

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.

• 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 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.)	
	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.