

Table R1.90. Residential Building and Housing Unit Characteristics, 1990

Building and Housing Unit Characteristics	Total Floorspace (million square feet)	Buildings		Housing Units			RSE Row Factors
		Number of Buildings (thousand)	Floorspace per Building (square feet)	Number of Housing Units (thousand)	Floorspace per Housing Unit (square feet)	Floorspace per Household Member (square feet)	
RSE Column Factors:	1.5	1.3	0.7	1.1	0.8	0.9	
All Buildings	169,227	74,213	2,280	93,991	1,800	690	1.6
Census Region							
Northeast	40,345	13,903	2,902	19,223	2,099	794	3.1
Midwest	46,939	18,738	2,505	23,069	2,035	811	2.7
South	52,440	26,735	1,961	32,296	1,624	622	3.2
West	29,503	14,837	1,988	19,403	1,521	566	3.4
Census Division							
New England	9,294	3,162	2,940	4,544	2,046	816	4.5
Middle Atlantic	31,051	10,741	2,891	14,679	2,115	787	3.3
East North Central	33,757	13,306	2,537	16,611	2,032	804	3.2
West North Central	13,181	5,433	2,426	6,458	2,041	832	3.5
South Atlantic	26,612	13,403	1,986	16,558	1,607	635	4.1
East South Central	10,770	5,436	1,981	6,431	1,675	664	9.8
West South Central	15,057	7,896	1,907	9,307	1,618	576	4.2
Mountain	7,818	4,167	1,876	4,844	1,614	589	6.4
Pacific	21,685	10,670	2,032	14,559	1,489	558	3.8
Type of Home							
Mobile Home	4,895	5,212	939	5,212	939	348	6.4
Single-Family							
Detached	130,855	58,363	2,242	58,363	2,242	786	1.9
Single-Family							
Attached	10,014	6,001	1,669	6,001	1,669	683	7.8
2 to 4 Units	11,784	3,644	3,234	9,997	1,179	525	5.5
5 or More Units	11,679	993	11,759	14,418	810	425	5.4
Building / Housing Unit Floorspace (square feet)							
Fewer than 1,001	8,297	10,356	801	27,392	729	346	2.6
1,001 to 2,000	41,190	27,736	1,485	32,513	1,450	536	1.7
2,001 to 5,000	96,277	33,448	2,878	32,657	2,847	981	1.8
5,001 to 10,000	14,465	2,263	6,393	1,346	6,105	1,861	5.4
10,001 to 25,000	4,441	339	13,110	Q	Q	Q	8.0
25,001 to 50,000	1,135	34	33,617	NC	NC	NC	9.3
50,001 to 100,000	1,930	29	67,074	NC	NC	NC	10.4
100,001 to 200,000	820	7	125,298	NC	NC	NC	16.9
Over 200,000	673	2	278,980	NC	NC	NC	14.7
Year Constructed							
1939 or Before	40,769	16,760	2,432	21,462	1,900	741	3.5
1940 to 1949	11,592	6,069	1,910	7,028	1,649	635	4.8
1950 to 1959	24,694	11,883	2,078	13,379	1,846	721	4.1
1960 to 1969	26,191	11,356	2,306	14,811	1,768	715	4.6
1970 to 1979	36,274	15,329	2,366	21,436	1,692	637	4.0
1980 to 1990	29,708	12,815	2,318	15,876	1,871	675	5.2

NC = No cases in sample.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R2.90. Energy Sources Used for All End Uses in Residential Buildings, Number of Buildings and Total Floorspace, 1990

Building Characteristics	Energy Sources												RSE Row Fac- tors
	Any Energy Source		Electricity		Natural Gas		Fuel Oil		Kerosene		LPG		
	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	
	0.5	0.5	0.5	0.5	0.8	0.8	1.4	1.4	1.8	2.0	2.0	1.9	
RSE Column Factors:	0.5	0.5	0.5	0.5	0.8	0.8	1.4	1.4	1.8	2.0	2.0	1.9	
All Buildings	74,213	169,227	74,179	169,204	44,829	106,320	9,151	25,386	5,112	9,338	7,979	13,876	4.1
Census Region													
Northeast	13,903	40,345	13,903	40,345	7,714	23,591	5,636	17,581	1,120	2,443	1,122	2,308	7.2
Midwest	18,738	46,939	18,738	46,939	13,632	34,701	1,500	3,842	1,292	2,878	2,361	5,006	8.1
South	26,735	52,440	26,735	52,440	13,172	26,626	1,616	2,978	2,460	3,458	3,428	5,074	8.1
West	14,837	29,503	14,804	29,481	10,312	21,402	Q	Q	240	559	1,068	1,488	8.6
Census Division													
New England	3,162	9,294	3,162	9,294	1,074	3,460	1,907	5,604	237	402	525	1,138	10.4
Middle Atlantic	10,741	31,051	10,741	31,051	6,640	20,131	3,728	11,977	883	2,041	598	1,170	9.3
East North Central	13,306	33,757	13,306	33,757	9,607	24,720	1,223	3,024	1,068	2,456	1,589	3,301	10.7
West North Central	5,433	13,181	5,433	13,181	4,025	9,981	277	818	224	422	771	1,706	11.4
South Atlantic	13,403	26,612	13,403	26,612	4,545	9,917	1,463	2,670	1,783	2,542	1,898	2,830	10.8
East South Central	5,436	10,770	5,436	10,770	2,461	5,547	Q	Q	586	790	861	1,204	21.7
West South Central	7,896	15,057	7,896	15,057	6,165	11,162	*	*	91	125	670	Q	14.9
Mountain	4,167	7,818	4,167	7,818	3,276	6,000	Q	Q	99	256	Q	Q	18.0
Pacific	10,670	21,685	10,637	21,663	7,036	15,401	Q	Q	142	303	857	1,082	10.6
Type of Home													
Mobile Home	5,212	4,895	5,212	4,895	2,004	1,954	359	286	942	818	1,691	1,455	19.4
Single-Family													
Detached	58,363	130,855	58,330	130,833	36,202	81,943	7,519	20,069	3,809	7,524	6,115	11,851	5.2
Single-Family													
Attached	6,001	10,014	6,001	10,014	3,319	6,014	716	1,448	300	629	Q	Q	18.9
2 to 4 Units	3,644	11,784	3,644	11,784	2,700	9,034	479	1,809	Q	Q	101	390	13.4
5 or More Units	993	11,679	993	11,679	604	7,375	78	1,774	Q	Q	Q	Q	13.0
Building Floorspace (square feet)													
Fewer than 1,001	10,356	8,297	10,323	8,275	4,957	4,016	743	578	1,339	1,053	2,377	1,772	10.6
1,001 to 2,000	27,736	41,190	27,736	41,190	17,117	25,748	2,187	3,301	1,960	2,757	3,065	4,350	6.9
2,001 to 5,000	33,448	96,277	33,448	96,277	20,863	60,127	5,766	17,123	1,764	5,128	2,458	7,169	6.6
5,001 to 10,000	2,263	14,465	2,263	14,465	1,607	10,140	414	2,676	42	Q	76	512	17.5
10,001 to 25,000	339	4,441	339	4,441	237	3,080	Q	Q	Q	Q	Q	Q	32.4
25,001 to 50,000	34	1,135	34	1,135	25	825	Q	245	*	*	*	*	34.2
50,001 to 100,000	29	1,930	29	1,930	16	1,075	7	490	*	*	*	*	28.2
100,001 to 200,000	7	820	7	820	5	697	Q	Q	*	*	*	*	63.9
Over 200,000	2	673	2	673	2	613	1	325	*	*	Q	Q	26.3
Year Constructed													
1939 or Before	16,760	40,769	16,760	40,769	11,758	29,493	3,258	9,777	1,285	2,572	1,766	3,547	8.5
1940 to 1949	6,069	11,592	6,069	11,592	4,347	8,734	804	1,802	377	649	699	1,092	12.7
1950 to 1959	11,883	24,694	11,883	24,694	8,194	17,596	2,041	4,974	580	984	890	1,202	10.1
1960 to 1969	11,356	26,191	11,356	26,191	7,636	17,918	1,454	3,716	621	1,382	1,036	1,672	10.9
1970 to 1979	15,329	36,274	15,329	36,274	7,656	18,351	1,246	4,187	1,485	2,626	1,744	3,032	9.5
1980 to 1990	12,815	29,708	12,782	29,685	5,239	14,227	349	931	764	1,125	1,844	3,332	13.4

* = Value rounds to zero in the units displayed.

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.

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Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R3.90. Energy Sources Used for Main Space Heating in Residential Buildings, Number of Buildings and Total Floorspace, 1990

Building Characteristics	Energy Sources												RSE Row Fac- tors
	Any Energy Source		Electricity		Natural Gas		Fuel Oil		Kerosene		LPG		
	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	
	0.3	0.4	1.1	1.0	0.6	0.7	1.0	1.1	2.4	2.4	1.7	1.8	
RSE Column Factors:	0.3	0.4	1.1	1.0	0.6	0.7	1.0	1.1	2.4	2.4	1.7	1.8	
All Buildings	73,703	168,625	14,480	32,372	41,528	96,553	8,228	22,965	999	1,137	4,346	7,266	6.6
Census Region													
Northeast	13,903	40,345	1,280	3,474	6,282	18,142	5,313	16,448	264	320	171	294	13.3
Midwest	18,738	46,939	1,531	4,027	13,359	34,059	1,174	3,138	Q	Q	1,562	3,309	13.3
South	26,650	52,353	8,673	18,891	12,327	24,647	1,457	2,681	634	701	2,205	3,065	11.8
West	14,412	28,988	2,996	5,979	9,561	19,707	Q	Q	Q	Q	409	599	12.8
Census Division													
New England	3,162	9,294	254	871	747	2,402	1,833	5,377	110	108	Q	Q	14.7
Middle Atlantic	10,741	31,051	1,025	2,604	5,534	15,739	3,481	11,071	Q	Q	136	251	14.7
East North Central	13,306	33,757	1,083	3,091	9,400	24,238	907	2,358	Q	Q	1,055	2,250	17.7
West North Central	5,433	13,181	448	936	3,959	9,821	267	781	*	*	507	1,059	16.8
South Atlantic	13,345	26,552	5,788	12,001	4,103	8,926	1,332	2,438	511	567	1,043	1,461	16.3
East South Central	5,408	10,745	1,487	3,137	2,405	5,389	Q	Q	Q	Q	616	790	22.4
West South Central	7,896	15,057	1,398	3,753	5,818	10,332	*	*	*	*	Q	Q	18.8
Mountain	4,167	7,818	704	1,339	3,082	5,721	Q	Q	*	*	Q	Q	20.7
Pacific	10,245	21,170	2,292	4,640	6,479	13,985	Q	Q	Q	Q	274	351	15.4
Type of Home													
Mobile Home	5,212	4,895	1,133	1,132	1,975	1,929	283	234	427	349	1,162	1,074	24.3
Single-Family													
Detached	57,942	130,384	9,758	21,174	33,957	76,533	6,732	18,115	525	593	3,161	6,048	7.9
Single-Family													
Attached	5,963	9,988	2,453	3,398	2,754	5,084	684	1,372	Q	Q	*	*	25.2
2 to 4 Units	3,595	11,711	725	1,905	2,345	7,674	456	1,758	Q	Q	Q	Q	18.8
5 or More Units	991	11,647	411	4,763	497	5,334	73	1,485	Q	Q	*	*	19.6
Building Floorspace (square feet)													
Fewer than 1,001	10,138	8,131	2,325	1,904	4,598	3,730	606	474	637	483	1,227	948	13.5
1,001 to 2,000	27,480	40,866	5,718	8,386	15,996	24,081	2,029	3,040	303	413	1,973	2,768	11.1
2,001 to 5,000	33,413	96,198	5,937	16,624	19,290	55,395	5,177	15,564	Q	Q	1,123	3,365	8.9
5,001 to 10,000	2,262	14,454	360	2,385	1,412	8,886	380	2,467	Q	Q	Q	Q	19.8
10,001 to 25,000	338	4,419	113	1,560	201	2,536	Q	Q	Q	Q	*	*	36.1
25,001 to 50,000	34	1,135	11	406	17	545	Q	Q	*	*	*	*	44.1
50,001 to 100,000	29	1,930	14	943	Q	643	Q	Q	*	*	*	*	57.4
100,001 to 200,000	7	820	1	123	3	402	Q	Q	*	*	*	*	66.0
Over 200,000	2	673	Q	Q	1	335	1	298	*	*	*	*	38.2
Year Constructed													
1939 or Before	16,632	40,641	814	1,665	10,588	25,551	2,946	8,818	284	311	818	1,497	12.6
1940 to 1949	6,038	11,552	536	889	4,099	8,064	663	1,509	Q	Q	300	395	18.3
1950 to 1959	11,822	24,601	1,128	1,951	7,628	16,306	1,898	4,545	79	115	515	685	15.4
1960 to 1969	11,320	26,134	1,675	4,148	7,226	16,722	1,281	3,355	90	Q	491	768	14.7
1970 to 1979	15,277	36,217	4,925	11,961	7,075	16,661	1,161	3,987	342	325	995	1,700	13.6
1980 to 1990	12,614	29,480	5,402	11,758	4,912	13,249	278	750	Q	136	1,227	2,221	17.4

* = Value rounds to zero in the units displayed.

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.

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Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R4.90. Energy Sources Used for Air Conditioning and Appliances in Residential Buildings, Number of Buildings and Total Floorspace, 1990

Building Characteristics	Energy Source for Air Conditioning		Energy Sources for Appliances						RSE Row Factors
	Electricity		Electricity		Natural Gas		LPG		
	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	
RSE Column Factors:	0.8	0.8	0.5	0.6	1.0	1.0	2.4	2.3	
All Buildings	47,739	112,908	74,179	169,204	31,593	73,071	5,772	9,482	3.6
Census Region									
Northeast	7,402	22,045	13,903	40,345	6,208	18,523	1,015	2,085	7.1
Midwest	12,846	33,478	18,738	46,939	9,302	23,510	1,541	3,118	6.4
South	22,052	45,251	26,735	52,440	8,839	17,142	2,330	3,123	7.2
West	5,439	12,134	14,804	29,481	7,244	13,897	886	1,156	8.3
Census Division									
New England	1,368	4,333	3,162	9,294	820	2,489	475	999	13.2
Middle Atlantic	6,034	17,712	10,741	31,051	5,388	16,033	540	1,086	8.9
East North Central	8,393	22,365	13,306	33,757	6,789	17,515	1,023	1,974	9.0
West North Central	4,453	11,114	5,433	13,181	2,513	5,995	518	1,144	8.0
South Atlantic	10,978	22,538	13,403	26,612	3,046	6,631	1,374	1,962	10.6
East South Central	4,389	9,207	5,436	10,770	1,325	3,049	463	524	20.8
West South Central	6,685	13,506	7,896	15,057	4,467	7,462	494	Q	12.5
Mountain	1,523	3,082	4,167	7,818	1,727	2,581	Q	Q	15.6
Pacific	3,916	9,051	10,637	21,663	5,517	11,316	730	869	10.1
Type of Home									
Mobile Home	3,025	2,907	5,212	4,895	1,840	1,768	1,324	1,109	15.9
Single-Family									
Detached	37,893	88,276	58,330	130,833	25,102	55,817	4,296	7,938	4.7
Single-Family									
Attached	4,109	6,792	6,001	10,014	2,169	3,896	Q	Q	17.8
2 to 4 Units	2,083	6,858	3,644	11,784	2,097	7,128	80	256	13.6
5 or More Units	630	8,075	993	11,679	384	4,462	Q	Q	11.1
Building Floorspace (square feet)									
Fewer than 1,001	5,324	4,425	10,323	8,275	3,902	3,126	1,941	1,447	9.3
1,001 to 2,000	18,071	26,976	27,736	41,190	12,373	18,600	2,214	3,133	6.6
2,001 to 5,000	22,549	65,353	33,448	96,277	13,977	40,106	1,550	4,432	5.5
5,001 to 10,000	1,469	9,408	2,263	14,465	1,163	7,269	64	398	18.0
10,001 to 25,000	275	3,501	339	4,441	152	1,930	Q	Q	27.6
25,001 to 50,000	22	732	34	1,135	11	344	*	*	32.2
50,001 to 100,000	23	1,538	29	1,930	10	693	*	*	26.2
100,001 to 200,000	4	519	7	820	Q	Q	*	*	52.7
Over 200,000	2	456	2	673	2	559	Q	Q	36.1
Year Constructed									
1939 or Before	8,234	20,372	16,760	40,769	8,560	22,157	1,292	2,514	7.4
1940 to 1949	3,388	6,799	6,069	11,592	3,123	6,379	526	822	11.5
1950 to 1959	7,540	16,570	11,883	24,694	6,037	12,830	695	895	9.3
1960 to 1969	7,947	18,634	11,356	26,191	5,578	12,416	801	1,381	9.9
1970 to 1979	10,944	27,001	15,329	36,274	4,875	10,179	1,231	1,887	8.1
1980 to 1990	9,687	23,531	12,782	29,685	3,420	9,110	1,226	1,984	11.8

* = Value rounds to zero in the units displayed.

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.

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Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R5.90. End Uses for All Energy Sources in Residential Buildings, Number of Buildings and Total Floorspace, 1990

Building Characteristics	All Buildings		End Uses										RSE Row Factors
			Main Space Heating		Secondary Space Heating		Water Heating		Air Conditioning		Appliances		
	Build-ings (thou-sand)	Floor-space (million sq.ft.)	Build-ings (thou-sand)	Floor-space (million sq.ft.)	Build-ings (thou-sand)	Floor-space (million sq.ft.)	Build-ings (thou-sand)	Floor-space (million sq.ft.)	Build-ings (thou-sand)	Floor-space (million sq.ft.)	Build-ings (thou-sand)	Floor-space (million sq.ft.)	
	0.8	0.9	0.8	0.9	1.3	1.5	0.8	0.9	1.2	1.3	0.8	0.9	
RSE Column Factors:	0.8	0.9	0.8	0.9	1.3	1.5	0.8	0.9	1.2	1.3	0.8	0.9	
All Buildings	74,213	169,227	73,703	168,625	36,891	88,283	73,611	168,128	47,927	113,372	74,213	169,227	1.8
Census Region													
Northeast	13,903	40,345	13,903	40,345	6,464	19,430	13,661	39,731	7,402	22,045	13,903	40,345	3.6
Midwest	18,738	46,939	18,738	46,939	8,284	22,262	18,716	46,874	12,889	33,601	18,738	46,939	3.1
South	26,735	52,440	26,650	52,353	14,422	30,007	26,441	52,058	22,130	45,436	26,735	52,440	3.6
West	14,837	29,503	14,412	28,988	7,722	16,583	14,792	29,465	5,506	12,289	14,837	29,503	4.3
Census Division													
New England	3,162	9,294	3,162	9,294	1,615	4,734	3,152	9,260	1,368	4,333	3,162	9,294	6.6
Middle Atlantic	10,741	31,051	10,741	31,051	4,848	14,696	10,510	30,471	6,034	17,712	10,741	31,051	4.4
East North Central	13,306	33,757	13,306	33,757	5,996	16,217	13,292	33,705	8,411	22,411	13,306	33,757	4.5
West North Central	5,433	13,181	5,433	13,181	2,288	6,044	5,424	13,169	4,478	11,190	5,433	13,181	4.6
South Atlantic	13,403	26,612	13,345	26,552	6,899	14,314	13,193	26,298	11,001	22,622	13,403	26,612	5.3
East South Central	5,436	10,770	5,408	10,745	3,085	6,608	5,352	10,704	4,389	9,207	5,436	10,770	12.9
West South Central	7,896	15,057	7,896	15,057	4,438	9,085	7,896	15,057	6,740	13,608	7,896	15,057	7.1
Mountain	4,167	7,818	4,167	7,818	1,906	4,046	4,156	7,802	1,537	3,101	4,167	7,818	10.0
Pacific	10,670	21,685	10,245	21,170	5,815	12,538	10,637	21,663	3,969	9,188	10,670	21,685	5.8
Type of Home													
Mobile Home	5,212	4,895	5,212	4,895	1,979	1,846	5,197	4,886	3,025	2,907	5,212	4,895	13.1
Single-Family Detached	58,363	130,855	57,942	130,384	31,920	77,721	57,828	129,902	38,062	88,666	58,363	130,855	2.7
Single-Family Attached	6,001	10,014	5,963	9,988	2,047	3,907	6,001	10,014	4,109	6,792	6,001	10,014	12.4
2 to 4 Units	3,644	11,784	3,595	11,711	752	2,784	3,594	11,660	2,097	6,877	3,644	11,784	10.1
5 or More Units	993	11,679	991	11,647	193	2,024	992	11,667	633	8,129	993	11,679	9.3
Building Floorspace (square feet)													
Fewer than 1,001	10,356	8,297	10,138	8,131	3,607	2,836	10,187	8,183	5,324	4,425	10,356	8,297	6.7
1,001 to 2,000	27,736	41,190	27,480	40,866	12,359	18,855	27,510	40,886	18,120	27,049	27,736	41,190	3.9
2,001 to 5,000	33,448	96,277	33,413	96,198	19,655	57,278	33,246	95,623	22,684	65,689	33,448	96,277	3.5
5,001 to 10,000	2,263	14,465	2,262	14,454	1,163	7,473	2,258	14,438	1,473	9,427	2,263	14,465	11.4
10,001 to 25,000	339	4,441	338	4,419	94	1,164	339	4,441	275	3,501	339	4,441	20.4
25,001 to 50,000	34	1,135	34	1,135	9	279	34	1,135	22	740	34	1,135	21.7
50,001 to 100,000	29	1,930	29	1,930	Q	Q	29	1,930	23	1,544	29	1,930	25.5
100,001 to 200,000	7	820	7	820	Q	Q	7	820	4	540	7	820	37.0
Over 200,000	2	673	2	673	Q	Q	2	673	2	456	2	673	26.6
Year Constructed													
1939 or Before	16,760	40,769	16,632	40,641	7,397	18,574	16,551	40,335	8,250	20,418	16,760	40,769	5.5
1940 to 1949	6,069	11,592	6,038	11,552	2,569	4,974	5,993	11,512	3,388	6,799	6,069	11,592	7.3
1950 to 1959	11,883	24,694	11,822	24,601	5,760	12,802	11,730	24,350	7,559	16,593	11,883	24,694	5.7
1960 to 1969	11,356	26,191	11,320	26,134	5,757	14,027	11,327	26,125	8,006	18,777	11,356	26,191	6.7
1970 to 1979	15,329	36,274	15,277	36,217	9,118	22,030	15,267	36,154	10,984	27,117	15,329	36,274	5.5
1980 to 1990	12,815	29,708	12,614	29,480	6,290	15,876	12,744	29,652	9,740	23,667	12,815	29,708	8.0

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R6.90. End Uses for Electricity Energy Sources in Residential Buildings, Number of Buildings and Total Floorspace, 1990

Building Characteristics	End Uses										RSE Row Factors
	Main Space Heating		Secondary Space Heating		Water Heating		Air Conditioning		Appliances		
	Build-ings (thou- sand)	Floor- space (million sq.ft.)	Build-ings (thou- sand)	Floor- space (million sq.ft.)	Build-ings (thou- sand)	Floor- space (million sq.ft.)	Build-ings (thou- sand)	Floor- space (million sq.ft.)	Build-ings (thou- sand)	Floor- space (million sq.ft.)	
RSE Column Factors:	1.7	1.6	1.1	1.3	1.2	1.2	0.8	0.8	0.5	0.6	
All Buildings	14,480	32,372	14,648	32,847	28,023	57,797	47,739	112,908	74,179	169,204	3.5
Census Region											
Northeast	1,280	3,474	2,393	7,644	3,553	8,887	7,402	22,045	13,903	40,345	8.1
Midwest	1,531	4,027	2,943	7,162	5,760	13,363	12,846	33,478	18,738	46,939	7.5
South	8,673	18,891	6,117	11,582	14,395	27,417	22,052	45,251	26,735	52,440	5.6
West	2,996	5,979	3,194	6,459	4,315	8,131	5,439	12,134	14,804	29,481	8.9
Census Division											
New England	254	871	651	2,075	1,049	2,877	1,368	4,333	3,162	9,294	9.7
Middle Atlantic	1,025	2,604	1,742	5,569	2,504	6,010	6,034	17,712	10,741	31,051	9.9
East North Central	1,083	3,091	2,060	4,925	4,392	10,211	8,393	22,365	13,306	33,757	10.1
West North Central	448	936	883	2,237	1,367	3,152	4,453	11,114	5,433	13,181	9.7
South Atlantic	5,788	12,001	2,703	5,382	9,207	17,067	10,978	22,538	13,403	26,612	7.6
East South Central	1,487	3,137	1,386	2,460	3,334	6,080	4,389	9,207	5,436	10,770	12.3
West South Central	1,398	3,753	2,028	3,740	1,854	4,270	6,685	13,506	7,896	15,057	13.6
Mountain	704	1,339	756	1,395	1,044	2,041	1,523	3,082	4,167	7,818	16.2
Pacific	2,292	4,640	2,437	5,064	3,271	6,090	3,916	9,051	10,637	21,663	10.9
Type of Home											
Mobile Home	1,133	1,132	909	855	3,367	3,127	3,025	2,907	5,212	4,895	16.7
Single-Family											
Detached	9,758	21,174	12,673	28,262	20,531	43,472	37,893	88,276	58,330	130,833	4.5
Single-Family											
Attached	2,453	3,398	536	991	2,744	3,948	4,109	6,792	6,001	10,014	17.0
2 to 4 Units	725	1,905	411	1,562	982	2,877	2,083	6,858	3,644	11,784	15.4
5 or More Units	411	4,763	118	1,177	399	4,373	630	8,075	993	11,679	12.9
Building Floorspace (square feet)											
Fewer than 1,001	2,325	1,904	1,924	1,511	5,579	4,515	5,324	4,425	10,323	8,275	9.3
1,001 to 2,000	5,718	8,386	5,735	8,732	10,606	15,292	18,071	26,976	27,736	41,190	6.4
2,001 to 5,000	5,937	16,624	6,454	18,310	11,132	31,472	22,549	65,353	33,448	96,277	5.5
5,001 to 10,000	360	2,385	467	3,124	577	3,837	1,469	9,408	2,263	14,465	14.8
10,001 to 25,000	113	1,560	Q	Q	110	1,470	275	3,501	339	4,441	22.8
25,001 to 50,000	11	406	7	202	8	272	22	732	34	1,135	30.9
50,001 to 100,000	14	943	Q	Q	Q	Q	23	1,538	29	1,930	33.5
100,001 to 200,000	1	123	Q	Q	1	123	4	519	7	820	39.3
Over 200,000	Q	Q	Q	Q	Q	Q	2	456	2	673	42.5
Year Constructed											
1939 or Before	814	1,665	4,010	9,870	4,611	10,212	8,234	20,372	16,760	40,769	8.6
1940 to 1949	536	889	1,363	2,741	2,014	3,436	3,388	6,799	6,069	11,592	11.5
1950 to 1959	1,128	1,951	2,873	5,936	3,131	5,722	7,540	16,570	11,883	24,694	8.7
1960 to 1969	1,675	4,148	1,935	4,379	3,700	7,816	7,947	18,634	11,356	26,191	9.0
1970 to 1979	4,925	11,961	3,194	7,193	7,341	15,971	10,944	27,001	15,329	36,274	8.0
1980 to 1990	5,402	11,758	1,272	2,727	7,225	14,641	9,687	23,531	12,782	29,685	10.4

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.
Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
• See "Glossary" for definition of terms used in this report.
Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R7.90. End Uses for Natural Gas and Fuel Oil Energy Sources in Residential Buildings, Number of Buildings and Total Floorspace, 1990

Building Characteristics	Natural Gas End Uses								Fuel Oil End Uses				RSE Row Fac- tors
	Main Space Heating		Secondary Space Heating		Water Heating		Appliances		Main Space Heating		Water Heating		
	Build-ings (thou- sand)	Floor- space (million sq.ft.)	Build-ings (thou- sand)	Floor- space (million sq.ft.)	Build-ings (thou- sand)	Floor- space (million sq.ft.)	Build-ings (thou- sand)	Floor- space (million sq.ft.)	Build-ings (thou- sand)	Floor- space (million sq.ft.)	Build-ings (thou- sand)	Floor- space (million sq.ft.)	
	RSE Column Factors:												
All Buildings	41,528	96,553	2,154	4,673	38,924	92,590	31,593	73,071	8,228	22,965	3,225	11,034	6.1
Census Region													
Northeast	6,282	18,142	357	1,015	6,630	19,240	6,208	18,523	5,313	16,448	3,117	10,735	11.0
Midwest	13,359	34,059	322	970	11,686	30,543	9,302	23,510	1,174	3,138	36	Q	12.3
South	12,327	24,647	897	1,633	10,903	22,624	8,839	17,142	1,457	2,681	Q	Q	13.7
West	9,561	19,707	578	1,054	9,705	20,182	7,244	13,897	Q	Q	Q	Q	9.0
Census Division													
New England	747	2,402	33	91	913	2,945	820	2,489	1,833	5,377	978	2,951	15.5
Middle Atlantic	5,534	15,739	324	924	5,717	16,295	5,388	16,033	3,481	11,071	2,139	7,785	13.4
East North Central	9,400	24,238	204	666	8,137	21,726	6,789	17,515	907	2,358	Q	Q	14.8
West North Central	3,959	9,821	118	304	3,549	8,818	2,513	5,995	267	781	10	Q	13.9
South Atlantic	4,103	8,926	Q	215	3,524	8,274	3,046	6,631	1,332	2,438	Q	Q	24.9
East South Central	2,405	5,389	130	300	1,828	4,327	1,325	3,049	Q	Q	*	*	34.1
West South Central	5,818	10,332	664	1,119	5,550	10,024	4,467	7,462	*	*	*	*	13.5
Mountain	3,082	5,721	229	398	2,955	5,430	1,727	2,581	Q	Q	*	*	17.4
Pacific	6,479	13,985	349	656	6,750	14,752	5,517	11,316	Q	Q	Q	Q	10.9
Type of Home													
Mobile Home	1,975	1,929	Q	Q	1,445	1,437	1,840	1,768	283	234	*	*	30.0
Single-Family													
Detached	33,957	76,533	1,821	3,895	31,702	72,460	25,102	55,817	6,732	18,115	2,599	7,896	7.1
Single-Family													
Attached	2,754	5,084	Q	Q	2,913	5,234	2,169	3,896	684	1,372	344	831	21.7
2 to 4 Units	2,345	7,674	77	224	2,348	7,775	2,097	7,128	456	1,758	214	762	13.1
5 or More Units	497	5,334	20	204	517	5,684	384	4,462	73	1,485	68	1,544	14.5
Building Floorspace (square feet)													
Fewer than 1,001	4,598	3,730	179	135	3,834	3,115	3,902	3,126	606	474	Q	Q	14.6
1,001 to 2,000	15,996	24,081	970	1,394	14,979	22,704	12,373	18,600	2,029	3,040	582	911	9.9
2,001 to 5,000	19,290	55,395	965	2,809	18,441	52,976	13,977	40,106	5,177	15,564	2,302	7,311	8.6
5,001 to 10,000	1,412	8,886	36	241	1,424	8,949	1,163	7,269	380	2,467	210	1,328	18.2
10,001 to 25,000	201	2,536	Q	Q	213	2,765	152	1,930	Q	Q	Q	Q	34.3
25,001 to 50,000	17	545	*	*	19	641	11	344	Q	Q	Q	223	41.2
50,001 to 100,000	Q	643	Q	Q	10	670	10	693	Q	Q	7	467	28.6
100,001 to 200,000	3	402	*	*	3	381	Q	Q	Q	Q	Q	Q	65.9
Over 200,000	1	335	Q	Q	1	389	2	559	1	298	1	243	26.4
Year Constructed													
1939 or Before	10,588	25,551	496	1,219	10,173	24,983	8,560	22,157	2,946	8,818	983	3,502	10.8
1940 to 1949	4,099	8,064	286	525	3,563	7,090	3,123	6,379	663	1,509	177	574	13.9
1950 to 1959	7,628	16,306	339	672	7,132	15,070	6,037	12,830	1,898	4,545	917	2,711	11.9
1960 to 1969	7,226	16,722	406	868	6,852	16,311	5,578	12,416	1,281	3,355	483	1,515	12.0
1970 to 1979	7,075	16,661	397	745	6,767	16,541	4,875	10,179	1,161	3,987	503	2,258	14.0
1980 to 1990	4,912	13,249	228	645	4,437	12,595	3,420	9,110	278	750	162	475	19.8

* = Value rounds to zero in the units displayed.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R8.90p. Total and Average Primary Consumption and Expenditures for All Major Energy Sources in Residential Buildings, 1990

Building Characteristics	Total				Average					RSE Row Fac- tors
	Floorspace (million sq.ft.)	Consumption (trillion Btu)	Expenditures (million dollars)		Consumption (thousand Btu per sq.ft.)	Expenditures (dollars per sq.ft.)		Expenditures (dollars per million Btu)		
			1987 Dollars	1990 Dollars		1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
RSE Column Factors:	1.7	1.4	1.5	1.5	0.9	0.9	0.9	0.5	0.5	
All Buildings	169,227	15,368	96,994	110,185	90.81	0.57	0.65	6.31	7.17	1.2
Census Region										
Northeast	40,345	3,246	24,891	28,276	80.45	0.62	0.70	7.67	8.71	2.1
Midwest	46,939	4,153	23,670	26,889	88.48	0.50	0.57	5.70	6.47	2.2
South	52,440	5,364	32,724	37,174	102.30	0.62	0.71	6.10	6.93	2.5
West	29,503	2,605	15,709	17,845	88.28	0.53	0.60	6.03	6.85	3.1
Census Division										
New England	9,294	728	5,630	6,396	78.38	0.61	0.69	7.73	8.78	3.2
Middle Atlantic	31,051	2,517	19,261	21,881	81.07	0.62	0.70	7.65	8.69	2.6
East North Central	33,757	2,997	17,233	19,577	88.77	0.51	0.58	5.75	6.53	2.9
West North Central	13,181	1,157	6,437	7,312	87.75	0.49	0.55	5.56	6.32	3.2
South Atlantic	26,612	2,560	16,960	19,267	96.20	0.64	0.72	6.62	7.53	3.5
East South Central	10,770	1,090	5,516	6,266	101.19	0.51	0.58	5.06	5.75	6.9
West South Central	15,057	1,714	10,248	11,641	113.85	0.68	0.77	5.98	6.79	3.7
Mountain	7,818	781	4,274	4,855	99.88	0.55	0.62	5.47	6.22	5.7
Pacific	21,685	1,824	11,435	12,990	84.10	0.53	0.60	6.27	7.12	4.3
Type of Home										
Mobile Home	4,895	735	4,640	5,271	150.07	0.95	1.08	6.32	7.18	6.2
Single-Family										
Detached	30,855	11,071	68,863	78,228	84.60	0.53	0.60	6.22	7.07	1.7
Single-Family										
Attached	10,014	906	5,966	6,778	90.52	0.60	0.68	6.58	7.48	5.9
2 to 4 Units	11,784	1,352	8,933	10,148	114.77	0.76	0.86	6.61	7.50	4.3
5 or More Units	11,679	1,304	8,591	9,760	111.63	0.74	0.84	6.59	7.49	3.8
Building Floorspace (square feet)										
Fewer than 1,001	8,297	1,331	8,406	9,550	160.36	1.01	1.15	6.32	7.18	3.7
1,001 to 2,000	41,190	4,636	28,950	32,887	112.55	0.70	0.80	6.24	7.09	2.2
2,001 to 5,000	96,277	7,508	47,297	53,729	77.98	0.49	0.56	6.30	7.16	1.9
5,001 to 10,000	14,465	1,065	6,793	7,717	73.60	0.47	0.53	6.38	7.25	4.8
10,001 to 25,000	4,441	385	2,507	2,848	86.66	0.56	0.64	6.51	7.40	8.8
25,001 to 50,000	1,135	126	877	996	110.87	0.77	0.88	6.97	7.91	9.2
50,001 to 100,000	1,930	188	1,270	1,443	97.61	0.66	0.75	6.74	7.66	9.8
100,001 to 200,000	820	77	501	569	94.38	0.61	0.69	6.48	7.36	17.7
Over 200,000	673	53	392	446	78.22	0.58	0.66	7.45	8.47	20.7
Year Constructed										
1939 or Before	40,769	3,607	22,970	26,094	88.49	0.56	0.64	6.37	7.23	2.5
1940 to 1949	11,592	1,129	6,988	7,939	97.36	0.60	0.68	6.19	7.03	3.6
1950 to 1959	24,694	2,297	14,771	16,780	93.03	0.60	0.68	6.43	7.30	3.0
1960 to 1969	26,191	2,386	15,056	17,104	91.12	0.57	0.65	6.31	7.17	3.4
1970 to 1979	36,274	3,495	21,577	24,511	96.34	0.59	0.68	6.17	7.01	2.9
1980 to 1990	29,708	2,454	15,631	17,757	82.60	0.53	0.60	6.37	7.24	3.8

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
 • See "Glossary" for definition of terms used in this report.
 Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R8.90s. Total and Average Site Consumption and Expenditures for All Major Energy Sources in Residential Buildings, 1990

Building Characteristics	Total				Average					RSE Row Fac- tors
	Floorspace (million sq.ft.)	Consumption (trillion Btu)	Expenditures (million dollars)		Consumption (thousand Btu per sq.ft.)	Expenditures (dollars per sq.ft.)		Expenditures (dollars per million Btu)		
			1987 Dollars	1990 Dollars		1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
RSE Column Factors:	1.5	1.4	1.3	1.3	0.8	0.8	0.8	0.7	0.7	
All Buildings	169,227	9,218	96,994	110,185	54.47	0.57	0.65	10.52	11.95	1.4
Census Region										
Northeast	40,345	2,298	28,276	28,276	56.96	0.62	0.70	10.83	12.30	2.2
Midwest	46,939	2,807	26,889	26,889	59.80	0.50	0.57	8.43	9.58	2.4
South	52,440	2,602	37,174	37,174	49.62	0.62	0.71	12.57	14.29	3.0
West	29,503	1,510	17,845	17,845	51.19	0.53	0.60	10.40	11.82	3.4
Census Division										
New England	9,294	518	5,630	6,396	55.69	0.61	0.69	10.88	12.36	3.7
Middle Atlantic	31,051	1,781	19,261	21,881	57.34	0.62	0.70	10.82	12.29	2.8
East North Central	33,757	2,045	17,233	19,577	60.58	0.51	0.58	8.43	9.57	3.2
West North Central	13,181	762	6,437	7,312	57.80	0.49	0.55	8.45	9.60	3.4
South Atlantic	26,612	1,195	16,960	19,267	44.89	0.64	0.72	14.20	16.13	4.3
East South Central	10,770	528	5,516	6,266	49.00	0.51	0.58	10.45	11.87	8.7
West South Central	15,057	880	10,248	11,641	58.44	0.68	0.77	11.65	13.23	4.5
Mountain	7,818	493	4,274	4,855	63.09	0.55	0.62	8.67	9.84	6.9
Pacific	21,685	1,017	11,435	12,990	46.90	0.53	0.60	11.79	12.77	4.3
Type of Home										
Mobile Home	4,895	407	4,640	5,271	83.10	0.95	1.08	11.41	12.96	7.1
Single-Family										
Detached	130,855	6,613	68,863	78,228	50.54	0.53	0.60	10.41	11.83	1.9
Single-Family										
Attached	10,014	524	5,966	6,778	52.30	0.60	0.68	11.39	12.94	6.5
2 to 4 Units	11,784	945	8,933	10,148	80.18	0.76	0.86	9.46	10.74	4.8
5 or More Units	11,679	729	8,591	9,760	62.40	0.74	0.84	11.79	13.39	4.4
Building Floorspace (square feet)										
Fewer than 1,001	8,297	741	8,406	9,550	89.27	1.01	1.15	11.35	12.89	4.1
1,001 to 2,000	41,190	2,679	28,950	32,887	65.04	0.70	0.80	10.81	12.28	2.4
2,001 to 5,000	96,277	4,644	47,297	53,729	48.24	0.49	0.56	10.18	11.57	2.1
5,001 to 10,000	14,465	677	6,793	7,717	46.79	0.47	0.53	10.04	11.40	5.7
10,001 to 25,000	4,441	213	2,507	2,848	47.91	0.56	0.64	11.78	13.38	10.8
25,001 to 50,000	1,135	76	877	996	67.11	0.77	0.88	11.51	13.07	11.0
50,001 to 100,000	1,930	100	1,270	1,443	51.77	0.66	0.75	12.71	14.44	12.2
100,001 to 200,000	820	51	501	569	62.82	0.61	0.69	9.73	11.05	18.2
Over 200,000	673	36	392	446	54.05	0.58	0.66	10.79	12.25	22.1
Year Constructed										
1939 or Before	40,769	2,569	22,970	26,094	63.02	0.56	0.64	8.94	10.16	2.8
1940 to 1949	11,592	740	6,988	7,939	63.81	0.60	0.68	9.45	10.73	3.8
1950 to 1959	24,694	1,465	14,771	16,780	59.33	0.60	0.68	10.08	11.45	3.2
1960 to 1969	26,191	1,412	15,056	17,104	53.93	0.57	0.65	10.66	12.11	3.9
1970 to 1979	36,274	1,825	21,577	24,511	50.31	0.59	0.68	11.82	13.43	3.2
1980 to 1990	29,708	1,206	15,631	17,757	40.60	0.53	0.60	12.96	14.72	4.5

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
 • See "Glossary" for definition of terms used in this report.
 Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R9.90p. Total and Average Primary Consumption and Expenditures for Electricity in Residential Buildings, 1990

Building Characteristics	Total				Average					RSE Row Fac- tors
	Floorspace (million sq.ft.)	Consumption (trillion Btu)	Expenditures (million dollars)		Consumption (thousand Btu per sq.ft.)	Expenditures (dollars per sq.ft.)		Expenditures (dollars per million Btu)		
			1987 Dollars	1990 Dollars		1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
RSE Column Factors:	1.3	1.4	1.3	1.3	1.1	1.0	1.0	0.5	0.5	
All Buildings	169,204	9,182	62,972	71,537	54.27	0.37	0.42	6.86	7.79	1.7
Census Region										
Northeast	40,345	1,415	12,807	14,549	35.07	0.32	0.36	9.05	10.28	2.6
Midwest	46,939	2,010	13,526	15,366	42.82	0.29	0.33	6.73	7.64	3.8
South	52,440	4,123	25,636	29,123	78.63	0.49	0.56	6.22	7.06	2.8
West	29,481	1,634	11,003	12,499	55.42	0.37	0.42	6.73	7.65	4.2
Census Division										
New England	9,294	315	2,708	3,077	33.87	0.29	0.33	8.60	9.77	3.6
Middle Atlantic	31,051	1,100	10,099	11,472	35.43	0.33	0.37	9.18	10.43	3.1
East North Central	33,757	1,420	9,679	10,995	42.08	0.29	0.33	6.81	7.74	5.3
West North Central	13,181	589	3,847	4,371	44.72	0.29	0.33	6.53	7.41	3.8
South Atlantic	26,612	2,039	13,420	15,245	76.61	0.50	0.57	6.58	7.48	4.4
East South Central	10,770	839	4,238	4,814	77.90	0.39	0.45	5.05	5.74	6.5
West South Central	15,057	1,246	7,978	9,063	82.72	0.53	0.60	6.41	7.28	4.0
Mountain	7,818	429	2,748	3,121	54.93	0.35	0.40	6.40	7.27	7.3
Pacific	21,663	1,204	8,255	9,377	55.60	0.38	0.43	6.85	7.79	5.4
Type of Home										
Mobile Home	4,895	489	3,079	3,497	99.98	0.63	0.71	6.29	7.15	7.4
Single-Family										
Detached	30,833	6,654	44,924	51,033	50.86	0.34	0.39	6.75	7.67	2.2
Single-Family										
Attached	10,014	571	4,061	4,613	57.04	0.41	0.46	7.11	8.08	7.8
2 to 4 Units	11,784	609	4,686	5,323	51.65	0.40	0.45	7.70	8.75	6.6
5 or More Units	11,679	858	6,223	7,069	73.50	0.53	0.61	7.25	8.24	5.0
Building Floorspace (square feet)										
Fewer than 1,001	8,275	881	5,716	6,493	106.42	0.69	0.78	6.49	7.37	4.2
1,001 to 2,000	41,190	2,921	19,487	22,137	70.93	0.47	0.54	6.67	7.58	2.8
2,001 to 5,000	96,277	4,275	29,686	33,723	44.40	0.31	0.35	6.94	7.89	2.4
5,001 to 10,000	14,465	579	4,127	4,688	40.03	0.29	0.32	7.13	8.10	6.5
10,001 to 25,000	4,441	257	1,825	2,073	57.84	0.41	0.47	7.10	8.07	11.6
25,001 to 50,000	1,135	74	606	688	65.32	0.53	0.61	8.17	9.28	11.8
50,001 to 100,000	1,930	132	972	1,104	68.44	0.50	0.57	7.36	8.36	11.9
100,001 to 200,000	820	39	308	349	47.11	0.38	0.43	7.96	9.05	22.6
Over 200,000	673	24	246	280	36.09	0.37	0.42	10.14	11.52	24.6
Year Constructed										
1939 or Before	40,769	1,550	11,466	13,025	38.01	0.28	0.32	7.40	8.40	3.2
1940 to 1949	11,592	581	3,931	4,465	50.09	0.34	0.39	6.77	7.69	4.9
1950 to 1959	24,694	1,242	8,932	10,147	50.32	0.36	0.41	7.19	8.17	3.6
1960 to 1969	26,191	1,454	10,010	11,371	55.51	0.38	0.43	6.88	7.82	4.1
1970 to 1979	36,274	2,492	16,148	18,344	68.71	0.45	0.51	6.48	7.36	3.6
1980 to 1990	29,685	1,863	12,485	14,183	62.75	0.42	0.48	6.70	7.61	4.2

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
 • See "Glossary" for definition of terms used in this report.
 Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R9.90s. Total and Average Site Consumption and Expenditures for Electricity in Residential Buildings, 1990

Building Characteristics	Total				Average					RSE Row Fac- tors
	Floorspace (million sq.ft.)	Consumption (trillion Btu)	Expenditures (million dollars)		Consumption (thousand Btu per sq.ft.)	Expenditures (dollars per sq.ft.)		Expenditures (dollars per million Btu)		
			1987 Dollars	1990 Dollars		1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
RSE Column Factors:	1.3	1.4	1.3	1.3	1.1	1.0	1.0	0.5	0.5	
All Buildings	169,204	3,031	62,972	71,537	17.92	0.37	0.42	20.77	23.60	1.7
Census Region										
Northeast	40,345	467	12,807	14,549	11.58	0.32	0.36	27.42	31.15	2.6
Midwest	46,939	664	13,526	15,366	14.14	0.29	0.33	20.38	23.16	3.8
South	52,440	1,361	25,636	29,123	25.96	0.49	0.56	18.83	21.39	2.8
West	29,481	539	11,003	12,499	18.30	0.37	0.42	20.40	23.17	4.2
Census Division										
New England	9,294	104	2,708	3,077	11.18	0.29	0.33	26.06	29.60	3.6
Middle Atlantic	31,051	363	10,099	11,472	11.70	0.33	0.37	27.81	31.59	3.1
East North Central	33,757	469	9,679	10,995	13.89	0.29	0.33	20.64	23.45	5.3
West North Central	13,181	195	3,847	4,371	14.76	0.29	0.33	19.77	22.46	3.8
South Atlantic	26,612	673	13,420	15,245	25.29	0.50	0.57	19.94	22.65	4.4
East South Central	10,770	277	4,238	4,814	25.72	0.39	0.45	15.30	17.38	6.5
West South Central	15,057	411	7,978	9,063	27.31	0.53	0.60	19.40	22.04	4.0
Mountain	7,818	142	2,748	3,121	18.13	0.35	0.40	19.38	22.02	7.3
Pacific	21,663	398	8,255	9,377	18.36	0.38	0.43	20.76	23.58	5.4
Type of Home										
Mobile Home	4,895	162	3,079	3,497	33.01	0.63	0.71	19.05	21.65	7.4
Single-Family										
Detached	130,833	2,197	44,924	51,033	16.79	0.34	0.39	20.20	23.23	2.2
Single-Family										
Attached	10,014	189	4,061	4,613	18.83	0.41	0.46	21.53	24.46	7.8
2 to 4 Units	11,784	201	4,686	5,323	17.05	0.40	0.45	23.32	26.49	6.6
5 or More Units	11,679	283	6,223	7,069	24.27	0.53	0.61	21.96	24.95	5.0
Building Floorspace (square feet)										
Fewer than 1,001	8,275	291	5,716	6,493	35.13	0.69	0.78	19.66	22.34	4.2
1,001 to 2,000	41,190	964	19,487	22,137	23.42	0.47	0.54	20.20	22.95	2.8
2,001 to 5,000	96,277	1,411	29,686	33,723	14.66	0.31	0.35	21.03	23.89	2.4
5,001 to 10,000	14,465	191	4,127	4,688	13.21	0.29	0.32	21.59	24.53	6.5
10,001 to 25,000	4,441	85	1,825	2,073	19.10	0.41	0.47	21.52	24.44	11.6
25,001 to 50,000	1,135	24	606	688	21.56	0.53	0.61	24.75	28.11	11.8
50,001 to 100,000	1,930	44	972	1,104	22.60	0.50	0.57	22.29	25.33	11.9
100,001 to 200,000	820	13	308	349	15.55	0.38	0.43	24.12	27.41	22.6
Over 200,000	673	8	246	280	11.91	0.37	0.42	30.73	34.91	24.6
Year Constructed										
1939 or Before	40,769	512	11,466	13,025	12.55	0.28	0.32	22.41	25.46	3.2
1940 to 1949	11,592	192	3,931	4,465	16.54	0.34	0.39	20.51	23.29	4.9
1950 to 1959	24,694	410	8,932	10,147	16.61	0.36	0.41	21.78	24.74	3.6
1960 to 1969	26,191	480	10,010	11,371	18.33	0.38	0.43	20.85	23.69	4.1
1970 to 1979	36,274	823	16,148	18,344	22.68	0.45	0.51	19.62	22.29	3.6
1980 to 1990	29,685	615	12,485	14,183	20.72	0.42	0.48	20.30	23.06	4.2

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
 • See "Glossary" for definition of terms used in this report.
 Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R10.90. Total and Average Consumption and Expenditures for Natural Gas in Residential Buildings, 1990

Building Characteristics	Total				Average					RSE Row Fac- tors
	Floorspace (million sq.ft.)	Consumption (trillion Btu)	Expenditures (million dollars)		Consumption (thousand Btu per sq.ft.)	Expenditures (dollars per sq.ft.)		Expenditures (dollars per million Btu)		
			1987 Dollars	1990 Dollars		1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
RSE Column Factors:	1.7	1.8	1.6	1.6	0.9	0.9	0.9	0.4	0.4	
All Buildings	106,320	4,863	23,998	27,261	45.74	0.23	0.26	4.93	5.61	2.2
Census Region										
Northeast	23,591	1,033	6,447	7,324	43.81	0.27	0.31	6.24	7.09	5.1
Midwest	34,701	1,881	8,125	9,230	54.22	0.23	0.27	4.32	4.91	2.8
South	26,626	1,030	5,201	5,909	38.70	0.20	0.22	5.05	5.73	5.4
West	21,402	918	4,224	4,798	42.91	0.20	0.22	4.60	5.22	4.3
Census Division										
New England	3,460	156	1,066	1,211	44.95	0.31	0.35	6.85	7.79	7.2
Middle Atlantic	20,131	878	5,382	6,113	43.61	0.27	0.30	6.13	6.96	5.7
East North Central	24,720	1,388	6,075	6,901	56.13	0.25	0.28	4.38	4.97	3.5
West North Central	9,981	494	2,050	2,329	49.48	0.21	0.23	4.15	4.72	3.7
South Atlantic	9,917	373	2,234	2,538	37.65	0.23	0.26	5.98	6.80	6.7
East South Central	5,547	209	879	998	37.64	0.16	0.18	4.21	4.78	11.9
West South Central	11,162	448	2,089	2,373	40.15	0.19	0.21	4.66	5.30	7.0
Mountain	6,000	334	1,382	1,570	55.62	0.23	0.26	4.14	4.70	7.5
Pacific	15,401	585	2,842	3,228	37.96	0.18	0.21	4.86	5.52	3.7
Type of Home										
Mobile Home	1,954	153	718	815	78.33	0.37	0.42	4.69	5.32	8.4
Single-Family										
Detached	81,943	3,453	16,545	18,795	42.14	0.20	0.23	4.79	5.44	2.7
Single-Family										
Attached	6,014	276	1,479	1,680	45.88	0.25	0.28	5.36	6.09	7.1
2 to 4 Units	9,034	621	3,342	3,797	68.75	0.37	0.42	5.38	6.11	6.4
5 or More Units	7,375	360	1,914	2,175	48.83	0.26	0.29	5.32	6.04	6.5
Building Floorspace (square feet)										
Fewer than 1,001	4,016	323	1,564	1,777	80.56	0.39	0.44	4.84	5.49	4.8
1,001 to 2,000	25,748	1,418	6,954	7,900	55.07	0.27	0.31	4.90	5.57	3.1
2,001 to 5,000	60,127	2,501	12,284	13,955	41.59	0.20	0.23	4.91	5.58	2.6
5,001 to 10,000	10,140	388	1,950	2,216	38.22	0.19	0.22	5.03	5.72	7.6
10,001 to 25,000	3,080	118	619	703	38.37	0.20	0.23	5.24	5.95	11.8
25,001 to 50,000	825	38	207	235	46.24	0.25	0.28	5.41	6.15	14.4
50,001 to 100,000	1,075	36	202	230	33.59	0.19	0.21	5.60	6.37	19.4
100,001 to 200,000	697	25	126	144	35.29	0.18	0.21	5.14	5.84	27.3
Over 200,000	613	17	90	102	27.34	0.15	0.17	5.38	6.11	32.0
Year Constructed										
1939 or Before	29,493	1,565	7,920	8,998	53.07	0.27	0.31	5.06	5.75	3.2
1940 to 1949	8,734	445	2,236	2,540	50.95	0.26	0.29	5.02	5.71	4.2
1950 to 1959	17,596	810	4,010	4,555	46.05	0.23	0.26	4.95	5.62	3.5
1960 to 1969	17,918	774	3,869	4,395	43.19	0.22	0.25	5.00	5.68	4.5
1970 to 1979	18,351	781	3,702	4,205	42.55	0.20	0.23	4.74	5.39	4.1
1980 to 1990	14,227	488	2,261	2,569	34.30	0.16	0.18	4.63	5.26	6.4

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
 • See "Glossary" for definition of terms used in this report.
 Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R11.90. Total and Average Consumption and Expenditures for Fuel Oil in Residential Buildings, 1990

Building Characteristics	Total				Average					RSE Row Factors
	Floorspace (million sq.ft.)	Consumption (trillion Btu)	Expenditures (million dollars)		Consumption (thousand Btu per sq.ft.)	Expenditures (dollars per sq.ft.)		Expenditures (dollars per million Btu)		
			1987 Dollars	1990 Dollars		1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
RSE Column Factors:	2.3	2.2	2.2	2.2	1.0	1.1	1.1	0.2	0.2	
All Buildings	25,386	976	6,713	7,631	38.46	0.26	0.30	6.88	7.82	3.2
Census Region										
Northeast	17,581	757	5,212	5,921	43.04	0.30	0.34	6.89	7.83	2.8
Midwest	3,842	121	819	931	31.62	0.21	0.24	6.75	7.66	9.4
South	2,978	79	557	633	26.42	0.19	0.21	7.08	8.04	10.4
West	Q	Q	Q	Q	19.84	0.13	0.15	6.60	7.49	39.6
Census Division										
New England	5,604	244	1,688	1,917	43.47	0.30	0.34	6.93	7.87	3.4
Middle Atlantic	11,977	513	3,525	4,004	42.84	0.29	0.33	6.87	7.80	3.6
East North Central	3,024	93	635	721	30.85	0.21	0.24	6.81	7.73	11.7
West North Central	818	28	184	209	34.44	0.23	0.26	6.54	7.43	10.0
South Atlantic	2,670	73	519	589	27.36	0.19	0.22	7.10	8.06	11.2
East South Central	Q	Q	Q	Q	18.26	0.12	0.14	6.83	7.75	17.1
West South Central	*	*	*	*	NC	NC	NC	NC	NC	0.0
Mountain	Q	Q	Q	Q	24.73	0.17	0.19	6.75	7.67	0.5
Pacific	Q	Q	Q	Q	18.87	0.12	0.14	6.55	7.45	50.9
Type of Home										
Mobile Home	286	18	129	147	62.10	0.45	0.51	7.26	8.25	13.2
Single-Family										
Detached	20,069	703	4,929	5,599	35.05	0.25	0.28	7.01	7.96	3.5
Single-Family										
Attached	1,448	57	407	462	39.42	0.28	0.32	7.13	8.10	11.0
2 to 4 Units	1,809	114	815	926	63.17	0.45	0.51	7.13	8.10	6.7
5 or More Units	1,774	84	438	498	47.21	0.25	0.28	5.23	5.94	8.4
Building Floorspace (square feet)										
Fewer than 1,001	578	38	278	316	66.16	0.48	0.55	7.28	8.27	10.3
1,001 to 2,000	3,301	159	1,127	1,280	48.11	0.34	0.39	7.10	8.06	5.3
2,001 to 5,000	17,123	621	4,336	4,926	36.26	0.25	0.29	6.98	7.93	4.4
5,001 to 10,000	2,676	90	638	725	33.67	0.24	0.27	7.08	8.05	5.7
10,001 to 25,000	Q	Q	Q	Q	29.86	0.19	0.22	6.35	7.21	43.2
25,001 to 50,000	245	Q	Q	Q	55.43	0.26	0.30	4.74	5.39	21.1
50,001 to 100,000	490	20	96	109	41.17	0.20	0.22	4.74	5.38	8.1
100,001 to 200,000	Q	14	67	76	40.29	0.19	0.22	4.74	5.39	20.5
Over 200,000	325	12	55	62	35.41	0.17	0.19	4.74	5.39	4.4
Year Constructed										
1939 or Before	9,777	399	2,723	3,094	40.82	0.28	0.32	6.82	7.75	5.5
1940 to 1949	1,802	73	512	582	40.67	0.28	0.32	6.98	7.93	8.5
1950 to 1959	4,974	208	1,462	1,661	41.86	0.29	0.33	7.02	7.98	6.7
1960 to 1969	3,716	132	900	1,022	35.59	0.24	0.28	6.80	7.73	7.1
1970 to 1979	4,187	137	940	1,067	32.82	0.22	0.25	6.84	7.77	8.5
1980 to 1990	931	26	181	206	28.09	0.19	0.22	6.93	7.87	11.6

* = Value rounds to zero in the units displayed.

NC = No cases in sample.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R12A.90p. Total Primary Consumption and Number of Buildings for All End Uses by Energy Source in Residential Buildings, 1990

Building Characteristics	Energy Sources												RSE Row Factors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		LPG		
	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	
	0.4	0.4	0.4	0.5	0.7	0.8	1.3	1.3	1.8	2.9	1.9	2.3	
RSE Column Factors:	0.4	0.4	0.4	0.5	0.7	0.8	1.3	1.3	1.8	2.9	1.9	2.3	
All Buildings	74,213	15,368	74,179	9,182	44,829	4,863	9,151	976	5,112	65	7,979	281	4.1
Census Region													
Northeast	13,903	3,246	13,903	1,415	7,714	1,033	5,636	757	1,120	21	1,122	20	7.6
Midwest	18,738	4,153	18,738	2,010	13,632	1,881	1,500	121	1,292	Q	2,361	131	8.1
South	26,735	5,364	26,735	4,123	13,172	1,030	1,616	79	2,460	34	3,428	98	8.0
West	14,837	2,605	14,804	1,634	10,312	918	Q	Q	240	Q	1,068	32	8.7
Census Division													
New England	3,162	728	3,162	315	1,074	156	1,907	244	237	7	525	8	10.9
Middle Atlantic	10,741	2,517	10,741	1,100	6,640	878	3,728	513	883	Q	598	12	9.1
East North Central	13,306	2,997	13,306	1,420	9,607	1,388	1,223	93	1,068	Q	1,589	87	11.0
West North Central	5,433	1,157	5,433	589	4,025	494	277	28	224	1	771	45	11.2
South Atlantic	13,403	2,560	13,403	2,039	4,545	373	1,463	73	1,783	26	1,898	49	11.5
East South Central	5,436	1,090	5,436	839	2,461	209	Q	Q	586	8	861	28	16.6
West South Central	7,896	1,714	7,896	1,246	6,165	448	*	*	91	*	670	Q	14.9
Mountain	4,167	781	4,167	429	3,276	334	Q	Q	99	Q	Q	Q	19.3
Pacific	10,670	1,824	10,637	1,204	7,036	585	Q	Q	142	Q	857	18	10.1
Type of Home													
Mobile Home	5,212	735	5,212	489	2,004	153	359	18	942	25	1,691	50	20.2
Single-Family													
Detached	58,363	11,071	58,330	6,654	36,202	3,453	7,519	703	3,809	36	6,115	224	5.4
Single-Family													
Attached	6,001	906	6,001	571	3,319	276	716	57	300	2	Q	Q	18.3
2 to 4 Units	3,644	1,352	3,644	609	2,700	621	479	114	Q	Q	101	7	15.2
5 or More Units	993	1,304	993	858	604	360	78	84	Q	Q	Q	Q	16.1
Building Floorspace (square feet)													
Fewer than 1,001	10,356	1,331	10,323	881	4,957	323	743	38	1,339	29	2,377	59	11.4
1,001 to 2,000	27,736	4,636	27,736	2,921	17,117	1,418	2,187	159	1,960	25	3,065	112	7.8
2,001 to 5,000	33,448	7,508	33,448	4,275	20,863	2,501	5,766	621	1,764	9	2,458	102	6.8
5,001 to 10,000	2,263	1,065	2,263	579	1,607	388	414	90	42	Q	76	Q	18.0
10,001 to 25,000	339	385	339	257	237	118	Q	Q	Q	Q	Q	Q	34.9
25,001 to 50,000	34	126	34	74	25	38	Q	Q	*	*	*	*	37.6
50,001 to 100,000	29	188	29	132	16	36	7	20	*	*	*	*	35.0
100,001 to 200,000	7	77	7	39	5	25	Q	14	*	*	*	*	60.9
Over 200,000	2	53	2	24	2	17	1	12	*	*	Q	Q	32.8
Year Constructed													
1939 or Before	16,760	3,607	16,760	1,550	11,758	1,565	3,258	399	1,285	19	1,766	74	8.8
1940 to 1949	6,069	1,129	6,069	581	4,347	445	804	73	377	3	699	26	13.8
1950 to 1959	11,883	2,297	11,883	1,242	8,194	810	2,041	208	580	5	890	31	10.5
1960 to 1969	11,356	2,386	11,356	1,454	7,636	774	1,454	132	621	3	1,036	24	11.8
1970 to 1979	15,329	3,495	15,329	2,492	7,656	781	1,246	137	1,485	27	1,744	57	10.2
1980 to 1990	12,815	2,454	12,782	1,863	5,239	488	349	26	764	8	1,844	69	13.7

* = Value rounds to zero in the units displayed.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R12A.90s. Total Site Consumption and Number of Buildings for All End Uses by Energy Source in Residential Buildings, 1990

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		LPG		
	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	
RSE Column Factors:	0.4	0.5	0.4	0.5	0.7	0.8	1.3	1.3	1.8	2.9	1.9	2.3	
All Buildings	74,213	9,218	74,179	3,031	44,829	4,863	9,151	976	5,112	65	7,979	281	4.3
Census Region													
Northeast	13,903	2,298	13,903	467	7,714	1,033	5,636	757	1,120	21	1,122	20	7.6
Midwest	18,738	2,807	18,738	664	13,632	1,881	1,500	121	1,292	Q	2,361	131	8.3
South	26,735	2,602	26,735	1,361	13,172	1,030	1,616	79	2,460	34	3,428	98	8.3
West	14,837	1,510	14,804	539	10,312	918	Q	Q	240	Q	1,068	32	9.0
Census Division													
New England	3,162	518	3,162	104	1,074	156	1,907	244	237	7	525	8	11.0
Middle Atlantic	10,741	1,781	10,741	363	6,640	878	3,728	513	883	Q	598	12	9.2
East North Central	13,306	2,045	13,306	469	9,607	1,388	1,223	93	1,068	Q	1,589	87	11.2
West North Central	5,433	762	5,433	195	4,025	494	277	28	224	1	771	45	11.4
South Atlantic	13,403	1,195	13,403	673	4,545	373	1,463	73	1,783	26	1,898	49	11.9
East South Central	5,436	528	5,436	277	2,461	209	Q	Q	586	8	861	28	17.1
West South Central	7,896	880	7,896	411	6,165	448	*	*	91	*	670	Q	14.9
Mountain	4,167	493	4,167	142	3,276	334	Q	Q	99	Q	Q	Q	19.8
Pacific	10,670	1,017	10,637	398	7,036	585	Q	Q	142	Q	857	18	10.2
Type of Home													
Mobile Home	5,212	407	5,212	162	2,004	153	359	18	942	25	1,691	50	20.2
Single-Family													
Detached	58,363	6,613	58,330	2,197	36,202	3,453	7,519	703	3,809	36	6,115	224	5.4
Single-Family													
Attached	6,001	524	6,001	189	3,319	276	716	57	300	2	Q	Q	18.1
2 to 4 Units	3,644	945	3,644	201	2,700	621	479	114	Q	Q	101	7	15.0
5 or More Units	993	729	993	283	604	360	78	84	Q	Q	Q	Q	15.8
Building Floorspace (square feet)													
Fewer than 1,001	10,356	741	10,323	291	4,957	323	743	38	1,339	29	2,377	59	11.4
1,001 to 2,000	27,736	2,679	27,736	965	17,117	1,418	2,187	159	1,960	25	3,065	112	7.8
2,001 to 5,000	33,448	4,644	33,448	1,411	20,863	2,501	5,766	621	1,764	9	2,458	102	6.8
5,001 to 10,000	2,263	677	2,263	191	1,607	388	414	90	42	Q	76	Q	18.1
10,001 to 25,000	339	213	339	85	237	118	Q	Q	Q	Q	Q	Q	34.3
25,001 to 50,000	34	76	34	24	25	38	Q	Q	*	*	*	*	37.4
50,001 to 100,000	29	100	29	44	16	36	7	20	*	*	*	*	33.8
100,001 to 200,000	7	51	7	13	5	25	Q	14	*	*	*	*	60.8
Over 200,000	2	36	2	8	2	17	1	12	*	*	Q	Q	32.4
Year Constructed													
1939 or Before	16,760	2,569	16,760	512	11,758	1,565	3,258	399	1,285	19	1,766	74	8.8
1940 to 1949	6,069	740	6,069	192	4,347	445	804	73	377	3	699	26	13.8
1950 to 1959	11,883	1,465	11,883	410	8,194	810	2,041	208	580	5	890	31	10.5
1960 to 1969	11,356	1,412	11,356	480	7,636	774	1,454	132	621	3	1,036	24	11.8
1970 to 1979	15,329	1,825	15,329	823	7,656	781	1,246	137	1,485	27	1,744	57	10.1
1980 to 1990	12,815	1,206	12,782	615	5,239	488	349	26	764	8	1,844	69	13.8

* = Value rounds to zero in the units displayed.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R12B.90p. Total Primary Consumption and Floorspace for All End Uses by Energy Source in Residential Buildings, 1990

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		LPG		
	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	
	0.5	0.4	0.5	0.5	0.8	0.8	1.3	1.2	1.9	2.8	1.8	2.2	
RSE Column Factors:	0.5	0.4	0.5	0.5	0.8	0.8	1.3	1.2	1.9	2.8	1.8	2.2	
All Buildings	169,227	15,368	169,204	9,182	106,320	4,863	25,386	976	9,338	65	13,876	281	4.5
Census Region													
Northeast	40,345	3,246	40,345	1,415	23,591	1,033	17,581	757	2,443	21	2,308	20	8.1
Midwest	46,939	4,153	46,939	2,010	34,701	1,881	3,842	121	2,878	Q	5,006	131	8.9
South	52,440	5,364	52,440	4,123	26,626	1,030	2,978	79	3,458	34	5,074	98	9.0
West	29,503	2,605	29,481	1,634	21,402	918	Q	Q	559	Q	1,488	32	8.6
Census Division													
New England	9,294	728	9,294	315	3,460	156	5,604	244	402	7	1,138	8	11.1
Middle Atlantic	31,051	2,517	31,051	1,100	20,131	878	11,977	513	2,041	Q	1,170	12	9.7
East North Central	33,757	2,997	33,757	1,420	24,720	1,388	3,024	93	2,456	Q	3,301	87	11.7
West North Central	13,181	1,157	13,181	589	9,981	494	818	28	422	1	1,706	45	11.5
South Atlantic	26,612	2,560	26,612	2,039	9,917	373	2,670	73	2,542	26	2,830	49	11.8
East South Central	10,770	1,090	10,770	839	5,547	209	Q	Q	790	8	1,204	28	20.1
West South Central	15,057	1,714	15,057	1,246	11,162	448	*	*	125	*	Q	Q	14.6
Mountain	7,818	781	7,818	429	6,000	334	Q	Q	256	Q	Q	Q	19.2
Pacific	21,685	1,824	21,663	1,204	15,401	585	Q	Q	303	Q	1,082	18	10.0
Type of Home													
Mobile Home	4,895	735	4,895	489	1,954	153	286	18	818	25	1,455	50	20.5
Single-Family													
Detached	130,855	11,071	130,833	6,654	81,943	3,453	20,069	703	7,524	36	11,851	224	5.9
Single-Family													
Attached	10,014	906	10,014	571	6,014	276	1,448	57	629	2	Q	Q	19.6
2 to 4 Units	11,784	1,352	11,784	609	9,034	621	1,809	114	Q	Q	390	7	15.1
5 or More Units	11,679	1,304	11,679	858	7,375	360	1,774	84	Q	Q	Q	Q	13.9
Building Floorspace (square feet)													
Fewer than 1,001	8,297	1,331	8,275	881	4,016	323	578	38	1,053	29	1,772	59	11.5
1,001 to 2,000	41,190	4,636	41,190	2,921	25,748	1,418	3,301	159	2,757	25	4,350	112	7.8
2,001 to 5,000	96,277	7,508	96,277	4,275	60,127	2,501	17,123	621	5,128	9	7,169	102	7.1
5,001 to 10,000	14,465	1,065	14,465	579	10,140	388	2,676	90	Q	Q	512	Q	17.0
10,001 to 25,000	4,441	385	4,441	257	3,080	118	Q	Q	Q	Q	Q	Q	32.8
25,001 to 50,000	1,135	126	1,135	74	825	38	245	Q	*	*	*	*	36.1
50,001 to 100,000	1,930	188	1,930	132	1,075	36	490	20	*	*	*	*	34.8
100,001 to 200,000	820	77	820	39	697	25	Q	14	*	*	*	*	59.5
Over 200,000	673	53	673	24	613	17	325	12	*	*	Q	Q	33.4
Year Constructed													
1939 or Before	40,769	3,607	40,769	1,550	29,493	1,565	9,777	399	2,572	19	3,547	74	8.7
1940 to 1949	11,592	1,129	11,592	581	8,734	445	1,802	73	649	3	1,092	26	13.8
1950 to 1959	24,694	2,297	24,694	1,242	17,596	810	4,974	208	984	5	1,202	31	11.1
1960 to 1969	26,191	2,386	26,191	1,454	17,918	774	3,716	132	1,382	3	1,672	24	12.2
1970 to 1979	36,274	3,495	36,274	2,492	18,351	781	4,187	137	2,626	27	3,032	57	10.7
1980 to 1990	29,708	2,454	29,685	1,863	14,227	488	931	26	1,125	8	3,332	69	13.7

* = Value rounds to zero in the units displayed.
Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.
Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
• See "Glossary" for definition of terms used in this report.
Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R12B.90s. Total Site Consumption and Floorspace for All End Uses by Energy Source in Residential Buildings, 1990

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		LPG		
	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	
	0.5	0.5	0.5	0.5	0.7	0.8	1.3	1.2	1.9	2.8	1.8	2.2	
All Buildings	169,227	9,218	169,204	3,031	106,320	4,863	25,386	976	9,338	65	13,876	281	4.6
Census Region													
Northeast	40,345	2,298	40,345	467	23,591	1,033	17,581	757	2,443	21	2,308	20	8.1
Midwest	46,939	2,807	46,939	664	34,701	1,881	3,842	121	2,878	Q	5,006	131	9.2
South	52,440	2,602	52,440	1,361	26,626	1,030	2,978	79	3,458	34	5,074	98	9.4
West	29,503	1,510	29,481	539	21,402	918	Q	Q	559	Q	1,488	32	9.0
Census Division													
New England	9,294	518	9,294	104	3,460	156	5,604	244	402	7	1,138	8	11.2
Middle Atlantic	31,051	1,781	31,051	363	20,131	878	11,977	513	2,041	Q	1,170	12	9.8
East North Central	33,757	2,045	33,757	469	24,720	1,388	3,024	93	2,456	Q	3,301	87	11.9
West North Central	13,181	762	13,181	195	9,981	494	818	28	422	1	1,706	45	11.7
South Atlantic	26,612	1,195	26,612	673	9,917	373	2,670	73	2,542	26	2,830	49	12.3
East South Central	10,770	528	10,770	277	5,547	209	Q	Q	790	8	1,204	28	20.7
West South Central	15,057	880	15,057	411	11,162	448	*	*	125	*	Q	Q	14.5
Mountain	7,818	493	7,818	142	6,000	334	Q	Q	256	Q	Q	Q	19.7
Pacific	21,685	1,017	21,663	398	15,401	585	Q	Q	303	Q	1,082	18	10.1
Type of Home													
Mobile Home	4,895	407	4,895	162	1,954	153	286	18	818	25	1,455	50	20.6
Single-Family													
Detached	130,855	6,613	130,833	2,197	81,943	3,453	20,069	703	7,524	36	11,851	224	5.9
Single-Family													
Attached	10,014	524	10,014	189	6,014	276	1,448	57	629	2	Q	Q	19.4
2 to 4 Units	11,784	945	11,784	201	9,034	621	1,809	114	Q	Q	390	7	14.9
5 or More Units	11,679	729	11,679	283	7,375	360	1,774	84	Q	Q	Q	Q	13.6
Building Floorspace (square feet)													
Fewer than 1,001	8,297	741	8,275	291	4,016	323	578	38	1,053	29	1,772	59	11.5
1,001 to 2,000	41,190	2,679	41,190	965	25,748	1,418	3,301	159	2,757	25	4,350	112	7.8
2,001 to 5,000	96,277	4,644	96,277	1,411	60,127	2,501	17,123	621	5,128	9	7,169	102	7.1
5,001 to 10,000	14,465	677	14,465	191	10,140	388	2,676	90	Q	Q	512	Q	17.1
10,001 to 25,000	4,441	213	4,441	85	3,080	118	Q	Q	Q	Q	Q	Q	32.2
25,001 to 50,000	1,135	76	1,135	24	825	38	245	Q	*	*	*	*	35.9
50,001 to 100,000	1,930	100	1,930	44	1,075	36	490	20	*	*	*	*	33.6
100,001 to 200,000	820	51	820	13	697	25	Q	14	*	*	*	*	59.5
Over 200,000	673	36	673	8	613	17	325	12	*	*	Q	Q	32.9
Year Constructed													
1939 or Before	40,769	2,569	40,769	512	29,493	1,565	9,777	399	2,572	19	3,547	74	8.7
1940 to 1949	11,592	740	11,592	192	8,734	445	1,802	73	649	3	1,092	26	13.8
1950 to 1959	24,694	1,465	24,694	410	17,596	810	4,974	208	984	5	1,202	31	11.2
1960 to 1969	26,191	1,412	26,191	480	17,918	774	3,716	132	1,382	3	1,672	24	12.2
1970 to 1979	36,274	1,825	36,274	823	18,351	781	4,187	137	2,626	27	3,032	57	10.7
1980 to 1990	29,708	1,206	29,685	615	14,227	488	931	26	1,125	8	3,332	69	13.8

* = Value rounds to zero in the units displayed.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R13A.90p. Space Heating Primary Consumption and Number of Buildings by Energy Source in Residential Buildings, 1990

Building Characteristics	Energy Sources												RSE Row Factors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		LPG		
	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	
	0.4	NF	0.7	NF	0.7	NF	1.2	NF	1.7	NF	2.1	NF	
All Buildings	73,022	5,404	28,554	917	42,506	3,367	9,118	866	5,047	65	5,025	189	4.9
Census Region													
Northeast	13,824	1,518	3,617	124	6,404	716	5,616	650	1,120	21	218	9	9.2
Midwest	18,490	1,829	4,501	177	13,505	1,427	1,497	120	1,227	Q	1,733	96	9.8
South	26,471	1,229	14,314	380	12,639	673	1,615	77	2,460	34	2,578	66	8.7
West	14,237	828	6,123	237	9,958	551	Q	Q	240	Q	496	18	10.3
Census Division													
New England	3,153	357	933	32	764	99	1,900	217	237	7	Q	Q	11.2
Middle Atlantic	10,672	1,161	2,684	91	5,641	617	3,716	432	883	Q	154	7	11.0
East North Central	13,122	1,350	3,154	134	9,512	1,051	1,223	93	1,035	Q	1,139	65	12.9
West North Central	5,368	479	1,347	43	3,993	376	274	28	192	1	594	32	14.7
South Atlantic	13,277	575	8,139	197	4,128	250	1,463	71	1,783	26	1,276	31	12.5
East South Central	5,298	284	2,788	102	2,461	146	Q	Q	586	8	734	23	17.0
West South Central	7,896	369	3,387	81	6,050	277	*	*	91	*	Q	Q	16.3
Mountain	4,138	286	1,439	38	3,206	234	Q	Q	99	Q	Q	Q	18.8
Pacific	10,099	541	4,683	199	6,751	317	Q	Q	142	Q	323	9	12.2
Type of Home													
Mobile Home	5,171	252	1,929	63	1,994	110	359	18	942	25	1,213	37	21.0
Single-Family													
Detached	57,303	3,878	22,016	590	34,767	2,461	7,508	642	3,745	36	3,789	150	5.6
Single-Family													
Attached	5,963	333	2,976	87	2,896	193	716	51	300	2	*	*	20.2
2 to 4 Units	3,595	595	1,140	67	2,351	424	460	100	Q	Q	Q	Q	16.6
5 or More Units	991	346	494	110	499	180	74	55	Q	Q	*	*	17.7
Building Floorspace (square feet)													
Fewer than 1,001	9,941	429	4,019	106	4,616	221	724	35	1,323	29	1,335	39	11.8
1,001 to 2,000	27,293	1,501	11,219	294	16,486	958	2,184	145	1,952	25	2,174	79	8.2
2,001 to 5,000	33,127	2,831	12,301	396	19,744	1,799	5,759	561	1,723	9	1,493	67	7.1
5,001 to 10,000	2,252	402	817	59	1,428	257	414	80	42	Q	Q	Q	19.5
10,001 to 25,000	338	105	165	26	201	71	Q	Q	Q	Q	*	*	37.5
25,001 to 50,000	34	34	16	8	17	18	Q	Q	*	*	*	*	40.5
50,001 to 100,000	29	56	16	Q	Q	21	Q	Q	*	*	*	*	53.9
100,001 to 200,000	7	25	2	3	3	13	Q	Q	*	*	*	*	64.8
Over 200,000	2	19	Q	Q	1	Q	1	9	*	*	*	*	29.0
Year Constructed													
1939 or Before	16,492	1,694	4,763	102	10,768	1,159	3,254	364	1,277	19	1,018	50	9.7
1940 to 1949	5,987	457	1,849	43	4,188	328	801	67	377	3	316	15	15.2
1950 to 1959	11,669	852	3,938	92	7,748	558	2,018	175	564	5	599	22	10.6
1960 to 1969	11,215	766	3,564	118	7,392	511	1,450	118	598	3	671	16	11.4
1970 to 1979	15,211	1,012	7,837	330	7,319	497	1,246	119	1,485	27	1,109	39	10.1
1980 to 1990	12,447	622	6,604	232	5,090	314	349	23	747	8	1,312	46	14.8

NF = No applicable RSE row/column factor, estimates derived from regression model.

* = Value rounds to zero in the units displayed.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R13A.90s. Space Heating Site Consumption and Number of Buildings by Energy Source in Residential Buildings, 1990

Building Characteristics	Energy Sources												RSE Row Factors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		LPG		
	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	
	0.4	NF	0.7	NF	0.7	NF	1.2	NF	1.7	NF	2.1	NF	
RSE Column Factors:	0.4	NF	0.7	NF	0.7	NF	1.2	NF	1.7	NF	2.1	NF	
All Buildings	73,022	4,790	28,554	303	42,506	3,367	9,118	866	5,047	65	5,025	189	4.9
Census Region													
Northeast	13,824	1,435	3,617	41	6,404	716	5,616	650	1,120	21	218	9	9.2
Midwest	18,490	1,711	4,501	58	13,505	1,427	1,497	120	1,227	Q	1,733	96	9.8
South	26,471	975	14,314	125	12,639	673	1,615	77	2,460	34	2,578	66	8.7
West	14,237	669	6,123	78	9,958	551	Q	Q	240	Q	496	18	10.3
Census Division													
New England	3,153	335	933	11	764	99	1,900	217	237	7	Q	Q	11.2
Middle Atlantic	10,672	1,100	2,684	30	5,641	617	3,716	432	883	Q	154	7	11.0
East North Central	13,122	1,261	3,154	44	9,512	1,051	1,223	93	1,035	Q	1,139	65	12.9
West North Central	5,368	450	1,347	14	3,993	376	274	28	192	1	594	32	14.7
South Atlantic	13,277	443	8,139	65	4,128	250	1,463	71	1,783	26	1,276	31	12.5
East South Central	5,298	216	2,788	34	2,461	146	Q	Q	586	8	734	23	17.0
West South Central	7,896	315	3,387	27	6,050	277	*	*	91	*	Q	Q	16.3
Mountain	4,138	261	1,439	12	3,206	234	Q	Q	99	Q	Q	Q	18.8
Pacific	10,099	408	4,683	66	6,751	317	Q	Q	142	Q	323	9	12.2
Type of Home													
Mobile Home	5,171	210	1,929	21	1,994	110	359	18	942	25	1,213	37	21.0
Single-Family													
Detached	57,303	3,483	22,016	195	34,767	2,461	7,508	642	3,745	36	3,789	150	5.6
Single-Family													
Attached	5,963	274	2,976	29	2,896	193	716	51	300	2	*	*	20.2
2 to 4 Units	3,595	550	1,140	22	2,351	424	460	100	Q	Q	Q	Q	16.6
5 or More Units	991	272	494	36	499	180	74	55	Q	Q	*	*	17.7
Building Floorspace (square feet)													
Fewer than 1,001	9,941	359	4,019	35	4,616	221	724	35	1,323	29	1,335	39	11.8
1,001 to 2,000	27,293	1,304	11,219	97	16,486	958	2,184	145	1,952	25	2,174	79	8.2
2,001 to 5,000	33,127	2,566	12,301	131	19,744	1,799	5,759	561	1,723	9	1,493	67	7.1
5,001 to 10,000	2,252	362	817	20	1,428	257	414	80	42	Q	Q	Q	19.5
10,001 to 25,000	338	88	165	9	201	71	Q	Q	Q	Q	*	*	37.5
25,001 to 50,000	34	28	16	3	17	18	Q	Q	*	*	*	*	40.5
50,001 to 100,000	29	40	16	Q	Q	21	Q	Q	*	*	*	*	53.9
100,001 to 200,000	7	24	2	1	3	13	Q	Q	*	*	*	*	64.8
Over 200,000	2	19	Q	Q	1	Q	1	9	*	*	*	*	29.0
Year Constructed													
1939 or Before	16,492	1,625	4,763	34	10,768	1,159	3,254	364	1,277	19	1,018	50	9.7
1940 to 1949	5,987	428	1,849	14	4,188	328	801	67	377	3	316	15	15.2
1950 to 1959	11,669	791	3,938	30	7,748	558	2,018	175	564	5	599	22	10.6
1960 to 1969	11,215	687	3,564	39	7,392	511	1,450	118	598	3	671	16	11.4
1970 to 1979	15,211	792	7,837	109	7,319	497	1,246	119	1,485	27	1,109	39	10.1
1980 to 1990	12,447	467	6,604	76	5,090	314	349	23	747	8	1,312	46	14.8

NF = No applicable RSE row/column factor, estimates derived from regression model.
 * = Value rounds to zero in the units displayed.
 Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.
 Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
 • See "Glossary" for definition of terms used in this report.
 Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R13B.90p. Space Heating Primary Consumption and Floorspace by Energy Source in Residential Buildings, 1990

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		LPG		
	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	
	0.4	NF	0.7	NF	0.8	NF	1.3	NF	1.7	NF	2.0	NF	
All Buildings	167,337	5,404	64,187	917	98,688	3,367	25,169	866	9,210	65	8,786	189	5.3
Census Region													
Northeast	40,122	1,518	11,015	124	18,532	716	17,412	650	2,443	21	418	9	10.0
Midwest	46,349	1,829	11,263	177	34,405	1,427	3,839	120	2,750	Q	3,717	96	11.0
South	52,091	1,229	29,603	380	25,342	673	2,943	77	3,458	34	3,922	66	10.0
West	28,776	828	12,306	237	20,409	551	Q	Q	559	Q	729	18	10.8
Census Division													
New England	9,228	357	3,010	32	2,462	99	5,584	217	402	7	Q	Q	11.6
Middle Atlantic	30,894	1,161	8,005	91	16,071	617	11,828	432	2,041	Q	296	7	12.0
East North Central	33,284	1,350	8,024	134	24,511	1,051	3,024	93	2,370	Q	2,424	65	14.2
West North Central	13,064	479	3,239	43	9,894	376	815	28	380	1	1,293	32	14.3
South Atlantic	26,446	575	16,766	197	8,983	250	2,635	71	2,542	26	2,014	31	12.8
East South Central	10,588	284	5,399	102	5,537	146	Q	Q	790	8	1,043	23	23.4
West South Central	15,057	369	7,438	81	10,822	277	*	*	125	*	Q	Q	17.8
Mountain	7,755	286	2,712	38	5,928	234	Q	Q	256	Q	Q	Q	19.9
Pacific	21,020	541	9,594	199	14,481	317	Q	Q	303	Q	423	9	12.4
Type of Home													
Mobile Home	4,861	252	1,889	63	1,945	110	286	18	818	25	1,107	37	21.9
Single-Family Detached	129,130	3,878	48,840	590	78,400	2,461	20,059	642	7,397	36	7,535	150	6.5
Single-Family Attached	9,988	333	4,368	87	5,315	193	1,448	51	629	2	*	*	23.0
2 to 4 Units	11,711	595	3,485	67	7,683	424	1,784	100	Q	Q	Q	Q	15.5
5 or More Units	11,647	346	5,605	110	5,345	180	1,592	55	Q	Q	*	*	17.3
Building Floorspace (square feet)													
Fewer than 1,001	7,986	429	3,253	106	3,746	221	567	35	1,041	29	1,027	39	12.1
1,001 to 2,000	40,591	1,501	16,783	294	24,839	958	3,298	145	2,745	25	3,091	79	8.2
2,001 to 5,000	95,396	2,831	34,661	396	56,666	1,799	17,103	561	5,026	9	4,484	67	7.7
5,001 to 10,000	14,388	402	5,427	59	8,976	257	2,676	80	Q	Q	Q	Q	17.3
10,001 to 25,000	4,419	105	2,183	26	2,536	71	Q	Q	Q	Q	*	*	34.0
25,001 to 50,000	1,135	34	538	8	545	18	Q	Q	*	*	*	*	38.6
50,001 to 100,000	1,930	56	1,065	Q	643	21	Q	Q	*	*	*	*	58.3
100,001 to 200,000	820	25	186	3	402	13	Q	Q	*	*	*	*	60.5
Over 200,000	673	19	Q	Q	335	Q	325	9	*	*	*	*	32.0
Year Constructed													
1939 or Before	40,250	1,694	11,481	102	25,951	1,159	9,769	364	2,559	19	1,993	50	9.8
1940 to 1949	11,483	457	3,582	43	8,260	328	1,799	67	649	3	412	15	15.2
1950 to 1959	24,326	852	7,728	92	16,568	558	4,816	175	941	5	831	22	11.8
1960 to 1969	25,936	766	8,397	118	17,089	511	3,704	118	1,353	3	1,101	16	12.1
1970 to 1979	36,061	1,012	18,610	330	17,105	497	4,151	119	2,626	27	1,955	39	11.1
1980 to 1990	29,282	622	14,389	232	13,714	314	931	23	1,082	8	2,494	46	14.5

NF = No applicable RSE row/column factor, estimates derived from regression model.

* = Value rounds to zero in the units displayed.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R13B.90s. Space Heating Site Consumption and Floorspace by Energy Source in Residential Buildings, 1990

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		LPG		
	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	
	0.4	NF	0.7	NF	0.8	NF	1.3	NF	1.7	NF	2.0	NF	
All Buildings	167,337	4,790	64,187	303	98,688	3,367	25,169	866	9,210	65	8,786	189	5.3
Census Region													
Northeast	40,122	1,435	11,015	41	18,532	716	17,412	650	2,443	21	418	9	10.0
Midwest	46,349	1,711	11,263	58	34,405	1,427	3,839	120	2,750	Q	3,717	96	11.0
South	52,091	975	29,603	125	25,342	673	2,943	77	3,458	34	3,922	66	10.0
West	28,776	669	12,306	78	20,409	551	Q	Q	559	Q	729	18	10.8
Census Division													
New England	9,228	335	3,010	11	2,462	99	5,584	217	402	7	Q	Q	11.6
Middle Atlantic	30,894	1,100	8,005	30	16,071	617	11,828	432	2,041	Q	296	7	12.0
East North Central	33,284	1,261	8,024	44	24,511	1,051	3,024	93	2,370	Q	2,424	65	14.2
West North Central	13,064	450	3,239	14	9,894	376	815	28	380	1	1,293	32	14.3
South Atlantic	26,446	443	16,766	65	8,983	250	2,635	71	2,542	26	2,014	31	12.8
East South Central	10,588	216	5,399	34	5,537	146	Q	Q	790	8	1,043	23	23.4
West South Central	15,057	315	7,438	27	10,822	277	*	*	125	*	Q	Q	17.8
Mountain	7,755	261	2,712	12	5,928	234	Q	Q	256	Q	Q	Q	19.9
Pacific	21,020	408	9,594	66	14,481	317	Q	Q	303	Q	423	9	12.4
Type of Home													
Mobile Home	4,861	210	1,889	21	1,945	110	286	18	818	25	1,107	37	21.9
Single-Family Detached	129,130	3,483	48,840	195	78,400	2,461	20,059	642	7,397	36	7,535	150	6.5
Single-Family Attached	9,988	274	4,368	29	5,315	193	1,448	51	629	2	*	*	23.0
2 to 4 Units	11,711	550	3,485	22	7,683	424	1,784	100	Q	Q	Q	Q	15.5
5 or More Units	11,647	272	5,605	36	5,345	180	1,592	55	Q	Q	*	*	17.3
Building Floorspace (square feet)													
Fewer than 1,001	7,986	359	3,253	35	3,746	221	567	35	1,041	29	1,027	39	12.1
1,001 to 2,000	40,591	1,304	16,783	97	24,839	958	3,298	145	2,745	25	3,091	79	8.2
2,001 to 5,000	95,396	2,566	34,661	131	56,666	1,799	17,103	561	5,026	9	4,484	67	7.7
5,001 to 10,000	14,388	362	5,427	20	8,976	257	2,676	80	Q	Q	Q	Q	17.3
10,001 to 25,000	4,419	88	2,183	9	2,536	71	Q	Q	Q	Q	*	*	34.0
25,001 to 50,000	1,135	28	538	3	545	18	Q	Q	*	*	*	*	38.6
50,001 to 100,000	1,930	40	1,065	Q	643	21	Q	Q	*	*	*	*	58.3
100,001 to 200,000	820	24	186	1	402	13	Q	Q	*	*	*	*	60.5
Over 200,000	673	19	Q	Q	335	Q	325	9	*	*	*	*	32.0
Year Constructed													
1939 or Before	40,250	1,625	11,481	34	25,951	1,159	9,769	364	2,559	19	1,993	50	9.8
1940 to 1949	11,483	428	3,582	14	8,260	328	1,799	67	649	3	412	15	15.2
1950 to 1959	24,326	791	7,728	30	16,568	558	4,816	175	941	5	831	22	11.8
1960 to 1969	25,936	687	8,397	39	17,089	511	3,704	118	1,353	3	1,101	16	12.1
1970 to 1979	36,061	792	18,610	109	17,105	497	4,151	119	2,626	27	1,955	39	11.1
1980 to 1990	29,282	467	14,389	76	13,714	314	931	23	1,082	8	2,494	46	14.5

NF = No applicable RSE row/column factor, estimates derived from regression model.

* = Value rounds to zero in the units displayed.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R14A.90p. Air Conditioning and Appliances Primary Consumption and Number of Buildings by Energy Source in Residential Buildings, 1990

Building Characteristics	Energy Source for Air Conditioning		Energy Sources for Appliances								RSE Row Factors
	Electricity		All Major Sources		Electricity		Natural Gas		LPG		
	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	
	RSE Column Factors:	0.9	NF	0.6	NF	0.6	NF	1.1	NF	2.9	
All Buildings	47,739	1,457	74,213	6,141	74,179	5,782	31,593	326	5,772	34	2.8
Census Region											
Northeast	7,402	94	13,903	1,141	13,903	1,058	6,208	78	1,015	6	5.5
Midwest	12,846	215	18,738	1,489	18,738	1,390	9,302	89	1,541	10	5.0
South	22,052	1,023	26,735	2,337	26,735	2,243	8,839	81	2,330	13	5.3
West	5,439	124	14,837	1,174	14,804	1,091	7,244	78	886	5	7.1
Census Division											
New England	1,368	13	3,162	243	3,162	230	820	10	475	3	11.0
Middle Atlantic	6,034	81	10,741	899	10,741	828	5,388	68	540	3	6.9
East North Central	8,393	128	13,306	1,056	13,306	980	6,789	69	1,023	7	7.4
West North Central	4,453	88	5,433	433	5,433	410	2,513	20	518	3	6.8
South Atlantic	10,978	470	13,403	1,125	13,403	1,089	3,046	28	1,374	8	8.8
East South Central	4,389	165	5,436	466	5,436	452	1,325	11	463	2	14.9
West South Central	6,685	388	7,896	747	7,896	701	4,467	43	494	Q	11.2
Mountain	1,523	47	4,167	318	4,167	304	1,727	13	Q	Q	13.5
Pacific	3,916	78	10,670	856	10,637	787	5,517	65	730	4	9.2
Type of Home											
Mobile Home	3,025	68	5,212	283	5,212	263	1,840	13	1,324	7	14.7
Single-Family											
Detached	37,893	1,060	58,363	4,575	58,330	4,322	25,102	228	4,296	25	3.8
Single-Family											
Attached	4,109	86	6,001	350	6,001	332	2,169	17	Q	Q	15.9
2 to 4 Units	2,083	85	3,644	431	3,644	390	2,097	39	80	1	12.1
5 or More Units	630	158	993	503	993	474	384	29	Q	Q	11.3
Building Floorspace (square feet)											
Fewer than 1,001	5,324	103	10,356	551	10,323	516	3,902	25	1,941	10	8.3
1,001 to 2,000	18,071	466	27,736	1,955	27,736	1,838	12,373	104	2,214	12	5.8
2,001 to 5,000	22,549	687	33,448	2,932	33,448	2,773	13,977	149	1,550	11	4.7
5,001 to 10,000	1,469	97	2,263	387	2,263	355	1,163	31	64	Q	16.1
10,001 to 25,000	275	58	339	146	339	139	152	7	Q	Q	26.7
25,001 to 50,000	22	12	34	50	34	47	11	3	*	*	30.1
50,001 to 100,000	23	22	29	73	29	70	10	3	*	*	26.4
100,001 to 200,000	4	9	7	27	7	25	Q	2	*	*	52.2
Over 200,000	2	5	2	20	2	18	2	2	Q	Q	35.4
Year Constructed											
1939 or Before	8,234	122	16,760	1,263	16,760	1,166	8,560	89	1,292	9	7.0
1940 to 1949	3,388	71	6,069	430	6,069	398	3,123	27	526	4	10.1
1950 to 1959	7,540	179	11,883	936	11,883	870	6,037	63	695	4	7.7
1960 to 1969	7,947	270	11,356	996	11,356	927	5,578	65	801	4	9.1
1970 to 1979	10,944	448	15,329	1,461	15,329	1,405	4,875	49	1,231	7	7.2
1980 to 1990	9,687	366	12,815	1,056	12,782	1,016	3,420	33	1,226	7	10.9

NF = No applicable RSE row/column factor, estimates derived from regression model.

* = Value rounds to zero in the units displayed.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R14A.90s. Air Conditioning and Appliances Site Consumption and Number of Buildings by Energy Source in Residential Buildings, 1990

Building Characteristics	Energy Source for Air Conditioning		Energy Sources for Appliances								RSE Row Factors
	Electricity		All Major Sources		Electricity		Natural Gas		LPG		
	Buildings (thou-sand)	Consump-tion (trillion Btu)	Buildings (thou-sand)	Consump-tion (trillion Btu)	Buildings (thou-sand)	Consump-tion (trillion Btu)	Buildings (thou-sand)	Consump-tion (trillion Btu)	Buildings (thou-sand)	Consump-tion (trillion Btu)	
	RSE Column Factors:	0.9	NF	0.6	NF	0.6	NF	1.1	NF	2.9	
All Buildings	47,739	481	74,213	2,269	74,179	1,909	31,593	326	5,772	34	2.8
Census Region											
Northeast	7,402	31	13,903	433	13,903	349	6,208	78	1015	6	5.5
Midwest	12,846	71	18,738	558	18,738	459	9,302	89	1541	10	5.0
South	22,052	338	26,735	835	26,735	741	8,839	81	2330	13	5.3
West	5,439	41	14,837	443	14,804	360	7,244	78	886	5	7.1
Census Division											
New England	1,368	4	3,162	89	3,162	76	820	10	475	3	11.0
Middle Atlantic	6,034	27	10,741	344	10,741	273	5,388	68	540	3	6.9
East North Central	8,393	42	13,306	399	13,306	323	6,789	69	1023	7	7.4
West North Central	4,453	29	5,433	158	5,433	135	2,513	20	518	3	6.8
South Atlantic	10,978	155	13,403	396	13,403	360	3,046	28	1374	8	8.8
East South Central	4,389	55	5,436	163	5,436	149	1,325	11	463	2	14.9
West South Central	6,685	128	7,896	277	7,896	232	4,467	43	494	Q	11.2
Mountain	1,523	15	4,167	114	4,167	100	1,727	13	Q	Q	13.5
Pacific	3,916	26	10,670	329	10,637	260	5,517	65	730	4	9.2
Type of Home											
Mobile Home	3,025	23	5,212	107	5,212	87	1,840	13	1324	7	14.7
Single-Family											
Detached	37,893	350	58,363	1,680	58,330	1,427	25,102	228	4296	25	3.8
Single-Family											
Attached	4,109	28	6,001	127	6,001	110	2,169	17	Q	Q	15.9
2 to 4 Units	2,083	28	3,644	169	3,644	129	2,097	39	80	1	12.1
5 or More Units	630	52	993	186	993	156	384	29	Q	Q	11.3
Building Floorspace (square feet)											
Fewer than 1,001	5,324	34	10,356	205	10,323	170	3,902	25	1941	10	8.3
1,001 to 2,000	18,071	154	27,736	723	27,736	607	12,373	104	2214	12	5.8
2,001 to 5,000	22,549	227	33,448	1,075	33,448	915	13,977	149	1550	11	4.7
5,001 to 10,000	1,469	32	2,263	149	2,263	117	1,163	31	64	Q	16.1
10,001 to 25,000	275	19	339	53	339	46	152	7	Q	Q	26.7
25,001 to 50,000	22	4	34	18	34	16	11	3	*	*	30.1
50,001 to 100,000	23	7	29	26	29	23	10	3	*	*	26.4
100,001 to 200,000	4	3	7	10	7	8	Q	2	*	*	52.2
Over 200,000	2	2	2	8	2	6	2	2	Q	Q	35.4
Year Constructed											
1939 or Before	8,234	40	16,760	482	16,760	385	8,560	89	1292	9	7.0
1940 to 1949	3,388	23	6,069	163	6,069	131	3,123	27	526	4	10.1
1950 to 1959	7,540	59	11,883	353	11,883	287	6,037	63	695	4	7.7
1960 to 1969	7,947	89	11,356	375	11,356	306	5,578	65	801	4	9.1
1970 to 1979	10,944	148	15,329	520	15,329	464	4,875	49	1231	7	7.2
1980 to 1990	9,687	121	12,815	376	12,782	335	3,420	33	1226	7	10.9

NF = No applicable RSE row/column factor, estimates derived from regression model.

* = Value rounds to zero in the units displayed.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R14B.90p. Air Conditioning and Appliances Primary Consumption and Floorspace by Energy Source in Residential Buildings, 1990

Building Characteristics	Energy Source for Air Conditioning		Energy Sources for Appliances								RSE Row Fac- tors
	Electricity		All Major Sources		Electricity		Natural Gas		LPG		
	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	
	0.9	NF	0.6	NF	0.6	NF	1.1	NF	2.5	NF	
All Buildings	112,908	1,457	169,227	6,141	169,204	5,782	73,071	326	9,482	34	3.2
Census Region											
Northeast	22,045	94	40,345	1,141	40,345	1,058	18,523	78	2,085	6	6.3
Midwest	33,478	215	46,939	1,489	46,939	1,390	23,510	89	3,118	10	5.6
South	45,251	1,023	52,440	2,337	52,440	2,243	17,142	81	3,123	13	6.8
West	12,134	124	29,503	1,174	29,481	1,091	13,897	78	1,156	5	6.7
Census Division											
New England	4,333	13	9,294	243	9,294	230	2,489	10	999	3	11.3
Middle Atlantic	17,712	81	31,051	899	31,051	828	16,033	68	1,086	3	8.0
East North Central	22,365	128	33,757	1,056	33,757	980	17,515	69	1,974	7	7.6
West North Central	11,114	88	13,181	433	13,181	410	5,995	20	1,144	3	7.2
South Atlantic	22,538	470	26,612	1,125	26,612	1,089	6,631	28	1,962	8	9.0
East South Central	9,207	165	10,770	466	10,770	452	3,049	11	524	2	23.5
West South Central	13,506	388	15,057	747	15,057	701	7,462	43	Q	Q	10.2
Mountain	3,082	47	7,818	318	7,818	304	2,581	13	Q	Q	14.2
Pacific	9,051	78	21,685	856	21,663	787	11,316	65	869	4	8.1
Type of Home											
Mobile Home	2,907	68	4,895	283	4,895	263	1,768	13	1,109	7	15.3
Single-Family											
Detached	88,276	1,060	130,855	4,575	130,833	4,322	55,817	228	7,938	25	4.4
Single-Family											
Attached	6,792	86	10,014	350	10,014	332	3,896	17	Q	Q	16.9
2 to 4 Units	6,858	85	11,784	431	11,784	390	7,128	39	256	1	12.4
5 or More Units	8,075	158	11,679	503	11,679	474	4,462	29	Q	Q	9.7
Building Floorspace (square feet)											
Fewer than 1,001	4,425	103	8,297	551	8,275	516	3,126	25	1,447	10	8.6
1,001 to 2,000	26,976	466	41,190	1,955	41,190	1,838	18,600	104	3,133	12	5.8
2,001 to 5,000	65,353	687	96,277	2,932	96,277	2,773	40,106	149	4,432	11	5.0
5,001 to 10,000	9,408	97	14,465	387	14,465	355	7,269	31	398	Q	16.0
10,001 to 25,000	3,501	58	4,441	146	4,441	139	1,930	7	Q	Q	24.1
25,001 to 50,000	732	12	1,135	50	1,135	47	344	3	*	*	27.8
50,001 to 100,000	1538	22	1,930	73	1,930	70	693	3	*	*	26.2
100,001 to 200,000	519	9	820	27	820	25	Q	2	*	*	48.0
Over 200,000	456	5	673	20	673	18	559	2	Q	Q	31.3
Year Constructed											
1939 or Before	20,372	122	40,769	1,263	40,769	1,166	22,157	89	2,514	9	6.7
1940 to 1949	6,799	71	11,592	430	11,592	398	6,379	27	822	4	10.5
1950 to 1959	16,570	179	24,694	936	24,694	870	12,830	63	895	4	8.9
1960 to 1969	18,634	270	26,191	996	26,191	927	12,416	65	1,381	4	9.0
1970 to 1979	27,001	448	36,274	1,461	36,274	1,405	10,179	49	1,887	7	7.5
1980 to 1990	23,531	366	29,708	1,056	29,685	1,016	9,110	33	1,984	7	10.6

NF = No applicable RSE row/column factor, estimates derived from regression model.

* = Value rounds to zero in the units displayed.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R14B.90s. Air Conditioning and Appliances Site Consumption and Floorspace by Energy Source in Residential Buildings, 1990

Building Characteristics	Energy Source for Air Conditioning		Energy Sources for Appliances								RSE Row Factors
	Electricity		All Major Sources		Electricity		Natural Gas		LPG		
	Floor-space (million sq.ft.)	Consumption (trillion Btu)	Floor-space (million sq.ft.)	Consumption (trillion Btu)	Floor-space (million sq.ft.)	Consumption (trillion Btu)	Floor-space (million sq.ft.)	Consumption (trillion Btu)	Floor-space (million sq.ft.)	Consumption (trillion Btu)	
	0.9	NF	0.6	NF	0.6	NF	1.1	NF	2.5	NF	
RSE Column Factors:	0.9	NF	0.6	NF	0.6	NF	1.1	NF	2.5	NF	
All Buildings	112,908	481	169,227	2,269	169,204	1,909	73,071	326	9,482	34	3.2
Census Region											
Northeast	22,045	31	40,345	433	40,345	349	18,523	78	2,085	6	6.3
Midwest	33,478	71	46,939	558	46,939	459	23,510	89	3,118	10	5.6
South	45,251	338	52,440	835	52,440	741	17,142	81	3,123	13	6.8
West	12,134	41	29,503	443	29,481	360	13,897	78	1,156	5	6.7
Census Division											
New England	4,333	4	9,294	89	9,294	76	2,489	10	999	3	11.3
Middle Atlantic	17,712	27	31,051	344	31,051	273	16,033	68	1,086	3	8.0
East North Central	22,365	42	33,757	399	33,757	323	17,515	69	1,974	7	7.6
West North Central	11,114	29	13,181	158	13,181	135	5,995	20	1,144	3	7.2
South Atlantic	22,538	155	26,612	396	26,612	360	6,631	28	1,962	8	9.0
East South Central	9,207	55	10,770	163	10,770	149	3,049	11	524	2	23.5
West South Central	13,506	128	15,057	277	15,057	232	7,462	43	Q	Q	10.2
Mountain	3,082	15	7,818	114	7,818	100	2,581	13	Q	Q	14.2
Pacific	9,051	26	21,685	329	21,663	260	11,316	65	869	4	8.1
Type of Home											
Mobile Home	2,907	23	4,895	107	4,895	87	1,768	13	1,109	7	15.3
Single-Family											
Detached	88,276	350	130,855	1,680	130,833	1,427	55,817	228	7,938	25	4.4
Single-Family											
Attached	6,792	28	10,014	127	10,014	110	3,896	17	Q	Q	16.9
2 to 4 Units	6,858	28	11,784	169	11,784	129	7,128	39	256	1	12.4
5 or More Units	8,075	52	11,679	186	11,679	156	4,462	29	Q	Q	9.7
Building Floorspace (square feet)											
Fewer than 1,001	4,425	34	8,297	205	8,275	170	3,126	25	1,447	10	8.6
1,001 to 2,000	26,976	154	41,190	723	41,190	607	18,600	104	3,133	12	5.8
2,001 to 5,000	65,353	227	96,277	1,075	96,277	915	40,106	149	4,432	11	5.0
5,001 to 10,000	9,408	32	14,465	149	14,465	117	7,269	31	398	Q	16.0
10,001 to 25,000	3,501	19	4,441	53	4,441	46	1,930	7	Q	Q	24.1
25,001 to 50,000	732	4	1,135	18	1,135	16	344	3	*	*	27.8
50,001 to 100,000	1,538	7	1,930	26	1,930	23	693	3	*	*	26.2
100,001 to 200,000	519	3	820	10	820	8	Q	2	*	*	48.0
Over 200,000	456	2	673	8	673	6	559	2	Q	Q	31.3
Year Constructed											
1939 or Before	20,372	40	40,769	482	40,769	385	22,157	89	2,514	9	6.7
1940 to 1949	6,799	23	11,592	163	11,592	131	6,379	27	822	4	10.5
1950 to 1959	16,570	59	24,694	353	24,694	287	12,830	63	895	4	8.9
1960 to 1969	18,634	89	26,191	375	26,191	306	12,416	65	1,381	4	9.0
1970 to 1979	27,001	148	36,274	520	36,274	464	10,179	49	1,887	7	7.5
1980 to 1990	23,531	121	29,708	376	29,685	335	9,110	33	1,984	7	10.6

NF = No applicable RSE row/column factor, estimates derived from regression model.
 * = Value rounds to zero in the units displayed.
 Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.
 Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
 • See "Glossary" for definition of terms used in this report.
 Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R15A.90p. Total Primary Consumption and Number of Buildings by End Use in Residential Buildings, 1990

Building Characteristics		End Uses									RSE Row Fac- tors	
		All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
		Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)		Consump- tion (trillion Btu)
RSE Column Factors:		0.9	1.0	0.9	NF	0.9	NF	1.4	NF	0.9	NF	
All Buildings		74,213	15,368	72,741	5,404	73,972	2,356	47,927	1,467	74,213	6,141	1.4
Census Region												
Northeast		13,903	3,246	13,743	1,518	13,833	492	7,402	94	13,903	1,141	2.9
Midwest		18,738	4,153	18,431	1,829	18,705	619	12,889	217	18,738	1,489	2.6
South		26,735	5,364	26,350	1,229	26,711	770	22,130	1,028	26,735	2,337	2.8
West		14,837	2,605	14,218	828	14,722	475	5,506	128	14,837	1,174	4.0
Census Division												
New England		3,162	728	3,131	357	3,150	116	1,368	13	3,162	243	5.8
Middle Atlantic		10,741	2,517	10,612	1,161	10,684	376	6,034	81	10,741	899	3.6
East North Central		13,306	2,997	13,066	1,350	13,273	463	8,411	128	13,306	1,056	3.9
West North Central		5,433	1,157	5,365	479	5,433	156	4,478	89	5,433	433	4.1
South Atlantic		13,403	2,560	13,183	575	13,380	388	11,001	472	13,403	1,125	4.6
East South Central		5,436	1,090	5,271	284	5,436	174	4,389	165	5,436	466	9.2
West South Central		7,896	1,714	7,896	369	7,896	208	6,740	391	7,896	747	6.3
Mountain		4,167	781	4,138	286	4,164	130	1,537	47	4,167	318	9.5
Pacific		10,670	1,824	10,080	541	10,558	345	3,969	81	10,670	856	5.3
Type of Home												
Mobile Home		5,212	735	5,171	252	5,212	131	3,025	68	5,212	283	12.1
Single-Family												
Detached		58,363	11,071	57,080	3,878	58,155	1,552	38,062	1,066	58,363	4,575	2.3
Single-Family												
Attached		6,001	906	5,922	333	5,982	138	4,109	86	6,001	350	11.0
2 to 4 Units		3,644	1,352	3,583	595	3,640	241	2,097	86	3,644	431	8.5
5 or More Units		993	1,304	986	346	983	293	633	161	993	503	8.0
Building Floorspace (square feet)												
Fewer than 1,001		10,356	1,331	9,900	429	10,295	247	5,324	103	10,356	551	6.2
1,001 to 2,000		27,736	4,636	27,190	1,501	27,679	712	18,120	469	27,736	1,955	3.6
2,001 to 5,000		33,448	7,508	32,994	2,831	33,335	1,054	22,684	691	33,448	2,932	3.1
5,001 to 10,000		2,263	1,065	2,248	402	2,254	177	1,473	99	2,263	387	10.8
10,001 to 25,000		339	385	338	105	339	75	275	58	339	146	18.0
25,001 to 50,000		34	126	33	34	33	29	22	12	34	50	19.8
50,001 to 100,000		29	188	29	56	29	37	23	22	29	73	23.3
100,001 to 200,000		7	77	7	25	7	16	4	9	7	27	34.7
Over 200,000		2	53	2	19	2	9	2	5	2	20	26.2
Year Constructed												
1939 or Before		16,760	3,607	16,417	1,694	16,686	528	8,250	123	16,760	1,263	5.2
1940 to 1949		6,069	1,129	5,971	457	6,069	171	3,388	71	6,069	430	6.9
1950 to 1959		11,883	2,297	11,605	852	11,840	329	7,559	180	11,883	936	5.0
1960 to 1969		11,356	2,386	11,174	766	11,340	353	8,006	272	11,356	996	6.7
1970 to 1979		15,329	3,495	15,143	1,012	15,287	568	10,984	452	15,329	1,461	5.1
1980 to 1990		12,815	2,454	12,431	622	12,750	406	9,740	369	12,815	1,056	7.6

NF = No applicable RSE row/column factor, estimates derived from regression model.
Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
• See "Glossary" for definition of terms used in this report.
Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R15A.90s. Total Site Consumption and Number of Buildings by End Use in Residential Buildings, 1990

Building Characteristics		End Uses									RSE Row Fac- tors	
		All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
		Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)		Consump- tion (trillion Btu)
RSE Column Factors:		0.9	1.0	0.9	NF	0.9	NF	1.4	NF	0.9	NF	
All Buildings		74,213	9,218	72,741	4,790	73,972	1,668	47,927	491	74,213	2,269	1.4
Census Region												
Northeast		13,903	2,298	13,743	1,435	13,833	399	7,402	31	13,903	433	2.9
Midwest		18,738	2,807	18,431	1,711	18,705	466	12,889	72	18,738	558	2.6
South		26,735	2,602	26,350	975	26,711	449	22,130	343	26,735	835	2.8
West		14,837	1,510	14,218	669	14,722	354	5,506	45	14,837	443	4.0
Census Division												
New England		3,162	518	3,131	335	3,150	89	1,368	4	3,162	89	5.8
Middle Atlantic		10,741	1,781	10,612	1,100	10,684	309	6,034	27	10,741	344	3.6
East North Central		13,306	2,045	13,066	1,261	13,273	343	8,411	42	13,306	399	3.9
West North Central		5,433	762	5,365	450	5,433	123	4,478	30	5,433	158	4.1
South Atlantic		13,403	1,195	13,183	443	13,380	198	11,001	158	13,403	396	4.6
East South Central		5,436	528	5,271	216	5,436	94	4,389	55	5,436	163	9.2
West South Central		7,896	880	7,896	315	7,896	157	6,740	131	7,896	277	6.3
Mountain		4,167	493	4,138	261	4,164	102	1,537	16	4,167	114	9.5
Pacific		10,670	1,017	10,080	408	10,558	251	3,969	29	10,670	329	5.3
Type of Home												
Mobile Home		5,212	407	5,171	210	5,212	68	3,025	23	5,212	107	12.1
Single-Family												
Detached		58,363	6,613	57,080	3,483	58,155	1,095	38,062	356	58,363	1,680	2.3
Single-Family												
Attached		6,001	524	5,922	274	5,982	94	4,109	28	6,001	127	11.0
2 to 4 Units		3,644	945	3,583	550	3,640	196	2,097	29	3,644	169	8.5
5 or More Units		993	729	986	272	983	215	633	56	993	186	8.0
Building Floorspace (square feet)												
Fewer than 1,001		10,356	741	9,900	359	10,295	143	5,324	34	10,356	205	6.2
1,001 to 2,000		27,736	2,679	27,190	1,304	27,679	495	18,120	157	27,736	723	3.6
2,001 to 5,000		33,448	4,644	32,994	2,566	33,335	773	22,684	230	33,448	1,075	3.1
5,001 to 10,000		2,263	677	2,248	362	2,254	132	1,473	34	2,263	149	10.8
10,001 to 25,000		339	213	338	88	339	53	275	19	339	53	18.0
25,001 to 50,000		34	76	33	28	33	25	22	4	34	18	19.8
50,001 to 100,000		29	100	29	40	29	25	23	8	29	26	22.3
100,001 to 200,000		7	51	7	24	7	14	4	4	7	10	34.8
Over 200,000		2	36	2	19	2	9	2	2	2	8	26.2
Year Constructed												
1939 or Before		16,760	2,569	16,417	1,625	16,686	421	8,250	41	16,760	482	5.2
1940 to 1949		6,069	740	5,971	428	6,069	125	3,388	23	6,069	163	6.9
1950 to 1959		11,883	1,465	11,605	791	11,840	261	7,559	60	11,883	353	5.0
1960 to 1969		11,356	1,412	11,174	687	11,340	260	8,006	91	11,356	375	6.7
1970 to 1979		15,329	1,825	15,143	792	15,287	361	10,984	152	15,329	520	5.1
1980 to 1990		12,815	1,206	12,431	467	12,750	239	9,740	124	12,815	376	7.6

NF = No applicable RSE row/column factor, estimates derived from regression model.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R15B.90p. Total Primary Consumption and Floorspace by End Use in Residential Buildings, 1990

Building Characteristics	End Uses										RSE Row Fac- tors
	All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	
	1.0	0.9	1.0	NF	1.0	NF	1.3	NF	1.0	NF	
RSE Column Factors:	1.0	0.9	1.0	NF	1.0	NF	1.3	NF	1.0	NF	
All Buildings	169,227	15,368	166,724	5,404	168,675	2,356	113,372	1,467	169,227	6,141	1.8
Census Region											
Northeast	40,345	3,246	39,930	1,518	40,099	492	22,045	94	40,345	1,141	3.7
Midwest	46,939	4,153	46,149	1,829	46,833	619	33,601	217	46,939	1,489	3.1
South	52,440	5,364	51,902	1,229	52,411	770	45,436	1,028	52,440	2,337	3.4
West	29,503	2,605	28,743	828	29,332	475	12,289	128	29,503	1,174	3.8
Census Division											
New England	9,294	728	9,190	357	9,245	116	4,333	13	9,294	243	6.8
Middle Atlantic	31,051	2,517	30,740	1,161	30,854	376	17,712	81	31,051	899	4.5
East North Central	33,757	2,997	33,091	1,350	33,652	463	22,411	128	33,757	1,056	4.3
West North Central	13,181	1,157	13,058	479	13,181	156	11,190	89	13,181	433	4.2
South Atlantic	26,612	2,560	26,322	575	26,584	388	22,622	472	26,612	1,125	4.8
East South Central	10,770	1,090	10,524	284	10,770	174	9,207	165	10,770	466	15.6
West South Central	15,057	1,714	15,057	369	15,057	208	13,608	391	15,057	747	6.4
Mountain	7,818	781	7,755	286	7,809	130	3,101	47	7,818	318	10.3
Pacific	21,685	1,824	20,987	541	21,523	345	9,188	81	21,685	856	4.9
Type of Home											
Mobile Home	4,895	735	4,861	252	4,895	131	2,907	68	4,895	283	12.6
Single-Family											
Detached	130,855	11,071	128,635	3,878	130,446	1,552	88,666	1,066	130,855	4,575	2.8
Single-Family											
Attached	10,014	906	9,951	333	9,960	138	6,792	86	10,014	350	11.7
2 to 4 Units	11,784	1,352	11,675	595	11,775	241	6,877	86	11,784	431	8.5
5 or More Units	11,679	1,304	11,602	346	11,600	293	8,129	161	11,679	503	7.7
Building Floorspace (square feet)											
Fewer than 1,001	8,297	1,331	7,950	429	8,256	247	4,425	103	8,297	551	6.5
1,001 to 2,000	41,190	4,636	40,445	1,501	41,110	712	27,049	469	41,190	1,955	3.6
2,001 to 5,000	96,277	7,508	95,008	2,831	95,922	1,054	65,689	691	96,277	2,932	3.4
5,001 to 10,000	14,465	1,065	14,358	402	14,415	177	9,427	99	14,465	387	10.7
10,001 to 25,000	4,441	385	4,419	105	4,441	75	3,501	58	4,441	146	17.0
25,001 to 50,000	1,135	126	1,123	34	1,115	29	740	12	1,135	50	18.9
50,001 to 100,000	1,930	188	1,930	56	1,923	37	1,544	22	1,930	73	23.0
100,001 to 200,000	820	77	820	25	820	16	540	9	820	27	34.0
Over 200,000	673	53	673	19	673	9	456	5	673	20	24.3
Year Constructed											
1939 or Before	40,769	3,607	39,983	1,694	40,615	528	20,418	123	40,769	1,263	5.2
1940 to 1949	11,592	1,129	11,436	457	11,579	171	6,799	71	11,592	430	7.0
1950 to 1959	24,694	2,297	24,247	852	24,568	329	16,593	180	24,694	936	5.9
1960 to 1969	26,191	2,386	25,851	766	26,151	353	18,777	272	26,191	996	6.5
1970 to 1979	36,274	3,495	35,965	1,012	36,104	568	27,117	452	36,274	1,461	5.2
1980 to 1990	29,708	2,454	29,242	622	29,659	406	23,667	369	29,708	1,056	7.5

NF = No applicable RSE row/column factor, estimates derived from regression model.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R15B.90s. Total Site Consumption and Floorspace by End Use in Residential Buildings, 1990

Building Characteristics	End Uses										RSE Row Fac- tors
	All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	
	1.0	0.9	1.0	NF	1.0	NF	1.3	NF	1.0	NF	
RSE Column Factors:	1.0	0.9	1.0	NF	1.0	NF	1.3	NF	1.0	NF	
All Buildings	169,227	9,218	166,724	4,790	168,675	1,668	113,372	491	169,227	2,269	1.8
Census Region											
Northeast	40,345	2,298	39,930	1,435	40,099	399	22,045	31	40,345	433	3.7
Midwest	46,939	2,807	46,149	1,711	46,833	466	33,601	72	46,939	558	3.1
South	52,440	2,602	51,902	975	52,411	449	45,436	343	52,440	835	3.8
West	29,503	1,510	28,743	669	29,332	354	12,289	45	29,503	443	3.8
Census Division											
New England	9,294	518	9,190	335	9,245	89	4,333	4	9,294	89	6.8
Middle Atlantic	31,051	1,781	30,740	1,100	30,854	309	17,712	27	31,051	344	4.5
East North Central	33,757	2,045	33,091	1,261	33,652	343	22,411	42	33,757	399	4.3
West North Central	13,181	762	13,058	450	13,181	123	11,190	30	13,181	158	4.2
South Atlantic	26,612	1,195	26,322	443	26,584	198	22,622	158	26,612	396	4.8
East South Central	10,770	528	10,524	216	10,770	94	9,207	55	10,770	163	15.6
West South Central	15,057	880	15,057	315	15,057	157	13,608	131	15,057	277	6.4
Mountain	7,818	493	7,755	261	7,809	102	3,101	16	7,818	114	10.3
Pacific	21,685	1,017	20,987	408	21,523	251	9,188	29	21,685	329	4.9
Type of Home											
Mobile Home	4,895	407	4,861	210	4,895	68	2,907	23	4,895	107	12.6
Single-Family											
Detached	130,855	6,613	128,635	3,483	130,446	1,095	88,666	356	130,855	1,680	2.8
Single-Family											
Attached	10,014	524	9,951	274	9,960	94	6,792	28	10,014	127	11.7
2 to 4 Units	11,784	945	11,675	550	11,775	196	6,877	29	11,784	169	8.5
5 or More Units	11,679	729	11,602	272	11,600	215	8,129	56	11,679	186	7.7
Building Floorspace (square feet)											
Fewer than 1,001	8,297	741	7,950	359	8,256	143	4,425	34	8,297	205	6.5
1,001 to 2,000	41,190	2,679	40,445	1,304	41,110	495	27,049	157	41,190	723	3.6
2,001 to 5,000	96,277	4,644	95,008	2,566	95,922	773	65,689	230	96,277	1,075	3.4
5,001 to 10,000	14,465	677	14,358	362	14,415	132	9,427	34	14,465	149	10.7
10,001 to 25,000	4,441	213	4,419	88	4,441	53	3,501	19	4,441	53	17.0
25,001 to 50,000	1,135	76	1,123	28	1,115	25	740	4	1,135	18	18.9
50,001 to 100,000	1,930	100	1,930	40	1,923	25	1,544	8	1,930	26	23.0
100,001 to 200,000	820	51	820	24	820	14	540	4	820	10	34.0
Over 200,000	673	36	673	19	673	9	456	2	673	8	24.3
Year Constructed											
1939 or Before	40,769	2,569	39,983	1,625	40,615	421	20,418	41	40,769	482	5.2
1940 to 1949	11,592	740	11,436	428	11,579	125	6,799	23	11,592	163	7.0
1950 to 1959	24,694	1,465	24,247	791	24,568	261	16,593	60	24,694	353	5.9
1960 to 1969	26,191	1,412	25,851	687	26,151	260	18,777	91	26,191	375	6.5
1970 to 1979	36,274	1,825	35,965	792	36,104	361	27,117	152	36,274	520	5.2
1980 to 1990	29,708	1,206	29,242	467	29,659	239	23,667	124	29,708	376	7.5

NF = No applicable RSE row/column factor, estimates derived from regression model.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R16A.90p. Primary Electricity Consumption and Number of Buildings by End Use in Residential Buildings, 1990

Building Characteristics		End Uses									RSE Row Fac- tors	
		All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
		Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)		Consump- tion (trillion Btu)
RSE Column Factors:		0.7	0.8	1.4	NF	1.6	NF	1.1	NF	0.7	NF	
All Buildings		74,179	9,182	28,554	917	29,083	1,027	47,739	1,457	74,179	5,782	2.1
Census Region												
Northeast		13,903	1,415	3,617	124	3,878	139	7,402	94	13,903	1,058	4.6
Midwest		18,738	2,010	4,501	177	5,951	228	12,846	215	18,738	1,390	4.7
South		26,735	4,123	14,314	380	14,748	478	22,052	1,023	26,735	2,243	3.4
West		14,804	1,634	6,123	237	4,506	182	5,439	124	14,804	1,091	5.5
Census Division												
New England		3,162	315	933	32	1,156	40	1,368	13	3,162	230	6.8
Middle Atlantic		10,741	1,100	2,684	91	2,722	99	6,034	81	10,741	828	5.6
East North Central		13,306	1,420	3,154	134	4,485	179	8,393	128	13,306	980	6.9
West North Central		5,433	589	1,347	43	1,467	49	4,453	88	5,433	410	5.9
South Atlantic		13,403	2,039	8,139	197	9,383	283	10,978	470	13,403	1,089	5.5
East South Central		5,436	839	2,788	102	3,417	120	4,389	165	5,436	452	8.0
West South Central		7,896	1,246	3,387	81	1,947	76	6,685	388	7,896	701	8.8
Mountain		4,167	429	1,439	38	1,065	41	1,523	47	4,167	304	12.0
Pacific		10,637	1,204	4,683	199	3,441	140	3,916	78	10,637	787	7.1
Type of Home												
Mobile Home		5,212	489	1,929	63	3,367	95	3,025	68	5,212	263	13.6
Single-Family												
Detached		58,330	6,654	22,016	590	21,504	683	37,893	1,060	58,330	4,322	2.9
Single-Family												
Attached		6,001	571	2,976	87	2,812	66	4,109	86	6,001	332	14.1
2 to 4 Units		3,644	609	1,140	67	994	67	2,083	85	3,644	390	12.0
5 or More Units		993	858	494	110	406	117	630	158	993	474	10.5
Building Floorspace (square feet)												
Fewer than 1,001		10,323	881	4,019	106	5,639	156	5,324	103	10,323	516	7.5
1,001 to 2,000		27,736	2,921	11,219	294	10,904	323	18,071	466	27,736	1,838	4.8
2,001 to 5,000		33,448	4,275	12,301	396	11,774	420	22,549	687	33,448	2,773	3.9
5,001 to 10,000		2,263	579	817	59	635	67	1,469	97	2,263	355	11.8
10,001 to 25,000		339	257	165	26	110	34	275	58	339	139	21.2
25,001 to 50,000		34	74	16	8	8	7	22	12	34	47	23.7
50,001 to 100,000		29	132	16	Q	12	17	23	22	29	70	30.2
100,001 to 200,000		7	39	2	3	1	3	4	9	7	25	36.5
Over 200,000		2	24	Q	Q	Q	Q	2	5	2	18	35.7
Year Constructed												
1939 or Before		16,760	1,550	4,763	102	4,942	160	8,234	122	16,760	1,166	6.2
1940 to 1949		6,069	581	1,849	43	2,129	68	3,388	71	6,069	398	8.4
1950 to 1959		11,883	1,242	3,938	92	3,322	102	7,540	179	11,883	870	6.0
1960 to 1969		11,356	1,454	3,564	118	3,842	139	7,947	270	11,356	927	7.4
1970 to 1979		15,329	2,492	7,837	330	7,589	309	10,944	448	15,329	1,405	6.3
1980 to 1990		12,782	1,863	6,604	232	7,258	249	9,687	366	12,782	1,016	8.3

NF = No applicable RSE row/column factor, estimates derived from regression model.
Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.
Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
• See "Glossary" for definition of terms used in this report.
Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R16A.90s. Site Electricity Consumption and Number of Buildings by End Use in Residential Buildings, 1990

Building Characteristics		End Uses									RSE Row Factors	
		All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
		Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)		Consump- tion (trillion Btu)
RSE Column Factors:		0.7	0.8	1.4	NF	1.6	NF	1.1	NF	0.7	NF	
All Buildings		74,179	3,031	28,554	303	29,083	339	47,739	481	74,179	1,909	2.1
Census Region												
Northeast		13,903	467	3,617	41	3,878	46	7,402	31	13,903	349	4.6
Midwest		18,738	664	4,501	58	5,951	75	12,846	71	18,738	459	4.7
South		26,735	1,361	14,314	125	14,748	158	22,052	338	26,735	741	3.4
West		14,804	539	6,123	78	4,506	60	5,439	41	14,804	360	5.5
Census Division												
New England		3,162	104	933	11	1,156	13	1,368	4	3,162	76	6.8
Middle Atlantic		10,741	363	2,684	30	2,722	33	6,034	27	10,741	273	5.6
East North Central		13,306	469	3,154	44	4,485	59	8,393	42	13,306	323	6.9
West North Central		5,433	195	1,347	14	1,467	16	4,453	29	5,433	135	5.9
South Atlantic		13,403	673	8,139	65	9,383	93	10,978	155	13,403	360	5.5
East South Central		5,436	277	2,788	34	3,417	39	4,389	55	5,436	149	8.0
West South Central		7,896	411	3,387	27	1,947	25	6,685	128	7,896	232	8.8
Mountain		4,167	142	1,439	12	1,065	14	1,523	15	4,167	100	12.0
Pacific		10,637	398	4,683	66	3,441	46	3,916	26	10,637	260	7.1
Type of Home												
Mobile Home		5,212	162	1,929	21	3,367	31	3,025	23	5,212	87	13.6
Single-Family												
Detached		58,330	2,197	22,016	195	21,504	225	37,893	350	58,330	1,427	2.9
Single-Family												
Attached		6,001	189	2,976	29	2,812	22	4,109	28	6,001	110	14.1
2 to 4 Units		3,644	201	1,140	22	994	22	2,083	28	3,644	129	12.0
5 or More Units		993	283	494	36	406	39	630	52	993	156	10.5
Building Floorspace (square feet)												
Fewer than 1,001		10,323	291	4,019	35	5,639	52	5,324	34	10,323	170	7.5
1,001 to 2,000		27,736	965	11,219	97	10,904	107	18,071	154	27,736	607	4.8
2,001 to 5,000		33,448	1,411	12,301	131	11,774	139	22,549	227	33,448	915	3.9
5,001 to 10,000		2,263	191	817	20	635	22	1,469	32	2,263	117	11.8
10,001 to 25,000		339	85	165	9	110	11	275	19	339	46	21.2
25,001 to 50,000		34	24	16	3	8	2	22	4	34	16	23.7
50,001 to 100,000		29	44	16	Q	12	5	23	7	29	23	30.2
100,001 to 200,000		7	13	2	1	1	1	4	3	7	8	36.5
Over 200,000		2	8	Q	Q	Q	Q	2	2	2	6	35.7
Year Constructed												
1939 or Before		16,760	512	4,763	34	4,942	53	8,234	40	16,760	385	6.2
1940 to 1949		6,069	192	1,849	14	2,129	23	3,388	23	6,069	131	8.4
1950 to 1959		11,883	410	3,938	30	3,322	34	7,540	59	11,883	287	6.0
1960 to 1969		11,356	480	3,564	39	3,842	46	7,947	89	11,356	306	7.4
1970 to 1979		15,329	823	7,837	109	7,589	102	10,944	148	15,329	464	6.3
1980 to 1990		12,782	615	6,604	76	7,258	82	9,687	121	12,782	335	8.3

NF = No applicable RSE row/column factor, estimates derived from regression model.
Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.
Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
• See "Glossary" for definition of terms used in this report.
Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R16B.90p. Primary Electricity Consumption and Floorspace by End Use in Residential Buildings, 1990

Building Characteristics	End Uses										RSE Row Fac- tors
	All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	
	0.8	0.8	1.3	NF	1.5	NF	1.1	NF	0.8	NF	
RSE Column Factors:	0.8	0.8	1.3	NF	1.5	NF	1.1	NF	0.8	NF	
All Buildings	169,204	9,182	64,187	917	60,721	1,027	112,908	1,457	169,204	5,782	2.4
Census Region											
Northeast	40,345	1,415	11,015	124	10,094	139	22,045	94	40,345	1,058	5.1
Midwest	46,939	2,010	11,263	177	13,902	228	33,478	215	46,939	1,390	5.3
South	52,440	4,123	29,603	380	28,126	478	45,251	1,023	52,440	2,243	4.0
West	29,481	1,634	12,306	237	8,600	182	12,134	124	29,481	1,091	5.3
Census Division											
New England	9,294	315	3,010	32	3,235	40	4,333	13	9,294	230	7.6
Middle Atlantic	31,051	1,100	8,005	91	6,858	99	17,712	81	31,051	828	6.1
East North Central	33,757	1,420	8,024	134	10,449	179	22,365	128	33,757	980	7.3
West North Central	13,181	589	3,239	43	3,452	49	11,114	88	13,181	410	5.8
South Atlantic	26,612	2,039	16,766	197	17,423	283	22,538	470	26,612	1,089	5.5
East South Central	10,770	839	5,399	102	6,204	120	9,207	165	10,770	452	12.7
West South Central	15,057	1,246	7,438	81	4,499	76	13,506	388	15,057	701	8.8
Mountain	7,818	429	2,712	38	2,068	41	3,082	47	7,818	304	13.4
Pacific	21,663	1,204	9,594	199	6,531	140	9,051	78	21,663	787	6.4
Type of Home											
Mobile Home	4,895	489	1,889	63	3,127	95	2,907	68	4,895	263	14.2
Single-Family											
Detached	130,833	6,654	48,840	590	46,034	683	88,276	1,060	130,833	4,322	3.5
Single-Family											
Attached	10,014	571	4,368	87	4,171	66	6,792	86	10,014	332	14.6
2 to 4 Units	11,784	609	3,485	67	2,907	67	6,858	85	11,784	390	12.3
5 or More Units	11,679	858	5,605	110	4,481	117	8,075	158	11,679	474	10.2
Building Floorspace (square feet)											
Fewer than 1,001	8,275	881	3,253	106	4,562	156	4,425	103	8,275	516	7.7
1,001 to 2,000	41,190	2,921	16,783	294	15,726	323	26,976	466	41,190	1,838	4.8
2,001 to 5,000	96,277	4,275	34,661	396	33,421	420	65,353	687	96,277	2,773	4.1
5,001 to 10,000	14,465	579	5,427	59	4,256	67	9,408	97	14,465	355	11.6
10,001 to 25,000	4,441	257	2,183	26	1,470	34	3,501	58	4,441	139	20.2
25,001 to 50,000	1,135	74	538	8	289	7	732	12	1,135	47	23.1
50,001 to 100,000	1,930	132	1,065	Q	Q	17	1,538	22	1,930	70	30.8
100,001 to 200,000	820	39	186	3	123	3	519	9	820	25	35.1
Over 200,000	673	24	Q	Q	Q	Q	456	5	673	18	32.6
Year Constructed											
1939 or Before	40,769	1,550	11,481	102	11,015	160	20,372	122	40,769	1,166	6.3
1940 to 1949	11,592	581	3,582	43	3,716	68	6,799	71	11,592	398	8.6
1950 to 1959	24,694	1,242	7,728	92	6,196	102	16,570	179	24,694	870	6.7
1960 to 1969	26,191	1,454	8,397	118	8,221	139	18,634	270	26,191	927	7.2
1970 to 1979	36,274	2,492	18,610	330	16,872	309	27,001	448	36,274	1,405	6.5
1980 to 1990	29,685	1,863	14,389	232	14,701	249	23,531	366	29,685	1,016	7.8

NF = No applicable RSE row/column factor, estimates derived from regression model.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R16B.90s. Site Electricity Consumption and Floorspace by End Use in Residential Buildings, 1990

Building Characteristics	End Uses										RSE Row Fac- tors
	All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	
	0.8	0.8	1.3	NF	1.5	NF	1.1	NF	0.8	NF	
RSE Column Factors:	0.8	0.8	1.3	NF	1.5	NF	1.1	NF	0.8	NF	
All Buildings	169,204	3,031	64,187	303	60,721	339	112,908	481	169,204	1,909	2.4
Census Region											
Northeast	40,345	467	11,015	41	10,094	46	22,045	31	40,345	349	5.1
Midwest	46,939	664	11,263	58	13,902	75	33,478	71	46,939	459	5.3
South	52,440	1,361	29,603	125	28,126	158	45,251	338	52,440	741	4.0
West	29,481	539	12,306	78	8,600	60	12,134	41	29,481	360	5.3
Census Division											
New England	9,294	104	3,010	11	3,235	13	4,333	4	9,294	76	7.6
Middle Atlantic	31,051	363	8,005	30	6,858	33	17,712	27	31,051	273	6.1
East North Central	33,757	469	8,024	44	10,449	59	22,365	42	33,757	323	7.3
West North Central	13,181	195	3,239	14	3,452	16	11,114	29	13,181	135	5.8
South Atlantic	26,612	673	16,766	65	17,423	93	22,538	155	26,612	360	5.5
East South Central	10,770	277	5,399	34	6,204	39	9,207	55	10,770	149	12.7
West South Central	15,057	411	7,438	27	4,499	25	13,506	128	15,057	232	8.8
Mountain	7,818	142	2,712	12	2,068	14	3,082	15	7,818	100	13.4
Pacific	21,663	398	9,594	66	6,531	46	9,051	26	21,663	260	6.4
Type of Home											
Mobile Home	4,895	162	1,889	21	3,127	31	2,907	23	4,895	87	14.2
Single-Family											
Detached	130,833	2,197	48,840	195	46,034	225	88,276	350	130,833	1,427	3.5
Single-Family											
Attached	10,014	189	4,368	29	4,171	22	6,792	28	10,014	110	14.6
2 to 4 Units	11,784	201	3,485	22	2,907	22	6,858	28	11,784	129	12.3
5 or More Units	11,679	283	5,605	36	4,481	39	8,075	52	11,679	156	10.2
Building Floorspace (square feet)											
Fewer than 1,001	8,275	291	3,253	35	4,562	52	4,425	34	8,275	170	7.7
1,001 to 2,000	41,190	965	16,783	97	15,726	107	26,976	154	41,190	607	4.8
2,001 to 5,000	96,277	1,411	34,661	131	33,421	139	65,353	227	96,277	915	4.1
5,001 to 10,000	14,465	191	5,427	20	4,256	22	9,408	32	14,465	117	11.6
10,001 to 25,000	4,441	85	2,183	9	1,470	11	3,501	19	4,441	46	20.2
25,001 to 50,000	1,135	24	538	3	289	2	732	4	1,135	16	23.1
50,001 to 100,000	1,930	44	1,065	Q	Q	5	1,538	7	1,930	23	30.8
100,001 to 200,000	820	13	186	1	123	1	519	3	820	8	35.1
Over 200,000	673	8	Q	Q	Q	Q	456	2	673	6	32.6
Year Constructed											
1939 or Before	40,769	512	11,481	34	11,015	53	20,372	40	40,769	385	6.3
1940 to 1949	11,592	192	3,582	14	3,716	23	6,799	23	11,592	131	8.6
1950 to 1959	24,694	410	7,728	30	6,196	34	16,570	59	24,694	287	6.7
1960 to 1969	26,191	480	8,397	39	8,221	46	18,634	89	26,191	306	7.2
1970 to 1979	36,274	823	18,610	109	16,872	102	27,001	148	36,274	464	6.5
1980 to 1990	29,685	615	14,389	76	14,701	82	23,531	121	29,685	335	7.8

NF = No applicable RSE row/column factor, estimates derived from regression model.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R17A.90. Natural Gas Consumption and Number of Buildings by End Use in Residential Buildings, 1990

Building Characteristics	End Uses								RSE Row Factors
	All End Uses		Space Heating		Water Heating		Appliances		
	Buildings (thousand)	Consump- tion (trillion Btu)	Buildings (thousand)	Consump- tion (trillion Btu)	Buildings (thousand)	Consump- tion (trillion Btu)	Buildings (thousand)	Consump- tion (trillion Btu)	
	RSE Column Factors:	0.9	1.0	1.0	NF	1.0	NF	1.1	
All Buildings	44,829	4,863	42,506	3,367	39,407	1,160	31,593	326	3.6
Census Region									
Northeast	7,714	1,033	6,404	716	6,762	240	6,208	78	8.8
Midwest	13,632	1,881	13,505	1,427	11,771	365	9,302	89	6.1
South	13,172	1,030	12,639	673	11,020	270	8,839	81	8.7
West	10,312	918	9,958	551	9,853	286	7,244	78	5.4
Census Division									
New England	1,074	156	764	99	914	47	820	10	18.0
Middle Atlantic	6,640	878	5,641	617	5,848	193	5,388	68	10.0
East North Central	9,607	1,388	9,512	1,051	8,206	268	6,789	69	7.9
West North Central	4,025	494	3,993	376	3,565	97	2,513	20	7.9
South Atlantic	4,545	373	4,128	250	3,630	93	3,046	28	17.4
East South Central	2,461	209	2,461	146	1,840	52	1,325	11	22.1
West South Central	6,165	448	6,050	277	5,550	125	4,467	43	9.0
Mountain	3,276	334	3,206	234	3,011	86	1,727	13	12.7
Pacific	7,036	585	6,751	317	6,842	200	5,517	65	5.9
Type of Home									
Mobile Home	2,004	153	1,994	110	1,463	31	1,840	13	18.9
Single-Family									
Detached	36,202	3,453	34,767	2,461	32,116	759	25,102	228	4.4
Single-Family									
Attached	3,319	276	2,896	193	2,913	66	2,169	17	11.7
2 to 4 Units	2,700	621	2,351	424	2,397	158	2,097	39	9.2
5 or More Units	604	360	499	180	520	148	384	29	9.2
Building Floorspace (square feet)									
Fewer than 1,001	4,957	323	4,616	221	3,864	77	3,902	25	8.2
1,001 to 2,000	17,117	1,418	16,486	958	15,173	353	12,373	104	5.3
2,001 to 5,000	20,863	2,501	19,744	1,799	18,697	549	13,977	149	5.2
5,001 to 10,000	1,607	388	1,428	257	1,425	97	1,163	31	15.0
10,001 to 25,000	237	118	201	71	214	40	152	7	23.5
25,001 to 50,000	25	38	17	18	19	17	11	3	26.5
50,001 to 100,000	16	36	Q	21	10	11	10	3	21.5
100,001 to 200,000	5	25	3	13	3	9	Q	2	44.8
Over 200,000	2	17	1	Q	1	6	2	2	35.0
Year Constructed									
1939 or Before	11,758	1,565	10,768	1,159	10,284	317	8,560	89	6.5
1940 to 1949	4,347	445	4,188	328	3,580	90	3,123	27	8.7
1950 to 1959	8,194	810	7,748	558	7,341	189	6,037	63	6.5
1960 to 1969	7,636	774	7,392	511	6,929	197	5,578	65	8.8
1970 to 1979	7,656	781	7,319	497	6,818	230	4,875	49	7.2
1980 to 1990	5,239	488	5,090	314	4,456	138	3,420	33	13.2

NF = No applicable RSE row/column factor, estimates derived from regression model.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R17B.90. Natural Gas Consumption and Floorspace by End Use in Residential Buildings, 1990

Building Characteristics	End Uses								RSE Row Factors
	All End Uses		Space Heating		Water Heating		Appliances		
	Floorspace (million sq.ft.)	Consump- tion (trillion Btu)	Floorspace (million sq.ft.)	Consump- tion (trillion Btu)	Floorspace (million sq.ft.)	Consump- tion (trillion Btu)	Floorspace (million sq.ft.)	Consump- tion (trillion Btu)	
	0.9	0.9	1.0	NF	1.0	NF	1.1	NF	
RSE Column Factors:	0.9	0.9	1.0	NF	1.0	NF	1.1	NF	
All Buildings	106,320	4,863	98,688	3,367	93,679	1,160	73,071	326	4.1
Census Region									
Northeast	23,591	1,033	18,532	716	19,580	240	18,523	78	10.0
Midwest	34,701	1,881	34,405	1,427	30,736	365	23,510	89	6.5
South	26,626	1,030	25,342	673	22,873	270	17,142	81	10.3
West	21,402	918	20,409	551	20,490	286	13,897	78	6.1
Census Division									
New England	3,460	156	2,462	99	2,955	47	2,489	10	14.9
Middle Atlantic	20,131	878	16,071	617	16,625	193	16,033	68	11.5
East North Central	24,720	1,388	24,511	1,051	21,879	268	17,515	69	8.4
West North Central	9,981	494	9,894	376	8,857	97	5,995	20	7.0
South Atlantic	9,917	373	8,983	250	8,514	93	6,631	28	18.6
East South Central	5,547	209	5,537	146	4,335	52	3,049	11	29.9
West South Central	11,162	448	10,822	277	10,024	125	7,462	43	10.5
Mountain	6,000	334	5,928	234	5,545	86	2,581	13	12.8
Pacific	15,401	585	14,481	317	14,945	200	11,316	65	6.8
Type of Home									
Mobile Home	1,954	153	1,945	110	1,455	31	1,768	13	19.9
Single-Family									
Detached	81,943	3,453	78,400	2,461	73,354	759	55,817	228	5.2
Single-Family									
Attached	6,014	276	5,315	193	5,234	66	3,896	17	12.8
2 to 4 Units	9,034	621	7,683	424	7,897	158	7,128	39	8.9
5 or More Units	7,375	360	5,345	180	5,739	148	4,462	29	9.3
Building Floorspace (square feet)									
Fewer than 1,001	4,016	323	3,746	221	3,139	77	3,126	25	8.7
1,001 to 2,000	25,748	1,418	24,839	958	22,977	353	18,600	104	5.3
2,001 to 5,000	60,127	2,501	56,666	1,799	53,713	549	40,106	149	5.6
5,001 to 10,000	10,140	388	8,976	257	8,959	97	7,269	31	14.8
10,001 to 25,000	3,080	118	2,536	71	2,779	40	1,930	7	21.9
25,001 to 50,000	825	38	545	18	641	17	344	3	25.7
50,001 to 100,000	1,075	36	643	21	670	11	693	3	25.2
100,001 to 200,000	697	25	402	13	412	9	Q	2	42.7
Over 200,000	613	17	335	Q	389	6	559	2	34.2
Year Constructed									
1939 or Before	29,493	1,565	25,951	1,159	25,241	317	22,157	89	6.5
1940 to 1949	8,734	445	8,260	328	7,131	90	6,379	27	9.1
1950 to 1959	17,596	810	16,568	558	15,537	189	12,830	63	7.2
1960 to 1969	17,918	774	17,089	511	16,470	197	12,416	65	8.8
1970 to 1979	18,351	781	17,105	497	16,677	230	10,179	49	8.0
1980 to 1990	14,227	488	13,714	314	12,624	138	9,110	33	13.7

NF = No applicable RSE row/column factor, estimates derived from regression model.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R18A.90. Fuel Oil Consumption and Number of Buildings by End Use in Residential Buildings, 1990

Building Characteristics	End Uses						RSE Row Factors
	All End Uses		Space Heating		Water Heating		
	Buildings (thousand)	Consumption (trillion Btu)	Buildings (thousand)	Consumption (trillion Btu)	Buildings (thousand)	Consumption (trillion Btu)	
	RSE Column Factors:	0.9	0.9	0.9	NF	1.2	
All Buildings	9,151	976	9,118	866	3,278	110	7.3
Census Region							
Northeast	5,636	757	5,616	650	3,147	107	8.0
Midwest	1,500	121	1,497	120	Q	1	20.3
South	1,616	79	1,615	77	Q	Q	19.7
West	Q	Q	Q	Q	Q	Q	0.0
Census Division							
New England	1,907	244	1,900	217	994	26	6.2
Middle Atlantic	3,728	513	3,716	432	2,154	81	11.6
East North Central	1,223	93	1,223	93	Q	1	24.1
West North Central	277	28	274	28	Q	1	34.5
South Atlantic	1,463	73	1,463	71	Q	Q	20.7
East South Central	Q	Q	Q	Q	*	*	0.0
West South Central	*	*	*	*	*	*	0.0
Mountain	Q	Q	Q	Q	*	*	0.0
Pacific	Q	Q	Q	Q	Q	Q	0.0
Type of Home							
Mobile Home	359	18	359	18	*	*	45.7
Single-Family							
Detached	7,519	703	7,508	642	2,644	61	8.3
Single-Family							
Attached	716	57	716	51	344	6	23.7
2 to 4 Units	479	114	460	100	221	14	14.3
5 or More Units	78	84	74	55	68	28	23.7
Building Floorspace (square feet)							
Fewer than 1,001	743	38	724	35	Q	Q	22.8
1,001 to 2,000	2,187	159	2,184	145	582	14	13.3
2,001 to 5,000	5,766	621	5,759	561	2,348	60	10.5
5,001 to 10,000	414	90	414	80	216	10	14.1
10,001 to 25,000	Q	Q	Q	Q	Q	Q	0.0
25,001 to 50,000	Q	Q	Q	Q	Q	6	0.0
50,001 to 100,000	7	20	Q	Q	7	9	22.4
100,001 to 200,000	Q	14	Q	Q	Q	4	48.7
Over 200,000	1	12	1	9	1	2	10.6
Year Constructed							
1939 or Before	3,258	399	3,254	364	1,009	36	14.1
1940 to 1949	804	73	801	67	177	6	19.0
1950 to 1959	2,041	208	2,018	175	920	33	15.8
1960 to 1969	1,454	132	1,450	118	490	14	12.2
1970 to 1979	1,246	137	1,246	119	519	18	17.2
1980 to 1990	349	26	349	23	162	4	23.0

NF = No applicable RSE row/column factor, estimates derived from regression model.

* = Value rounds to zero in the units displayed.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R18B.90. Fuel Oil Consumption and Floorspace by End Use in Residential Buildings, 1990

Building Characteristics	End Uses						RSE Row Factors
	All End Uses		Space Heating		Water Heating		
	Floorspace (million sq.ft.)	Consumption (trillion Btu)	Floorspace (million sq.ft.)	Consumption (trillion Btu)	Floorspace (million sq.ft.)	Consumption (trillion Btu)	
	1.0	0.9	1.0	NF	1.2	NF	
RSE Column Factors:	1.0	0.9	1.0	NF	1.2	NF	
All Buildings	25,386	976	25,169	866	11,248	110	7.3
Census Region							
Northeast	17,581	757	17,412	650	10,893	107	7.7
Midwest	3,842	121	3,839	120	Q	1	22.8
South	2,978	79	2,943	77	Q	Q	22.7
West	Q	Q	Q	Q	Q	Q	0.0
Census Division							
New England	5,604	244	5,584	217	3,044	26	7.2
Middle Atlantic	11,977	513	11,828	432	7,850	81	10.8
East North Central	3,024	93	3,024	93	Q	1	27.8
West North Central	818	28	815	28	Q	1	35.1
South Atlantic	2,670	73	2,635	71	Q	Q	24.3
East South Central	Q	Q	Q	Q	*	*	0.0
West South Central	*	*	*	*	*	*	0.0
Mountain	Q	Q	Q	Q	*	*	0.0
Pacific	Q	Q	Q	Q	Q	Q	0.0
Type of Home							
Mobile Home	286	18	286	18	*	*	41.8
Single-Family							
Detached	20,069	703	20,059	642	8,043	61	9.0
Single-Family							
Attached	1,448	57	1,448	51	831	6	32.3
2 to 4 Units	1,809	114	1,784	100	818	14	14.2
5 or More Units	1,774	84	1,592	55	1,556	28	14.7
Building Floorspace (square feet)							
Fewer than 1,001	578	38	567	35	Q	Q	21.2
1,001 to 2,000	3,301	159	3,298	145	911	14	13.1
2,001 to 5,000	17,123	621	17,103	561	7,457	60	10.9
5,001 to 10,000	2,676	90	2,676	80	1,384	10	14.0
10,001 to 25,000	Q	Q	Q	Q	Q	Q	0.0
25,001 to 50,000	245	Q	Q	Q	228	6	45.3
50,001 to 100,000	490	20	Q	Q	474	9	23.0
100,001 to 200,000	Q	14	Q	Q	Q	4	49.4
Over 200,000	325	12	325	9	243	2	10.7
Year Constructed							
1939 or Before	9,777	399	9,769	364	3,622	36	12.9
1940 to 1949	1,802	73	1,799	67	574	6	17.5
1950 to 1959	4,974	208	4,816	175	2,737	33	17.1
1960 to 1969	3,716	132	3,704	118	1,543	14	12.3
1970 to 1979	4,187	137	4,151	119	2,298	18	17.6
1980 to 1990	931	26	931	23	475	4	23.4

NF = No applicable RSE row/column factor, estimates derived from regression model.

* = Value rounds to zero in the units displayed.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R19.90. Total Expenditures (1987 and 1990 Dollars) for All End Uses by Energy Source in Residential Buildings, 1990 (Million Dollars)

Building Characteristics	Energy Sources								RSE Row Factors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		
	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
	RSE Column Factors:	0.6	0.6	0.8	0.8	1.1	1.1	1.9	
All Buildings	96,994	110,185	62,972	71,537	23,998	27,261	6,718	7,631	2.4
Census Region									
Northeast	24,891	28,276	12,807	14,549	6,447	7,324	5,212	5,921	4.3
Midwest	23,670	26,889	13,526	15,366	8,125	9,230	819	931	4.8
South	32,724	37,174	25,636	29,123	5,201	5,909	557	633	6.0
West	15,709	17,845	11,003	12,499	4,224	4,798	Q	Q	4.8
Census Division									
New England	5,630	6,396	2,708	3,077	1,066	1,211	1,688	1,917	7.3
Middle Atlantic	19,261	21,881	10,099	11,472	5,382	6,113	3,525	4,004	5.5
East North Central	17,233	19,577	9,679	10,995	6,075	6,901	635	721	6.3
West North Central	6,437	7,312	3,847	4,371	2,050	2,329	184	209	7.4
South Atlantic	16,960	19,267	13,420	15,245	2,234	2,538	519	589	9.2
East South Central	5,516	6,266	4,238	4,814	879	998	Q	Q	11.2
West South Central	10,248	11,641	7,978	9,063	2,089	2,373	*	*	8.4
Mountain	4,274	4,855	2,748	3,121	1,382	1,570	Q	Q	11.3
Pacific	11,435	12,990	8,255	9,377	2,842	3,228	Q	Q	6.5
Type of Home									
Mobile Home	4,640	5,271	3,079	3,497	718	815	129	147	18.9
Single-Family Detached	68,863	78,228	44,924	51,033	16,545	18,795	4,929	5,599	3.7
Single-Family Attached	5,966	6,778	4,061	4,613	1,479	1,680	407	462	13.3
2 to 4 Units	8,933	10,148	4,686	5,323	3,342	3,797	815	926	11.3
5 or More Units	8,591	9,760	6,223	7,069	1,914	2,175	438	498	10.7
Building Floorspace (square feet)									
Fewer than 1,001	8,406	9,550	5,716	6,493	1,564	1,777	278	316	9.6
1,001 to 2,000	28,950	32,887	19,487	22,137	6,954	7,900	1,127	1,280	5.7
2,001 to 5,000	47,297	53,729	29,686	33,723	12,284	13,955	4,336	4,926	4.5
5,001 to 10,000	6,793	7,717	4,127	4,688	1,950	2,216	638	725	10.3
10,001 to 25,000	2,507	2,848	1,825	2,073	619	703	Q	Q	21.9
25,001 to 50,000	877	996	606	688	207	235	Q	Q	24.2
50,001 to 100,000	1,270	1,443	972	1,104	202	230	96	109	26.4
100,001 to 200,000	501	569	308	349	126	144	67	76	34.0
Over 200,000	392	446	246	280	90	102	55	62	26.3
Year Constructed									
1939 or Before	22,970	26,094	11,466	13,025	7,920	8,998	2,723	3,094	6.1
1940 to 1949	6,988	7,939	3,931	4,465	2,236	2,540	512	582	9.1
1950 to 1959	14,771	16,780	8,932	10,147	4,010	4,555	1,462	1,661	7.0
1960 to 1969	15,056	17,104	10,010	11,371	3,869	4,395	900	1,022	8.2
1970 to 1979	21,577	24,511	16,148	18,344	3,702	4,205	940	1,067	7.6
1980 to 1990	15,631	17,757	12,485	14,183	2,261	2,569	181	206	9.8

* = Value rounds to zero in the units displayed.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R20.90. Total Expenditures (1987 and 1990 Dollars) for Space Heating by Energy Source in Residential Buildings, 1990 (Million Dollars)

Building Characteristics	Energy Sources								RSE Row Factors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		
	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
	NF	NF	NF	NF	NF	NF	NF	NF	
RSE Column Factors:	NF	NF	NF	NF	NF	NF	NF	NF	
All Buildings	30,079	34,170	5,419	6,156	16,362	18,588	5,986	6,800	
Census Region									
Northeast	10,048	11,414	958	1,088	4,328	4,917	4,503	5,115	
Midwest	8,898	10,109	1,028	1,168	6,172	7,011	810	921	
South	7,145	8,117	2,243	2,548	3,385	3,845	545	619	
West	3,988	4,530	1,189	1,351	2,478	2,815	Q	Q	
Census Division									
New England	2,521	2,863	266	303	666	756	1,505	1,710	
Middle Atlantic	7,527	8,551	692	786	3,662	4,160	2,997	3,405	
East North Central	6,668	7,575	787	894	4,613	5,240	630	716	
West North Central	2,230	2,533	241	274	1,559	1,771	180	205	
South Atlantic	3,792	4,308	1,243	1,412	1,478	1,678	507	576	
East South Central	1,462	1,661	502	571	618	702	Q	Q	
West South Central	1,891	2,148	497	565	1,290	1,465	*	*	
Mountain	1,283	1,457	221	251	950	1,079	Q	Q	
Pacific	2,705	3,073	968	1,100	1,528	1,735	Q	Q	
Type of Home									
Mobile Home	1,546	1,756	335	381	517	588	129	147	
Single-Family									
Detached	21,248	24,138	3,398	3,860	11,677	13,265	4,488	5,099	
Single-Family									
Attached	1,934	2,197	538	611	1,016	1,155	362	412	
2 to 4 Units	3,410	3,874	427	486	2,231	2,534	714	811	
5 or More Units	1,940	2,204	720	818	921	1,046	292	332	
Building Floorspace (square feet)									
Fewer than 1,001	2,501	2,841	588	667	1,053	1,197	255	289	
1,001 to 2,000	8,370	9,508	1,680	1,909	4,642	5,273	1,028	1,168	
2,001 to 5,000	15,625	17,751	2,357	2,677	8,722	9,909	3,907	4,439	
5,001 to 10,000	2,255	2,562	374	425	1,272	1,444	567	644	
10,001 to 25,000	593	674	176	200	365	414	Q	Q	
25,001 to 50,000	187	212	60	68	89	101	Q	Q	
50,001 to 100,000	324	368	Q	Q	Q	Q	Q	Q	
100,001 to 200,000	127	144	19	21	63	71	Q	Q	
Over 200,000	97	110	Q	Q	45	52	44	49	
Year Constructed									
1939 or Before	9,410	10,689	610	693	5,706	6,482	2,496	2,835	
1940 to 1949	2,496	2,835	221	251	1,624	1,845	471	535	
1950 to 1959	4,775	5,424	539	612	2,726	3,096	1,240	1,409	
1960 to 1969	4,243	4,820	725	823	2,536	2,881	805	915	
1970 to 1979	5,645	6,413	1,899	2,157	2,328	2,644	817	928	
1980 to 1990	3,511	3,988	1,425	1,619	1,443	1,639	157	178	

NF = No applicable RSE row/column factor, estimates derived from regression model.

* = Value rounds to zero in the units displayed.

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.

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Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

Table R21.90. Total Expenditures (1987 and 1990 Dollars) for Air Conditioning and Appliances by Energy Source in Residential Buildings, 1990 (Million Dollars)

Building Characteristics	Energy Source for Air Conditioning		Energy Sources for Appliances						RSE Row Factors
	Electricity		All Major Sources		Electricity		Natural Gas		
	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
	NF	NF	NF	NF	NF	NF	NF	NF	
RSE Column Factors:	NF	NF	NF	NF	NF	NF	NF	NF	
All Buildings	9,884	11,228	43,537	49,458	41,325	46,946	1,786	2,028	
Census Region									
Northeast	910	1,034	10,536	11,969	9,846	11,185	600	682	
Midwest	1,496	1,699	10,104	11,478	9,620	10,928	381	433	
South	6,497	7,381	14,569	16,551	13,988	15,891	419	476	
West	981	1,114	8,328	9,461	7,871	8,941	385	437	
Census Division									
New England	112	127	2,123	2,412	1,999	2,270	80	91	
Middle Atlantic	798	907	8,412	9,556	7,848	8,915	520	591	
East North Central	902	1,025	7,276	8,266	6,903	7,842	296	336	
West North Central	594	674	2,827	3,212	2,717	3,087	85	97	
South Atlantic	3,179	3,611	7,454	8,468	7,167	8,141	174	197	
East South Central	837	951	2,372	2,694	2,298	2,611	45	51	
West South Central	2,481	2,819	4,743	5,388	4,523	5,138	201	228	
Mountain	324	368	2,030	2,306	1,960	2,226	63	72	
Pacific	657	746	6,298	7,154	5,911	6,715	322	365	
Type of Home									
Mobile Home	433	492	1,858	2,111	1709	1,941	60	68	
Single-Family									
Detached	7,132	8,101	31,716	36,029	30,261	34,377	1,150	1,307	
Single-Family									
Attached	612	695	2,599	2,952	2,490	2,828	106	121	
2 to 4 Units	604	686	3,483	3,957	3,212	3,648	252	286	
5 or More Units	1,104	1,254	3,880	4,408	3,654	4,151	217	247	
Building Floorspace (square feet)									
Fewer than 1,001	671	762	3,760	4,271	3,491	3,966	139	158	
1,001 to 2,000	3,124	3,549	13,419	15,244	12,729	14,461	538	611	
2,001 to 5,000	4,689	5,326	20,967	23,818	20,033	22,757	805	915	
5,001 to 10,000	662	752	2,850	3,238	2,666	3,028	171	194	
10,001 to 25,000	388	441	1,083	1,230	1,041	1,182	42	48	
25,001 to 50,000	92	104	441	501	413	470	Q	Q	
50,001 to 100,000	150	170	589	669	558	634	31	35	
100,001 to 200,000	65	74	226	257	208	236	18	21	
Over 200,000	43	49	202	230	187	212	14	16	
Year Constructed									
1939 or Before	880	999	9,615	10,923	8,960	10,179	548	622	
1940 to 1949	482	547	3,038	3,451	2,826	3,211	159	180	
1950 to 1959	1,258	1,429	6,897	7,835	6,514	7,400	340	386	
1960 to 1969	1,821	2,069	6,989	7,940	6,608	7,507	323	367	
1970 to 1979	2,956	3,358	9,778	11,108	9,434	10,717	258	293	
1980 to 1990	2,488	2,827	7,220	8,202	6,983	7,933	159	180	

NF = No applicable RSE row/column factor, estimates derived from regression model.

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.

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Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

**Table R22.90. Total Expenditures (1987 and 1990 Dollars) by End Use in Residential Buildings, 1990
(Million Dollars)**

Building Characteristics	End Uses										RSE Row Factors
	All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
	RSE Column Factors:	1.0	1.0	NF	NF	NF	NF	NF	NF	NF	
All Buildings	96,994	110,185	30,079	34,170	13,446	15,274	9,932	11,283	43,537	49,458	1.1
Census Region											
Northeast	24,891	28,276	10,048	11,414	3,398	3,860	910	1,034	10,536	11,969	2.3
Midwest	23,670	26,889	8,898	10,109	3,167	3,598	1,501	1,705	10,104	11,478	1.9
South	32,724	37,174	7,145	8,117	4,488	5,098	6,522	7,409	14,569	16,551	2.3
West	15,709	17,845	3,988	4,530	2,393	2,719	1,000	1,136	8,328	9,461	2.9
Census Division											
New England	5,630	6,396	2,521	2,863	874	993	112	127	2,123	2,412	5.7
Middle Atlantic	19,261	21,881	7,527	8,551	2,524	2,867	798	907	8,412	9,556	3.0
East North Central	17,233	19,577	6,668	7,575	2,385	2,709	904	1,026	7,276	8,266	2.5
West North Central	6,437	7,312	2,230	2,533	782	889	597	678	2,827	3,212	3.9
South Atlantic	16,960	19,267	3,792	4,308	2,521	2,864	3,193	3,627	7,454	8,468	3.7
East South Central	5,516	6,266	1,462	1,661	845	960	837	951	2,372	2,694	6.9
West South Central	10,248	11,641	1,891	2,148	1,122	1,274	2,492	2,831	4,743	5,388	6.3
Mountain	4,274	4,855	1,283	1,457	635	721	326	371	2,030	2,306	7.3
Pacific	11,435	12,990	2,705	3,073	1,758	1,997	673	765	6,298	7,154	4.7
Type of Home											
Mobile Home	4,640	5,271	1,546	1,756	802	911	433	492	1,858	2,111	11.8
Single-Family											
Detached	68,863	78,228	21,248	24,138	8,742	9,931	7,157	8,130	31,716	36,029	2.2
Single-Family											
Attached	5,966	6,778	1,934	2,197	822	934	612	695	2,599	2,952	10.4
2 to 4 Units	8,933	10,148	3,410	3,874	1,432	1,627	607	689	3,483	3,957	8.6
5 or More Units	8,591	9,760	1,940	2,204	1,647	1,872	1,124	1,276	3,880	4,408	7.4
Building Floorspace (square feet)											
Fewer than 1,001	8,406	9,550	2,501	2,841	1,475	1,675	671	762	3,760	4,271	6.3
1,001 to 2,000	28,950	32,887	8,370	9,508	4,027	4,575	3,134	3,560	13,419	15,244	3.6
2,001 to 5,000	47,297	53,729	15,625	17,751	5,998	6,813	4,707	5,347	20,967	23,818	2.9
5,001 to 10,000	6,793	7,717	2,255	2,562	1,017	1,155	671	763	2,850	3,238	8.5
10,001 to 25,000	2,507	2,848	593	674	442	503	388	441	1,083	1,230	15.9
25,001 to 50,000	877	996	187	212	155	176	95	107	441	501	19.6
50,001 to 100,000	1,270	1,443	324	368	204	232	154	174	589	669	21.4
100,001 to 200,000	501	569	127	144	78	89	70	79	226	257	29.7
Over 200,000	392	446	97	110	50	57	43	49	202	230	31.3
Year Constructed											
1939 or Before	22,970	26,094	9,410	10,689	3,063	3,479	882	1,002	9,615	10,923	4.4
1940 to 1949	6,988	7,939	2,496	2,835	973	1,106	482	547	3,038	3,451	6.9
1950 to 1959	14,771	16,780	4,775	5,424	1,839	2,089	1,261	1,432	6,897	7,835	4.9
1960 to 1969	15,056	17,104	4,243	4,820	1,995	2,266	1,829	2,078	6,989	7,940	6.3
1970 to 1979	21,577	24,511	5,645	6,413	3,181	3,613	2,973	3,378	9,778	11,108	4.6
1980 to 1990	15,631	17,757	3,511	3,988	2,395	2,721	2,505	2,846	7,220	8,202	6.4

NF = No applicable RSE row/column factor, estimates derived from regression model.
 Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
 • See "Glossary" for definition of terms used in this report.
 Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

**Table R23.90. Electricity Expenditures (1987 and 1990 Dollars) by End Use in Residential Buildings, 1990
(Million Dollars)**

Building Characteristics	End Uses										RSE Row Factors
	All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
	RSE Column Factors:	1.0	1.0	NF	NF	NF	NF	NF	NF	NF	
All Buildings	62,972	71,537	5,419	6,156	6,344	7,207	9,884	11,228	41,325	46,946	1.5
Census Region											
Northeast	12,807	14,549	958	1,088	1,093	1,241	910	1,034	9,846	11,185	2.8
Midwest	13,526	15,366	1,028	1,168	1,382	1,570	1,496	1,699	9,620	10,928	3.2
South	25,636	29,123	2,243	2,548	2,908	3,303	6,497	7,381	13,988	15,891	2.7
West	11,003	12,499	1,189	1,351	962	1,092	981	1,114	7,871	8,941	4.0
Census Division											
New England	2,708	3,077	266	303	331	376	112	127	1,999	2,270	5.7
Middle Atlantic	10,099	11,472	692	786	762	865	798	907	7,848	8,915	3.5
East North Central	9,679	10,995	787	894	1,086	1,234	902	1,025	6,903	7,842	4.5
West North Central	3,847	4,371	241	274	296	336	594	674	2,717	3,087	4.2
South Atlantic	13,420	15,245	1,243	1,412	1,831	2,080	3,179	3,611	7,167	8,141	4.8
East South Central	4,238	4,814	502	571	600	682	837	951	2,298	2,611	5.8
West South Central	7,978	9,063	497	565	476	541	2,481	2,819	4,523	5,138	7.2
Mountain	2,748	3,121	221	251	243	276	324	368	1,960	2,226	8.2
Pacific	8,255	9,377	968	1,100	719	817	657	746	5,911	6,715	5.8
Type of Home											
Mobile Home	3,079	3,497	335	381	602	684	433	492	1,709	1,941	12.5
Single-Family Detached	44,924	51,033	3,398	3,860	4,133	4,695	7,132	8,101	30,261	34,377	2.5
Single-Family Attached	4,061	4,613	538	611	421	479	612	695	2,490	2,828	12.5
2 to 4 Units	4,686	5,323	427	486	443	503	604	686	3,212	3,648	11.1
5 or More Units	6,223	7,069	720	818	745	846	1,104	1,254	3,654	4,151	8.8
Building Floorspace (square feet)											
Fewer than 1,001	5,716	6,493	588	667	966	1,098	671	762	3,491	3,966	6.9
1,001 to 2,000	19,487	22,137	1,680	1,909	1,953	2,219	3,124	3,549	12,729	14,461	4.3
2,001 to 5,000	29,686	33,723	2,357	2,677	2,608	2,963	4,689	5,326	20,033	22,757	3.1
5,001 to 10,000	4,127	4,688	374	425	424	482	662	752	2,666	3,028	9.5
10,001 to 25,000	1,825	2,073	176	200	220	250	388	441	1,041	1,182	18.7
25,001 to 50,000	606	688	60	68	41	46	92	104	413	470	21.7
50,001 to 100,000	972	1,104	Q	Q	107	122	150	170	558	634	25.8
100,001 to 200,000	308	349	19	21	16	19	65	74	208	236	29.5
Over 200,000	246	280	Q	Q	Q	Q	43	49	187	212	37.5
Year Constructed											
1939 or Before	11,466	13,025	610	693	1,016	1,154	880	999	8,960	10,179	4.8
1940 to 1949	3,931	4,465	221	251	402	457	482	547	2,826	3,211	7.2
1950 to 1959	8,932	10,147	539	612	622	707	1,258	1,429	6,514	7,400	5.0
1960 to 1969	10,010	11,371	725	823	856	972	1,821	2,069	6,608	7,507	6.9
1970 to 1979	16,148	18,344	1,899	2,157	1,860	2,113	2,956	3,358	9,434	10,717	5.3
1980 to 1990	12,485	14,183	1,425	1,619	1,588	1,804	2,488	2,827	6,983	7,933	6.7

NF = No applicable RSE row/column factor, estimates derived from regression model.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

**Table R24.90. Natural Gas Expenditures (1987 and 1990 Dollars) by End Use in Residential Buildings, 1990
(Million Dollars)**

Building Characteristics	End Uses								RSE Row Factors
	All End Uses		Space Heating		Water Heating		Appliances		
	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
	RSE Column Factors:	1.0	1.0	NF	NF	NF	NF	NF	
All Buildings	23,998	27,261	16,362	18,588	5,801	6,590	1,786	2,028	3.3
Census Region									
Northeast	6,447	7,324	4,328	4,917	1,519	1,725	600	682	7.5
Midwest	8,125	9,230	6,172	7,011	1,567	1,780	381	433	5.3
South	5,201	5,909	3,385	3,845	1,373	1,559	419	476	8.3
West	4,224	4,798	2,478	2,815	1,342	1,525	385	437	5.1
Census Division									
New England	1,066	1,211	666	756	320	363	80	91	13.8
Middle Atlantic	5,382	6,113	3,662	4,160	1,199	1,362	520	591	8.9
East North Central	6,075	6,901	4,613	5,240	1,165	1,323	296	336	6.7
West North Central	2,050	2,329	1,559	1,771	402	457	85	97	6.0
South Atlantic	2,234	2,538	1,478	1,678	569	646	174	197	15.8
East South Central	879	998	618	702	216	245	45	51	18.7
West South Central	2,089	2,373	1,290	1,465	588	668	201	228	7.0
Mountain	1,382	1,570	950	1,079	366	416	63	72	12.9
Pacific	2,842	3,228	1,528	1,735	976	1,109	322	365	5.5
Type of Home									
Mobile Home	718	815	517	588	140	159	60	68	20.8
Single-Family Detached	16,545	18,795	11,677	13,265	3,692	4,194	1,150	1,307	4.6
Single-Family Attached	1,479	1,680	1,016	1,155	356	404	106	121	11.3
2 to 4 Units	3,342	3,797	2,231	2,534	857	974	252	286	11.6
5 or More Units	1,914	2,175	921	1,046	756	859	217	247	11.5
Building Floorspace (square feet)									
Fewer than 1,001	1,564	1,777	1,053	1,197	372	422	139	158	8.1
1,001 to 2,000	6,954	7,900	4,642	5,273	1,765	2,005	538	611	5.3
2,001 to 5,000	12,284	13,955	8,722	9,909	2,738	3,111	805	915	4.7
5,001 to 10,000	1,950	2,216	1,272	1,444	499	567	171	194	11.8
10,001 to 25,000	619	703	365	414	212	241	42	48	18.8
25,001 to 50,000	207	235	89	101	87	99	Q	Q	17.9
50,001 to 100,000	202	230	Q	Q	56	64	31	35	34.4
100,001 to 200,000	126	144	63	71	41	46	18	21	33.9
Over 200,000	90	102	45	52	30	35	14	16	42.2
Year Constructed									
1939 or Before	7,920	8,998	5,706	6,482	1,664	1,890	548	622	5.4
1940 to 1949	2,236	2,540	1,624	1,845	453	515	159	180	8.7
1950 to 1959	4,010	4,555	2,726	3,096	941	1,069	340	386	6.2
1960 to 1969	3,869	4,395	2,536	2,881	1,002	1,138	323	367	8.0
1970 to 1979	3,702	4,205	2,328	2,644	1,098	1,248	258	293	7.2
1980 to 1990	2,261	2,569	1,443	1,639	643	731	159	180	11.6

NF = No applicable RSE row/column factor, estimates derived from regression model.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

**Table R25.90. Fuel Oil Expenditures (1987 and 1990 Dollars) by End Use in Residential Buildings, 1990
(Million Dollars)**

Building Characteristics	End Uses						RSE Row Factors
	All End Uses		Space Heating		Water Heating		
	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
RSE Column Factors:	1.0	1.0	NF	NF	NF	NF	
All Buildings	6,718	7,631	5,986	6,800	731	831	6.3
Census Region							
Northeast	5,212	5,921	4,503	5,115	386	806	7.1
Midwest	819	931	810	921	709	10	17.0
South	557	633	545	619	Q	Q	24.4
West	Q	Q	Q	Q	Q	Q	0.0
Census Division							
New England	1,688	1,917	1,505	1,710	182	207	6.2
Middle Atlantic	3,525	4,004	2,997	3,405	527	599	10.1
East North Central	635	721	630	716	5	6	20.4
West North Central	184	209	180	205	4	4	30.5
South Atlantic	519	589	507	576	Q	Q	25.8
East South Central	Q	Q	Q	Q	*	*	0.0
West South Central	*	*	*	*	*	*	0.0
Mountain	Q	Q	Q	Q	*	*	0.0
Pacific	Q	Q	Q	Q	Q	Q	0.0
Type of Home							
Mobile Home	129	147	129	147	*	*	41.6
Single-Family							
Detached	4,929	5,599	4,488	5,099	440	500	7.5
Single-Family					45		
Attached	407	462	362	412		51	21.6
2 to 4 Units	815	926	714	811	101	115	14.9
5 or More Units	438	498	292	332	146	166	17.7
Building Floorspace (square feet)							
Fewer than 1,001	278	316	255	289	Q	Q	24.0
1,001 to 2,000	1,127	1,280	1,028	1,168	99	113	12.7
2,001 to 5,000	4,336	4,926	3,907	4,439	428	487	9.9
5,001 to 10,000	638	725	567	644	71	81	11.7
10,001 to 25,000	Q	Q	Q	Q	Q	Q	0.0
25,001 to 50,000	Q	Q	Q	Q	27	30	0.0
50,001 to 100,000	96	109	Q	Q	41	46	25.6
100,001 to 200,000	67	76	Q	Q	21	24	45.1
Over 200,000	55	62	44	49	11	13	9.6
Year Constructed							
1939 or Before	2,723	3,094	2,496	2,835	228	259	12.0
1940 to 1949	512	582	471	535	41	47	16.2
1950 to 1959	1,462	1,661	1,240	1,409	222	252	16.1
1960 to 1969	900	1,022	805	915	94	107	12.7
1970 to 1979	940	1,067	817	928	122	139	19.0
1980 to 1990	181	206	157	178	24	28	18.4

NF = No applicable RSE row/column factor, estimates derived from regression model.

* = Value rounds to zero in the units displayed.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.