

Table C7. Consumption and Gross Energy Intensity by Census Division for Sum of Major Fuels for Non-Mall Buildings, 2003: Part 1

	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)		
	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central
All Buildings*	294	978	1,254	2,964	9,941	11,595	99.0	98.3	108.1
Building Floorspace (Square Feet)									
1,001 to 5,000	33	85	146	360	666	974	91.2	128.1	149.7
5,001 to 10,000	Q	64	73	359	764	843	Q	83.7	86.8
10,001 to 25,000	Q	115	163	553	1,419	1,934	Q	81.2	84.3
25,001 to 50,000	Q	74	140	347	944	1,618	Q	78.7	86.8
50,001 to 100,000	Q	134	148	516	1,524	1,618	Q	87.8	91.5
100,001 to 200,000	Q	150	203	414	1,703	1,682	Q	87.9	120.8
200,001 to 500,000	Q	177	214	Q	1,673	1,801	Q	105.8	118.8
Over 500,000	Q	Q	Q	Q	1,248	1,126	Q	Q	Q
Principal Building Activity									
Education	Q	143	175	Q	1,384	1,990	Q	103.1	87.7
Food Sales	Q	Q	Q	Q	Q	218	Q	Q	Q
Food Service	Q	Q	68	Q	127	248	Q	Q	276.6
Health Care	Q	102	122	Q	464	551	Q	219.0	220.7
Inpatient	Q	Q	Q	Q	310	316	Q	Q	Q
Outpatient	Q	Q	Q	Q	Q	235	Q	Q	Q
Lodging	Q	Q	70	374	797	548	Q	Q	126.7
Retail (Other Than Mall).....	Q	30	59	Q	419	544	Q	72.3	108.4
Office	66	239	263	578	2,434	2,190	114.6	98.0	120.1
Public Assembly	Q	Q	80	Q	769	635	Q	Q	126.8
Public Order and Safety	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship	Q	28	41	Q	474	720	Q	58.1	56.4
Service	Q	45	78	Q	620	775	Q	72.0	100.8
Warehouse and Storage	Q	55	175	Q	1,112	2,023	Q	49.2	86.4
Other	Q	Q	Q	Q	501	248	Q	Q	Q
Vacant	Q	Q	Q	Q	Q	791	Q	Q	Q
Year Constructed									
Before 1920	38	76	84	444	962	999	86.7	79.0	84.5
1920 to 1945	Q	180	216	611	1,893	1,603	Q	95.0	135.0
1946 to 1959	Q	168	125	Q	1,745	1,454	Q	96.0	86.2
1960 to 1969	Q	150	134	Q	1,393	1,380	Q	107.4	97.0
1970 to 1979	Q	145	235	450	1,273	2,198	Q	114.2	107.1
1980 to 1989	Q	118	179	265	1,109	1,486	Q	106.4	120.8
1990 to 1999	Q	87	202	Q	1,130	1,655	Q	77.1	122.1
2000 to 2003	Q	Q	76	Q	435	820	Q	Q	93.3
Climate Zone: 30-Year Average									
Under 2,000 CDD and --									
More than 7,000 HDD	61	Q	313	Q	1,445	3,050	62.8	94.2	102.8
5,500-7,000 HDD	232	293	940	1,993	3,404	8,545	116.6	85.9	110.0
4,000-5,499 HDD	N	549	N	N	5,092	N	N	107.8	N
Fewer than 4,000 HDD	N	N	N	N	N	N	N	N	N
2,000 CDD or More and --									
Fewer than 4,000 HDD	N	N	N	N	N	N	N	N	N
Number of Floors									
One	55	216	416	545	2,606	3,877	100.4	83.0	107.3
Two	49	205	283	742	2,288	3,251	65.6	89.7	87.0
Three	Q	113	172	755	1,327	1,881	Q	85.2	91.4
Four to Nine	129	239	312	793	2,210	2,081	163.1	108.0	149.7
Ten or More	Q	Q	71	Q	1,510	506	Q	Q	141.2

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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)		
	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central
All Buildings*	294	978	1,254	2,964	9,941	11,595	99.0	98.3	108.1
Elevators and Escalators (more than one may apply)									
Any Elevators	164	559	624	1,375	4,762	5,050	119.3	117.3	123.5
Number of Elevators									
One	Q	111	210	500	1,086	2,224	Q	102.2	94.3
Two to Five	Q	219	270	723	2,248	2,060	Q	97.3	131.3
Six or More	Q	229	144	Q	1,428	766	Q	160.4	187.3
Any Escalators	Q	Q	Q	Q	494	Q	Q	Q	Q
Number of Workers (main shift)									
Fewer than 5	58	95	264	776	1,599	3,195	74.3	59.5	82.5
5 to 9	Q	64	85	401	684	866	Q	94.3	98.3
10 to 19	Q	102	122	409	1,463	1,214	Q	69.5	100.3
20 to 49	Q	168	210	350	1,964	1,980	Q	85.3	106.2
50 to 99	Q	126	158	Q	1,110	1,570	Q	113.3	100.7
100 to 249	Q	Q	163	Q	1,034	1,212	Q	Q	134.1
250 or More	Q	306	252	Q	2,087	1,558	Q	146.7	161.8
Weekly Operating Hours									
Fewer than 40	Q	28	65	Q	725	1,600	Q	38.3	40.4
40 to 48	Q	123	184	440	1,672	1,746	86.5	73.7	105.2
49 to 60	45	176	348	837	2,261	3,340	53.7	77.9	104.1
61 to 84	Q	140	179	494	1,554	1,737	Q	90.4	103.2
85 to 167	Q	135	218	Q	1,078	1,450	Q	125.6	150.0
Open Continuously	Q	375	261	756	2,651	1,721	163.2	141.3	151.4
Ownership and Occupancy									
Nongovernment Owned	215	778	799	2,283	8,106	8,015	94.2	96.0	99.7
Owner Occupied	151	429	401	1,587	4,317	3,755	95.2	99.5	106.7
Nonowner Occupied	64	344	385	669	3,535	3,597	95.4	97.2	107.0
Unoccupied	Q	Q	Q	Q	Q	663	Q	Q	Q
Government Owned	78	199	454	682	1,835	3,580	115.1	108.7	126.9
Federal	Q	Q	Q	Q	Q	Q	Q	Q	Q
State	Q	Q	Q	Q	386	536	Q	Q	Q
Local	Q	145	202	346	1,360	2,199	Q	106.7	91.7
Vacancy Status									
Completely Vacant	Q	Q	Q	Q	Q	756	Q	Q	Q
Mostly Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q
Partially Vacant	94	204	261	1,031	2,086	2,255	90.7	97.6	115.6
Not At All Vacant	199	763	973	1,795	7,475	8,549	110.6	102.1	113.9
Number of Establishments									
One	198	643	952	1,784	6,277	8,315	111.2	102.4	114.5
2 to 5	51	193	202	615	1,901	1,833	83.1	101.7	110.5
6 to 10	Q	Q	Q	Q	411	264	Q	Q	Q
11 to 20	Q	Q	Q	Q	Q	Q	Q	Q	Q
More than 20	Q	Q	Q	Q	641	Q	Q	Q	Q
Currently Unoccupied	Q	Q	Q	Q	Q	756	Q	Q	Q

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Table C7. Consumption and Gross Energy Intensity by Census Division for Sum of Major Fuels for Non-Mall Buildings, 2003: Part 1

	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)		
	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central
All Buildings*	294	978	1,254	2,964	9,941	11,595	99.0	98.3	108.1
Predominant Exterior Wall Material									
Brick, Stone or Stucco	166	604	812	1,541	5,707	7,166	107.7	105.8	113.4
Concrete (Block or Poured)	Q	164	180	284	1,900	1,885	Q	86.1	95.5
Concrete Panels	Q	Q	104	Q	550	855	Q	Q	121.4
Siding or Shingles	52	24	36	779	415	473	66.5	57.6	75.5
Metal Panels	Q	Q	45	Q	862	651	Q	Q	69.8
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	Q	Q	Q	Q	Q	Q	Q
Predominant Roof Material									
Built-Up	Q	373	448	704	3,363	3,913	Q	110.9	114.5
Shingles (Not Wood)	66	141	186	683	1,340	2,070	96.3	105.5	89.8
Metal Surfacing	Q	49	85	Q	780	1,046	Q	62.7	81.3
Synthetic or Rubber	151	317	367	1,018	3,097	3,453	148.5	102.2	106.3
Slate or Tile	Q	Q	Q	Q	398	236	Q	Q	Q
Wooden Materials	Q	Q	Q	Q	Q	Q	Q	Q	Q
Concrete	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	Q	Q	Q	Q	Q	Q	Q
Renovations in Buildings Constructed Before 1980 (more than one may apply)									
Any Type of Renovation									
Since 1980	138	399	396	1,445	3,659	3,492	95.6	109.0	113.4
Addition or Annex	Q	162	156	Q	1,395	1,243	Q	116.3	125.7
Reduction In Floorspace	Q	Q	Q	Q	Q	Q	Q	Q	Q
Cosmetic Improvements	95	324	302	943	3,010	2,354	100.8	107.7	128.4
Wall or Roof Replacement	71	189	158	720	1,955	1,367	98.1	96.8	115.2
Interior Wall									
Re-Configuration	73	192	220	639	1,850	1,709	114.9	103.6	128.7
HVAC Equipment Upgrade	75	263	257	739	2,287	2,136	101.7	115.0	120.6
Lighting Upgrade	92	273	240	853	2,497	1,985	107.9	109.4	120.7
Window Replacement	73	198	144	688	2,061	1,339	105.7	96.2	107.4
Plumbing System Upgrade	78	182	154	633	1,878	1,177	123.8	97.0	131.2
Insulation Upgrade	Q	100	71	356	1,014	700	Q	99.0	101.4
Other Renovation	Q	Q	Q	Q	Q	Q	Q	Q	Q
No Renovations Since 1980	70	320	399	752	3,608	4,142	93.3	88.6	96.4
Building Newer than 1980	Q	259	458	767	2,675	3,961	110.9	96.9	115.6
Energy Sources (more than one may apply)									
Electricity	294	978	1,253	2,942	9,867	11,373	99.8	99.1	110.2
Natural Gas	187	810	1,029	1,465	7,716	9,570	127.8	105.0	107.5
Fuel Oil	147	489	277	1,577	4,502	1,871	92.9	108.7	148.1
District Heat	Q	Q	Q	Q	1,082	1,420	Q	Q	Q
District Chilled Water	Q	Q	Q	Q	583	569	Q	Q	Q
Propane	53	Q	164	Q	505	Q	62.0	Q	136.7
Other	Q	Q	Q	Q	Q	283	Q	Q	Q

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	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central
All Buildings*	294	978	1,254	2,964	9,941	11,595	99.0	98.3	108.1
Space-Heating Energy Sources (more than one may apply)									
Electricity	Q	319	362	1,132	3,273	3,895	110.7	97.4	92.9
Natural Gas	153	625	899	1,198	6,041	8,758	127.7	103.5	102.7
Fuel Oil	104	254	Q	1,219	2,708	456	85.5	Q	Q
District Heat	Q	Q	Q	Q	1,015	1,420	Q	Q	Q
Propane	Q	Q	Q	Q	Q	Q	Q	Q	Q
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q
Primary Space-Heating Energy Source									
Electricity	Q	87	135	Q	1,127	1,487	Q	76.8	91.1
Natural Gas	118	559	824	1,061	5,377	8,230	110.7	104.0	100.1
Fuel Oil	99	141	Q	1,161	2,089	Q	85.6	Q	Q
District Heat	Q	Q	Q	Q	970	1,319	Q	Q	Q
Propane	Q	Q	Q	Q	Q	Q	Q	Q	Q
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q
Cooling Energy Sources (more than one may apply)									
Electricity	245	829	983	1,946	8,456	9,157	126.0	98.1	107.4
Natural Gas	Q	Q	Q	Q	Q	Q	Q	Q	Q
District Chilled Water	Q	Q	Q	Q	583	569	Q	Q	Q
Water-Heating Energy Sources (more than one may apply)									
Electricity	123	281	374	1,439	3,686	4,086	85.5	76.3	91.6
Natural Gas	Q	563	709	682	4,919	6,417	142.4	114.4	110.5
Fuel Oil	68	87	Q	590	952	Q	115.5	Q	Q
District Heat	Q	Q	Q	Q	775	588	Q	Q	Q
Propane	Q	Q	Q	Q	Q	Q	Q	Q	Q
Cooking Energy Sources (more than one may apply)									
Electricity	Q	258	352	537	1,958	2,934	Q	131.5	120.1
Natural Gas	Q	400	415	474	3,106	3,052	Q	128.9	135.9
Propane	Q	Q	Q	266	Q	Q	Q	Q	Q
Energy End Uses (more than one may apply)									
Buildings with Space Heating	292	972	1,247	2,819	9,778	11,223	103.5	99.4	111.1
Buildings with Cooling	254	916	1,100	2,021	8,932	9,790	125.7	102.5	112.4
Buildings with Water Heating	285	928	1,120	2,724	9,065	10,208	104.6	102.4	109.7
Buildings with Cooking	98	520	564	938	4,078	4,378	104.4	127.4	128.7
Buildings with Manufacturing	Q	71	44	Q	679	489	Q	105.2	90.0
Buildings with Electricity Generation	Q	385	387	567	2,678	2,558	Q	143.9	151.2
Percent of Floorspace Heated									
Not Heated	Q	Q	Q	Q	Q	372	Q	Q	Q
1 to 50	Q	41	45	Q	899	774	Q	45.1	58.2
51 to 99	Q	116	137	418	1,120	1,214	Q	103.7	113.2
100	242	816	1,065	1,913	7,758	9,235	126.3	105.1	115.3

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	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central
All Buildings*	294	978	1,254	2,964	9,941	11,595	99.0	98.3	108.1
Percent of Floorspace Cooled									
Not Cooled	39	62	153	943	1,009	1,805	41.9	61.3	84.9
1 to 50	93	232	236	922	3,349	3,186	100.8	69.2	74.2
51 to 99	Q	286	305	550	2,551	2,436	Q	112.0	125.1
100	70	398	559	550	3,033	4,169	127.5	131.3	134.1
Percent Lit When Open									
Zero	Q	Q	Q	Q	Q	Q	Q	Q	Q
1 to 50	44	114	116	953	1,796	1,575	45.8	63.3	73.6
51 to 99	105	321	377	1,070	2,529	3,641	97.9	126.9	103.4
100	143	535	737	830	5,221	5,418	172.4	102.5	136.0
Building Never Open/ Electricity Not Used	Q	Q	Q	Q	372	946	Q	Q	Q
Percent Lit When Closed									
Zero	43	147	321	721	2,086	3,237	59.3	70.3	99.1
1 to 50	119	423	606	1,400	4,880	6,101	85.3	86.6	99.3
51 to 100	Q	Q	Q	Q	Q	Q	Q	Q	Q
Building Never Closed/ Electricity Not Used	Q	375	261	764	2,711	1,916	161.3	138.2	136.1
Heating Equipment (more than one may apply)									
Heat Pumps	Q	141	68	Q	1,019	719	Q	137.9	94.1
Packaged Heat Pumps	Q	Q	49	Q	656	541	Q	Q	91.4
Split-System Heat Pumps	Q	Q	Q	Q	Q	Q	Q	Q	Q
Individual Room Heat Pumps	Q	Q	Q	Q	430	Q	Q	Q	Q
Furnaces	82	193	393	990	2,606	4,572	83.2	74.1	85.9
Individual Space Heaters	Q	166	207	1,011	1,775	2,544	95.1	93.7	81.5
District Heat	Q	Q	Q	Q	1,000	1,420	Q	Q	Q
Boilers	159	502	499	1,465	4,763	4,466	108.4	105.4	111.7
Packaged Heating Units	110	255	294	615	2,297	2,531	178.9	110.8	116.2
Other	Q	Q	41	Q	408	434	Q	Q	94.7
Cooling Equipment (more than one may apply)									
Residential-Type Central									
Air Conditioners	Q	190	209	291	2,100	2,040	Q	90.5	102.4
Heat Pumps	Q	141	71	Q	1,008	746	Q	140.0	95.7
Packaged Heat Pumps	Q	Q	53	Q	646	563	Q	Q	93.8
Split-System Heat Pumps	Q	Q	Q	Q	Q	Q	Q	Q	Q
Individual Room Heat Pumps	Q	Q	Q	Q	430	Q	Q	Q	Q
Individual Air Conditioners	105	247	225	925	2,762	2,199	113.0	89.5	102.2
District Chilled Water	Q	Q	Q	Q	583	569	Q	Q	Q
Central Chillers	Q	240	310	383	1,469	2,074	Q	163.7	149.7
Packaged Air Conditioning									
Units	140	517	604	872	5,128	5,505	160.9	100.8	109.8
Swamp Coolers	Q	Q	Q	Q	Q	Q	Q	Q	Q
Other	Q	Q	Q	Q	Q	317	Q	Q	Q
Main Equipment Replaced Since 1990 (more than one may apply)									
Heating	70	234	320	1,013	2,961	3,273	69.3	79.0	97.9
Cooling	143	392	421	1,100	4,353	3,700	130.0	90.0	113.8

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	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central
All Buildings*	294	978	1,254	2,964	9,941	11,595	99.0	98.3	108.1
Water Heating Equipment									
Centralized System	183	645	732	1,839	5,930	6,695	99.5	108.8	109.3
Distributed System	Q	142	167	Q	1,815	1,750	Q	78.2	95.3
Combination of Centralized and Distributed System	Q	141	221	375	1,319	1,763	Q	107.0	125.5
Lighting Equipment Types (more than one may apply)									
Incandescent	218	642	810	1,996	6,105	7,211	109.3	105.2	112.4
Standard Fluorescent	282	948	1,212	2,724	9,435	10,701	103.6	100.5	113.3
Compact Fluorescent	192	553	623	1,474	4,616	4,845	130.1	119.7	128.5
High Intensity Discharge	138	354	607	1,021	3,358	5,104	135.2	105.3	119.0
Halogen	107	323	412	769	2,812	3,259	139.4	114.8	126.3
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q
Refrigeration Equipment (more than one may apply)^a									
Any Refrigeration.....	270	866	1,063	2,474	8,367	9,538	108.9	103.5	111.4
Commercial Refrigeration	160	598	683	1,107	4,830	5,286	144.6	123.9	129.2
Walk-In Units	138	450	541	889	3,563	3,860	155.4	126.2	140.2
Cases or Cabinets	144	497	504	849	3,656	3,702	170.0	135.8	136.1
Residential-Type Units	216	603	748	2,037	6,251	7,247	106.2	96.5	103.2
Vending Machines	200	585	760	1,569	4,990	6,583	127.5	117.3	115.4
No Refrigeration	Q	112	191	490	1,574	2,056	Q	70.9	92.7
Office Equipment (more than one may apply)									
Computers	280	917	1,123	2,521	8,996	9,882	111.2	102.0	113.7
With Flat Screen Monitors	159	589	566	1,156	4,839	4,584	137.5	121.7	123.4
Dedicated Servers	202	707	754	1,656	6,486	6,456	121.9	109.1	116.8
Laser Printers	160	525	606	1,569	5,526	5,678	102.1	95.0	106.8
Inkjet Printers	151	567	663	1,204	5,211	5,817	125.7	108.8	114.0
FAX Machines	266	899	1,018	2,367	8,806	9,138	112.2	102.1	111.5
Photocopiers	230	821	914	1,869	8,024	8,273	122.9	102.4	110.5
Number of Computers									
None	13	60	130	443	945	1,712	29.5	63.9	76.0
1 to 4	62	121	245	570	1,511	2,536	108.9	80.0	96.7
5 to 9	Q	68	115	Q	1,087	1,112	Q	62.9	103.9
10 to 19	Q	82	118	329	992	1,069	Q	82.4	110.3
20 to 49	Q	110	118	322	1,182	1,196	Q	92.9	98.6
50 to 99	Q	84	95	Q	1,018	744	Q	Q	128.1
100 to 249	Q	136	142	Q	1,054	1,221	Q	128.7	115.9
250 or More	Q	316	290	439	2,151	2,005	Q	146.9	144.7
Number of Dedicated Servers									
None	92	270	500	1,308	3,455	5,139	70.0	78.2	97.2
1 to 4	109	409	433	1,028	4,219	4,202	106.2	96.8	103.1
5 to 9	Q	Q	93	Q	604	754	Q	Q	122.8
10 to 19	Q	Q	101	Q	437	647	Q	Q	156.2
20 to 49	Q	Q	Q	Q	411	Q	Q	Q	Q
50 or More	Q	Q	Q	Q	815	Q	Q	Q	Q

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Table C7. Consumption and Gross Energy Intensity by Census Division for Sum of Major Fuels for Non-Mall Buildings, 2003: Part 1

	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)		
	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central
All Buildings*	294	978	1,254	2,964	9,941	11,595	99.0	98.3	108.1
Number of Photocopiers									
None	64	156	339	1,095	1,917	3,322	58.3	81.4	102.1
One	52	179	242	683	2,344	2,620	76.1	76.5	92.2
2 to 4	89	187	269	643	2,302	2,745	137.9	81.4	98.1
5 to 9	Q	129	122	Q	1,250	1,013	Q	103.4	120.9
10 or More	Q	325	281	276	2,128	1,894	Q	152.9	148.2
Energy-Related Space Functions (more than one may apply)									
Commercial Food Preparation	98	520	564	938	4,078	4,378	104.4	127.4	128.7
Activities with Large Amounts of Hot Water	139	367	490	995	2,927	3,546	139.5	125.4	138.1
Separate Computer Area	158	605	558	1,045	4,880	4,759	151.0	124.0	117.3
HVAC Conservation Features (more than one may apply)									
Variable Air-Volume System	Q	419	493	592	3,188	3,660	Q	131.5	134.8
Economizer Cycle	135	452	586	824	3,317	4,350	163.8	136.3	134.6
HVAC Maintenance	261	899	1,121	2,311	8,736	9,424	112.8	102.9	119.0
Energy Management and Control System (EMCS)	Q	350	356	429	2,573	2,835	Q	135.9	125.7
Window and Interior Lighting Features (more than one may apply)									
Multipaned Windows	243	707	919	2,307	7,001	8,023	105.2	101.0	114.6
Tinted Window Glass	Q	495	663	803	4,155	5,393	165.4	119.2	123.0
Reflective Window Glass	Q	159	180	Q	1,436	1,454	Q	110.4	124.1
External Overhangs or Awnings	Q	237	294	577	2,110	2,537	Q	112.2	115.8
Skylights or Atriums	Q	255	287	476	2,416	2,338	Q	105.4	122.8
Daylighting Sensors	Q	Q	89	Q	319	608	Q	Q	146.7
Specular Reflectors	157	517	741	1,390	4,444	5,813	112.9	116.4	127.5
Electronic Ballasts	237	765	1,039	2,162	7,125	8,623	109.8	107.4	120.5
Energy Management and Control System (EMCS) For Lighting	Q	Q	131	Q	758	988	Q	Q	133.1

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Table C7. Consumption and Gross Energy Intensity by Census Division for Sum of Major Fuels for Non-Mall Buildings, 2003: Part 1

	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)		
	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central	New England	Middle Atlantic	East North Central
All Buildings*	294	978	1,254	2,964	9,941	11,595	99.0	98.3	108.1
Equipment Usage Reduced When Building Not In Full Use (more than one may apply)^a									
Heating	165	757	742	1,768	7,751	7,595	93.3	97.6	97.7
Cooling	160	723	738	1,456	7,356	7,147	109.8	98.3	103.2
Lighting	165	559	961	2,067	6,639	8,846	79.7	84.2	108.6
Office Equipment	74	280	363	847	3,422	3,645	88.0	81.8	99.5

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.

^a 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.