

**Table C8. Consumption and Gross Energy Intensity by Census Division for Sum of Major Fuels for Non-Mall Buildings, 2003: Part 2**

	Sum of Major Fuel Consumption (trillion Btu)			Total Floorspace of Buildings (million square feet)			Energy Intensity for Sum of Major Fuels (thousand Btu/square foot)		
	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central
<b>All Buildings*</b> .....	436	1,064	309	5,485	12,258	3,393	79.5	86.8	91.1
<b>Building Floorspace (Square Feet)</b>									
1,001 to 5,000 .....	60	116	36	922	1,207	538	64.9	96.5	67.8
5,001 to 10,000 .....	44	103	Q	722	1,387	393	60.5	74.0	Q
10,001 to 25,000 .....	65	126	Q	1,164	2,240	810	55.9	56.4	Q
25,001 to 50,000 .....	107	112	Q	949	1,672	498	112.5	67.3	Q
50,001 to 100,000 .....	64	123	59	642	1,470	650	99.0	83.4	91.3
100,001 to 200,000 .....	49	237	Q	614	2,087	Q	79.8	113.5	Q
200,001 to 500,000 .....	Q	110	Q	395	1,072	Q	Q	102.2	Q
Over 500,000 .....	Q	137	Q	Q	1,123	Q	Q	122.1	Q
<b>Principal Building Activity</b>									
Education .....	45	198	Q	552	2,445	341	81.0	80.9	Q
Food Sales .....	Q	Q	Q	Q	223	Q	Q	Q	Q
Food Service .....	Q	112	Q	206	433	99	Q	259.2	Q
Health Care .....	Q	120	Q	247	749	219	Q	160.1	Q
Inpatient .....	Q	Q	Q	Q	469	Q	Q	Q	Q
Outpatient .....	Q	Q	Q	Q	280	Q	Q	Q	Q
Lodging .....	55	91	Q	595	939	368	92.6	96.8	Q
Retail (Other Than Mall).....	31	66	Q	337	897	353	93.6	73.4	Q
Office .....	62	155	50	799	1,958	481	77.6	79.3	103.2
Public Assembly .....	Q	42	Q	377	440	Q	Q	94.3	Q
Public Order and Safety .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	18	29	Q	395	721	310	46.2	39.6	Q
Service .....	31	Q	Q	514	753	307	61.3	73.5	Q
Warehouse and Storage .....	51	66	Q	994	1,836	390	51.0	35.7	Q
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vacant .....	Q	Q	Q	Q	252	Q	Q	Q	Q
<b>Year Constructed</b>									
Before 1920 .....	39	Q	Q	553	Q	Q	70.2	Q	Q
1920 to 1945 .....	Q	40	Q	496	650	300	Q	61.5	Q
1946 to 1959 .....	39	88	Q	574	1,097	239	68.5	80.3	Q
1960 to 1969 .....	71	98	Q	850	1,379	483	83.5	71.4	Q
1970 to 1979 .....	87	152	64	1,039	1,464	789	83.3	103.6	80.7
1980 to 1989 .....	41	221	Q	463	2,403	431	89.5	91.8	142.3
1990 to 1999 .....	83	327	59	1,091	3,652	766	76.5	89.4	76.6
2000 to 2003 .....	30	113	Q	420	1,272	342	72.6	89.0	Q
<b>Climate Zone: 30-Year Average</b>									
Under 2,000 CDD and --									
More than 7,000 HDD .....	225	N	N	2,565	N	N	87.9	N	N
5,500-7,000 HDD .....	98	N	N	Q	N	N	74.1	N	N
4,000-5,499 HDD .....	113	264	Q	1,597	2,616	Q	70.5	100.8	112.6
Fewer than 4,000 HDD .....	N	564	Q	N	6,422	Q	N	87.8	77.6
2,000 CDD or More and --									
Fewer than 4,000 HDD .....	N	237	Q	N	3,220	Q	N	73.5	99.5
<b>Number of Floors</b>									
One .....	149	370	102	2,227	5,753	1,641	66.9	64.3	62.1
Two .....	146	215	104	1,926	2,700	864	76.0	79.7	120.8
Three .....	64	99	Q	703	1,043	442	91.6	95.0	Q
Four to Nine .....	69	284	58	579	2,003	355	118.4	142.0	163.0
Ten or More .....	Q	95	Q	Q	759	Q	Q	125.3	Q

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**Table C8. Consumption and Gross Energy Intensity by Census Division for Sum of Major Fuels for Non-Mall Buildings, 2003: Part 2**

	Sum of Major Fuel Consumption (trillion Btu)			Total Floorspace of Buildings (million square feet)			Energy Intensity for Sum of Major Fuels (thousand Btu/square foot)		
	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central
<b>All Buildings*</b> .....	436	1,064	309	5,485	12,258	3,393	79.5	86.8	91.1
<b>Elevators and Escalators (more than one may apply)</b>									
Any Elevators .....	169	549	134	1,627	4,612	923	104.1	119.1	145.0
Number of Elevators									
One .....	79	115	Q	860	1,475	369	91.5	78.0	Q
Two to Five .....	64	246	Q	644	1,900	386	98.6	129.6	Q
Six or More .....	Q	188	Q	Q	1,237	168	Q	152.0	Q
Any Escalators .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Number of Workers (main shift)</b>									
Fewer than 5 .....	77	115	40	1,763	2,517	1,107	43.9	45.7	35.8
5 to 9 .....	46	75	36	598	1,284	476	76.5	58.5	74.8
10 to 19 .....	60	97	24	867	1,392	350	69.6	69.9	69.1
20 to 49 .....	99	152	97	876	1,773	701	113.6	86.0	138.6
50 to 99 .....	73	128	Q	742	1,611	Q	98.3	79.7	Q
100 to 249 .....	Q	239	Q	397	1,737	Q	Q	137.8	Q
250 or More .....	Q	256	Q	242	1,943	Q	Q	131.9	Q
<b>Weekly Operating Hours</b>									
Fewer than 40 .....	18	41	9	700	1,211	416	26.4	34.0	22.5
40 to 48 .....	55	126	61	1,036	2,109	770	53.1	59.5	78.6
49 to 60 .....	100	165	Q	1,273	3,074	610	78.2	53.7	92.7
61 to 84 .....	72	171	57	845	1,926	600	84.9	88.6	94.2
85 to 167 .....	Q	197	Q	558	1,402	Q	Q	140.8	Q
Open Continuously .....	122	364	108	1,073	2,536	823	114.0	143.6	131.2
<b>Ownership and Occupancy</b>									
Nongovernment Owned .....	344	748	200	4,455	9,049	2,453	77.2	82.6	81.7
Owner Occupied .....	187	365	72	2,416	4,141	967	77.4	88.1	74.2
Nonowner Occupied .....	156	378	128	1,942	4,678	1,450	80.4	80.8	88.5
Unoccupied .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Government Owned .....	92	316	109	1,030	3,209	940	89.5	98.5	115.8
Federal .....	Q	Q	Q	Q	Q	Q	Q	126.6	Q
State .....	Q	96	Q	Q	726	507	Q	132.9	Q
Local .....	50	168	28	726	2,078	376	68.4	81.0	75.2
<b>Vacancy Status</b>									
Completely Vacant .....	Q	Q	Q	Q	241	Q	Q	Q	Q
Mostly Vacant .....	Q	Q	N	Q	Q	Q	Q	Q	N
Partially Vacant .....	62	137	26	864	1,980	397	71.5	69.3	64.8
Not At All Vacant .....	366	920	283	4,427	10,026	2,898	82.7	91.8	97.7
<b>Number of Establishments</b>									
One .....	310	752	223	4,044	8,902	2,707	76.7	84.5	82.4
2 to 5 .....	89	193	Q	970	2,139	385	91.3	90.1	Q
6 to 10 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
11 to 20 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
More than 20 .....	Q	Q	Q	Q	320	Q	Q	Q	Q
Currently Unoccupied .....	Q	Q	Q	Q	241	Q	Q	Q	Q

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**Table C8. Consumption and Gross Energy Intensity by Census Division for Sum of Major Fuels for Non-Mall Buildings, 2003: Part 2**

	Sum of Major Fuel Consumption (trillion Btu)			Total Floorspace of Buildings (million square feet)			Energy Intensity for Sum of Major Fuels (thousand Btu/square foot)		
	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central
<b>All Buildings*</b> .....	436	1,064	309	5,485	12,258	3,393	79.5	86.8	91.1
<b>Predominant Exterior Wall Material</b>									
Brick, Stone or Stucco .....	192	514	177	2,082	6,051	1,824	92.4	84.9	97.1
Concrete (Block or Poured) .....	108	190	73	1,002	2,371	641	108.2	80.1	113.5
Concrete Panels .....	Q	189	Q	375	1,416	Q	Q	133.6	Q
Siding or Shingles .....	35	41	Q	711	649	Q	49.7	62.6	Q
Metal Panels .....	50	97	Q	1,229	1,450	616	40.4	66.6	Q
Window Glass .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
No One Major Type .....	Q	Q	N	Q	Q	N	Q	Q	N
<b>Predominant Roof Material</b>									
Built-Up .....	137	373	119	1,349	4,125	827	101.8	90.4	143.5
Shingles (Not Wood) .....	72	132	48	1,129	1,889	638	64.1	69.7	75.1
Metal Surfacing .....	75	137	60	1,616	2,557	1,116	46.7	53.7	53.9
Synthetic or Rubber .....	115	292	70	990	2,449	643	116.3	119.2	108.5
Slate or Tile .....	Q	47	Q	Q	624	Q	Q	74.8	Q
Wooden Materials .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Concrete .....	Q	Q	N	Q	Q	N	Q	Q	N
Other .....	Q	Q	N	Q	Q	N	Q	Q	N
No One Major Type .....	Q	Q	N	Q	Q	N	Q	Q	N
<b>Renovations in Buildings Constructed Before 1980 (more than one may apply)</b>									
Any Type of Renovation									
Since 1980 .....	169	231	85	1,945	2,304	884	87.1	100.3	96.6
Addition or Annex .....	85	91	46	727	884	392	116.7	102.9	118.3
Reduction In Floorspace .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Cosmetic Improvements .....	124	141	70	1,525	1,497	677	81.1	94.4	103.5
Wall or Roof Replacement .....	73	100	36	871	961	340	83.8	103.6	105.7
Interior Wall									
Re-Configuration .....	75	107	Q	877	1,036	334	85.0	103.7	Q
HVAC Equipment Upgrade .....	112	161	63	1,197	1,559	464	93.3	103.1	135.6
Lighting Upgrade .....	97	111	60	1,074	1,186	440	90.7	93.5	137.3
Window Replacement .....	40	43	Q	508	505	Q	78.7	85.5	Q
Plumbing System Upgrade .....	61	79	Q	721	782	262	84.0	101.6	Q
Insulation Upgrade .....	44	Q	Q	512	468	Q	86.6	Q	Q
Other Renovation .....	N	Q	Q	N	Q	Q	N	Q	Q
No Renovations Since 1980 .....	111	172	77	1,566	2,626	971	71.1	65.7	78.8
Building Newer than 1980 .....	155	660	147	1,974	7,327	1,538	78.7	90.1	95.8
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	436	1,064	309	5,328	12,097	3,220	81.9	88.0	96.0
Natural Gas .....	350	693	241	3,593	6,326	2,281	97.4	109.6	105.6
Fuel Oil .....	112	291	Q	961	2,639	341	116.4	110.3	Q
District Heat .....	Q	220	Q	Q	1,243	Q	Q	177.4	Q
District Chilled Water .....	Q	115	Q	Q	667	Q	Q	172.3	Q
Propane .....	48	116	Q	991	1,548	265	48.2	75.1	39.4
Other .....	Q	Q	Q	222	Q	Q	Q	Q	Q

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**Table C8. Consumption and Gross Energy Intensity by Census Division for Sum of Major Fuels for Non-Mall Buildings, 2003: Part 2**

	Sum of Major Fuel Consumption (trillion Btu)			Total Floorspace of Buildings (million square feet)			Energy Intensity for Sum of Major Fuels (thousand Btu/square foot)		
	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central
<b>All Buildings*</b> .....	436	1,064	309	5,485	12,258	3,393	79.5	86.8	91.1
<b>Space-Heating Energy Sources (more than one may apply)</b>									
Electricity .....	185	598	113	2,328	7,347	1,411	79.7	81.4	80.1
Natural Gas .....	327	504	223	3,422	4,852	2,110	95.7	103.8	105.7
Fuel Oil .....	Q	59	Q	460	627	Q	Q	93.5	Q
District Heat .....	Q	214	Q	Q	1,173	Q	Q	182.7	Q
Propane .....	23	64	Q	695	908	Q	33.3	70.9	Q
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Primary Space-Heating Energy Source</b>									
Electricity .....	70	334	61	1,058	4,968	791	65.7	67.2	77.2
Natural Gas .....	289	445	182	3,091	4,175	1,817	93.3	106.7	100.0
Fuel Oil .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
District Heat .....	Q	210	Q	Q	1,149	Q	Q	182.9	Q
Propane .....	Q	Q	Q	496	456	Q	29.7	39.7	Q
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Cooling Energy Sources (more than one may apply)</b>									
Electricity .....	404	965	270	4,625	10,969	2,820	87.4	88.0	95.7
Natural Gas .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
District Chilled Water .....	Q	115	Q	Q	667	Q	Q	172.3	Q
<b>Water-Heating Energy Sources (more than one may apply)</b>									
Electricity .....	190	558	140	2,391	7,033	1,581	79.6	79.3	88.9
Natural Gas .....	233	476	189	2,382	3,649	1,456	98.0	130.5	130.0
Fuel Oil .....	Q	Q	N	Q	Q	N	Q	Q	N
District Heat .....	Q	123	Q	Q	730	Q	Q	168.9	Q
Propane .....	Q	Q	Q	362	391	Q	Q	Q	Q
<b>Cooking Energy Sources (more than one may apply)</b>									
Electricity .....	97	322	76	850	2,611	665	114.4	123.3	114.3
Natural Gas .....	123	405	109	913	2,741	786	134.8	147.7	138.2
Propane .....	Q	Q	Q	Q	374	Q	Q	Q	Q
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	435	1,031	306	5,108	11,012	3,056	85.2	93.7	100.1
Buildings with Cooling .....	411	1,052	306	4,694	11,474	2,985	87.5	91.7	102.4
Buildings with Water Heating .....	417	1,026	300	4,720	10,714	2,858	88.4	95.8	105.0
Buildings with Cooking .....	167	514	129	1,472	4,198	1,055	113.4	122.5	122.3
Buildings with Manufacturing .....	Q	Q	Q	Q	296	Q	Q	Q	Q
Buildings with Electricity Generation .....	100	280	Q	760	2,396	324	132.1	117.0	Q
<b>Percent of Floorspace Heated</b>									
Not Heated .....	Q	33	Q	377	1,246	337	Q	26.1	Q
1 to 50 .....	11	71	Q	356	1,105	353	31.6	64.3	Q
51 to 99 .....	39	143	34	513	1,864	309	75.7	76.9	108.4
100 .....	385	817	252	4,239	8,043	2,394	90.8	101.6	105.2

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	Sum of Major Fuel Consumption (trillion Btu)			Total Floorspace of Buildings (million square feet)			Energy Intensity for Sum of Major Fuels (thousand Btu/square foot)		
	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central
<b>All Buildings*</b> .....	436	1,064	309	5,485	12,258	3,393	79.5	86.8	91.1
<b>Percent of Floorspace Cooled</b>									
Not Cooled .....	25	12	Q	791	784	408	32.1	15.7	Q
1 to 50 .....	100	125	Q	1,571	2,418	472	63.5	51.6	Q
51 to 99 .....	131	230	53	1,325	2,624	459	98.5	87.6	115.2
100 .....	180	697	229	1,797	6,431	2,054	100.4	108.4	111.6
<b>Percent Lit When Open</b>									
Zero .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
1 to 50 .....	62	56	25	1,178	1,313	505	52.9	43.0	49.4
51 to 99 .....	137	294	84	1,658	3,293	913	82.8	89.3	91.6
100 .....	233	704	200	2,362	7,210	1,730	98.8	97.6	115.7
Building Never Open/ Electricity Not Used .....	Q	Q	Q	281	363	Q	Q	Q	Q
<b>Percent Lit When Closed</b>									
Zero .....	113	206	29	1,936	3,431	623	58.4	60.0	46.4
1 to 50 .....	184	443	161	2,192	5,687	1,682	84.1	77.9	95.8
51 to 100 .....	Q	Q	Q	Q	491	Q	Q	Q	Q
Building Never Closed/ Electricity Not Used .....	122	364	108	1,197	2,649	942	102.2	137.5	114.7
<b>Heating Equipment (more than one may apply)</b>									
Heat Pumps .....	29	297	48	339	3,677	542	84.5	80.8	89.4
Packaged Heat Pumps .....	Q	199	Q	Q	2,145	246	Q	92.6	Q
Split-System Heat Pumps .....	Q	103	Q	Q	1,459	214	Q	70.5	Q
Individual Room Heat Pumps .....	Q	79	Q	Q	1,039	Q	Q	76.1	Q
Furnaces .....	203	188	53	2,657	2,772	895	76.5	67.8	59.0
Individual Space Heaters .....	132	183	37	1,625	2,148	563	81.3	85.4	66.6
District Heat .....	Q	214	Q	Q	1,173	Q	Q	182.7	Q
Boilers .....	157	265	134	1,675	2,135	786	93.6	124.0	170.1
Packaged Heating Units .....	107	372	106	1,135	3,917	1,215	94.3	94.8	87.2
Other .....	33	51	Q	386	905	Q	86.1	56.8	Q
<b>Cooling Equipment (more than one may apply)</b>									
Residential-Type Central									
Air Conditioners .....	134	147	36	1,568	1,843	489	85.1	79.6	72.8
Heat Pumps .....	28	307	54	317	3,742	586	88.3	82.0	92.6
Packaged Heat Pumps .....	Q	195	Q	Q	2,104	294	Q	92.5	87.4
Split-System Heat Pumps .....	Q	108	Q	Q	1,494	225	Q	72.3	Q
Individual Room Heat Pumps .....	Q	86	Q	Q	1,079	Q	Q	80.1	Q
Individual Air Conditioners .....	96	184	42	1,289	2,218	610	74.1	83.0	68.9
District Chilled Water .....	Q	115	Q	Q	667	Q	Q	172.3	Q
Central Chillers .....	93	319	87	768	2,489	594	121.7	128.3	146.8
Packaged Air Conditioning									
Units .....	247	478	151	2,581	5,520	1,555	95.6	86.5	97.3
Swamp Coolers .....	N	Q	Q	N	Q	Q	N	Q	Q
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Main Equipment Replaced Since 1990 (more than one may apply)</b>									
Heating .....	141	179	76	1,754	2,253	886	80.4	79.5	85.3
Cooling .....	176	247	108	2,052	3,111	1,059	85.7	79.2	102.3

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	Sum of Major Fuel Consumption (trillion Btu)			Total Floorspace of Buildings (million square feet)			Energy Intensity for Sum of Major Fuels (thousand Btu/square foot)		
	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central
<b>All Buildings*</b> .....	436	1,064	309	5,485	12,258	3,393	79.5	86.8	91.1
<b>Water Heating Equipment</b>									
Centralized System .....	268	539	190	3,029	5,649	1,890	88.4	95.3	100.4
Distributed System .....	61	174	38	920	2,432	469	66.1	71.5	80.6
Combination of Centralized and Distributed System .....	89	314	73	771	2,633	499	114.9	119.1	145.4
<b>Lighting Equipment Types (more than one may apply)</b>									
Incandescent .....	321	743	198	3,762	7,028	1,984	85.4	105.7	99.7
Standard Fluorescent .....	425	1,028	301	5,006	11,245	3,022	84.8	91.4	99.6
Compact Fluorescent .....	214	579	186	1,983	4,856	1,262	108.1	119.3	147.4
High Intensity Discharge .....	140	421	74	1,515	4,053	706	92.6	104.0	104.6
Halogen .....	161	430	68	1,402	3,474	620	115.0	123.9	109.7
Other .....	N	Q	Q	N	Q	Q	N	Q	Q
<b>Refrigeration Equipment (more than one may apply)<sup>a</sup></b>									
Any Refrigeration.....	393	1,003	295	4,544	10,256	2,829	86.5	97.8	104.4
Commercial Refrigeration .....	200	686	165	1,835	5,426	1,145	109.1	126.4	144.4
Walk-In Units .....	160	606	150	1,341	4,324	862	119.5	140.1	174.0
Cases or Cabinets .....	150	550	140	1,276	4,246	993	117.9	129.5	140.5
Residential-Type Units .....	277	603	165	3,545	7,043	1,834	78.2	85.7	90.1
Vending Machines .....	264	743	222	2,817	7,066	2,056	93.6	105.1	107.9
No Refrigeration .....	43	61	Q	941	2,002	565	45.9	30.7	Q
<b>Office Equipment (more than one may apply)</b>									
Computers .....	403	966	293	4,533	10,483	2,724	88.8	92.1	107.6
With Flat Screen Monitors .....	184	519	176	1,762	4,768	1,314	104.6	108.8	134.1
Dedicated Servers .....	274	684	200	2,796	6,839	1,606	97.9	99.9	124.7
Laser Printers .....	228	525	163	2,784	6,059	1,813	81.9	86.7	89.9
Inkjet Printers .....	251	619	181	2,489	6,138	1,502	101.0	100.8	120.3
FAX Machines .....	373	948	278	4,157	9,973	2,551	89.7	95.1	108.8
Photocopiers .....	322	831	241	3,586	8,821	2,211	89.7	94.2	109.1
<b>Number of Computers</b>									
None .....	34	98	16	952	1,775	669	35.3	55.5	23.8
1 to 4 .....	81	175	63	1,207	2,124	807	67.5	82.4	78.2
5 to 9 .....	78	71	35	826	1,154	520	94.4	61.5	67.7
10 to 19 .....	50	78	Q	621	1,321	Q	80.8	59.3	Q
20 to 49 .....	68	119	68	736	1,207	437	91.8	98.3	154.6
50 to 99 .....	Q	118	Q	305	1,265	Q	Q	93.4	Q
100 to 249 .....	56	140	Q	630	1,353	Q	89.0	103.4	Q
250 or More .....	Q	264	Q	208	2,059	Q	Q	128.4	Q
<b>Number of Dedicated Servers</b>									
None .....	162	380	109	2,689	5,419	1,788	60.4	70.2	61.0
1 to 4 .....	217	363	159	2,366	4,155	1,272	91.9	87.4	124.8
5 to 9 .....	Q	103	Q	212	966	Q	Q	106.2	Q
10 to 19 .....	Q	121	Q	Q	837	Q	Q	145.0	Q
20 to 49 .....	Q	Q	Q	Q	524	Q	Q	Q	Q
50 or More .....	Q	Q	Q	Q	Q	Q	Q	96.6	Q

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**Table C8. Consumption and Gross Energy Intensity by Census Division for Sum of Major Fuels for Non-Mall Buildings, 2003: Part 2**

	Sum of Major Fuel Consumption (trillion Btu)			Total Floorspace of Buildings (million square feet)			Energy Intensity for Sum of Major Fuels (thousand Btu/square foot)		
	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central
<b>All Buildings*</b> .....	436	1,064	309	5,485	12,258	3,393	79.5	86.8	91.1
<b>Number of Photocopiers</b>									
None .....	114	233	68	1,899	3,437	1,182	60.3	67.7	57.5
One .....	125	179	63	1,615	2,611	1,016	77.2	68.7	61.6
2 to 4 .....	115	262	102	1,281	3,060	659	89.8	85.8	154.2
5 to 9 .....	Q	119	Q	388	1,124	Q	Q	105.8	Q
10 or More .....	42	270	44	302	2,026	284	139.8	133.5	155.2
<b>Energy-Related Space Functions (more than one may apply)</b>									
Commercial Food Preparation .....	167	514	129	1,472	4,196	1,055	113.4	122.6	122.3
Activities with Large Amounts of Hot Water .....	193	518	115	1,678	4,178	949	115.2	124.1	121.6
Separate Computer Area .....	173	532	121	1,723	5,236	1,028	100.5	101.6	117.9
<b>HVAC Conservation Features (more than one may apply)</b>									
Variable Air-Volume System .....	155	447	120	1,342	3,818	788	115.5	117.2	152.4
Economizer Cycle .....	166	476	105	1,533	3,815	828	108.5	124.7	126.7
HVAC Maintenance .....	336	959	261	3,704	9,547	2,258	90.7	100.4	115.5
Energy Management and Control System (EMCS) .....	103	331	80	965	3,426	542	107.2	96.6	148.5
<b>Window and Interior Lighting Features (more than one may apply)</b>									
Multipaned Windows .....	333	696	180	3,738	7,191	1,685	89.2	96.7	107.1
Tinted Window Glass .....	179	644	129	1,925	6,498	1,169	93.1	99.1	110.1
Reflective Window Glass .....	69	167	56	711	1,655	257	97.0	100.8	216.5
External Overhangs or Awnings .....	148	367	111	1,688	3,814	1,022	87.4	96.3	108.4
Skylights or Atriums .....	93	173	43	929	1,831	434	100.2	94.4	99.4
Daylighting Sensors .....	Q	Q	Q	Q	448	Q	Q	Q	Q
Specular Reflectors .....	190	499	74	1,896	4,553	785	100.0	109.6	94.0
Electronic Ballasts .....	364	869	238	3,987	8,835	2,177	91.4	98.4	109.2
Energy Management and Control System (EMCS) For Lighting .....	Q	70	Q	Q	810	Q	Q	85.9	Q

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**Table C8. Consumption and Gross Energy Intensity by Census Division for Sum of Major Fuels for Non-Mall Buildings, 2003: Part 2**

	Sum of Major Fuel Consumption (trillion Btu)			Total Floorspace of Buildings (million square feet)			Energy Intensity for Sum of Major Fuels (thousand Btu/square foot)		
	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central	West North Central	South Atlantic	East South Central
<b>All Buildings*</b> .....	436	1,064	309	5,485	12,258	3,393	79.5	86.8	91.1
<b>Equipment Usage Reduced When Building Not In Full Use (more than one may apply)<sup>a</sup></b>									
Heating .....	267	617	203	3,314	7,843	2,124	80.5	78.7	95.7
Cooling .....	265	684	214	3,323	8,678	2,175	79.6	78.9	98.2
Lighting .....	298	668	194	4,037	9,061	2,340	73.9	73.7	83.0
Office Equipment .....	134	234	59	1,767	3,468	703	75.7	67.4	83.3

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbecs>.

\* Figures in this table do not include enclosed malls and strip malls. Mall buildings add an estimated 213 thousand buildings comprising 6.9 billion square feet. In the 1999 CBECS, malls represented 6.6 percent of total consumption.

<sup>a</sup> The definition for one or more of these row items has changed and may not be directly comparable with past CBECS estimates. See "Guide to the Tables" for discussion of the differences.

Q=Data withheld because the Relative Standard Error (RSE) was greater than 50 percent, or fewer than 20 buildings were sampled.

N=No responding cases in sample.

Notes: • Statistics for the "Energy End Uses" category represent total consumption in buildings that have the end use, not consumption specifically for that particular end use. • HVAC = Heating, Ventilation, and Air Conditioning. • Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.