.5	10.1
<b>Below Poverty Line</b>										
100 Percent .....	0.8	48.4	47.1	343	1,008	3,231	3,212	14.4	10.5	8.8
125 Percent .....	1.0	50.6	49.2	358	1,045	3,234	3,216	14.6	10.6	8.5
150 Percent .....	1.3	50.5	49.2	358	1,077	3,281	3,239	13.9	10.1	8.6
<b>Age of Householder</b>										
Under 35 Years .....	1.1	50.7	49.4	361	1,436	3,565	3,508	9.6	7.1	11.3
35 to 59 Years .....	2.2	60.4	58.8	430	1,885	3,634	3,571	8.6	6.3	7.9
60 Years and Over .....	1.4	67.8	65.9	471	1,359	3,418	3,337	14.2	10.1	11.2
<b>Household Size</b>										
1 Person .....	1.1	62.2	60.5	427	1,241	3,652	3,548	13.3	9.4	13.9
2 to 4 Persons .....	3.2	58.6	57.0	417	1,675	3,517	3,464	9.7	7.1	7.0
5 or More Persons .....	0.4	69.3	67.4	493	2,239	3,588	3,504	8.4	6.1	16.0

See footnotes at end of table.

**Table 72. Natural Gas Consumption and Expenditures for Main Space Heating, per South Region 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 (kWh/HDD* 1000 square feet)	Expenditures (cents/HDD* 1000 square feet)	
RSE Column Factor:	1.7	1.0 <sup>1</sup>	1.0 <sup>1</sup>	0.9 <sup>1</sup>	0.7	1.0	0.9	0.9 <sup>1</sup>	1.2 <sup>1</sup>	
<b>East South Central Division</b> .....	2.3	71.5	69.6	406	1,824	3,379	3,296	11.3	6.6	7.9
<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	NF
Under 5,500 HDD .....	1.8	78.6	76.4	452	1,882	3,745	3,664	10.8	6.4	14.1
2,000 CDD or More and Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>										
Single-Family .....	2.0	76.7	74.6	433	1,973	3,403	3,328	11.1	6.4	7.4
Mobile Home .....	0.1	41.7	40.6	232	912	2,930	2,647	15.2	8.7	9.2
Multifamily (2 or more units) .....	0.2	33.9	32.9	215	751	3,354	3,283	13.1	8.5	15.2
<b>Heated Floorspace (square feet)</b>										
Fewer than 1,000 .....	0.6	55.1	53.6	319	772	3,399	3,334	20.4	12.2	9.7
1,000 to 1,999 .....	0.9	61.2	59.5	356	1,407	3,144	3,023	13.5	8.0	9.3
2,000 or More .....	0.7	97.6	95.0	537	3,189	3,660	3,610	8.1	4.6	6.8
<b>Ownership of Unit</b>										
Owned .....	1.8	78.3	76.1	443	2,038	3,405	3,327	11.0	6.4	7.4
Rented .....	0.5	49.3	48.0	282	1,120	3,294	3,190	13.0	7.6	12.2
<b>Year of Construction</b>										
1939 or Before .....	0.5	103.3	100.5	543	1,821	3,654	3,597	15.1	8.2	13.2
1940 to 1979 .....	1.4	62.6	60.9	365	1,772	3,304	3,216	10.4	6.2	8.3
1980 or After <sup>3</sup> .....	0.3	56.6	55.1	349	2,057	3,244	3,134	8.3	5.2	16.8
<b>1993 Family Income</b>										
Less than \$10,000 .....	0.5	66.0	64.2	380	1,251	3,363	3,278	15.3	9.0	11.1
\$10,000 to \$19,999 .....	0.4	76.1	74.0	439	1,864	3,205	3,090	12.4	7.3	10.2
\$20,000 to \$34,999 .....	0.6	64.4	62.6	358	1,469	3,396	3,311	12.6	7.2	9.4
\$35,000 to \$49,999 .....	0.4	85.6	83.2	473	2,379	3,347	3,307	10.5	5.9	13.1
\$50,000 or More .....	0.4	72.1	70.2	414	2,578	3,592	3,507	7.6	4.5	9.9
<b>Below Poverty Line</b>										
100 Percent .....	0.5	64.3	62.5	357	1,382	3,232	3,118	14.0	8.0	15.1
125 Percent .....	0.6	66.2	64.4	376	1,375	3,225	3,110	14.5	8.5	13.0
150 Percent .....	0.8	68.7	66.8	391	1,399	3,241	3,132	14.7	8.6	11.5
<b>Age of Householder</b>										
Under 35 Years .....	0.4	57.2	55.7	341	1,470	3,322	3,238	11.4	7.0	8.6
35 to 59 Years .....	1.0	67.9	66.0	387	1,982	3,395	3,295	9.8	5.8	11.8
60 Years and Over .....	0.9	83.0	80.8	460	1,826	3,391	3,325	13.0	7.4	8.2
<b>Household Size</b>										
1 Person .....	0.6	70.5	68.6	409	1,346	3,573	3,499	14.3	8.5	10.6
2 to 4 Persons .....	1.4	70.0	68.1	396	1,938	3,289	3,216	10.7	6.2	8.4
5 or More Persons .....	0.3	81.1	78.8	446	2,349	3,382	3,224	9.9	5.6	11.3

See footnotes at end of table.

**Table 72. Natural Gas Consumption and Expenditures for Main Space Heating, per South Region 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 (kWh/HDD* 1000 square feet)	Expenditures (cents/HDD* 1000 square feet)	
RSE Column Factor:	1.7	1.0 <sup>1</sup>	1.0 <sup>1</sup>	0.9 <sup>1</sup>	0.7	1.0	0.9	0.9 <sup>1</sup>	1.2 <sup>1</sup>	
<b>West South Central Division</b> .....	6.1	53.0	51.5	289	1,504	2,858	2,685	12.0	6.7	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	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 .....	5.2	49.7	48.3	274	1,501	2,591	2,462	12.4	7.0	8.0
<b>Type of Housing Unit</b>										
Single-Family .....	5.4	56.0	54.4	305	1,583	2,866	2,686	12.0	6.7	7.5
Mobile Home .....	Q	26.6	25.9	163	960	2,179	2,145	12.4	7.8	20.3
Multifamily (2 or more units) .....	0.4	30.4	29.6	159	818	3,156	2,989	11.5	6.2	16.5
<b>Heated Floorspace (square feet)</b>										
Fewer than 1,000 .....	1.5	38.7	37.7	219	776	2,935	2,776	16.5	9.6	9.2
1,000 to 1,999 .....	3.4	51.0	49.6	279	1,390	2,813	2,647	12.7	7.1	6.3
2,000 or More .....	1.1	77.2	75.1	409	2,786	2,894	2,683	9.3	5.1	8.5
<b>Ownership of Unit</b>										
Owned .....	4.5	56.7	55.2	309	1,640	2,809	2,650	12.0	6.7	7.4
Rented .....	1.6	42.4	41.3	234	1,119	2,998	2,787	12.3	7.0	9.7
<b>Year of Construction</b>										
1939 or Before .....	0.9	61.3	59.6	334	1,472	2,920	2,700	13.9	7.8	12.5
1940 to 1979 .....	3.4	53.7	52.2	292	1,367	2,909	2,743	13.1	7.3	8.1
1980 or After <sup>3</sup> .....	1.8	47.4	46.1	262	1,778	2,730	2,570	9.5	5.4	8.3
<b>1993 Family Income</b>										
Less than \$10,000 .....	1.2	49.3	48.0	273	1,095	3,073	2,850	14.2	8.1	10.2
\$10,000 to \$19,999 .....	1.4	45.1	43.9	251	1,238	2,719	2,597	13.0	7.5	8.8
\$20,000 to \$34,999 .....	1.2	53.7	52.2	290	1,509	2,885	2,713	12.0	6.7	8.7
\$35,000 to \$49,999 .....	1.1	59.0	57.4	313	1,781	2,913	2,721	11.1	6.0	9.8
\$50,000 or More .....	1.1	60.2	58.5	330	2,005	2,717	2,555	10.7	6.0	9.4
<b>Below Poverty Line</b>										
100 Percent .....	1.2	44.5	43.3	250	1,101	2,719	2,564	14.5	8.4	9.5
125 Percent .....	1.5	45.2	44.0	254	1,090	2,764	2,599	14.6	8.4	9.4
150 Percent .....	1.9	46.2	44.9	258	1,092	2,888	2,705	14.2	8.2	9.2
<b>Age of Householder</b>										
Under 35 Years .....	1.7	48.0	46.7	262	1,267	2,915	2,748	12.6	7.1	8.8
35 to 59 Years .....	2.6	52.9	51.5	287	1,638	2,797	2,634	11.2	6.3	7.8
60 Years and Over .....	1.8	58.0	56.4	319	1,544	2,890	2,699	12.6	7.2	9.5
<b>Household Size</b>										
1 Person .....	1.3	50.3	48.9	280	1,218	3,187	2,960	12.6	7.2	9.9
2 to 4 Persons .....	4.0	54.5	53.0	295	1,571	2,810	2,654	12.0	6.7	7.6
5 or More Persons .....	0.7	49.5	48.2	276	1,641	2,534	2,371	11.6	6.6	9.1

<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 73. Fuel Oil Consumption and Expenditures for Main Space Heating, per South Region Households, 1993**

Characteristics	Households (million)	Consumption		Expenditures (dollars)	Heated Floorspace (square feet)	Annual Heating Degree-Days		Fuel Oil Space-Heating Intensity		RSE Row Factors
		(million Btu)	(gallons)			1993	30-Year Average <sup>2</sup>	Consumption (kWh/HDD* 1000 square feet)	Expenditures (cents/HDD* 1000 square feet)	
<b>Total Region</b> .....	1.5	70.2	507	485	1,835	3,830	3,818	0.072	6.9	6.7
South Atlantic Division .....	1.4	70.5	509	488	1,884	3,801	3,788	0.071	6.8	7.0
West South Central Division .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
West South Central Division .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<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 .....	1.3	77.3	558	531	1,825	4,272	4,245	0.072	6.8	5.1
2,000 CDD or More and Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>										
Single-Family .....	1.3	71.9	518	498	1,931	3,828	3,821	0.070	6.7	6.8
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 .....	0.3	73.1	528	465	738	4,052	4,015	0.177	15.6	12.2
1,000 to 1,999 .....	0.6	62.2	448	422	1,498	3,722	3,699	0.080	7.6	10.9
2,000 or More .....	0.5	78.0	562	570	2,858	3,832	3,846	0.051	5.2	6.8
<b>Ownership of Unit</b>										
Owned .....	1.1	77.0	556	536	2,019	3,782	3,775	0.073	7.0	7.5
Rented .....	0.3	45.0	325	298	1,157	4,008	3,978	0.070	6.4	10.7
<b>Year of Construction</b>										
1939 or Before .....	0.3	78.3	565	533	1,738	4,235	4,181	0.077	7.2	9.8
1940 to 1979 .....	1.1	69.2	499	481	1,879	3,732	3,732	0.071	6.9	8.1
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 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
\$10,000 to \$19,999 .....	0.4	73.2	529	465	1,372	3,623	3,574	0.106	9.4	14.6
\$20,000 to \$34,999 .....	0.4	63.4	457	434	1,637	3,911	3,907	0.071	6.8	12.9
\$35,000 to \$49,999 .....	0.2	74.2	535	539	2,188	3,764	3,729	0.065	6.5	16.8
\$50,000 or More .....	0.4	76.4	551	561	2,586	3,815	3,877	0.056	5.7	9.0
<b>Below Poverty Line</b>										
100 Percent .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
125 Percent .....	0.2	53.5	386	357	1,007	3,907	3,870	0.098	9.1	13.5
150 Percent .....	0.3	61.5	444	408	1,273	4,146	4,065	0.084	7.7	12.0
<b>Age of Householder</b>										
Under 35 Years .....	0.2	54.1	391	362	1,336	3,985	3,916	0.073	6.8	15.2
35 to 59 Years .....	0.6	72.5	523	492	1,719	3,835	3,845	0.079	7.5	10.6
60 Years and Over .....	0.7	74.3	536	525	2,118	3,769	3,759	0.067	6.6	8.0
<b>Household Size</b>										
1 Person .....	0.3	58.1	420	415	1,432	3,958	3,926	0.074	7.3	14.0
2 to 4 Persons .....	1.0	73.1	527	500	1,945	3,704	3,701	0.073	6.9	9.0
5 or More Persons .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF

See footnotes at end of table.

**Table 73. Fuel Oil Consumption and Expenditures for Main Space Heating, per South Region Households, 1993 (Continued)**

Characteristics	Households (million)	Consumption		Expenditures (dollars)	Heated Floorspace (square feet)	Annual Heating Degree-Days		Fuel Oil Space-Heating Intensity		RSE Row Factors
		(million Btu)	(gallons)			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 Using Fuel Oil</b>										
Central Warm-Air Furnace .....	0.9	64.3	464	439	1,793	3,604	3,574	0.072	6.8	8.6
Steam or Hot-Water System .....	0.4	92.1	664	654	2,331	4,456	4,461	0.064	6.3	7.1
Other .....	Q	Q	Q	Q	Q	Q	Q	0.112	10.4	22.7
<b>Age of Main Heating Equipment</b>										
Less than 5 Years .....	0.2	79.2	571	526	1,644	4,071	4,019	0.085	7.9	20.2
5 to 9 Years .....	0.2	60.6	437	419	1,713	3,300	3,351	0.077	7.4	20.7
10 to 19 Years .....	0.3	60.3	435	445	2,121	3,382	3,410	0.061	6.2	14.1
20 Years or More .....	0.6	76.4	551	524	1,898	4,052	4,027	0.072	6.8	7.8
Don't Know .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Secondary Heating Fuel (more than one may apply)</b>										
No .....	0.8	70.4	508	489	2,018	3,827	3,826	0.066	6.3	9.4
Yes .....	0.6	70.0	505	480	1,607	3,834	3,807	0.082	7.8	11.3
Wood .....	0.4	71.8	518	538	2,680	3,658	3,690	0.053	5.5	10.0
Electricity .....	0.4	63.5	458	460	2,124	3,891	3,913	0.055	5.6	12.8
Kerosene .....	0.3	86.3	623	562	1,930	4,260	4,244	0.076	6.8	17.0
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Average Fuel Oil Expenditures for Main Space Heat (dollars per gallon)</b>										
Less than .95 .....	0.9	65.2	470	418	1,484	3,746	3,706	0.085	7.5	12.6
.95 to Less than 1.10 .....	0.5	83.3	601	626	2,480	4,283	4,320	0.057	5.9	9.6
1.10 or More .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Adequacy of Insulation</b>										
Well Insulated .....	0.5	79.2	571	532	1,965	3,895	3,873	0.075	6.9	12.9
Adequately Insulated .....	0.4	71.6	516	505	2,024	3,662	3,672	0.070	6.8	11.2
Poorly Insulated .....	0.5	60.0	433	421	1,543	3,909	3,888	0.072	7.0	9.3

<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: • Data in the South Atlantic, East South Central, and West South Central Divisions are not presented separately due to a scarcity of data. • 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 G of the 1993 Residential Energy Consumption Survey.



**Table 74. Liquefied Petroleum Gas Consumption and Expenditures for Main Space Heating, per South Region Households, 1993**

Characteristics	Households (million)	Consumption		Expenditures (dollars)	Heated Floorspace (square feet)	Annual Heating Degree-Days		Liquefied Petroleum Gas Space-Heating Intensity		RSE Row Factors
		(million Btu)	(gallons)			1993	30-Year Average <sup>2</sup>	Consumption (kWh/HDD* 1000 square feet)	Expenditures (cents/HDD* 1000 square feet)	
<b>Total Region</b> .....	2.3	39.0	427	408	1,326	2,870	2,751	0.117	10.7	7.4
South Atlantic Division .....	1.1	40.9	448	461	1,379	2,739	2,722	0.119	12.2	11.0
West South Central Division .....	0.7	40.7	446	410	1,275	3,411	3,142	0.111	9.4	10.8
West South Central Division .....	0.5	32.1	351	286	1,276	2,393	2,257	0.122	9.4	21.1
<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 .....	1.0	49.0	537	512	1,371	3,564	3,342	0.117	10.5	10.9
2,000 CDD or More and Under 4,000 HDD .....	1.2	30.8	337	323	1,289	2,303	2,268	0.115	10.9	13.0
<b>Type of Housing Unit</b>										
Single-Family .....	1.6	42.0	459	435	1,496	2,916	2,801	0.110	10.0	8.9
Mobile Home .....	0.6	31.5	345	342	874	2,736	2,606	0.152	14.3	9.0
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 .....	0.8	28.2	309	314	756	2,693	2,596	0.158	15.4	8.4
1,000 to 1,999 .....	1.1	43.2	473	441	1,322	2,925	2,778	0.129	11.4	8.1
2,000 or More .....	0.3	51.7	566	530	2,729	3,119	3,039	0.068	6.2	12.1
<b>Ownership of Unit</b>										
Owned .....	1.9	39.6	433	410	1,401	2,878	2,754	0.112	10.2	7.9
Rented .....	0.3	35.5	388	398	881	2,821	2,728	0.162	16.0	12.7
<b>Year of Construction</b>										
1939 or Before .....	0.3	42.0	460	411	1,352	2,791	2,640	0.129	10.9	17.7
1940 to 1979 .....	1.5	38.2	418	405	1,279	2,834	2,727	0.120	11.2	8.3
1980 or After <sup>3</sup> .....	0.5	39.7	435	417	1,456	3,033	2,897	0.103	9.4	9.6
<b>1993 Family Income</b>										
Less than \$10,000 .....	0.6	35.7	391	387	941	2,841	2,724	0.152	14.5	11.2
\$10,000 to \$19,999 .....	0.5	33.2	364	355	1,339	2,844	2,697	0.101	9.3	14.0
\$20,000 to \$34,999 .....	0.7	38.2	419	400	1,218	2,671	2,565	0.134	12.3	9.1
\$35,000 to \$49,999 .....	0.2	47.6	522	465	2,062	2,961	2,913	0.087	7.6	15.1
\$50,000 or More .....	0.2	56.0	613	563	1,960	3,560	3,387	0.092	8.1	15.1
<b>Below Poverty Line</b>										
100 Percent .....	0.6	36.8	403	395	1,009	2,951	2,816	0.142	13.3	10.8
125 Percent .....	0.9	33.6	368	364	1,005	2,826	2,699	0.136	12.8	10.4
150 Percent .....	1.0	33.4	366	361	1,033	2,801	2,678	0.132	12.5	9.4
<b>Age of Householder</b>										
Under 35 Years .....	0.4	34.8	381	379	1,122	2,814	2,710	0.125	12.0	10.0
35 to 59 Years .....	1.0	36.0	394	368	1,364	2,828	2,709	0.107	9.5	8.9
60 Years and Over .....	0.9	44.6	488	469	1,383	2,945	2,819	0.125	11.5	11.3
<b>Household Size</b>										
1 Person .....	0.4	31.0	340	328	939	2,559	2,431	0.149	13.6	13.0
2 to 4 Persons .....	1.6	40.5	443	432	1,434	2,894	2,785	0.111	10.4	8.2
5 or More Persons .....	0.3	43.6	477	400	1,331	3,249	3,087	0.116	9.3	14.8

See footnotes at end of table.

**Table 74. Liquefied Petroleum Gas Consumption and Expenditures for Main Space Heating, per South Region Households, 1993 (Continued)**

Characteristics	Households (million)	Consumption		Expenditures (dollars)	Heated Floorspace (square feet)	Annual Heating Degree-Days		Liquefied Petroleum Gas Space-Heating Intensity		RSE Row Factors
		(million Btu)	(gallons)			1993	30-Year Average <sup>2</sup>	Consumption (kWh/HDD* 1000 square feet)	Expenditures (cents/HDD* 1000 square feet)	
RSE Column Factor:										

**Main Heating Equipment Using LPG**

Central Warm-Air Furnace .....	1.0	46.7	511	484	1,490	3,038	2,951	0.116	10.7	9.4
Room Heater/Other .....	1.2	32.6	357	345	1,190	2,730	2,585	0.116	10.6	10.1

**Age of Main Heating Equipment**

Less than 5 Years .....	0.9	41.7	457	445	1,267	3,111	2,949	0.122	11.3	10.1
5 to 9 Years .....	0.5	37.8	414	390	1,496	3,044	2,910	0.095	8.6	10.9
10 to 19 Years .....	0.4	33.7	368	347	1,307	2,565	2,503	0.113	10.4	13.9
20 Years or More .....	0.3	42.1	461	429	1,341	2,418	2,389	0.144	13.2	21.6
Don't Know .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF

**Secondary Heating Fuel (more than one may apply)**

No .....	1.0	36.0	394	381	1,407	2,851	2,728	0.103	9.5	9.4
Yes .....	1.3	41.2	451	428	1,266	2,884	2,767	0.129	11.7	8.8
Wood .....	0.2	43.4	475	486	2,051	3,090	3,035	0.076	7.7	16.5
Electricity .....	0.5	30.8	337	319	1,204	2,785	2,626	0.106	9.5	11.1
Kerosene .....	0.2	32.6	356	352	1,221	2,779	2,746	0.106	10.4	19.9
Other .....	0.2	57.6	630	583	1,781	3,185	2,990	0.118	10.3	18.0

**Average LPG Expenditures for Main Space Heat (dollars per gallon)**

Less than .75 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
.75 to Less than 1.00 .....	1.3	43.4	475	439	1,442	3,138	2,986	0.110	9.7	9.4
1.00 or More .....	0.9	29.8	326	366	1,193	2,354	2,311	0.118	13.0	8.4

**Adequacy of Insulation**

Well Insulated .....	0.8	38.3	419	404	1,572	2,904	2,791	0.096	8.8	9.3
Adequately Insulated .....	0.8	44.0	482	450	1,259	2,921	2,813	0.136	12.2	10.3
Poorly Insulated .....	0.7	34.1	373	365	1,140	2,775	2,636	0.124	11.5	10.3

<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: • Data in the South Atlantic, East South Central, and West South Central Divisions are not presented separately due to a scarcity of data. • 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-D of the 1993 Residential Energy Consumption Survey.

**Table 75. Electricity Consumption and Expenditures for All Air Conditioning and Central Air Conditioning, South Region 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	1.4 <sup>1</sup>	1.5 <sup>1</sup>	1.4	0.9 <sup>1</sup>	0.9 <sup>1</sup>	1.0 <sup>1</sup>	0.8	0.6	0.7	0.9 <sup>1</sup>	0.9 <sup>1</sup>	

**South Region**

<b>Total Region</b> .....	29.4	307.4	7.11	21.5	12.0	3,509	277	1,883	2,261	2,117	0.82	6.5	2.7
<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 .....	13.4	115.3	2.55	9.1	10.0	2,923	220	2,030	1,654	1,426	0.87	6.6	5.9
2,000 CDD or More and Under 4,000 HDD .....	16.1	192.1	4.56	12.4	13.4	3,936	318	1,775	2,704	2,622	0.82	6.6	4.4
<b>Type of Housing Unit</b>													
Single-Family .....	22.0	249.5	5.74	16.0	13.2	3,866	303	2,197	2,205	2,068	0.80	6.3	3.2
Mobile Home .....	2.0	25.1	0.57	1.2	15.0	4,407	340	1,101	2,261	2,186	1.77	13.7	7.8
Multifamily (2 or more units) .....	5.4	32.8	0.80	4.3	6.6	1,931	161	934	2,467	2,280	0.84	7.0	7.8
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	8.3	55.4	1.31	4.7	7.6	2,236	180	807	2,347	2,183	1.18	9.5	5.5
1,000 to 1,999 .....	14.3	152.2	3.55	10.7	11.8	3,471	277	1,644	2,303	2,172	0.92	7.3	3.1
2,000 or More .....	6.8	99.9	2.25	6.1	15.6	4,560	351	3,141	2,119	1,966	0.69	5.3	4.4
<b>Ownership of Unit</b>													
Owned .....	20.6	242.2	5.54	15.5	13.4	3,929	307	2,175	2,234	2,099	0.81	6.3	2.9
Rented .....	8.9	65.3	1.56	6.0	8.3	2,428	198	1,134	2,330	2,163	0.92	7.5	5.2
<b>Year of Construction</b>													
1939 or Before .....	2.4	18.2	0.41	0.7	12.6	3,686	272	2,163	2,050	1,881	0.83	6.1	10.2
1940 to 1979 .....	16.3	166.8	3.85	10.9	12.1	3,541	278	1,846	2,252	2,101	0.85	6.7	3.8
1980 or After <sup>4</sup> .....	10.7	122.4	2.85	9.9	11.8	3,461	276	1,904	2,284	2,150	0.80	6.3	4.0
<b>1993 Family Income</b>													
Less than \$10,000 .....	4.6	29.4	0.69	2.3	7.9	2,316	183	1,135	2,251	2,116	0.91	7.2	8.3
\$10,000 to \$19,999 .....	5.8	46.0	1.07	3.2	9.4	2,750	219	1,449	2,266	2,116	0.84	6.7	5.1
\$20,000 to \$34,999 .....	7.1	73.8	1.70	5.5	11.4	3,343	264	1,714	2,292	2,141	0.85	6.7	4.3
\$35,000 to \$49,999 .....	5.5	66.9	1.54	4.6	12.9	3,780	297	2,017	2,276	2,152	0.82	6.5	4.7
\$50,000 or More .....	6.4	91.3	2.11	5.8	14.8	4,342	342	2,473	2,220	2,067	0.79	6.2	5.1
<b>Below Poverty Line</b>													
100 Percent .....	4.4	28.9	0.68	1.9	8.2	2,405	192	1,143	2,295	2,163	0.92	7.3	7.5
125 Percent .....	5.8	39.4	0.93	2.6	8.4	2,469	198	1,176	2,265	2,134	0.93	7.4	6.9
150 Percent .....	7.7	56.3	1.31	3.7	9.1	2,678	212	1,266	2,291	2,147	0.92	7.3	6.3
<b>Age of Householder</b>													
Under 35 Years .....	7.8	73.3	1.72	5.9	10.3	3,020	241	1,459	2,266	2,117	0.91	7.3	4.6
35 to 59 Years .....	13.6	166.7	3.81	10.2	13.8	4,052	316	2,078	2,227	2,071	0.88	6.8	3.3
60 Years and Over .....	8.1	67.4	1.58	5.3	10.3	3,005	240	1,979	2,319	2,204	0.65	5.2	6.0

See footnotes at end of table.

**Table 75. Electricity Consumption and Expenditures for All Air Conditioning and Central Air Conditioning, South Region 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	1.4 <sup>1</sup>	1.5 <sup>1</sup>	1.4	0.9 <sup>1</sup>	0.9 <sup>1</sup>	1.0 <sup>1</sup>	0.8	0.6	0.7	0.9 <sup>1</sup>	0.9 <sup>1</sup>	

**South Region**

<b>Household Size</b>													
1 Person .....	6.7	46.9	1.11	4.6	8.1	2,382	193	1,388	2,293	2,147	0.75	6.1	5.4
2 to 4 Persons .....	19.7	221.0	5.10	14.7	12.7	3,718	292	1,973	2,261	2,116	0.83	6.6	3.1
5 or More Persons .....	3.0	39.4	0.89	2.1	15.4	4,518	349	2,337	2,186	2,054	0.88	6.8	6.9
<b>Cooling Degree-Days (CDD)-1993</b>													
2,000 or More .....	15.9	190.5	4.55	12.5	13.3	3,895	317	1,751	2,756	2,636	0.81	6.6	4.5
1,000 to 1,999 .....	12.5	110.5	2.43	8.5	10.3	3,008	224	2,019	1,621	1,429	0.92	6.9	6.1
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 .....	2.8	27.7	0.45	2.0	11.5	3,363	188	2,272	1,560	1,424	0.95	5.3	9.5
6 to Less than 9 .....	20.8	231.4	5.27	15.4	12.6	3,695	287	1,886	2,343	2,204	0.84	6.5	4.0
9 or More .....	5.9	48.4	1.39	4.1	9.8	2,877	280	1,684	2,292	2,124	0.75	7.3	9.3
<b>Number of Rooms Usually Air Conditioned</b>													
1 to 3 .....	6.4	28.4	0.68	2.3	5.5	1,611	134	704	2,423	2,264	0.94	7.9	6.0
4 to 6 .....	16.3	170.1	3.94	13.0	11.1	3,244	257	1,643	2,272	2,142	0.87	6.9	3.6
7 or More .....	6.8	108.8	2.49	6.3	16.2	4,742	369	2,806	2,179	2,012	0.78	6.0	5.0
<b>Frequency of Use of Air Conditioning<sup>5</sup></b>													
Only a Few Times .....	6.3	26.4	0.62	3.6	5.2	1,527	123	1,525	2,268	2,126	0.44	3.5	5.1
Quite a Bit .....	5.9	53.7	1.25	3.8	10.0	2,935	233	1,846	2,166	1,999	0.73	5.8	5.3
All Summer .....	17.2	226.7	5.22	14.1	14.2	4,165	327	1,984	2,284	2,146	0.92	7.2	3.1
<b>Age of Air Conditioning Equipment<sup>5</sup></b>													
Less than 5 Years .....	9.0	88.9	2.06	6.2	11.2	3,294	260	2,039	2,217	2,081	0.73	5.8	4.3
5 to 9 Years .....	8.2	89.6	2.07	5.8	12.8	3,764	296	1,983	2,264	2,115	0.84	6.6	5.1
10 or More Years .....	8.2	93.6	2.16	6.3	13.1	3,850	303	1,968	2,279	2,141	0.86	6.8	4.9
Don't Know .....	3.7	32.3	0.76	2.8	10.0	2,933	234	1,253	2,371	2,213	0.99	7.9	6.1

See footnotes at end of table.

**Table 75. Electricity Consumption and Expenditures for All Air Conditioning and Central Air Conditioning, South Region 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	1.4 <sup>1</sup>	1.5 <sup>1</sup>	1.4	0.9 <sup>1</sup>	0.9 <sup>1</sup>	1.0 <sup>1</sup>	0.8	0.6	0.7	0.9 <sup>1</sup>	0.9 <sup>1</sup>	
<b>South Atlantic Division</b> .....	15.0	143.0	3.45	11.1	10.9	3,186	262	1,895	2,283	2,071	0.74	6.1	4.1
<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 .....	8.3	67.7	1.63	5.8	9.3	2,725	224	1,982	1,667	1,386	0.82	6.8	5.8
2,000 CDD or More and Under 4,000 HDD .....	6.6	75.2	1.82	5.3	12.6	3,687	303	1,802	2,951	2,814	0.69	5.7	4.4
<b>Type of Housing Unit</b>													
Single-Family .....	10.7	111.6	2.69	8.1	11.9	3,502	287	2,217	2,229	2,025	0.71	5.8	4.7
Mobile Home .....	1.0	11.5	0.27	0.5	14.1	4,146	328	1,185	2,250	2,121	1.55	12.3	12.3
Multifamily (2 or more units) .....	3.3	19.9	0.50	2.5	6.7	1,972	169	1,006	2,463	2,209	0.80	6.8	11.0
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	4.3	25.3	0.63	2.4	6.8	1,983	168	809	2,362	2,122	1.04	8.8	8.5
1,000 to 1,999 .....	7.1	70.4	1.71	5.5	10.8	3,168	263	1,641	2,361	2,160	0.82	6.8	3.9
2,000 or More .....	3.6	47.2	1.11	3.2	14.0	4,113	330	3,139	2,091	1,881	0.63	5.0	6.9
<b>Ownership of Unit</b>													
Owned .....	10.1	109.4	2.62	8.0	12.1	3,551	290	2,205	2,280	2,083	0.71	5.8	4.1
Rented .....	4.9	33.6	0.83	3.2	7.7	2,270	191	1,120	2,291	2,041	0.89	7.4	7.8
<b>Year of Construction</b>													
1939 or Before .....	0.9	6.1	0.15	0.3	10.7	3,144	257	2,106	1,868	1,594	0.80	6.5	21.2
1940 to 1979 .....	8.0	77.2	1.86	5.2	11.7	3,429	281	1,907	2,295	2,062	0.78	6.4	5.7
1980 or After <sup>4</sup> .....	6.1	59.6	1.44	5.7	10.1	2,964	244	1,875	2,292	2,101	0.69	5.7	5.5
<b>1993 Family Income</b>													
Less than \$10,000 .....	2.3	12.8	0.32	1.1	7.0	2,066	176	953	2,318	2,093	0.93	7.9	14.8
\$10,000 to \$19,999 .....	2.8	20.4	0.50	1.7	8.5	2,480	205	1,407	2,297	2,069	0.77	6.3	7.2
\$20,000 to \$34,999 .....	3.5	32.9	0.80	2.8	10.3	3,007	250	1,714	2,353	2,131	0.75	6.2	6.9
\$35,000 to \$49,999 .....	2.8	30.3	0.72	2.3	11.5	3,375	275	1,968	2,328	2,145	0.74	6.0	6.3
\$50,000 or More .....	3.6	46.7	1.11	3.3	13.4	3,941	320	2,564	2,173	1,960	0.71	5.8	6.7
<b>Below Poverty Line</b>													
100 Percent .....	2.1	12.3	0.31	1.0	7.4	2,157	184	1,025	2,346	2,129	0.90	7.7	12.3
125 Percent .....	2.8	16.5	0.41	1.3	7.6	2,224	188	1,095	2,301	2,081	0.88	7.4	10.8
150 Percent .....	3.8	25.4	0.62	1.9	8.6	2,531	210	1,232	2,357	2,118	0.87	7.2	9.4
<b>Age of Householder</b>													
Under 35 Years .....	3.8	31.4	0.77	2.8	9.0	2,638	219	1,535	2,236	1,993	0.77	6.4	7.0
35 to 59 Years .....	7.0	79.7	1.90	5.4	12.7	3,713	302	2,098	2,219	1,994	0.80	6.5	4.8
60 Years and Over .....	4.2	31.8	0.78	2.9	9.3	2,730	227	1,863	2,446	2,288	0.60	5.0	9.0
<b>Household Size</b>													
1 Person .....	3.3	21.1	0.52	2.5	7.2	2,107	177	1,384	2,293	2,086	0.66	5.6	8.6
2 to 4 Persons .....	10.2	105.2	2.54	7.6	11.7	3,427	281	1,975	2,300	2,088	0.75	6.2	4.1
5 or More Persons .....	1.4	16.7	0.39	1.0	13.9	4,065	325	2,568	2,130	1,906	0.74	6.0	11.3

See footnotes at end of table.

**Table 75. Electricity Consumption and Expenditures for All Air Conditioning and Central Air Conditioning, South Region 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	1.4 <sup>1</sup>	1.5 <sup>1</sup>	1.4	0.9 <sup>1</sup>	0.9 <sup>1</sup>	1.0 <sup>1</sup>	0.8	0.6	0.7	0.9 <sup>1</sup>	0.9 <sup>1</sup>	
<b>East South Central Division</b>	5.3	52.4	0.97	3.4	11.7	3,439	216	2,080	1,793	1,671	0.92	5.8	5.0
<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 .....	4.1	38.1	0.69	2.6	11.1	3,257	201	2,163	1,601	1,438	0.94	5.8	11.1
2,000 CDD or More and Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>													
Single-Family .....	4.2	43.5	0.80	2.8	12.5	3,654	229	2,351	1,772	1,652	0.88	5.5	5.2
Mobile Home .....	0.6	6.4	0.12	0.3	14.1	4,119	262	996	1,997	1,950	2.07	13.2	10.8
Multifamily (2 or more units)	0.5	2.6	0.05	0.4	5.2	1,517	96	929	1,806	1,618	0.90	5.7	9.9
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	1.4	9.4	0.18	0.6	7.7	2,268	140	851	1,740	1,611	1.53	9.5	9.3
1,000 to 1,999 .....	2.5	25.5	0.48	1.7	11.7	3,429	220	1,678	1,888	1,791	1.08	6.9	7.8
2,000 or More .....	1.4	17.6	0.32	1.1	13.9	4,083	250	3,350	1,677	1,522	0.73	4.4	7.1
<b>Ownership of Unit</b>													
Owned .....	4.2	44.9	0.83	2.7	12.7	3,730	233	2,269	1,772	1,652	0.93	5.8	5.5
Rented .....	1.1	7.5	0.14	0.7	7.8	2,296	148	1,339	1,874	1,745	0.92	5.9	11.8
<b>Year of Construction</b>													
1939 or Before .....	0.6	4.2	0.08	0.2	9.8	2,864	177	2,435	1,786	1,602	0.66	4.1	8.1
1940 to 1979 .....	3.1	31.2	0.58	2.0	11.7	3,435	216	2,132	1,792	1,670	0.90	5.6	6.6
1980 or After <sup>4</sup> .....	1.5	17.1	0.31	1.3	12.0	3,527	221	1,946	1,797	1,682	1.01	6.3	7.5
<b>1993 Family Income</b>													
Less than \$10,000 .....	0.9	5.8	0.12	0.4	8.3	2,426	157	1,520	1,722	1,580	0.93	6.0	8.3
\$10,000 to \$19,999 .....	1.0	7.7	0.15	0.5	8.8	2,592	162	1,932	1,751	1,644	0.77	4.8	11.2
\$20,000 to \$34,999 .....	1.5	15.3	0.28	1.0	11.5	3,370	214	1,908	1,839	1,718	0.96	6.1	8.5
\$35,000 to \$49,999 .....	0.9	10.8	0.19	0.7	12.7	3,726	229	2,183	1,873	1,761	0.91	5.6	9.6
\$50,000 or More .....	1.0	12.8	0.23	0.8	14.4	4,206	262	2,535	1,720	1,588	0.96	6.0	10.1
<b>Below Poverty Line</b>													
100 Percent .....	0.8	6.2	0.12	0.3	9.2	2,698	176	1,558	1,713	1,591	1.01	6.6	6.8
125 Percent .....	1.1	8.1	0.16	0.4	8.6	2,533	165	1,494	1,741	1,616	0.97	6.3	9.5
150 Percent .....	1.4	10.7	0.21	0.5	9.1	2,672	172	1,528	1,761	1,642	0.99	6.4	9.0
<b>Age of Householder</b>													
Under 35 Years .....	1.2	12.0	0.22	0.9	11.0	3,214	201	1,528	1,805	1,691	1.17	7.3	6.7
35 to 59 Years .....	2.4	27.9	0.52	1.6	13.8	4,037	252	2,226	1,805	1,675	1.00	6.3	5.9
60 Years and Over .....	1.7	12.5	0.23	1.0	9.2	2,685	171	2,327	1,764	1,648	0.65	4.2	10.1
<b>Household Size</b>													
1 Person .....	1.2	7.8	0.15	0.6	8.3	2,443	162	1,725	1,814	1,680	0.78	5.2	9.2
2 to 4 Persons .....	3.5	37.0	0.68	2.5	11.8	3,467	215	2,135	1,788	1,664	0.91	5.6	6.5
5 or More Persons .....	0.6	7.5	0.14	0.4	16.7	4,887	307	2,279	1,794	1,707	1.20	7.5	15.3

See footnotes at end of table.

**Table 75. Electricity Consumption and Expenditures for All Air Conditioning and Central Air Conditioning, South Region 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	1.4 <sup>1</sup>	1.5 <sup>1</sup>	1.4	0.9 <sup>1</sup>	0.9 <sup>1</sup>	1.0 <sup>1</sup>	0.8	0.6	0.7	0.9 <sup>1</sup>	0.9 <sup>1</sup>	
<b>West South Central Division</b>	9.2	112.0	2.69	6.9	13.9	4,063	331	1,765	2,457	2,412	0.94	7.6	4.7
<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 .....	8.2	102.6	2.46	6.2	14.1	4,138	338	1,748	2,532	2,485	0.94	7.6	6.3
<b>Type of Housing Unit</b>													
Single-Family .....	7.2	94.4	2.25	5.1	15.6	4,558	370	2,082	2,402	2,361	0.91	7.4	5.4
Mobile Home .....	0.5	7.3	0.18	0.4	16.8	4,911	404	1,064	2,443	2,416	1.89	15.6	14.6
Multifamily (2 or more units)	1.6	10.4	0.26	1.4	6.8	1,978	165	804	2,666	2,602	0.92	7.7	10.2
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	2.6	20.7	0.51	1.7	8.8	2,588	213	787	2,545	2,478	1.29	10.6	8.3
1,000 to 1,999 .....	4.7	56.2	1.36	3.5	13.5	3,965	326	1,632	2,413	2,376	1.01	8.3	5.3
2,000 or More .....	1.9	35.1	0.82	1.7	19.5	5,724	457	3,008	2,462	2,422	0.77	6.2	7.3
<b>Ownership of Unit</b>													
Owned .....	6.3	87.9	2.10	4.8	15.9	4,674	379	2,070	2,421	2,382	0.93	7.6	5.1
Rented .....	2.9	24.2	0.59	2.1	9.2	2,705	224	1,088	2,537	2,481	0.98	8.1	8.0
<b>Year of Construction</b>													
1939 or Before .....	0.9	7.9	0.18	0.2	16.9	4,949	361	2,019	2,465	2,428	0.99	7.3	17.0
1940 to 1979 .....	5.2	58.5	1.41	3.7	12.8	3,757	306	1,605	2,443	2,390	0.96	7.8	6.4
1980 or After <sup>4</sup> .....	3.2	45.7	1.10	3.0	14.9	4,366	358	1,941	2,474	2,438	0.91	7.5	6.2
<b>1993 Family Income</b>													
Less than \$10,000 .....	1.5	10.8	0.26	0.8	8.9	2,598	206	1,203	2,397	2,382	0.90	7.1	12.1
\$10,000 to \$19,999 .....	2.0	17.9	0.43	1.1	11.0	3,228	264	1,305	2,441	2,391	1.01	8.3	8.4
\$20,000 to \$34,999 .....	2.1	25.7	0.62	1.7	13.2	3,882	315	1,597	2,467	2,414	0.99	8.0	7.1
\$35,000 to \$49,999 .....	1.8	25.8	0.62	1.6	15.1	4,412	362	2,010	2,391	2,350	0.92	7.5	8.6
\$50,000 or More .....	1.9	31.8	0.76	1.7	17.6	5,162	421	2,270	2,547	2,495	0.89	7.3	8.5
<b>Below Poverty Line</b>													
100 Percent .....	1.5	10.4	0.25	0.6	9.1	2,655	212	1,128	2,498	2,497	0.94	7.5	12.1
125 Percent .....	1.9	14.8	0.36	0.9	9.5	2,784	228	1,147	2,449	2,443	0.99	8.1	11.6
150 Percent .....	2.5	20.2	0.49	1.3	9.9	2,894	232	1,207	2,412	2,396	0.99	8.0	10.9
<b>Age of Householder</b>													
Under 35 Years .....	2.8	29.9	0.73	2.3	11.7	3,415	282	1,339	2,479	2,433	1.03	8.5	6.9
35 to 59 Years .....	4.3	59.1	1.40	3.2	15.8	4,629	371	1,973	2,445	2,393	0.96	7.7	5.6
60 Years and Over .....	2.2	23.0	0.56	1.4	13.0	3,807	317	1,976	2,450	2,425	0.79	6.6	10.1

See footnotes at end of table.

**Table 75. Electricity Consumption and Expenditures for All Air Conditioning and Central Air Conditioning, South Region 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	1.4 <sup>1</sup>	1.5 <sup>1</sup>	1.4	0.9 <sup>1</sup>	0.9 <sup>1</sup>	1.0 <sup>1</sup>	0.8	0.6	0.7	0.9 <sup>1</sup>	0.9 <sup>1</sup>	

**Household Size**

1 Person .....	2.2	18.0	0.44	1.5	9.6	2,817	233	1,262	2,480	2,430	0.90	7.4	7.9
2 to 4 Persons .....	6.0	78.8	1.89	4.7	14.8	4,326	351	1,884	2,450	2,404	0.94	7.6	5.4
5 or More Persons .....	1.1	15.2	0.36	0.7	16.9	4,961	401	2,049	2,454	2,427	0.99	8.0	9.1

<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 76. Electricity Consumption and Expenditures for Room Air Conditioning, per South Region 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)	
RSE Column Factor:	1.5	1.1 <sup>1</sup>	1.1 <sup>1</sup>	1.1 <sup>1</sup>	1.0	0.7	0.7	1.0 <sup>1</sup>	1.1 <sup>1</sup>	
<b>South Region</b>										
<b>Total Region</b> .....	7.9	6.3	1,838	146	945	2,083	1,931	0.93	7.4	4.9
<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	NF
Under 5,500 HDD .....	4.3	5.8	1,687	129	1,014	1,608	1,429	1.03	7.9	6.8
2,000 CDD or More and Under 4,000 HDD .....	3.6	6.9	2,015	166	863	2,640	2,519	0.88	7.3	6.9
<b>Type of Housing Unit</b>										
Single-Family .....	6.0	6.3	1,861	147	1,061	2,050	1,915	0.86	6.8	5.0
Mobile Home .....	0.8	8.6	2,523	191	649	1,735	1,586	2.24	17.0	10.9
Multifamily (2 or more units) .....	1.1	4.1	1,196	103	533	2,532	2,280	0.89	7.6	11.0
<b>Heated Floorspace (square feet)</b>										
Fewer than 1,000 .....	3.6	5.4	1,579	127	588	2,198	2,013	1.22	9.8	6.5
1,000 to 1,999 .....	3.5	7.0	2,058	162	1,091	2,033	1,919	0.93	7.3	5.6
2,000 or More .....	0.8	7.0	2,062	157	1,967	1,771	1,596	0.59	4.5	9.1
<b>Ownership of Unit</b>										
Owned .....	5.1	6.8	1,979	154	1,098	1,963	1,842	0.92	7.1	5.1
Rented .....	2.8	5.4	1,587	131	671	2,298	2,090	1.03	8.5	8.1
<b>Year of Construction</b>										
1939 or Before .....	1.7	5.3	1,564	124	1,126	1,994	1,885	0.70	5.5	8.6
1940 to 1979 .....	5.4	6.6	1,922	154	907	2,113	1,944	1.00	8.0	5.9
1980 or After <sup>3</sup> .....	0.8	6.3	1,855	139	819	2,072	1,940	1.09	8.2	11.1
<b>1993 Family Income</b>										
Less than \$10,000 .....	2.3	4.7	1,386	113	649	2,043	1,887	1.04	8.5	6.5
\$10,000 to \$19,999 .....	2.5	6.1	1,798	143	879	2,266	2,116	0.90	7.2	7.2
\$20,000 to \$34,999 .....	1.7	6.8	1,990	155	947	1,989	1,843	1.06	8.2	7.2
\$35,000 to \$49,999 .....	0.8	8.5	2,495	195	1,560	1,930	1,783	0.83	6.5	10.6
\$50,000 or More .....	0.6	8.2	2,413	188	1,494	1,955	1,775	0.83	6.4	13.0
<b>Below Poverty Line</b>										
100 Percent .....	2.4	5.2	1,519	123	656	2,171	2,007	1.07	8.6	6.6
125 Percent .....	3.3	5.4	1,580	127	694	2,162	2,009	1.05	8.5	6.1
150 Percent .....	4.0	5.6	1,629	131	733	2,159	2,005	1.03	8.3	5.6
<b>Age of Householder</b>										
Under 35 Years .....	1.8	6.7	1,957	159	811	2,209	2,032	1.09	8.9	8.0
35 to 59 Years .....	3.4	7.4	2,155	168	1,040	2,121	1,971	0.98	7.6	6.3
60 Years and Over .....	2.7	4.7	1,369	109	917	1,953	1,813	0.76	6.1	6.2
<b>Household Size</b>										
1 Person .....	2.1	4.4	1,286	102	780	1,971	1,827	0.84	6.7	7.2
2 to 4 Persons .....	4.9	6.9	2,012	160	1,014	2,104	1,949	0.94	7.5	5.7
5 or More Persons .....	0.9	7.4	2,180	170	945	2,235	2,079	1.03	8.1	11.0

See footnotes at end of table.

**Table 76. Electricity Consumption and Expenditures for Room Air Conditioning, per South Region 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:	1.5	1.1 <sup>1</sup>	1.1 <sup>1</sup>	1.1 <sup>1</sup>	1.0	0.7	0.7	1.0 <sup>1</sup>	1.1 <sup>1</sup>	
<b>South Region</b>										
<b>Cooling Degree-Days (CDD)-1993</b>										
2,000 or More .....	3.4	7.1	2,084	171	832	2,767	2,606	0.90	7.4	6.9
1,000 to 1,999 .....	4.0	5.8	1,710	132	1,051	1,642	1,479	0.99	7.6	5.1
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 .....	0.8	6.1	1,802	100	1,014	1,425	1,294	1.25	6.9	12.0
6 to Less than 9 .....	5.4	6.9	2,008	156	983	2,149	1,996	0.95	7.4	5.8
9 or More .....	1.8	4.6	1,346	135	800	2,171	2,012	0.78	7.8	10.1
<b>Number of Rooms Usually Air Conditioned</b>										
1 Room .....	1.0	2.8	807	68	231	2,216	1,996	1.57	13.2	6.3
2 Rooms .....	1.8	3.6	1,069	86	514	2,002	1,856	1.04	8.4	6.5
3 or More .....	5.1	7.9	2,316	182	1,240	2,085	1,944	0.90	7.1	5.4
<b>Frequency of Use of Air Conditioning</b>										
Only a Few Times .....	2.7	2.9	848	68	801	2,113	1,973	0.50	4.0	6.4
Quite a Bit .....	2.1	7.5	2,193	174	1,051	2,057	1,904	1.01	8.1	6.9
All Summer .....	3.1	8.3	2,446	193	996	2,076	1,913	1.18	9.3	6.3
<b>Age of Air Conditioning Equipment</b>										
Less than 5 Years .....	2.7	6.9	2,010	158	953	2,209	2,035	0.96	7.5	7.6
5 to 9 Years .....	2.4	6.3	1,854	148	968	1,980	1,846	0.97	7.7	6.4
10 or More Years .....	1.9	5.9	1,718	133	1,010	1,959	1,836	0.87	6.7	8.1
Don't Know .....	0.9	5.2	1,515	126	712	2,247	2,043	0.95	7.9	10.3
<b>Number of Room Air Conditioners</b>										
1 .....	4.9	5.4	1,587	126	730	2,031	1,882	1.07	8.5	4.8
2 .....	2.1	6.9	2,012	157	1,058	2,167	2,014	0.88	6.8	8.7
3 or More .....	1.0	9.3	2,722	220	1,773	2,164	1,997	0.71	5.7	8.9

See footnotes at end of table.

**Table 76. Electricity Consumption and Expenditures for Room Air Conditioning, per South Region 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:	1.5	1.1 <sup>1</sup>	1.1 <sup>1</sup>	1.1 <sup>1</sup>	1.0	0.7	0.7	1.0 <sup>1</sup>	1.1 <sup>1</sup>	
<b>South Atlantic Division</b> .....	3.8	5.7	1,683	140	880	2,061	1,810	0.93	7.7	7.7
<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 .....	2.5	5.5	1,620	133	969	1,583	1,358	1.06	8.6	8.8
2,000 CDD or More and Under 4,000 HDD .....	1.3	6.1	1,802	154	710	2,974	2,674	0.85	7.3	11.1
<b>Type of Housing Unit</b>										
Single-Family .....	2.6	5.8	1,698	142	1,037	1,948	1,707	0.84	7.0	7.0
Mobile Home .....	0.5	8.2	2,403	193	603	1,702	1,492	2.34	18.8	15.5
Multifamily (2 or more units) .....	0.8	3.9	1,145	96	533	2,686	2,370	0.80	6.7	13.8
<b>Heated Floorspace (square feet)</b>										
Fewer than 1,000 .....	1.9	4.9	1,423	119	527	2,283	1,999	1.18	9.9	10.5
1,000 to 1,999 .....	1.6	6.9	2,014	167	1,101	1,925	1,721	0.95	7.9	8.1
2,000 or More .....	0.4	5.3	1,554	127	1,718	1,519	1,229	0.60	4.9	13.6
<b>Ownership of Unit</b>										
Owned .....	2.1	6.1	1,776	146	1,074	1,862	1,640	0.89	7.3	8.2
Rented .....	1.7	5.3	1,564	132	634	2,313	2,025	1.07	9.0	11.6
<b>Year of Construction</b>										
1939 or Before .....	0.6	5.2	1,510	123	1,024	1,670	1,484	0.88	7.2	15.7
1940 to 1979 .....	2.8	5.9	1,723	144	864	2,119	1,846	0.94	7.9	9.5
1980 or After <sup>3</sup> .....	0.4	5.7	1,669	135	778	2,241	2,034	0.96	7.8	17.4
<b>1993 Family Income</b>										
Less than \$10,000 .....	1.2	4.2	1,230	104	536	2,038	1,788	1.13	9.5	10.1
\$10,000 to \$19,999 .....	1.1	5.7	1,661	140	805	2,322	2,049	0.89	7.5	12.4
\$20,000 to \$34,999 .....	0.7	6.3	1,858	154	835	1,972	1,742	1.13	9.3	11.4
\$35,000 to \$49,999 .....	0.5	7.2	2,096	174	1,351	1,791	1,570	0.87	7.2	15.4
\$50,000 or More .....	0.3	8.2	2,403	189	1,781	1,848	1,575	0.73	5.7	19.8
<b>Below Poverty Line</b>										
100 Percent .....	1.1	4.4	1,276	108	522	2,189	1,901	1.12	9.4	10.6
125 Percent .....	1.5	4.6	1,355	115	552	2,222	1,948	1.10	9.3	10.1
150 Percent .....	1.9	4.9	1,425	120	617	2,228	1,962	1.04	8.7	8.9
<b>Age of Householder</b>										
Under 35 Years .....	1.0	6.4	1,873	160	816	2,301	2,032	1.00	8.5	13.1
35 to 59 Years .....	1.6	7.0	2,058	167	970	2,114	1,858	1.00	8.1	10.4
60 Years and Over .....	1.3	3.6	1,065	90	819	1,804	1,573	0.72	6.1	9.7
<b>Household Size</b>										
1 Person .....	0.8	3.7	1,083	90	577	1,811	1,542	1.04	8.6	10.3
2 to 4 Persons .....	2.6	6.2	1,814	151	977	2,098	1,855	0.89	7.4	8.5
5 or More Persons .....	0.4	7.0	2,056	171	852	2,338	2,068	1.03	8.6	18.9

See footnotes at end of table.

**Table 76. Electricity Consumption and Expenditures for Room Air Conditioning, per South Region 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:	1.5	1.1 <sup>1</sup>	1.1 <sup>1</sup>	1.1 <sup>1</sup>	1.0	0.7	0.7	1.0 <sup>1</sup>	1.1 <sup>1</sup>	
<b>East South Central Division</b> .....	1.8	6.5	1,904	125	1,075	1,731	1,626	1.02	6.7	6.4
<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 .....	1.4	6.2	1,813	113	1,122	1,599	1,469	1.01	6.3	8.7
2,000 CDD or More and Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>										
Single-Family .....	1.4	6.2	1,804	116	1,200	1,735	1,626	0.87	5.6	6.4
Mobile Home .....	0.3	9.2	2,701	181	739	1,693	1,642	2.16	14.5	11.5
Multifamily (2 or more units) .....	0.1	4.0	1,169	85	440	1,769	1,587	1.50	10.9	27.4
<b>Heated Floorspace (square feet)</b>										
Fewer than 1,000 .....	0.8	5.7	1,676	112	676	1,710	1,572	1.45	9.7	9.1
1,000 to 1,999 .....	0.7	7.4	2,156	139	1,147	1,773	1,706	1.06	6.9	7.5
2,000 or More .....	0.2	6.5	1,906	120	2,203	1,672	1,563	0.52	3.3	15.0
<b>Ownership of Unit</b>										
Owned .....	1.4	6.9	2,022	131	1,160	1,712	1,623	1.02	6.6	7.7
Rented .....	0.4	5.1	1,489	102	775	1,796	1,635	1.07	7.3	11.6
<b>Year of Construction</b>										
1939 or Before .....	0.4	4.6	1,347	92	1,311	1,721	1,562	0.60	4.1	12.2
1940 to 1979 .....	1.1	6.8	2,001	132	983	1,755	1,663	1.16	7.6	7.3
1980 or After <sup>3</sup> .....	0.2	8.4	2,462	149	1,096	1,625	1,556	1.38	8.3	16.1
<b>1993 Family Income</b>										
Less than \$10,000 .....	0.5	5.4	1,575	111	828	1,861	1,735	1.02	7.2	10.1
\$10,000 to \$19,999 .....	0.5	6.2	1,807	120	1,002	1,830	1,744	0.99	6.5	8.9
\$20,000 to \$34,999 .....	0.5	6.8	1,988	126	1,069	1,600	1,491	1.16	7.4	9.2
\$35,000 to \$49,999 .....	0.1	10.6	3,110	184	2,358	1,481	1,412	0.89	5.3	24.2
\$50,000 or More .....	0.1	7.1	2,079	132	1,136	1,601	1,481	1.14	7.3	15.8
<b>Below Poverty Line</b>										
100 Percent .....	0.5	6.3	1,849	127	850	1,865	1,760	1.17	8.0	11.7
125 Percent .....	0.7	6.0	1,761	120	892	1,825	1,731	1.08	7.4	10.9
150 Percent .....	0.9	6.2	1,824	124	924	1,812	1,716	1.09	7.4	9.6
<b>Age of Householder</b>										
Under 35 Years .....	0.3	7.3	2,148	138	860	1,600	1,506	1.56	10.0	8.5
35 to 59 Years .....	0.8	7.5	2,200	145	1,202	1,722	1,615	1.06	7.0	10.4
60 Years and Over .....	0.7	4.9	1,438	94	1,029	1,804	1,696	0.77	5.0	7.3
<b>Household Size</b>										
1 Person .....	0.6	4.7	1,385	95	911	1,834	1,702	0.83	5.7	8.9
2 to 4 Persons .....	1.0	7.5	2,186	142	1,185	1,688	1,587	1.09	7.1	7.5
5 or More Persons .....	0.2	6.8	1,990	123	996	1,649	1,598	1.21	7.5	21.3

See footnotes at end of table.

**Table 76. Electricity Consumption and Expenditures for Room Air Conditioning, per South Region 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:	1.5	1.1 <sup>1</sup>	1.1 <sup>1</sup>	1.1 <sup>1</sup>	1.0	0.7	0.7	1.0 <sup>1</sup>	1.1 <sup>1</sup>	
<b>West South Central Division</b> .....	2.3	7.0	2,044	172	950	2,397	2,370	0.90	7.6	8.4
<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 .....	2.0	7.2	2,112	173	959	2,495	2,471	0.88	7.2	9.5
<b>Type of Housing Unit</b>										
Single-Family .....	2.0	7.2	2,101	175	995	2,391	2,370	0.88	7.3	8.8
Mobile Home .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Multifamily (2 or more units) .....	0.2	4.7	1,387	135	585	2,429	2,361	0.98	9.5	18.9
<b>Heated Floorspace (square feet)</b>										
Fewer than 1,000 .....	1.0	6.1	1,797	155	632	2,450	2,414	1.16	10.0	9.3
1,000 to 1,999 .....	1.2	7.0	2,056	171	1,042	2,341	2,321	0.84	7.0	9.1
2,000 or More .....	0.2	11.7	3,442	282	2,170	2,490	2,471	0.64	5.2	17.0
<b>Ownership of Unit</b>										
Owned .....	1.5	7.6	2,221	185	1,074	2,333	2,322	0.89	7.4	8.1
Rented .....	0.8	5.8	1,689	145	699	2,525	2,469	0.96	8.2	11.4
<b>Year of Construction</b>										
1939 or Before .....	0.7	6.0	1,754	145	1,100	2,472	2,467	0.64	5.3	11.9
1940 to 1979 .....	1.5	7.6	2,233	188	927	2,381	2,344	1.01	8.5	9.2
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 .....	0.6	5.2	1,529	132	722	2,192	2,189	0.97	8.3	11.1
\$10,000 to \$19,999 .....	0.9	6.7	1,969	161	900	2,457	2,428	0.89	7.3	11.8
\$20,000 to \$34,999 .....	0.4	7.5	2,206	191	980	2,486	2,432	0.90	7.8	12.8
\$35,000 to \$49,999 .....	0.2	10.3	3,008	246	1,580	2,454	2,419	0.78	6.4	14.4
\$50,000 or More .....	0.1	9.5	2,783	242	1,153	2,587	2,575	0.93	8.1	19.4
<b>Below Poverty Line</b>										
100 Percent .....	0.8	5.7	1,659	141	727	2,326	2,298	0.98	8.4	8.2
125 Percent .....	1.0	6.1	1,777	151	759	2,309	2,291	1.01	8.6	8.1
150 Percent .....	1.2	6.2	1,805	152	775	2,304	2,284	1.01	8.5	8.2
<b>Age of Householder</b>										
Under 35 Years .....	0.5	6.8	1,998	170	770	2,418	2,370	1.07	9.2	10.3
35 to 59 Years .....	1.0	7.7	2,269	190	1,019	2,450	2,433	0.91	7.6	8.7
60 Years and Over .....	0.8	6.1	1,792	151	977	2,317	2,292	0.79	6.7	11.4

See footnotes at end of table.

**Table 76. Electricity Consumption and Expenditures for Room Air Conditioning, per South Region 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:	1.5	1.1 <sup>1</sup>	1.1 <sup>1</sup>	1.1 <sup>1</sup>	1.0	0.7	0.7	1.0 <sup>1</sup>	1.1 <sup>1</sup>	

**Household Size**

1 Person .....	0.7	4.9	1,438	123	903	2,268	2,257	0.70	6.0	14.6
2 to 4 Persons .....	1.3	7.8	2,277	192	957	2,443	2,422	0.97	8.2	7.9
5 or More Persons .....	0.3	8.4	2,459	202	1,026	2,498	2,412	0.96	7.9	16.7

<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 77. Total Electricity and Natural Gas Consumption and Expenditures for Water Heating in South Region 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	0.9 <sup>1</sup>	0.9 <sup>1</sup>	0.9 <sup>1</sup>	1.1	1.2 <sup>1</sup>	1.2 <sup>1</sup>	1.1 <sup>1</sup>	

**South Region**

<b>Total Region</b> .....	19.4	166.3	48.7	3.67	12.7	325.5	317	2.01	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	NF
Under 5,500 HDD .....	9.7	90.1	26.4	1.89	5.3	145.2	141	0.96	12.8
2,000 CDD or More and Under 4,000 HDD .....	9.7	76.2	22.3	1.77	7.3	180.3	175	1.05	9.9
<b>Type of Housing Unit</b>									
Single-Family .....	12.9	118.1	34.6	2.56	10.7	283.6	276	1.75	6.4
Mobile Home .....	2.3	21.9	6.4	0.48	0.2	4.4	4	0.03	22.2
Multifamily (2 or more units) .....	4.2	26.3	7.7	0.63	1.7	37.5	36	0.24	16.3
<b>Heated Floorspace (square feet)</b>									
Fewer than 1,000 .....	6.5	46.7	13.7	1.06	3.3	72.1	70	0.45	9.7
1,000 to 1,999 .....	8.8	81.7	24.0	1.80	6.3	162.2	158	1.00	7.6
2,000 or More .....	4.1	37.9	11.1	0.81	3.1	91.2	89	0.56	8.3
<b>Ownership of Unit</b>									
Owned .....	12.9	115.9	34.0	2.51	8.8	228.6	222	1.41	6.4
Rented .....	6.4	50.4	14.8	1.16	3.8	96.9	94	0.60	9.2
<b>Year of Construction</b>									
1939 or Before .....	1.2	9.8	2.9	0.21	2.0	48.7	47	0.29	17.4
1940 to 1979 .....	10.2	86.5	25.4	1.91	7.5	186.9	182	1.14	6.8
1980 or After <sup>3</sup> .....	8.0	69.9	20.5	1.55	3.2	89.9	87	0.58	8.7
<b>1993 Family Income</b>									
Less than \$10,000 .....	3.1	20.1	5.9	0.46	2.4	51.6	50	0.32	12.7
\$10,000 to \$19,999 .....	4.1	33.6	9.9	0.74	2.6	60.4	59	0.37	10.5
\$20,000 to \$34,999 .....	5.0	43.9	12.9	0.96	2.6	67.1	65	0.41	7.7
\$35,000 to \$49,999 .....	3.4	30.7	9.0	0.67	2.3	63.4	62	0.39	9.8
\$50,000 or More .....	3.7	37.9	11.1	0.84	2.8	83.1	81	0.52	10.5
<b>Below Poverty Line</b>									
100 Percent .....	3.0	23.7	6.9	0.54	2.4	59.2	58	0.36	10.1
125 Percent .....	4.1	33.3	9.8	0.75	2.9	71.0	69	0.43	8.2
150 Percent .....	5.3	44.2	12.9	0.99	3.7	89.0	87	0.54	7.8
<b>Age of Householder</b>									
Under 35 Years .....	5.4	49.6	14.5	1.10	3.4	89.9	87	0.56	9.7
35 to 59 Years .....	8.8	87.3	25.6	1.91	5.7	162.7	158	1.01	6.7
60 Years and Over .....	5.3	29.4	8.6	0.66	3.6	72.9	71	0.44	8.9
<b>Household Size</b>									
1 Person .....	4.6	19.6	5.7	0.45	2.9	46.8	45	0.29	8.9
2 to 4 Persons .....	12.9	120.4	35.3	2.64	8.4	225.4	219	1.40	5.9
5 or More Persons .....	1.9	26.3	7.7	0.57	1.4	53.3	52	0.32	12.5

See footnotes at end of table.

**Table 77. Total Electricity and Natural Gas Consumption and Expenditures for Water Heating in South Region Households, 1993 (Continued)**

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	0.9 <sup>1</sup>	0.9 <sup>1</sup>	0.9 <sup>1</sup>	1.1	1.2 <sup>1</sup>	1.2 <sup>1</sup>	1.1 <sup>1</sup>	
<b>South Atlantic Division</b> .....	12.1	96.8	28.4	2.27	4.4	109.7	107	0.81	6.2
<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 .....	6.2	55.8	16.3	1.28	3.2	84.3	82	0.61	9.2
2,000 CDD or More and Under 4,000 HDD .....	6.0	41.0	12.0	0.99	1.2	25.4	25	0.20	7.2
<b>Type of Housing Unit</b>									
Single-Family .....	8.0	67.3	19.7	1.57	3.5	89.9	87	0.66	7.6
Mobile Home .....	1.4	12.5	3.7	0.29	Q	Q	Q	Q	21.9
Multifamily (2 or more units) .....	2.8	16.9	5.0	0.41	0.8	19.3	19	0.14	22.2
<b>Heated Floorspace (square feet)</b>									
Fewer than 1,000 .....	4.1	27.7	8.1	0.66	1.1	24.4	24	0.18	13.4
1,000 to 1,999 .....	5.6	46.9	13.7	1.10	2.0	48.3	47	0.36	10.6
2,000 or More .....	2.5	22.2	6.5	0.51	1.3	37.0	36	0.26	11.0
<b>Ownership of Unit</b>									
Owned .....	7.9	64.1	18.8	1.48	3.0	75.1	73	0.55	7.6
Rented .....	4.2	32.7	9.6	0.79	1.4	34.6	34	0.25	12.2
<b>Year of Construction</b>									
1939 or Before .....	0.7	6.0	1.8	0.13	0.7	18.8	18	0.13	26.3
1940 to 1979 .....	6.2	49.1	14.4	1.16	2.6	61.4	60	0.44	8.9
1980 or After <sup>3</sup> .....	5.2	41.8	12.2	0.98	1.1	29.5	29	0.23	14.4
<b>1993 Family Income</b>									
Less than \$10,000 .....	2.0	12.8	3.8	0.31	0.8	17.8	17	0.13	17.0
\$10,000 to \$19,999 .....	2.6	20.5	6.0	0.47	0.8	17.0	17	0.12	15.6
\$20,000 to \$34,999 .....	2.9	22.5	6.6	0.53	0.9	21.9	21	0.16	11.4
\$35,000 to \$49,999 .....	2.1	17.1	5.0	0.39	0.8	19.5	19	0.15	13.2
\$50,000 or More .....	2.5	23.9	7.0	0.56	1.2	33.4	32	0.24	12.3
<b>Below Poverty Line</b>									
100 Percent .....	1.9	13.8	4.1	0.34	0.7	17.8	17	0.13	15.0
125 Percent .....	2.6	19.5	5.7	0.47	0.8	20.8	20	0.15	12.1
150 Percent .....	3.4	26.5	7.8	0.63	1.1	26.8	26	0.19	12.2
<b>Age of Householder</b>									
Under 35 Years .....	3.2	27.0	7.9	0.65	1.1	31.6	31	0.23	16.4
35 to 59 Years .....	5.4	50.8	14.9	1.17	2.1	55.5	54	0.41	7.5
60 Years and Over .....	3.5	18.9	5.5	0.45	1.2	22.6	22	0.16	12.7
<b>Household Size</b>									
1 Person .....	2.9	11.4	3.3	0.27	0.9	15.5	15	0.11	11.8
2 to 4 Persons .....	8.1	70.2	20.6	1.64	3.1	80.0	78	0.59	7.4
5 or More Persons .....	1.2	15.3	4.5	0.36	0.4	14.2	14	0.10	19.0

See footnotes at end of table.



**Table 77. Total Electricity and Natural Gas Consumption and Expenditures for Water Heating in South Region Households, 1993 (Continued)**

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	0.9 <sup>1</sup>	0.9 <sup>1</sup>	0.9 <sup>1</sup>	1.1	1.2 <sup>1</sup>	1.2 <sup>1</sup>	1.1 <sup>1</sup>	
<b>East South Central Division</b> .....	3.9	38.9	11.4	0.70	1.8	48.5	47	0.27	19.1
<b>Climate Zone<sup>2</sup></b>									
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	3.2	31.5	9.2	0.56	1.3	Q	Q	Q	28.5
2,000 CDD or More and Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>									
Single-Family .....	2.9	29.5	8.6	0.52	1.6	44.3	43	0.25	22.1
Mobile Home .....	0.6	6.0	1.7	0.11	Q	Q	Q	Q	19.3
Multifamily (2 or more units) .....	0.5	3.4	1.0	0.06	0.2	3.5	3	0.02	31.2
<b>Heated Floorspace (square feet)</b>									
Fewer than 1,000 .....	1.2	10.8	3.2	0.20	0.5	9.7	9	0.06	27.1
1,000 to 1,999 .....	1.8	19.8	5.8	0.36	0.7	20.6	20	0.12	19.2
2,000 or More .....	0.8	8.2	2.4	0.14	0.6	18.1	18	0.10	25.4
<b>Ownership of Unit</b>									
Owned .....	3.0	30.6	9.0	0.54	1.4	37.0	36	0.21	21.3
Rented .....	0.9	8.3	2.4	0.15	0.4	11.5	11	0.06	14.8
<b>Year of Construction</b>									
1939 or Before .....	0.4	2.6	0.8	0.05	Q	11.9	12	0.06	40.5
1940 to 1979 .....	2.2	21.5	6.3	0.39	1.1	26.6	26	0.15	18.5
1980 or After <sup>3</sup> .....	1.3	14.7	4.3	0.26	0.3	10.1	10	0.06	21.8
<b>1993 Family Income</b>									
Less than \$10,000 .....	0.8	4.8	1.4	0.09	0.4	7.9	8	Q	25.7
\$10,000 to \$19,999 .....	0.8	7.0	2.1	0.13	0.3	7.8	8	0.04	17.1
\$20,000 to \$34,999 .....	1.2	13.7	4.0	0.25	0.4	9.8	10	0.05	15.2
\$35,000 to \$49,999 .....	0.6	6.7	2.0	0.12	0.3	9.4	9	0.05	23.2
\$50,000 or More .....	0.6	6.6	1.9	0.11	0.4	13.7	13	Q	30.9
<b>Below Poverty Line</b>									
100 Percent .....	0.7	6.2	1.8	0.12	0.4	9.5	9	0.05	21.0
125 Percent .....	1.0	8.4	2.5	0.16	0.4	10.9	11	0.06	19.5
150 Percent .....	1.2	10.7	3.1	0.20	0.5	13.7	13	0.08	17.9
<b>Age of Householder</b>									
Under 35 Years .....	1.1	12.7	3.7	0.23	0.3	8.6	8	0.05	20.2
35 to 59 Years .....	1.7	19.0	5.6	0.34	0.8	28.1	27	0.16	21.1
60 Years and Over .....	1.2	7.2	2.1	0.13	0.6	11.8	12	0.06	28.4
<b>Household Size</b>									
1 Person .....	0.9	3.9	1.1	0.07	0.5	7.8	8	0.04	23.6
2 to 4 Persons .....	2.7	29.0	8.5	0.52	1.1	31.2	30	0.17	21.1
5 or More Persons .....	0.4	6.0	1.8	0.11	0.2	9.5	9	0.05	36.1

See footnotes at end of table.

**Table 77. Total Electricity and Natural Gas Consumption and Expenditures for Water Heating in South Region Households, 1993 (Continued)**

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	0.9 <sup>1</sup>	0.9 <sup>1</sup>	0.9 <sup>1</sup>	1.1	1.2 <sup>1</sup>	1.2 <sup>1</sup>	1.1 <sup>1</sup>	
<b>West South Central Division</b> .....	3.3	30.6	9.0	0.70	6.5	167.3	163	0.93	10.5
<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	27.8	8.2	0.64	5.6	142.6	139	0.80	14.2
<b>Type of Housing Unit</b>									
Single-Family .....	2.0	21.3	6.2	0.47	5.6	149.5	145	0.83	11.5
Mobile Home .....	0.3	3.4	1.0	0.08	Q	Q	Q	Q	33.9
Multifamily (2 or more units) .....	1.0	5.9	1.7	0.15	0.7	14.7	14	0.08	28.4
<b>Heated Floorspace (square feet)</b>									
Fewer than 1,000 .....	1.1	8.2	2.4	0.20	1.7	38.0	37	0.22	18.6
1,000 to 1,999 .....	1.4	15.1	4.4	0.34	3.6	93.3	91	0.52	16.1
2,000 or More .....	0.7	7.4	2.2	0.16	1.2	36.0	35	0.20	11.4
<b>Ownership of Unit</b>									
Owned .....	2.0	21.2	6.2	0.48	4.5	116.4	113	0.65	11.9
Rented .....	1.3	9.4	2.8	0.22	2.0	50.9	49	0.29	16.5
<b>Year of Construction</b>									
1939 or Before .....	0.2	1.2	0.4	0.03	0.9	18.0	18	0.10	19.7
1940 to 1979 .....	1.7	16.0	4.7	0.36	3.8	98.9	96	0.54	14.6
1980 or After <sup>3</sup> .....	1.4	13.4	3.9	0.31	1.8	50.4	49	0.29	11.9
<b>1993 Family Income</b>									
Less than \$10,000 .....	0.4	2.5	0.7	0.06	1.3	25.8	25	0.15	19.4
\$10,000 to \$19,999 .....	0.7	6.1	1.8	0.14	1.5	35.6	35	0.20	21.6
\$20,000 to \$34,999 .....	0.9	7.6	2.2	0.18	1.3	35.3	34	0.20	16.8
\$35,000 to \$49,999 .....	0.7	7.0	2.1	0.16	1.1	34.5	34	0.19	18.6
\$50,000 or More .....	0.6	7.4	2.2	0.17	1.2	36.1	35	0.20	21.8
<b>Below Poverty Line</b>									
100 Percent .....	0.4	3.6	1.1	0.08	1.3	31.9	31	0.18	17.6
125 Percent .....	0.6	5.4	1.6	0.12	1.6	39.2	38	0.22	14.0
150 Percent .....	0.8	6.9	2.0	0.16	2.0	48.6	47	0.28	13.4
<b>Age of Householder</b>									
Under 35 Years .....	1.1	9.9	2.9	0.23	1.9	49.8	48	0.28	15.2
35 to 59 Years .....	1.7	17.4	5.1	0.40	2.7	79.1	77	0.44	12.6
60 Years and Over .....	0.6	3.3	1.0	0.08	1.9	38.4	37	0.22	15.2
<b>Household Size</b>									
1 Person .....	0.9	4.4	1.3	0.10	1.5	23.5	23	0.13	16.3
2 to 4 Persons .....	2.1	21.3	6.2	0.49	4.2	114.2	111	0.63	11.0
5 or More Persons .....	0.3	5.0	1.5	0.11	0.8	29.6	29	0.17	20.5

<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 78. Total LPG Consumption and Expenditures for Water Heating in South Region Households, 1993**

Characteristics	Liquefied Petroleum Gas				RSE Row Factors
	Households (million)	Total Consumed		Total Expenditures (billion dollars)	
		(trillion Btu)	(billion gallons)		
RSE Column Factor:	1.0	1.0 <sup>1</sup>	1.0 <sup>1</sup>	1.0 <sup>1</sup>	
<b>Total Region</b> .....	1.1	17.1	0.19	0.19	18.5
South Atlantic Division .....	0.4	7.6	0.08	0.10	28.3
West South Central Division .....	0.2	4.0	0.04	0.04	34.2
West South Central Division .....	0.4	5.4	0.06	0.05	30.2
<b>Climate Zone<sup>2</sup></b>					
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	NF
Under 5,500 HDD .....	0.4	7.6	0.08	0.09	35.0
2,000 CDD or More and Under 4,000 HDD .....	0.7	9.4	0.10	0.11	30.3
<b>Type of Housing Unit</b>					
Single-Family .....	1.0	16.4	0.18	0.18	18.7
Mobile Home .....	Q	Q	Q	Q	NF
Multifamily (2 or more units) .....	Q	Q	Q	Q	NF
<b>Heated Floorspace (square feet)</b>					
Fewer than 1,000 .....	0.3	3.9	0.04	0.04	30.9
1,000 to 1,999 .....	0.6	10.1	0.11	0.12	20.1
2,000 or More .....	0.2	3.1	0.03	0.03	39.7
<b>Ownership of Unit</b>					
Owned .....	0.9	14.3	0.16	0.16	19.9
Rented .....	0.2	2.8	0.03	0.04	28.3
<b>Year of Construction</b>					
1939 or Before .....	0.3	4.2	0.05	0.04	30.0
1940 to 1979 .....	0.7	10.5	0.11	0.12	20.1
1980 or After <sup>3</sup> .....	0.1	2.4	0.03	0.03	43.2
<b>1993 Family Income</b>					
Less than \$10,000 .....	0.3	2.8	0.03	0.03	43.3
\$10,000 to \$19,999 .....	0.2	2.9	0.03	0.03	31.7
\$20,000 to \$34,999 .....	0.3	5.8	0.06	0.06	17.4
\$35,000 to \$49,999 .....	0.2	2.6	0.03	0.03	40.7
\$50,000 or More .....	0.1	2.9	0.03	0.03	35.3
<b>Below Poverty Line</b>					
100 Percent .....	0.3	3.5	0.04	0.04	34.6
125 Percent .....	0.4	5.3	0.06	0.06	31.5
150 Percent .....	0.5	6.9	0.08	0.08	26.1
<b>Age of Householder</b>					
Under 35 Years .....	0.1	2.6	0.03	0.03	32.6
35 to 59 Years .....	0.6	10.6	0.12	0.12	23.6
60 Years and Over .....	0.3	3.9	0.04	0.04	30.8

See footnotes at end of table.

**Table 78. Total LPG Consumption and Expenditures for Water Heating in South Region Households, 1993 (Continued)**

Characteristics	Liquefied Petroleum Gas				RSE Row Factors
	Households (million)	Total Consumed		Total Expenditures (billion dollars)	
		(trillion Btu)	(billion gallons)		
RSE Column Factor:	1.0	1.0 <sup>1</sup>	1.0 <sup>1</sup>	1.0 <sup>1</sup>	

**Household Size**

1 Person .....	0.2	1.9	0.02	0.02	33.3
2 to 4 Persons .....	0.7	11.1	0.12	0.13	18.8
5 or More Persons .....	0.2	4.1	0.04	0.05	32.6

<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: • Data in the South Atlantic, East South Central, and West South Central Divisions are not presented separately due to a scarcity of data. • 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 D of the 1993 Residential Energy Consumption Survey.

**Table 79. Electricity and Natural Gas Consumption and Expenditures for Main Water Heating, per South Region 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:	1.7	0.8 <sup>1</sup>	0.8 <sup>1</sup>	0.9 <sup>1</sup>	0.6 <sup>1</sup>	2.3	0.9 <sup>1</sup>	0.9 <sup>1</sup>	1.1 <sup>1</sup>	0.9 <sup>1</sup>	

**South Region**

<b>Total Region</b> .....	19.2	8.6	2,532	190	997	12.7	25.7	25.0	159	9.3	2.9
<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	NF
Under 5,500 HDD .....	9.6	9.4	2,746	197	1,100	5.3	27.2	26.5	180	10.0	4.2
2,000 CDD or More and Under 4,000 HDD .....	9.6	7.9	2,318	184	899	7.3	24.6	23.9	144	8.9	4.3
<b>Type of Housing Unit</b>											
Single-Family .....	12.7	9.3	2,713	200	1,005	10.7	26.5	25.8	163	9.3	3.4
Mobile Home .....	2.3	9.5	2,778	208	961	0.2	19.6	19.0	114	6.8	9.0
Multifamily (2 or more units) .....	4.2	6.3	1,843	150	997	1.7	21.5	20.9	137	10.4	6.2
<b>Heated Floorspace (square feet)</b>											
Fewer than 1,000 .....	6.5	7.2	2,113	163	1,007	3.3	22.0	21.4	137	9.7	4.9
1,000 to 1,999 .....	8.8	9.3	2,732	205	990	6.3	25.6	24.9	158	9.0	3.5
2,000 or More .....	4.0	9.5	2,773	203	1,002	3.0	29.8	29.0	184	9.6	4.7
<b>Ownership of Unit</b>											
Owned .....	12.8	9.0	2,645	195	994	8.8	25.8	25.1	159	9.3	3.5
Rented .....	6.4	7.9	2,305	181	1,004	3.8	25.4	24.7	158	9.5	4.5
<b>Year of Construction</b>											
1939 or Before .....	1.2	8.3	2,432	174	986	2.0	24.5	23.8	149	10.3	8.4
1940 to 1979 .....	10.1	8.6	2,512	189	1,020	7.5	25.0	24.3	153	9.3	3.7
1980 or After <sup>3</sup> .....	8.0	8.8	2,571	195	973	3.2	28.0	27.2	179	9.1	4.7
<b>1993 Family Income</b>											
Less than \$10,000 .....	3.1	6.5	1,896	149	988	2.4	21.2	20.6	131	10.0	6.4
\$10,000 to \$19,999 .....	4.1	8.2	2,414	182	959	2.6	23.6	23.0	143	9.2	5.2
\$20,000 to \$34,999 .....	5.0	8.8	2,585	192	1,011	2.6	25.4	24.7	155	9.5	4.5
\$35,000 to \$49,999 .....	3.3	9.2	2,688	199	1,007	2.3	27.9	27.2	173	8.9	5.0
\$50,000 or More .....	3.7	10.2	2,981	225	1,015	2.8	29.9	29.1	189	9.3	5.2
<b>Below Poverty Line</b>											
100 Percent .....	3.0	7.9	2,307	178	910	2.4	24.9	24.3	153	8.6	6.0
125 Percent .....	4.1	8.1	2,370	182	921	2.9	24.6	24.0	151	8.7	5.2
150 Percent .....	5.3	8.3	2,435	186	931	3.7	24.3	23.7	149	8.7	5.0
<b>Age of Householder</b>											
Under 35 Years .....	5.3	9.3	2,721	206	988	3.4	26.6	25.8	165	8.7	4.7
35 to 59 Years .....	8.7	10.0	2,942	220	1,016	5.6	28.7	27.9	179	9.3	3.5
60 Years and Over .....	5.2	5.6	1,653	126	960	3.6	20.1	19.6	122	10.3	4.4
<b>Household Size</b>											
1 Person .....	4.6	4.2	1,243	98	1,243	2.9	16.3	15.9	101	15.9	4.7
2 to 4 Persons .....	12.7	9.4	2,767	207	1,033	8.3	26.9	26.2	167	9.5	3.1
5 or More Persons .....	1.9	14.0	4,106	304	764	1.4	36.9	35.9	224	6.5	5.6

See footnotes at end of table.

**Table 79. Electricity and Natural Gas Consumption and Expenditures for Main Water Heating, per South Region 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:	1.7	0.8 <sup>1</sup>	0.8 <sup>1</sup>	0.9 <sup>1</sup>	0.6 <sup>1</sup>	2.3	0.9 <sup>1</sup>	0.9 <sup>1</sup>	1.1 <sup>1</sup>	0.9 <sup>1</sup>	

**South Region**

<b>Average Electricity Expenditures (cents per kWh)</b>											
Less than 6 .....	2.6	11.1	3,265	182	1,226	--	--	--	--	--	5.2
6 to Less than 9 .....	14.1	8.7	2,550	197	978	--	--	--	--	--	3.1
9 or More .....	2.5	5.7	1,684	163	833	--	--	--	--	--	7.3
<b>Average Natural Gas Expenditures (dollars per 1000 cf)</b>											
Less than 4.50 .....	--	--	--	--	--	Q	31.4	30.5	128	13.0	7.6
4.50 to Less than 6 .....	--	--	--	--	--	4.1	28.1	27.3	146	10.2	5.5
6 or More .....	--	--	--	--	--	7.9	23.9	23.3	168	8.6	3.7
<b>Water Heater Used</b>											
For One Housing Unit .....	18.8	8.7	2,549	192	997	12.0	25.9	25.2	160	9.3	3.0
For Two or More Units .....	0.4	5.9	1,726	130	1,030	0.7	21.5	21.0	136	10.9	13.8
<b>Age of Water Heater (for one housing unit)</b>											
Less than 5 Years .....	5.3	8.9	2,619	198	987	4.1	26.5	25.7	165	9.3	4.4
5 to 9 Years .....	5.1	9.0	2,630	197	988	2.7	26.9	26.2	170	9.6	4.8
10 to 19 Years .....	4.2	8.8	2,569	189	993	2.4	26.2	25.5	159	9.2	5.6
20 Years or More .....	1.3	7.4	2,170	169	1,008	0.6	21.2	20.6	129	9.6	9.5
Don't Know/No Separate Unit .....	2.9	8.3	2,419	185	1,036	2.1	24.7	24.0	148	8.8	6.1
<b>Size of Water Heater (for one housing unit)</b>											
30 gallons or less .....	5.0	7.3	2,144	164	972	2.4	22.3	21.7	133	8.8	5.0
31 to 49 gallons .....	9.4	8.8	2,571	194	982	6.7	26.1	25.4	162	9.5	3.9
50 gallons or more .....	3.4	10.9	3,208	235	1,089	2.1	29.6	28.8	185	9.3	4.9
Don't Know/No Separate Unit .....	1.0	7.3	2,154	167	886	0.7	25.5	24.8	157	9.1	8.3
<b>Clothes Washer</b>											
Yes .....	15.2	9.3	2,719	202	1,000	10.6	26.4	25.7	162	9.2	3.2
No .....	4.0	6.2	1,828	148	986	2.0	22.0	21.4	140	10.0	5.3
<b>Dishwasher</b>											
Yes .....	9.2	9.1	2,658	198	1,038	6.0	27.8	27.1	171	9.5	4.2
No .....	10.0	8.2	2,414	183	959	6.7	23.7	23.1	147	9.1	4.0
<b>Children Present in Household</b>											
No .....	11.9	6.7	1,973	150	1,129	7.1	21.2	20.6	130	12.0	3.2
Yes .....	7.3	11.8	3,450	257	899	5.5	31.5	30.6	196	7.8	3.3
<b>(more than one may apply)</b>											
Under 13 Years .....	5.5	11.6	3,413	254	862	4.4	31.4	30.6	195	7.5	3.5
13 to 18 Years .....	3.2	12.9	3,773	277	938	2.3	33.6	32.7	210	8.1	4.5

See footnotes at end of table.

**Table 79. Electricity and Natural Gas Consumption and Expenditures for Main Water Heating, per South Region 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:	1.7	0.8 <sup>1</sup>	0.8 <sup>1</sup>	0.9 <sup>1</sup>	0.6 <sup>1</sup>	2.3	0.9 <sup>1</sup>	0.9 <sup>1</sup>	1.1 <sup>1</sup>	0.9 <sup>1</sup>	
<b>South Atlantic Division</b> .....	12.1	8.0	2,349	188	932	4.4	25.0	24.3	184	9.4	3.4
<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 .....	6.1	9.1	2,666	208	1,072	3.2	26.7	26.0	194	9.7	4.2
2,000 CDD or More and Under 4,000 HDD .....	5.9	6.9	2,023	167	792	1.2	20.6	20.1	159	8.5	5.7
<b>Type of Housing Unit</b>											
Single-Family .....	7.9	8.5	2,493	198	932	3.5	25.6	24.9	189	9.2	4.0
Mobile Home .....	1.4	8.9	2,615	205	922	Q	Q	Q	Q	Q	10.0
Multifamily (2 or more units) .....	2.8	6.1	1,802	150	944	0.8	22.9	22.3	165	10.2	8.1
<b>Heated Floorspace (square feet)</b>											
Fewer than 1,000 .....	4.1	6.8	1,991	163	939	1.1	22.7	22.1	165	10.4	6.7
1,000 to 1,999 .....	5.5	8.5	2,487	199	922	2.0	24.1	23.4	182	8.9	4.3
2,000 or More .....	2.5	9.0	2,635	206	946	1.3	28.3	27.6	202	9.5	6.0
<b>Ownership of Unit</b>											
Owned .....	7.9	8.1	2,388	188	919	3.0	25.0	24.3	184	9.0	4.2
Rented .....	4.2	7.8	2,277	187	960	1.4	25.2	24.5	184	10.2	5.6
<b>Year of Construction</b>											
1939 or Before .....	0.7	8.8	2,576	192	942	0.7	28.4	27.6	200	10.2	12.5
1940 to 1979 .....	6.2	7.9	2,324	187	955	2.6	23.6	23.0	170	9.4	5.1
1980 or After <sup>3</sup> .....	5.2	8.0	2,350	188	906	1.1	26.3	25.6	206	8.9	7.1
<b>1993 Family Income</b>											
Less than \$10,000 .....	1.9	6.6	1,927	161	972	0.8	23.7	23.1	170	10.0	9.9
\$10,000 to \$19,999 .....	2.6	7.9	2,313	183	897	0.8	22.3	21.7	163	9.8	6.5
\$20,000 to \$34,999 .....	2.9	7.7	2,257	182	907	0.9	24.7	24.0	182	10.0	5.8
\$35,000 to \$49,999 .....	2.1	8.2	2,398	188	916	0.8	24.0	23.4	186	8.2	6.4
\$50,000 or More .....	2.5	9.5	2,782	221	982	1.2	28.6	27.8	206	9.3	6.0
<b>Below Poverty Line</b>											
100 Percent .....	1.9	7.3	2,153	180	853	0.7	26.4	25.7	189	9.5	9.0
125 Percent .....	2.5	7.6	2,240	183	872	0.8	25.2	24.5	181	9.4	7.9
150 Percent .....	3.4	7.9	2,310	187	876	1.1	24.8	24.1	179	9.4	7.2
<b>Age of Householder</b>											
Under 35 Years .....	3.2	8.4	2,468	201	912	1.1	28.3	27.6	205	9.3	7.0
35 to 59 Years .....	5.4	9.5	2,772	218	957	2.1	26.3	25.5	196	9.3	4.5
60 Years and Over .....	3.5	5.4	1,589	128	899	1.2	19.6	19.1	141	9.8	6.3
<b>Household Size</b>											
1 Person .....	2.8	4.0	1,167	96	1,167	0.9	16.7	16.2	122	16.2	6.4
2 to 4 Persons .....	8.0	8.7	2,559	204	968	3.1	25.9	25.2	191	9.2	3.8
5 or More Persons .....	1.2	12.9	3,769	301	706	0.4	38.6	37.6	276	6.9	9.0

See footnotes at end of table.

**Table 79. Electricity and Natural Gas Consumption and Expenditures for Main Water Heating, per South Region 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:	1.7	0.8 <sup>1</sup>	0.8 <sup>1</sup>	0.9 <sup>1</sup>	0.6 <sup>1</sup>	2.3	0.9 <sup>1</sup>	0.9 <sup>1</sup>	1.1 <sup>1</sup>	0.9 <sup>1</sup>	
<b>East South Central Division</b> .....	3.9	9.9	2,909	178	1,120	1.8	26.8	26.1	152	10.0	7.5
<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 .....	3.2	9.9	2,889	174	1,143	Q	27.4	26.7	159	10.1	8.6
2,000 CDD or More and Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>											
Single-Family .....	2.9	10.3	3,026	183	1,138	1.6	27.7	27.0	157	10.0	10.5
Mobile Home .....	0.6	10.0	2,942	187	1,021	Q	Q	Q	Q	Q	8.5
Multifamily (2 or more units) .....	0.5	7.3	2,153	138	1,152	0.2	19.8	19.3	117	11.2	13.2
<b>Heated Floorspace (square feet)</b>											
Fewer than 1,000 .....	1.2	8.7	2,539	157	1,149	0.5	20.9	20.3	120	11.1	11.2
1,000 to 1,999 .....	1.8	10.8	3,178	196	1,110	0.7	27.7	26.9	156	9.9	8.3
2,000 or More .....	0.8	9.8	2,875	172	1,106	0.6	30.6	29.8	172	9.7	12.6
<b>Ownership of Unit</b>											
Owned .....	3.0	10.3	3,009	183	1,118	1.4	26.9	26.1	153	9.8	8.9
Rented .....	0.9	8.8	2,594	164	1,127	0.4	26.7	26.0	148	11.0	8.6
<b>Year of Construction</b>											
1939 or Before .....	0.4	7.4	2,157	141	1,036	Q	29.1	28.3	145	12.6	24.8
1940 to 1979 .....	2.2	9.6	2,824	172	1,124	1.1	23.9	23.3	139	8.8	10.4
1980 or After <sup>3</sup> .....	1.3	11.1	3,255	198	1,130	0.3	35.0	34.1	211	11.7	8.7
<b>1993 Family Income</b>											
Less than \$10,000 .....	0.8	6.4	1,865	121	1,005	0.4	20.1	19.6	116	10.4	10.1
\$10,000 to \$19,999 .....	0.8	8.8	2,584	163	1,074	0.3	26.2	25.5	140	9.7	8.1
\$20,000 to \$34,999 .....	1.2	11.6	3,394	207	1,176	0.4	23.4	22.7	127	9.6	7.5
\$35,000 to \$49,999 .....	0.6	11.2	3,292	195	1,165	0.3	29.4	28.6	167	9.5	11.9
\$50,000 or More .....	0.6	11.4	3,345	199	1,109	0.4	36.1	35.1	213	10.8	10.0
<b>Below Poverty Line</b>											
100 Percent .....	0.7	8.7	2,545	163	1,030	0.4	25.5	24.8	140	9.9	10.4
125 Percent .....	1.0	8.6	2,506	160	1,023	0.4	24.7	24.0	137	9.8	10.0
150 Percent .....	1.2	8.9	2,619	167	1,048	0.5	24.9	24.2	138	9.8	10.4
<b>Age of Householder</b>											
Under 35 Years .....	1.1	11.7	3,420	209	1,136	0.3	24.8	24.1	151	9.7	7.5
35 to 59 Years .....	1.7	11.4	3,355	205	1,114	0.8	33.1	32.2	189	10.1	7.1
60 Years and Over .....	1.2	6.1	1,802	112	1,107	0.6	19.5	19.0	102	10.2	10.1
<b>Household Size</b>											
1 Person .....	0.9	4.4	1,283	84	1,283	0.5	16.6	16.2	94	16.2	8.7
2 to 4 Persons .....	2.7	10.9	3,188	195	1,150	1.1	28.4	27.7	160	10.3	8.2
5 or More Persons .....	0.4	16.4	4,804	286	928	0.2	39.5	38.4	227	7.2	8.1

See footnotes at end of table.



**Table 79. Electricity and Natural Gas Consumption and Expenditures for Main Water Heating, per South Region 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:	1.7	0.8 <sup>1</sup>	0.8 <sup>1</sup>	0.9 <sup>1</sup>	0.6 <sup>1</sup>	2.3	0.9 <sup>1</sup>	0.9 <sup>1</sup>	1.1 <sup>1</sup>	0.9 <sup>1</sup>	
<b>West South Central Division</b> .....	3.2	9.4	2,754	214	1,087	6.5	25.8	25.1	144	9.1	5.8
<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	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 .....	3.0	9.4	2,744	215	1,076	5.6	25.4	24.7	142	8.9	6.6
<b>Type of Housing Unit</b>											
Single-Family .....	2.0	10.7	3,143	236	1,099	5.6	26.7	26.0	149	9.1	6.1
Mobile Home .....	0.3	10.9	3,199	265	1,016	Q	20.0	19.4	117	6.2	21.6
Multifamily (2 or more units) .....	1.0	6.2	1,812	155	1,088	0.7	20.3	19.7	109	10.4	11.4
<b>Heated Floorspace (square feet)</b>											
Fewer than 1,000 .....	1.1	7.1	2,082	173	1,095	1.7	21.8	21.2	124	9.0	9.9
1,000 to 1,999 .....	1.4	10.6	3,110	241	1,084	3.6	26.1	25.4	145	9.0	7.0
2,000 or More .....	0.7	10.7	3,146	230	1,081	1.2	31.0	30.1	170	9.8	8.4
<b>Ownership of Unit</b>											
Owned .....	2.0	10.6	3,114	240	1,092	4.5	26.1	25.4	145	9.3	6.3
Rented .....	1.3	7.4	2,183	174	1,075	2.0	25.2	24.5	142	8.8	9.6
<b>Year of Construction</b>											
1939 or Before .....	0.1	8.3	2,433	170	1,140	0.9	19.7	19.2	113	9.2	7.7
1940 to 1979 .....	1.7	9.5	2,790	217	1,113	3.8	26.3	25.6	144	9.3	6.3
1980 or After <sup>3</sup> .....	1.4	9.4	2,742	216	1,052	1.8	27.9	27.2	158	8.7	8.4
<b>1993 Family Income</b>											
Less than \$10,000 .....	0.4	6.2	1,808	145	1,040	1.3	20.1	19.5	113	9.8	12.4
\$10,000 to \$19,999 .....	0.7	8.9	2,597	200	1,078	1.5	23.8	23.2	134	8.8	9.5
\$20,000 to \$34,999 .....	0.9	8.8	2,584	206	1,103	1.3	26.5	25.8	147	9.3	9.8
\$35,000 to \$49,999 .....	0.7	10.4	3,058	233	1,138	1.1	30.3	29.5	165	9.2	8.1
\$50,000 or More .....	0.6	11.8	3,444	267	1,049	1.2	29.2	28.4	165	8.9	11.1
<b>Below Poverty Line</b>											
100 Percent .....	0.4	8.9	2,601	196	960	1.3	24.0	23.4	138	7.9	12.2
125 Percent .....	0.6	9.2	2,705	212	964	1.6	24.3	23.7	139	8.1	10.8
150 Percent .....	0.8	9.2	2,702	212	994	2.0	24.0	23.3	136	8.1	10.1
<b>Age of Householder</b>											
Under 35 Years .....	1.1	9.5	2,774	215	1,052	1.9	25.9	25.2	144	8.2	8.2
35 to 59 Years .....	1.6	10.5	3,079	239	1,112	2.7	29.3	28.5	162	9.2	6.7
60 Years and Over .....	0.5	5.9	1,739	140	1,065	1.9	20.7	20.1	117	10.6	10.5
<b>Household Size</b>											
1 Person .....	0.9	5.0	1,451	117	1,451	1.5	16.0	15.6	90	15.6	10.2
2 to 4 Persons .....	2.0	10.3	3,031	237	1,127	4.2	27.3	26.6	152	9.6	5.5
5 or More Persons .....	0.3	15.5	4,557	338	791	0.8	35.4	34.5	199	6.1	9.2

<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.

-- = 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 80. LPG Consumption and Expenditures for Main Water Heating, per South Region Households, 1993**

Characteristics	Liquefied Petroleum Gas					RSE Row Factors
	Households (million)	Consumption		Expenditures (dollars)	LPG Water-Heating Intensity (gallons per household member)	
		(million Btu)	(gallons)			
	RSE Column Factor:	1.7	0.9 <sup>1</sup>	0.9 <sup>1</sup>	0.9 <sup>1</sup>	
<b>Total Region</b> .....	1.1	15.8	173	175	65	11.0
South Atlantic Division .....	0.4	17.0	186	223	64	13.1
West South Central Division .....	0.2	17.3	189	162	69	8.7
West South Central Division .....	0.4	13.6	149	131	63	35.8
<b>Climate Zone<sup>2</sup></b>						
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	0.4	19.8	216	213	79	18.6
2,000 CDD or More and Under 4,000 HDD .....	0.7	13.7	150	154	57	12.6
<b>Type of Housing Unit</b>						
Single-Family .....	1.0	15.8	173	175	65	11.4
Mobile Home .....	Q	Q	Q	Q	Q	NF
Multifamily (2 or more units) .....	Q	Q	Q	Q	Q	NF
<b>Heated Floorspace (square feet)</b>						
Fewer than 1,000 .....	0.3	12.8	140	138	54	21.9
1,000 to 1,999 .....	0.6	16.7	183	187	69	12.4
2,000 or More .....	0.2	17.8	195	199	70	23.2
<b>Ownership of Unit</b>						
Owned .....	0.9	15.5	170	170	67	13.0
Rented .....	Q	Q	Q	Q	Q	NF
<b>Year of Construction</b>						
1939 or Before .....	0.2	16.3	179	164	90	28.0
1940 to 1979 .....	0.7	15.0	164	171	58	10.0
1980 or After <sup>3</sup> .....	0.1	19.1	209	218	69	22.9
<b>1993 Family Income</b>						
Less than \$10,000 .....	0.3	11.3	123	135	67	31.3
\$10,000 to \$19,999 .....	0.2	13.4	146	142	55	20.4
\$20,000 to \$34,999 .....	0.3	18.4	201	204	62	7.2
\$35,000 to \$49,999 .....	0.1	16.4	179	170	77	26.5
\$50,000 or More .....	0.1	21.3	234	240	71	28.2
<b>Below Poverty Line</b>						
100 Percent .....	0.3	13.6	149	162	68	28.3
125 Percent .....	0.4	14.1	154	159	55	23.2
150 Percent .....	0.5	14.2	155	160	53	18.6
<b>Age of Householder</b>						
Under 35 Years .....	0.1	20.0	219	221	54	20.7
35 to 59 Years .....	0.6	17.3	189	191	65	14.8
60 Years and Over .....	0.3	11.5	126	129	74	18.1
<b>Household Size</b>						
1 Person .....	0.2	8.8	96	92	96	24.3
2 to 4 Persons .....	0.7	15.8	173	180	67	11.4
5 or More Persons .....	0.1	27.1	297	284	51	14.3

See footnotes at end of table.

**Table 80. LPG Consumption and Expenditures for Main Water Heating, per South Region Households, 1993 (Continued)**

Characteristics	Liquefied Petroleum Gas					RSE Row Factors
	Households (million)	Consumption		Expenditures (dollars)	LPG Water-Heating Intensity (gallons per household member)	
		(million Btu)	(gallons)			
RSE Column Factor:	1.7	0.9 <sup>1</sup>	0.9 <sup>1</sup>	0.9 <sup>1</sup>	0.8 <sup>1</sup>	

**Average Fuel Oil Expenditures (dollars per gallon)**

Less than 0.95 .....	1.1	15.8	173	175	65	11.0
0.95 to Less than 1.10 .....	Q	Q	Q	Q	Q	NF
1.10 or More .....	Q	Q	Q	Q	Q	NF

**Average LPG Expenditures (dollars per gallon)**

Less than 0.75 .....	Q	Q	Q	Q	Q	NF
0.75 to Less than 1.00 .....	0.6	14.9	164	150	57	12.8
1.00 or More .....	0.4	16.3	179	230	74	14.7

**Water Heater Used**

For One Housing Unit .....	1.1	15.8	173	175	65	11.1
For Two or More Units .....	Q	Q	Q	Q	Q	NF

**Age of Water Heater (for one housing unit)**

Less than 5 Years .....	0.3	14.3	157	151	53	19.2
5 to 9 Years .....	0.3	15.1	165	166	68	26.1
10 to 19 Years .....	0.3	17.7	193	196	69	10.9
20 Years or More .....	Q	Q	Q	Q	Q	NF
Don't Know/No Separate Unit .....	Q	Q	Q	Q	Q	NF

**Size of Water Heater (for one housing unit)**

30 gallons or less .....	0.3	10.9	119	126	64	18.4
31 to 49 gallons .....	0.5	18.9	207	202	64	11.8
50 gallons or more .....	0.1	13.7	150	165	61	32.4
Don't Know/No Separate Unit .....	Q	Q	Q	Q	Q	NF

**Clothes Washer Present in Household**

Yes .....	0.9	16.2	177	181	63	10.1
No .....	Q	13.2	145	137	85	38.3

**Dishwasher Present in Household**

Yes .....	0.3	20.0	219	206	74	14.7
No .....	0.7	13.9	152	161	60	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: • Data in the South Atlantic, East South Central, and West South Central Divisions are not presented separately due to a scarcity of data. • 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 D of the 1993 Residential Energy Consumption Survey.

**Table 81. Total Consumption and Expenditures for Appliances in South Region 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:	0.4	0.4 <sup>1</sup>	0.4 <sup>1</sup>	0.5 <sup>1</sup>	1.1	1.2 <sup>1</sup>	1.2 <sup>1</sup>	1.2 <sup>1</sup>	1.9	2.0 <sup>1</sup>	2.0 <sup>1</sup>	2.0 <sup>1</sup>	
<b>South Region</b>													
<b>Total Region</b> .....	33.4	636.1	186.4	14.51	8.7	76.9	75	0.47	2.4	14.5	0.16	0.21	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 .....	15.6	288.7	84.6	6.31	3.5	27.8	27	0.18	0.9	5.2	0.06	0.08	19.3
2,000 CDD or More and Under 4,000 HDD .....	17.8	347.4	101.8	8.20	5.3	49.1	48	0.29	1.5	9.3	0.10	0.13	14.0
<b>Type of Housing Unit</b>													
Single-Family .....	24.8	533.1	156.2	12.10	7.5	68.9	67	0.42	1.6	8.9	0.10	0.13	7.9
Mobile Home .....	2.6	44.9	13.2	0.99	0.3	1.9	2	0.01	0.7	5.4	0.06	0.08	22.9
Multifamily (2 or more units) ..	6.1	58.2	17.1	1.41	0.9	6.1	6	0.04	Q	Q	Q	Q	26.0
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	10.3	123.9	36.3	2.89	2.5	16.4	16	0.11	1.0	5.9	0.06	0.09	11.7
1,000 to 1,999 .....	15.8	318.1	93.2	7.31	4.4	36.5	35	0.23	1.0	5.8	0.06	0.08	9.1
2,000 or More .....	7.3	194.1	56.9	4.31	1.9	24.0	23	0.14	0.3	2.8	0.03	0.04	11.6
<b>Ownership of Unit</b>													
Owned .....	22.8	501.0	146.8	11.32	6.4	57.9	56	0.35	1.8	11.5	0.13	0.16	8.4
Rented .....	10.6	135.1	39.6	3.19	2.4	19.0	18	0.12	0.6	3.0	0.03	0.05	11.8
<b>Year of Construction</b>													
1939 or Before .....	3.5	56.3	16.5	1.27	1.6	13.4	13	0.08	0.3	1.4	0.02	0.02	18.7
1940 to 1979 .....	18.6	355.2	104.1	8.06	4.9	41.7	41	0.26	1.4	7.9	0.09	0.11	8.1
1980 or After <sup>3</sup> .....	11.3	224.6	65.8	5.18	2.3	21.8	21	0.14	0.6	5.2	0.06	0.08	11.8
<b>1993 Family Income</b>													
Less than \$10,000 .....	6.0	72.2	21.2	1.70	1.8	12.3	12	0.08	0.5	1.9	0.02	0.03	13.8
\$10,000 to \$19,999 .....	7.0	110.8	32.5	2.52	2.0	15.7	15	0.10	0.7	4.8	0.05	0.07	13.9
\$20,000 to \$34,999 .....	8.0	154.5	45.3	3.48	1.8	17.0	17	0.11	0.7	4.0	0.04	0.05	11.9
\$35,000 to \$49,999 .....	5.8	127.7	37.4	2.90	1.5	13.5	13	0.08	0.2	1.6	0.02	0.02	15.1
\$50,000 or More .....	6.7	170.9	50.1	3.91	1.6	18.3	18	0.11	0.3	2.2	0.02	0.04	12.8
<b>Below Poverty Line</b>													
100 Percent .....	5.9	80.7	23.7	1.89	1.9	15.3	15	0.09	0.6	2.7	0.03	0.04	11.8
125 Percent .....	7.6	111.1	32.6	2.58	2.3	19.9	19	0.12	0.9	3.7	0.04	0.06	11.8
150 Percent .....	9.7	145.3	42.6	3.35	2.9	23.7	23	0.15	1.0	4.6	0.05	0.07	11.5
<b>Age of Householder</b>													
Under 35 Years .....	8.9	148.9	43.6	3.41	2.2	17.5	17	0.11	0.5	3.1	0.03	0.05	11.9
35 to 59 Years .....	15.1	330.2	96.8	7.47	4.0	38.6	38	0.24	1.2	7.3	0.08	0.10	8.9
60 Years and Over .....	9.4	157.0	46.0	3.64	2.5	20.7	20	0.12	0.7	4.1	0.05	0.06	13.6
<b>Household Size</b>													
1 Person .....	8.0	84.7	24.8	2.00	1.9	10.4	10	0.07	0.6	3.1	0.03	0.05	13.4
2 to 4 Persons .....	22.0	452.2	132.5	10.30	5.8	53.6	52	0.33	1.4	7.4	0.08	0.11	7.8
5 or More Persons .....	3.5	99.3	29.1	2.21	1.0	12.8	12	0.08	0.4	4.0	0.04	0.05	14.9

See footnotes at end of table.

**Table 81. Total Consumption and Expenditures for Appliances in South Region Households, 1993 (Continued)**

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:	0.4	0.4 <sup>1</sup>	0.4 <sup>1</sup>	0.5 <sup>1</sup>	1.1	1.2 <sup>1</sup>	1.2 <sup>1</sup>	1.2 <sup>1</sup>	1.9	2.0 <sup>1</sup>	2.0 <sup>1</sup>	2.0 <sup>1</sup>	
<b>South Atlantic Division</b> .....	17.3	309.8	90.8	7.39	2.9	22.6	22	0.17	1.4	9.0	0.10	0.16	11.2
<b>Climate Zone<sup>2</sup></b>													
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	9.8	171.8	50.3	4.06	2.2	17.5	17	0.13	0.6	3.2	0.04	0.06	14.7
2,000 CDD or More and Under 4,000 HDD .....	7.5	138.0	40.4	3.33	0.8	5.2	5	0.04	0.8	5.8	0.06	0.10	13.7
<b>Type of Housing Unit</b>													
Single-Family .....	12.1	248.3	72.8	5.91	2.3	18.4	18	0.14	0.9	5.3	0.06	0.09	12.2
Mobile Home .....	1.4	23.6	6.9	0.54	Q	Q	Q	Q	0.5	3.6	0.04	0.06	27.7
Multifamily (2 or more units) ..	3.7	37.9	11.1	0.94	0.5	3.7	4	0.03	Q	Q	Q	Q	36.7
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	5.4	62.2	18.2	1.50	0.8	5.4	5	0.04	0.6	4.0	0.04	0.07	17.7
1,000 to 1,999 .....	7.9	150.0	44.0	3.61	1.2	9.2	9	0.07	0.6	2.9	0.03	0.05	14.3
2,000 or More .....	3.9	97.5	28.6	2.28	0.9	8.0	8	0.06	0.2	2.2	0.02	0.04	16.5
<b>Ownership of Unit</b>													
Owned .....	11.4	236.7	69.4	5.61	2.0	15.7	15	0.12	0.9	6.7	0.07	0.11	12.4
Rented .....	5.9	73.0	21.4	1.78	0.9	6.9	7	0.05	0.5	2.3	0.03	0.05	16.0
<b>Year of Construction</b>													
1939 or Before .....	1.5	24.8	7.3	0.58	0.5	4.6	4	0.03	Q	Q	Q	Q	33.1
1940 to 1979 .....	9.4	170.0	49.8	4.05	1.7	12.4	12	0.09	0.8	4.9	0.05	0.08	13.8
1980 or After <sup>3</sup> .....	6.4	115.0	33.7	2.75	0.7	5.7	6	0.04	0.4	3.5	0.04	0.06	15.8
<b>1993 Family Income</b>													
Less than \$10,000 .....	2.9	32.0	9.4	0.79	0.5	3.7	4	0.03	0.2	1.0	0.01	0.02	20.5
\$10,000 to \$19,999 .....	3.5	53.0	15.5	1.25	0.6	4.1	4	0.03	0.5	3.4	0.04	0.06	21.2
\$20,000 to \$34,999 .....	4.0	71.9	21.1	1.71	0.6	4.4	4	0.03	0.3	1.6	0.02	0.03	16.0
\$35,000 to \$49,999 .....	3.0	61.6	18.1	1.46	0.6	3.6	3	0.03	0.1	1.0	0.01	0.02	21.4
\$50,000 or More .....	3.9	91.3	26.7	2.16	0.7	6.8	7	0.05	0.2	2.0	0.02	0.03	16.4
<b>Below Poverty Line</b>													
100 Percent .....	2.8	34.1	10.0	0.85	0.4	3.7	4	0.03	0.3	1.3	0.01	0.03	19.6
125 Percent .....	3.7	48.6	14.3	1.18	0.6	4.6	4	0.03	0.5	2.1	0.02	0.04	17.4
150 Percent .....	4.8	66.9	19.6	1.61	0.7	5.7	6	0.04	0.6	2.6	0.03	0.05	16.0
<b>Age of Householder</b>													
Under 35 Years .....	4.4	67.9	19.9	1.64	0.7	5.9	6	0.04	0.4	2.2	0.02	0.04	17.9
35 to 59 Years .....	7.9	163.0	47.8	3.85	1.5	12.2	12	0.09	0.6	4.0	0.04	0.07	12.8
60 Years and Over .....	5.0	78.8	23.1	1.90	0.7	4.5	4	0.03	0.4	Q	Q	Q	18.1
<b>Household Size</b>													
1 Person .....	4.0	39.1	11.5	0.96	0.6	2.5	2	0.02	0.3	Q	Q	Q	18.5
2 to 4 Persons .....	11.6	226.8	66.5	5.39	2.1	17.9	17	0.13	0.9	4.9	0.05	0.08	10.6
5 or More Persons .....	1.7	43.8	12.8	1.03	0.2	2.3	2	0.02	0.3	2.1	0.02	0.04	28.5

See footnotes at end of table.

**Table 81. Total Consumption and Expenditures for Appliances in South Region Households, 1993 (Continued)**

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:	0.4	0.4 <sup>1</sup>	0.4 <sup>1</sup>	0.5 <sup>1</sup>	1.1	1.2 <sup>1</sup>	1.2 <sup>1</sup>	1.2 <sup>1</sup>	1.9	2.0 <sup>1</sup>	2.0 <sup>1</sup>	2.0 <sup>1</sup>	
<b>East South Central Division</b>	6.0	123.5	36.2	2.29	1.1	10.3	10	0.05	0.5	2.9	0.03	0.03	13.4
<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 .....	4.7	96.0	28.1	1.74	Q	Q	Q	Q	Q	Q	Q	Q	52.3
2,000 CDD or More and Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>													
Single-Family .....	4.7	105.9	31.0	1.96	0.9	9.0	9	0.05	0.3	2.1	0.02	0.02	14.0
Mobile Home .....	0.7	11.7	3.4	0.22	Q	Q	Q	Q	0.2	0.7	0.01	0.01	16.0
Multifamily (2 or more units) ..	0.6	5.8	1.7	0.11	Q	Q	Q	Q	Q	Q	Q	Q	53.8
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	1.8	24.8	7.3	0.47	0.4	2.5	2	0.01	0.2	1.3	0.01	0.01	24.9
1,000 to 1,999 .....	2.7	59.8	17.5	1.12	0.4	3.2	3	0.02	0.2	1.1	0.01	0.01	15.1
2,000 or More .....	1.5	38.8	11.4	0.70	0.3	4.5	4	0.02	Q	Q	Q	Q	21.8
<b>Ownership of Unit</b>													
Owned .....	4.6	104.6	30.6	1.93	0.8	8.0	8	0.04	0.4	2.5	0.03	0.03	13.6
Rented .....	1.4	18.9	5.5	0.37	0.3	2.3	2	0.01	Q	Q	Q	Q	19.3
<b>Year of Construction</b>													
1939 or Before .....	0.9	13.6	4.0	0.26	0.3	Q	Q	0.02	Q	Q	Q	Q	38.8
1940 to 1979 .....	3.5	74.6	21.9	1.39	0.6	4.2	4	0.02	0.3	1.4	0.02	0.02	13.7
1980 or After <sup>3</sup> .....	1.6	35.2	10.3	0.64	0.2	2.2	2	Q	0.1	Q	Q	Q	21.8
<b>1993 Family Income</b>													
Less than \$10,000 .....	1.2	16.6	4.9	0.34	0.3	2.0	2	0.01	Q	0.7	0.01	0.01	28.8
\$10,000 to \$19,999 .....	1.2	21.7	6.4	0.41	0.2	1.8	2	0.01	0.2	0.9	0.01	0.01	18.1
\$20,000 to \$34,999 .....	1.7	36.6	10.7	0.67	0.3	1.8	2	0.01	0.2	0.9	0.01	0.01	18.8
\$35,000 to \$49,999 .....	0.9	22.5	6.6	0.40	0.1	1.5	1	0.01	Q	Q	Q	Q	30.2
\$50,000 or More .....	1.0	26.0	7.6	0.47	0.2	3.2	3	0.02	Q	Q	Q	Q	30.4
<b>Below Poverty Line</b>													
100 Percent .....	1.2	18.7	5.5	0.37	0.4	2.8	3	0.02	0.2	1.1	0.01	0.01	15.3
125 Percent .....	1.6	25.4	7.5	0.50	0.4	3.0	3	0.02	0.2	1.1	0.01	0.01	16.2
150 Percent .....	1.9	32.3	9.5	0.64	0.5	3.6	3	0.02	0.3	1.3	0.01	0.01	15.7
<b>Age of Householder</b>													
Under 35 Years .....	1.5	28.4	8.3	0.52	0.2	1.7	2	0.01	Q	Q	Q	Q	25.7
35 to 59 Years .....	2.6	62.5	18.3	1.16	0.5	4.7	5	0.03	0.2	1.2	0.01	0.01	17.2
60 Years and Over .....	1.9	32.5	9.5	0.61	0.3	Q	Q	0.02	0.2	1.0	0.01	Q	26.2
<b>Household Size</b>													
1 Person .....	1.4	16.7	4.9	0.34	0.3	1.5	1	0.01	Q	Q	Q	Q	30.6
2 to 4 Persons .....	3.9	85.2	25.0	1.57	0.7	7.2	7	0.04	0.3	1.2	0.01	0.01	18.3
5 or More Persons .....	0.6	21.6	6.3	0.39	0.1	1.7	2	Q	Q	Q	Q	Q	45.2

See footnotes at end of table.

**Table 81. Total Consumption and Expenditures for Appliances in South Region Households, 1993 (Continued)**

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:	0.4	0.4 <sup>1</sup>	0.4 <sup>1</sup>	0.5 <sup>1</sup>	1.1	1.2 <sup>1</sup>	1.2 <sup>1</sup>	1.2 <sup>1</sup>	1.9	2.0 <sup>1</sup>	2.0 <sup>1</sup>	2.0 <sup>1</sup>	
<b>West South Central Division</b>	10.1	202.9	59.5	4.83	4.7	44.0	43	0.25	0.5	2.6	0.03	0.02	12.6
<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	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 .....	8.9	182.0	53.3	4.32	4.2	39.6	39	0.23	Q	2.6	0.03	0.02	19.8
<b>Type of Housing Unit</b>													
Single-Family .....	8.0	178.9	52.4	4.24	4.3	41.5	40	0.24	Q	Q	Q	Q	10.6
Mobile Home .....	0.5	9.6	2.8	0.23	Q	Q	Q	Q	Q	Q	Q	Q	71.8
Multifamily (2 or more units) ..	1.7	14.5	4.2	0.36	0.3	1.5	1	0.01	Q	Q	Q	Q	33.7
<b>Heated Floorspace (square feet)</b>													
Fewer than 1,000 .....	3.0	36.9	10.8	0.91	1.2	8.5	8	0.05	Q	Q	Q	Q	15.0
1,000 to 1,999 .....	5.2	108.3	31.7	2.59	2.7	24.0	23	0.14	Q	Q	Q	0.02	13.1
2,000 or More .....	1.9	57.8	16.9	1.33	0.8	11.5	11	0.06	Q	Q	Q	Q	21.2
<b>Ownership of Unit</b>													
Owned .....	6.8	159.7	46.8	3.79	3.6	34.2	33	0.20	Q	2.3	0.03	0.02	16.0
Rented .....	3.3	43.2	12.7	1.04	1.2	9.8	9	0.06	Q	Q	Q	Q	19.7
<b>Year of Construction</b>													
1939 or Before .....	1.1	18.0	5.3	0.42	0.7	5.0	5	0.03	Q	Q	Q	Q	20.2
1940 to 1979 .....	5.7	110.5	32.4	2.62	2.7	25.1	24	0.14	Q	Q	Q	Q	9.2
1980 or After <sup>3</sup> .....	3.2	74.4	21.8	1.78	1.3	13.9	13	0.08	Q	Q	Q	Q	17.8
<b>1993 Family Income</b>													
Less than \$10,000 .....	1.8	23.5	6.9	0.57	1.0	6.6	6	0.04	Q	Q	Q	Q	19.8
\$10,000 to \$19,999 .....	2.3	36.1	10.6	0.85	1.2	9.8	10	0.06	Q	Q	Q	Q	20.2
\$20,000 to \$34,999 .....	2.3	46.1	13.5	1.10	0.9	10.8	11	0.06	Q	Q	Q	Q	18.4
\$35,000 to \$49,999 .....	1.9	43.6	12.8	1.04	0.8	8.4	8	0.05	Q	Q	Q	Q	22.5
\$50,000 or More .....	1.9	53.6	15.7	1.27	0.8	8.3	8	0.05	Q	Q	Q	Q	21.7
<b>Below Poverty Line</b>													
100 Percent .....	1.8	28.0	8.2	0.68	1.1	8.9	9	0.05	Q	Q	Q	Q	18.5
125 Percent .....	2.4	37.0	10.8	0.90	1.4	12.3	12	0.07	Q	Q	Q	Q	20.3
150 Percent .....	3.0	46.0	13.5	1.10	1.7	14.5	14	0.09	Q	Q	Q	Q	20.6
<b>Age of Householder</b>													
Under 35 Years .....	3.0	52.5	15.4	1.24	1.2	9.9	10	0.06	Q	Q	Q	Q	19.6
35 to 59 Years .....	4.6	104.6	30.7	2.46	2.0	21.7	21	0.12	0.3	2.1	0.02	0.02	15.8
60 Years and Over .....	2.5	45.8	13.4	1.13	1.5	12.3	12	0.07	Q	Q	Q	Q	17.2
<b>Household Size</b>													
1 Person .....	2.5	28.8	8.4	0.70	1.0	6.5	6	0.04	Q	Q	Q	Q	16.9
2 to 4 Persons .....	6.5	140.2	41.1	3.33	3.0	28.6	28	0.16	Q	Q	Q	Q	12.0
5 or More Persons .....	1.2	33.9	9.9	0.79	0.7	8.9	9	0.05	Q	Q	Q	Q	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.

(\*) = 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: • 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 82. Electricity Consumption and Expenditures for Appliances and Refrigerators, per South Region 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>	1.1 <sup>1</sup>	1.5	0.5	0.9 <sup>1</sup>	0.9 <sup>1</sup>	1.1 <sup>1</sup>	

**South Region**

<b>Total Region</b> .....	33.4	19.0	5,576	434	33.4	1.1	5.7	1,664	131	2.1
<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 .....	15.6	18.5	5,415	404	15.6	1.1	5.3	1,549	117	3.4
2,000 CDD or More and Under 4,000 HDD .....	17.8	19.5	5,718	460	17.8	1.1	6.0	1,765	144	3.5
<b>Type of Housing Unit</b>										
Single-Family .....	24.8	21.5	6,309	489	24.7	1.2	6.1	1,777	139	2.0
Mobile Home .....	2.6	17.2	5,045	381	2.6	1.0	4.6	1,358	105	6.1
Multifamily (2 or more units) .....	6.1	9.6	2,813	233	6.0	1.0	4.5	1,331	111	4.7
<b>Heated Floorspace (square feet)</b>										
Fewer than 1,000 .....	10.3	12.0	3,521	280	10.3	1.0	4.7	1,372	111	2.8
1,000 to 1,999 .....	15.8	20.1	5,891	462	15.8	1.1	5.6	1,652	131	2.4
2,000 or More .....	7.3	26.6	7,799	590	7.3	1.3	7.2	2,099	159	3.7
<b>Ownership of Unit</b>										
Owned .....	22.8	21.9	6,429	496	22.8	1.2	6.1	1,793	139	2.0
Rented .....	10.6	12.8	3,738	301	10.6	1.0	4.7	1,385	113	2.8
<b>Year of Construction</b>										
1939 or Before .....	3.5	16.3	4,766	366	3.5	1.2	5.6	1,637	128	5.3
1940 to 1979 .....	18.6	19.1	5,585	433	18.6	1.1	5.9	1,724	135	2.3
1980 or After <sup>3</sup> .....	11.3	19.8	5,811	457	11.3	1.1	5.4	1,573	125	3.2
<b>1993 Family Income</b>										
Less than \$10,000 .....	6.0	12.0	3,524	284	6.0	1.1	5.0	1,456	119	4.0
\$10,000 to \$19,999 .....	7.0	15.9	4,662	361	7.0	1.1	5.1	1,507	119	3.2
\$20,000 to \$34,999 .....	8.0	19.4	5,677	437	7.9	1.1	5.7	1,665	129	3.0
\$35,000 to \$49,999 .....	5.8	22.1	6,485	502	5.8	1.2	5.9	1,743	136	3.4
\$50,000 or More .....	6.7	25.5	7,460	582	6.7	1.2	6.6	1,942	153	3.9
<b>Below Poverty Line</b>										
100 Percent .....	5.9	13.8	4,034	323	5.9	1.1	4.9	1,442	117	4.0
125 Percent .....	7.6	14.6	4,270	339	7.6	1.1	5.0	1,452	117	3.5
150 Percent .....	9.7	15.0	4,397	346	9.7	1.1	5.1	1,493	120	3.3
<b>Age of Householder</b>										
Under 35 Years .....	8.9	16.7	4,891	382	8.9	1.0	4.8	1,408	112	2.9
35 to 59 Years .....	15.1	21.9	6,423	495	15.0	1.1	6.0	1,747	136	2.2
60 Years and Over .....	9.4	16.6	4,874	385	9.4	1.2	6.0	1,773	141	3.5
<b>Household Size</b>										
1 Person .....	8.0	10.6	3,120	252	7.9	1.1	5.0	1,452	118	3.1
2 to 4 Persons .....	22.0	20.6	6,029	468	22.0	1.1	5.9	1,721	135	1.8
5 or More Persons .....	3.5	28.4	8,317	631	3.5	1.2	6.1	1,781	136	4.3

See footnotes at end of table.



**Table 82. Electricity Consumption and Expenditures for Appliances and Refrigerators, per South Region 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>	1.1 <sup>1</sup>	1.5	0.5	0.9 <sup>1</sup>	0.9 <sup>1</sup>	1.1 <sup>1</sup>	

**South Region**

**Average Electricity Expenditures**

(cents per kWh)	Households (million)	(million Btu)	(kWh)	Expenditures (dollars)	Households (million)	Average Number of Refrigerators	(million Btu)	(kWh)	Expenditures (dollars)	RSE Row Factors
Less than 6 .....	3.1	23.9	7,005	390	--	--	--	--	--	6.3
6 to Less than 9 .....	23.4	19.9	5,842	450	--	--	--	--	--	2.8
9 or More .....	6.9	13.8	4,051	398	--	--	--	--	--	5.1

**Average Electric Refrigerator Expenditures**

Less than 6 .....	--	--	--	--	3.1	1.2	6.4	1,868	104	6.2
6 to Less than 9 .....	--	--	--	--	23.4	1.1	5.9	1,718	133	2.8
9 or More .....	--	--	--	--	6.9	1.1	4.7	1,388	137	5.3

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

Separate Freezer .....	12.5	24.5	7,176	551	12.5	1.2	6.0	1,757	135	2.4
Dishwasher .....	15.7	23.0	6,733	520	15.7	1.2	6.3	1,840	143	2.8
Clothes Washer .....	27.0	21.6	6,326	489	26.9	1.1	6.0	1,746	136	1.7
Clothes Dryer .....	22.5	22.5	6,582	503	22.5	1.2	6.0	1,747	134	2.1
Waterbed Heater .....	4.1	26.4	7,733	589	4.1	1.2	6.2	1,817	139	4.4
Swimming-Pool Pump .....	1.9	36.5	10,695	820	1.9	1.3	7.7	2,252	173	6.4
Hot-Tub or Spa Pump .....	1.0	36.5	10,704	826	1.0	1.2	7.5	2,206	171	8.8
Hot-Tub or Spa Heater .....	0.6	32.2	9,440	711	0.6	1.3	7.1	2,071	159	11.6
Well Pump .....	4.5	24.3	7,124	556	4.5	1.2	5.9	1,732	136	5.4

**Appliance Combination Usage**

Dishwasher, Clothes Washer, and Clothes Dryer										
All .....	12.9	24.4	7,159	547	12.9	1.2	6.3	1,838	141	2.9
Some .....	15.7	18.0	5,278	415	15.6	1.1	5.6	1,637	130	2.3
None .....	4.9	8.0	2,333	194	4.8	1.0	4.4	1,286	108	3.9

**Well Pump and Separate Freezer**

All .....	2.6	26.7	7,835	605	2.6	1.2	6.0	1,767	137	7.1
Some .....	11.8	23.4	6,867	529	11.8	1.2	5.9	1,743	135	2.3
None .....	19.1	15.3	4,472	352	19.0	1.1	5.5	1,600	128	2.2

**Main Heating Fuel**

Natural Gas .....	13.0	19.9	5,824	466	13.0	1.1	6.1	1,788	144	3.2
Electricity .....	14.6	18.0	5,286	398	14.6	1.1	5.4	1,581	121	3.1
Fuel Oil or Kerosene .....	2.0	19.1	5,606	454	2.0	1.1	5.2	1,516	126	9.9
Wood .....	1.2	23.9	7,017	541	1.2	1.2	5.6	1,652	128	8.1
LPG .....	2.3	19.0	5,562	440	2.3	1.2	5.7	1,684	135	6.8
Other .....	Q	15.7	4,607	269	Q	1.0	4.4	1,292	81	Q

**Number of Refrigerators**

1 .....	29.3	18.1	5,299	414	29.3	1.0	5.0	1,461	116	2.0
2 or More .....	4.1	26.0	7,618	579	4.1	2.0	10.7	3,132	240	4.0

See footnotes at end of table.

**Table 82. Electricity Consumption and Expenditures for Appliances and Refrigerators, per South Region 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>	1.1 <sup>1</sup>	1.5	0.5	0.9 <sup>1</sup>	0.9 <sup>1</sup>	1.1 <sup>1</sup>	
<b>South Atlantic Division</b> .....	17.3	17.9	5,247	427	17.3	1.1	5.2	1,533	126	3.0
<b>Climate Zone<sup>2</sup></b>										
Under 2,000 CDD and										
Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	9.8	17.6	5,150	415	9.8	1.1	5.0	1,452	119	3.1
2,000 CDD or More and										
Under 4,000 HDD .....	7.5	18.3	5,373	442	7.5	1.1	5.6	1,639	136	3.7
<b>Type of Housing Unit</b>										
Single-Family .....	12.1	20.5	6,000	487	12.1	1.1	5.5	1,620	132	3.3
Mobile Home .....	1.4	16.4	4,793	375	1.4	1.0	4.5	1,321	106	9.8
Multifamily (2 or more units) .....	3.7	10.1	2,974	251	3.7	1.0	4.6	1,334	114	6.7
<b>Heated Floorspace (square feet)</b>										
Fewer than 1,000 .....	5.4	11.4	3,353	276	5.4	1.0	4.4	1,283	108	3.6
1,000 to 1,999 .....	7.9	18.9	5,549	455	7.9	1.1	5.2	1,524	126	3.8
2,000 or More .....	3.9	24.8	7,256	578	3.9	1.2	6.5	1,896	150	5.6
<b>Ownership of Unit</b>										
Owned .....	11.4	20.7	6,074	491	11.4	1.1	5.6	1,638	133	3.1
Rented .....	5.9	12.4	3,640	302	5.8	1.1	4.5	1,328	112	3.6
<b>Year of Construction</b>										
1939 or Before .....	1.5	16.9	4,963	397	1.5	1.1	5.2	1,516	125	10.4
1940 to 1979 .....	9.4	18.1	5,301	431	9.4	1.1	5.6	1,627	134	3.6
1980 or After <sup>3</sup> .....	6.4	17.9	5,233	427	6.4	1.1	4.8	1,400	116	4.5
<b>1993 Family Income</b>										
Less than \$10,000 .....	2.9	10.9	3,190	269	2.9	1.1	4.6	1,335	115	6.3
\$10,000 to \$19,999 .....	3.5	15.0	4,391	355	3.5	1.1	4.8	1,409	116	3.7
\$20,000 to \$34,999 .....	4.0	18.0	5,278	429	4.0	1.1	5.4	1,595	130	4.8
\$35,000 to \$49,999 .....	3.0	20.7	6,059	490	3.0	1.1	5.4	1,582	129	5.1
\$50,000 or More .....	3.9	23.7	6,943	561	3.9	1.2	5.8	1,696	138	4.9
<b>Below Poverty Line</b>										
100 Percent .....	2.8	12.1	3,545	301	2.8	1.1	4.3	1,267	109	5.5
125 Percent .....	3.7	13.2	3,881	321	3.7	1.1	4.5	1,323	112	4.6
150 Percent .....	4.8	14.0	4,106	337	4.8	1.1	4.8	1,406	118	4.8
<b>Age of Householder</b>										
Under 35 Years .....	4.4	15.3	4,479	369	4.4	1.0	4.3	1,267	106	4.6
35 to 59 Years .....	7.9	20.7	6,079	490	7.8	1.1	5.5	1,600	130	3.3
60 Years and Over .....	5.0	15.8	4,621	379	5.0	1.1	5.7	1,665	138	5.1
<b>Household Size</b>										
1 Person .....	4.0	9.7	2,848	239	4.0	1.1	4.7	1,373	116	4.5
2 to 4 Persons .....	11.6	19.5	5,720	464	11.6	1.1	5.4	1,584	130	2.5
5 or More Persons .....	1.7	26.5	7,756	621	1.6	1.1	5.3	1,564	126	7.8

See footnotes at end of table.

**Table 82. Electricity Consumption and Expenditures for Appliances and Refrigerators, per South Region 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>	1.1 <sup>1</sup>	1.5	0.5	0.9 <sup>1</sup>	0.9 <sup>1</sup>	1.1 <sup>1</sup>	
<b>East South Central Division</b> .....	6.0	20.6	6,029	382	6.0	1.2	5.8	1,712	110	3.2
<b>Climate Zone<sup>2</sup></b>										
Under 2,000 CDD and										
Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	4.7	20.6	6,028	373	4.7	1.2	5.9	1,742	109	5.1
2,000 CDD or More and										
Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>										
Single-Family .....	4.7	22.6	6,634	418	4.7	1.2	6.2	1,822	115	2.4
Mobile Home .....	0.7	17.1	5,025	325	0.7	1.1	4.8	1,409	94	7.0
Multifamily (2 or more units) .....	0.6	9.1	2,673	178	0.6	1.0	4.2	1,236	83	11.4
<b>Heated Floorspace (square feet)</b>										
Fewer than 1,000 .....	1.8	13.5	3,963	258	1.8	1.0	4.8	1,414	95	6.0
1,000 to 1,999 .....	2.7	22.2	6,493	415	2.7	1.1	5.8	1,688	108	4.4
2,000 or More .....	1.5	26.4	7,751	475	1.5	1.4	7.3	2,129	130	5.4
<b>Ownership of Unit</b>										
Owned .....	4.6	22.8	6,677	419	4.6	1.2	6.2	1,827	115	2.6
Rented .....	1.4	13.4	3,921	260	1.4	1.1	4.6	1,339	90	5.0
<b>Year of Construction</b>										
1939 or Before .....	0.9	15.8	4,644	309	0.9	1.2	5.8	1,709	115	8.5
1940 to 1979 .....	3.5	21.3	6,246	396	3.5	1.2	5.9	1,741	111	2.4
1980 or After <sup>3</sup> .....	1.6	21.4	6,286	391	1.6	1.1	5.6	1,652	103	8.2
<b>1993 Family Income</b>										
Less than \$10,000 .....	1.2	13.3	3,899	270	1.2	1.1	4.8	1,411	98	5.8
\$10,000 to \$19,999 .....	1.2	18.4	5,402	347	1.2	1.2	5.7	1,667	107	5.2
\$20,000 to \$34,999 .....	1.7	21.5	6,316	397	1.7	1.1	5.7	1,660	105	3.7
\$35,000 to \$49,999 .....	0.9	24.5	7,189	434	0.9	1.3	6.7	1,952	119	7.5
\$50,000 or More .....	1.0	27.1	7,950	495	1.0	1.2	6.9	2,022	126	9.2
<b>Below Poverty Line</b>										
100 Percent .....	1.2	15.5	4,544	307	1.2	1.1	5.3	1,558	107	8.8
125 Percent .....	1.6	16.2	4,739	320	1.6	1.1	5.1	1,497	102	7.7
150 Percent .....	1.9	17.0	4,990	335	1.9	1.1	5.3	1,561	106	6.5
<b>Age of Householder</b>										
Under 35 Years .....	1.5	19.3	5,667	356	1.5	1.0	5.0	1,469	94	4.8
35 to 59 Years .....	2.6	23.8	6,989	441	2.6	1.2	6.2	1,830	116	3.0
60 Years and Over .....	1.9	17.0	4,988	320	1.9	1.2	5.9	1,738	112	4.7
<b>Household Size</b>										
1 Person .....	1.4	11.6	3,386	231	1.4	1.1	4.9	1,430	98	6.5
2 to 4 Persons .....	3.9	21.8	6,387	402	3.9	1.2	6.0	1,756	111	3.4
5 or More Persons .....	0.6	33.4	9,798	601	0.6	1.3	7.1	2,084	128	8.1

See footnotes at end of table.

**Table 82. Electricity Consumption and Expenditures for Appliances and Refrigerators, per South Region 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>	1.1 <sup>1</sup>	1.5	0.5	0.9 <sup>1</sup>	0.9 <sup>1</sup>	1.1 <sup>1</sup>	
<b>West South Central Division</b> .....	10.1	20.0	5,871	477	10.1	1.1	6.3	1,858	152	4.0
<b>Climate Zone<sup>2</sup></b>										
Under 2,000 CDD and										
Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	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 .....	8.9	20.3	5,962	482	8.9	1.1	6.5	1,894	155	4.8
<b>Type of Housing Unit</b>										
Single-Family .....	8.0	22.5	6,586	532	8.0	1.2	6.8	1,990	162	3.3
Mobile Home .....	0.5	19.9	5,827	477	0.5	1.0	4.8	1,400	116	13.2
Multifamily (2 or more units) .....	1.7	8.6	2,511	215	1.7	1.0	4.6	1,361	115	6.8
<b>Heated Floorspace (square feet)</b>										
Fewer than 1,000 .....	3.0	12.1	3,557	299	3.0	1.0	5.1	1,506	127	5.3
1,000 to 1,999 .....	5.2	20.8	6,100	497	5.2	1.1	6.2	1,830	150	3.6
2,000 or More .....	1.9	30.6	8,968	706	1.9	1.3	8.5	2,499	199	7.0
<b>Ownership of Unit</b>										
Owned .....	6.8	23.4	6,856	555	6.8	1.2	6.9	2,028	166	3.8
Rented .....	3.3	13.1	3,835	316	3.3	1.0	5.1	1,505	125	5.9
<b>Year of Construction</b>										
1939 or Before .....	1.1	15.7	4,607	369	1.1	1.1	5.9	1,738	142	5.8
1940 to 1979 .....	5.7	19.3	5,645	457	5.7	1.1	6.4	1,871	153	4.0
1980 or After <sup>3</sup> .....	3.2	22.9	6,717	549	3.2	1.1	6.4	1,876	154	4.6
<b>1993 Family Income</b>										
Less than \$10,000 .....	1.8	13.0	3,808	316	1.8	1.1	5.7	1,682	140	7.1
\$10,000 to \$19,999 .....	2.3	16.0	4,700	379	2.3	1.1	5.4	1,577	129	7.0
\$20,000 to \$34,999 .....	2.3	20.1	5,900	479	2.3	1.1	6.1	1,791	146	4.8
\$35,000 to \$49,999 .....	1.9	23.3	6,817	553	1.9	1.1	6.5	1,896	156	6.2
\$50,000 or More .....	1.9	28.2	8,261	668	1.9	1.2	8.2	2,401	195	7.6
<b>Below Poverty Line</b>										
100 Percent .....	1.8	15.2	4,447	366	1.8	1.1	5.6	1,632	136	6.3
125 Percent .....	2.4	15.6	4,560	378	2.4	1.1	5.5	1,621	136	6.0
150 Percent .....	3.0	15.3	4,484	366	3.0	1.1	5.4	1,587	131	5.9
<b>Age of Householder</b>										
Under 35 Years .....	3.0	17.5	5,120	414	3.0	1.0	5.4	1,586	130	4.2
35 to 59 Years .....	4.6	22.8	6,688	536	4.6	1.1	6.7	1,951	159	4.2
60 Years and Over .....	2.5	18.0	5,287	445	2.5	1.2	6.9	2,010	168	7.1
<b>Household Size</b>										
1 Person .....	2.5	11.6	3,406	284	2.5	1.1	5.4	1,592	133	5.0
2 to 4 Persons .....	6.5	21.7	6,368	516	6.5	1.1	6.6	1,948	160	3.4
5 or More Persons .....	1.2	28.3	8,297	661	1.2	1.1	6.5	1,918	154	5.6

<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.

-- = 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 83. Natural Gas and LPG Consumption and Expenditures for Appliances, per South Region 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:	1.1	0.6 <sup>1</sup>	0.6 <sup>1</sup>	0.6 <sup>1</sup>	1.9	1.2 <sup>1</sup>	1.2 <sup>1</sup>	1.3 <sup>1</sup>	

**South Region**

<b>Total Region</b> .....	8.7	8.8	8.5	54	2.4	6.1	66	88	8.2
<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 .....	3.5	8.0	7.8	53	0.9	5.8	64	88	8.5
2,000 CDD or More and Under 4,000 HDD .....	5.3	9.3	9.0	55	1.5	6.2	68	88	12.9
<b>Type of Housing Unit</b>									
Single-Family .....	7.5	9.2	9.0	56	1.6	5.5	60	80	8.7
Mobile Home .....	0.3	5.6	5.5	38	0.7	7.3	80	105	15.0
Multifamily (2 or more units) .....	0.9	6.5	6.3	42	Q	Q	Q	Q	12.6
<b>Heated Floorspace (square feet)</b>									
Fewer than 1,000 .....	2.5	6.7	6.5	43	1.0	5.7	63	91	11.3
1,000 to 1,999 .....	4.4	8.3	8.0	51	1.0	5.7	62	73	9.9
2,000 or More .....	1.9	12.8	12.5	75	0.3	8.3	91	127	13.9
<b>Ownership of Unit</b>									
Owned .....	6.4	9.1	8.9	56	1.8	6.4	70	88	9.6
Rented .....	2.4	7.9	7.7	50	0.6	5.0	55	89	10.4
<b>Year of Construction</b>									
1939 or Before .....	1.6	8.6	8.4	50	0.3	4.4	48	60	19.4
1940 to 1979 .....	4.9	8.5	8.3	53	1.4	5.5	60	80	10.0
1980 or After <sup>3</sup> .....	2.3	9.5	9.3	59	0.6	8.1	88	120	13.5
<b>1993 Family Income</b>									
Less than \$10,000 .....	1.8	6.8	6.6	43	0.5	3.7	40	57	12.8
\$10,000 to \$19,999 .....	2.0	7.9	7.7	49	0.7	6.5	71	100	13.5
\$20,000 to \$34,999 .....	1.8	9.5	9.2	59	0.7	6.1	67	77	15.7
\$35,000 to \$49,999 .....	1.5	8.9	8.6	54	0.2	7.0	77	94	14.2
\$50,000 or More .....	1.6	11.3	11.0	68	0.3	8.6	94	140	19.3
<b>Below Poverty Line</b>									
100 Percent .....	1.9	8.1	7.9	49	0.6	4.4	49	67	10.3
125 Percent .....	2.3	8.5	8.3	53	0.9	4.2	46	66	12.3
150 Percent .....	2.9	8.2	8.0	51	1.0	4.5	49	70	10.9
<b>Age of Householder</b>									
Under 35 Years .....	2.2	7.9	7.7	49	0.5	5.6	62	90	9.1
35 to 59 Years .....	4.0	9.7	9.4	60	1.2	6.3	69	89	10.9
60 Years and Over .....	2.5	8.2	8.0	49	0.7	5.9	65	86	17.5
<b>Household Size</b>									
1 Person .....	1.9	5.5	5.3	35	0.6	5.6	61	83	21.9
2 to 4 Persons .....	5.8	9.2	8.9	57	1.4	5.2	57	78	7.9
5 or More Persons .....	1.0	13.0	12.6	76	0.4	9.7	106	130	13.8

See footnotes at end of table.

**Table 83. Natural Gas and LPG Consumption and Expenditures for Appliances, per South Region Households, 1993 (Continued)**

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:	1.1	0.6 <sup>1</sup>	0.6 <sup>1</sup>	0.6 <sup>1</sup>	1.9	1.2 <sup>1</sup>	1.2 <sup>1</sup>	1.3 <sup>1</sup>	
<b>South Atlantic Division</b> .....	2.9	7.7	7.5	57	1.4	6.5	71	113	8.6
<b>Climate Zone<sup>2</sup></b>									
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	2.2	8.1	7.8	58	0.6	5.4	59	97	8.7
2,000 CDD or More and Under 4,000 HDD .....	0.8	6.8	6.6	55	0.8	7.3	80	125	13.7
<b>Type of Housing Unit</b>									
Single-Family .....	2.3	8.1	7.8	60	0.9	6.1	67	107	11.9
Mobile Home .....	Q	Q	Q	Q	0.5	7.3	80	125	18.7
Multifamily (2 or more units) .....	0.5	6.8	6.6	48	Q	Q	Q	Q	19.2
<b>Heated Floorspace (square feet)</b>									
Fewer than 1,000 .....	0.8	6.5	6.4	48	0.6	6.5	71	121	18.9
1,000 to 1,999 .....	1.2	7.4	7.2	57	0.6	5.2	57	83	13.3
2,000 or More .....	0.9	9.3	9.1	65	0.2	9.8	107	168	20.2
<b>Ownership of Unit</b>									
Owned .....	2.0	7.8	7.6	58	0.9	7.3	80	122	10.7
Rented .....	0.9	7.5	7.3	55	0.5	4.9	54	96	14.4
<b>Year of Construction</b>									
1939 or Before .....	0.5	8.4	8.2	59	Q	Q	Q	Q	26.7
1940 to 1979 .....	1.7	7.5	7.3	55	0.8	6.2	68	106	15.0
1980 or After <sup>3</sup> .....	0.7	7.8	7.6	60	0.4	7.9	87	140	17.2
<b>1993 Family Income</b>									
Less than \$10,000 .....	0.5	7.3	7.1	52	0.2	4.1	45	81	21.0
\$10,000 to \$19,999 .....	0.6	6.9	6.7	51	0.5	7.3	80	129	19.2
\$20,000 to \$34,999 .....	0.6	7.3	7.1	55	0.3	5.1	56	87	16.8
\$35,000 to \$49,999 .....	0.6	6.4	6.2	50	0.1	6.7	73	110	18.4
\$50,000 or More .....	0.7	10.4	10.2	74	0.2	9.2	101	156	22.7
<b>Below Poverty Line</b>									
100 Percent .....	0.4	8.2	8.0	57	0.3	4.8	52	95	18.5
125 Percent .....	0.6	8.0	7.7	56	0.5	4.5	50	88	16.0
150 Percent .....	0.7	7.7	7.5	56	0.6	4.7	52	92	13.9
<b>Age of Householder</b>									
Under 35 Years .....	0.7	8.1	7.9	57	0.4	5.5	61	101	14.2
35 to 59 Years .....	1.5	8.4	8.2	63	0.6	6.6	73	118	13.4
60 Years and Over .....	0.7	6.1	5.9	46	0.4	7.3	79	120	20.3
<b>Household Size</b>									
1 Person .....	0.6	4.1	4.0	32	0.3	Q	Q	Q	13.9
2 to 4 Persons .....	2.1	8.4	8.2	62	0.9	5.7	63	99	10.6
5 or More Persons .....	0.2	11.2	10.9	77	0.3	8.0	87	144	24.0

See footnotes at end of table.

**Table 83. Natural Gas and LPG Consumption and Expenditures for Appliances, per South Region Households, 1993 (Continued)**

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:	1.1	0.6 <sup>1</sup>	0.6 <sup>1</sup>	0.6 <sup>1</sup>	1.9	1.2 <sup>1</sup>	1.2 <sup>1</sup>	
<b>East South Central Division</b> .....	1.1	9.5	9.2	51	0.5	5.8	63	60	17.3
<b>Climate Zone<sup>2</sup></b>									
Under 2,000 CDD and Over 5,500 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	NF
Under 5,500 HDD .....	Q	8.3	8.1	46	Q	6.7	73	69	40.2
2,000 CDD or More and Under 4,000 HDD .....	Q	Q	Q	Q	Q	Q	Q	Q	NF
<b>Type of Housing Unit</b>									
Single-Family .....	0.9	10.1	9.8	54	0.3	6.2	68	63	20.3
Mobile Home .....	Q	Q	Q	Q	0.2	4.9	53	52	14.4
Multifamily (2 or more units) .....	Q	7.1	6.9	40	Q	Q	Q	Q	21.5
<b>Heated Floorspace (square feet)</b>									
Fewer than 1,000 .....	0.4	6.4	6.3	37	0.2	6.1	67	61	20.5
1,000 to 1,999 .....	0.4	7.4	7.2	42	0.2	4.7	52	54	10.9
2,000 or More .....	0.3	17.8	17.4	87	Q	Q	Q	Q	37.1
<b>Ownership of Unit</b>									
Owned .....	0.8	10.4	10.1	55	0.4	5.7	62	57	18.7
Rented .....	0.3	7.4	7.2	41	Q	Q	Q	Q	20.2
<b>Year of Construction</b>									
1939 or Before .....	0.3	Q	Q	Q	Q	Q	Q	Q	44.7
1940 to 1979 .....	0.6	7.6	7.4	44	0.3	5.1	55	54	17.7
1980 or After <sup>3</sup> .....	0.2	10.5	10.2	59	0.1	6.2	68	67	29.4
<b>1993 Family Income</b>									
Less than \$10,000 .....	0.3	6.3	6.1	37	Q	4.8	53	53	26.6
\$10,000 to \$19,999 .....	0.2	8.5	8.3	45	0.2	5.8	64	57	14.3
\$20,000 to \$34,999 .....	0.3	7.0	6.8	39	0.2	5.5	60	65	15.4
\$35,000 to \$49,999 .....	0.1	13.5	13.2	78	Q	Q	Q	Q	33.5
\$50,000 or More .....	0.2	Q	Q	Q	Q	Q	Q	Q	32.6
<b>Below Poverty Line</b>									
100 Percent .....	0.4	7.6	7.4	42	0.2	5.5	60	60	17.9
125 Percent .....	0.4	7.4	7.2	41	0.2	5.0	55	55	18.2
150 Percent .....	0.5	7.6	7.4	42	0.3	5.1	56	56	19.8
<b>Age of Householder</b>									
Under 35 Years .....	0.2	7.0	6.8	41	Q	Q	Q	Q	29.3
35 to 59 Years .....	0.5	9.3	9.0	52	0.2	6.0	65	60	19.7
60 Years and Over .....	0.3	Q	Q	56	0.2	5.6	62	59	29.4
<b>Household Size</b>									
1 Person .....	0.3	5.2	5.1	28	Q	Q	Q	Q	21.2
2 to 4 Persons .....	0.7	10.4	10.1	55	0.3	4.4	48	51	14.6
5 or More Persons .....	0.1	14.6	14.2	79	Q	Q	Q	Q	27.5

See footnotes at end of table.

**Table 83. Natural Gas and LPG Consumption and Expenditures for Appliances, per South Region Households, 1993 (Continued)**

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:	1.1	0.6 <sup>1</sup>	0.6 <sup>1</sup>	0.6 <sup>1</sup>	1.9	1.2 <sup>1</sup>	1.2 <sup>1</sup>	1.3 <sup>1</sup>	
<b>West South Central Division</b> .....	4.7	9.3	9.0	53	0.5	5.2	57	47	18.2
<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 .....	4.2	9.5	9.3	54	Q	5.1	56	47	20.9
<b>Type of Housing Unit</b>									
Single-Family .....	4.3	9.6	9.4	55	Q	3.7	40	36	16.3
Mobile Home .....	Q	5.7	5.6	39	Q	Q	Q	Q	38.4
Multifamily (2 or more units) .....	0.3	5.6	5.4	31	Q	Q	Q	Q	22.4
<b>Heated Floorspace (square feet)</b>									
Fewer than 1,000 .....	1.2	6.8	6.6	41	Q	Q	Q	Q	11.1
1,000 to 1,999 .....	2.7	8.8	8.5	50	Q	Q	Q	Q	11.7
2,000 or More .....	0.8	15.1	14.7	81	Q	Q	Q	Q	19.1
<b>Ownership of Unit</b>									
Owned .....	3.6	9.6	9.3	55	Q	Q	Q	48	16.5
Rented .....	1.2	8.4	8.2	48	Q	Q	Q	Q	16.0
<b>Year of Construction</b>									
1939 or Before .....	0.7	7.1	6.9	41	Q	Q	Q	Q	18.5
1940 to 1979 .....	2.7	9.3	9.1	53	Q	4.3	47	44	14.6
1980 or After <sup>3</sup> .....	1.3	10.3	10.0	59	Q	Q	Q	Q	20.4
<b>1993 Family Income</b>									
Less than \$10,000 .....	1.0	6.7	6.5	40	Q	Q	Q	Q	13.4
\$10,000 to \$19,999 .....	1.2	8.3	8.1	48	Q	Q	Q	Q	15.4
\$20,000 to \$34,999 .....	0.9	11.6	11.3	66	Q	Q	Q	Q	26.5
\$35,000 to \$49,999 .....	0.8	9.9	9.7	53	Q	Q	Q	Q	16.5
\$50,000 or More .....	0.8	10.6	10.4	60	Q	Q	Q	Q	27.4
<b>Below Poverty Line</b>									
100 Percent .....	1.1	8.2	8.0	48	Q	Q	Q	Q	10.6
125 Percent .....	1.4	9.1	8.8	55	Q	Q	Q	Q	19.3
150 Percent .....	1.7	8.6	8.3	51	Q	Q	Q	Q	17.2
<b>Age of Householder</b>									
Under 35 Years .....	1.2	8.0	7.8	46	Q	Q	Q	Q	12.5
35 to 59 Years .....	2.0	10.7	10.4	59	0.3	6.1	66	56	23.4
60 Years and Over .....	1.5	8.4	8.2	49	Q	Q	Q	Q	11.8
<b>Household Size</b>									
1 Person .....	1.0	6.3	6.2	38	Q	Q	Q	Q	24.5
2 to 4 Persons .....	3.0	9.4	9.1	53	Q	4.3	47	43	12.7
5 or More Persons .....	0.7	13.2	12.8	75	Q	Q	Q	Q	16.7

<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.

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, D, and F of the 1993 Residential Energy Consumption Survey.