

**Table C2. Total Energy Expenditures by Major Fuel for Non-Mall Buildings, 2003**

	All Buildings*		Total Energy Expenditures (million dollars)				
	Number of Buildings (thousand)	Floorspace (million square feet)	Sum of Major Fuels	Electricity	Natural Gas	Fuel Oil	District Heat
All Buildings* .....	4,645	64,783	92,577	69,032	14,525	1,776	7,245
<b>Building Floorspace (Square Feet)</b>							
1,001 to 5,000 .....	2,552	6,789	12,812	10,348	2,155	292	Q
5,001 to 10,000 .....	889	6,585	9,398	7,296	1,689	307	Q
10,001 to 25,000 .....	738	11,535	13,140	10,001	2,524	232	Q
25,001 to 50,000 .....	241	8,668	10,392	7,871	1,865	127	Q
50,001 to 100,000 .....	129	9,057	11,897	8,717	1,868	203	Q
100,001 to 200,000 .....	65	9,064	13,391	9,500	1,737	272	Q
200,001 to 500,000 .....	25	7,176	10,347	7,323	1,343	272	Q
Over 500,000 .....	7	5,908	11,201	7,977	1,344	71	1,810
<b>Principal Building Activity</b>							
Education .....	386	9,874	12,008	8,111	1,889	362	Q
Food Sales .....	226	1,255	4,990	4,627	332	Q	N
Food Service .....	297	1,654	6,865	5,176	1,615	Q	Q
Health Care .....	129	3,163	7,440	4,882	1,538	79	Q
Inpatient .....	8	1,905	5,329	3,198	1,241	67	Q
Outpatient .....	121	1,258	2,111	1,684	297	Q	Q
Lodging .....	142	5,096	7,445	5,288	1,581	272	Q
Retail (Other Than Mall).....	443	4,317	5,980	5,132	719	117	Q
Office .....	824	12,208	20,841	17,050	2,201	149	1,441
Public Assembly .....	277	3,939	5,790	3,943	775	230	Q
Public Order and Safety .....	71	1,090	1,917	1,216	234	Q	Q
Religious Worship .....	370	3,754	2,457	1,628	664	Q	Q
Service .....	622	4,050	4,779	3,485	1,096	Q	Q
Warehouse and Storage .....	597	10,078	6,894	5,034	976	74	Q
Other .....	79	1,738	4,420	3,049	684	Q	Q
Vacant .....	182	2,567	751	412	220	Q	Q
<b>Year Constructed</b>							
Before 1920 .....	330	3,769	4,131	2,319	1,134	304	Q
1920 to 1945 .....	527	6,871	8,670	5,123	1,708	417	1,423
1946 to 1959 .....	562	7,045	8,540	5,729	1,610	392	Q
1960 to 1969 .....	579	8,101	11,378	7,714	1,872	Q	Q
1970 to 1979 .....	731	10,772	16,129	12,637	2,466	182	Q
1980 to 1989 .....	707	10,332	17,346	13,902	2,270	78	Q
1990 to 1999 .....	876	12,360	18,761	15,236	2,452	72	Q
2000 to 2003 .....	334	5,533	7,623	6,373	1,012	Q	Q
<b>Census Region and Division</b>							
Northeast .....	726	12,905	21,344	14,262	3,553	1,393	2,136
New England .....	233	2,964	4,851	3,125	673	557	Q
Middle Atlantic .....	493	9,941	16,493	11,137	2,880	836	Q
Midwest .....	1,266	17,080	21,521	14,172	4,844	176	2,329
East North Central .....	696	11,595	15,908	10,220	3,649	Q	Q
West North Central .....	571	5,485	5,613	3,952	1,195	Q	Q
South .....	1,775	23,489	31,595	25,540	3,866	125	Q
South Atlantic .....	874	12,258	17,563	14,155	1,934	112	Q
East South Central .....	348	3,393	4,569	3,348	817	Q	Q
West South Central .....	553	7,837	9,463	8,037	1,115	5	Q
West .....	878	11,310	18,118	15,057	2,261	81	Q
Mountain .....	299	3,675	5,629	4,272	1,089	Q	Q
Pacific .....	580	7,635	12,488	10,786	1,172	Q	Q

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	All Buildings*		Total Energy Expenditures (million dollars)				
	Number of Buildings (thousand)	Floorspace (million square feet)	Sum of Major Fuels	Electricity	Natural Gas	Fuel Oil	District Heat
All Buildings* .....	4,645	64,783	92,577	69,032	14,525	1,776	7,245
<b>Climate Zone: 30-Year Average</b>							
Under 2,000 CDD and --							
More than 7,000 HDD .....	855	10,622	13,709	9,135	3,076	471	Q
5,500-7,000 HDD .....	1,173	17,335	24,455	16,298	4,901	530	Q
4,000-5,499 HDD .....	673	11,504	18,507	13,354	2,702	713	Q
Fewer than 4,000 HDD .....	1,276	15,739	22,372	18,211	2,920	54	Q
2,000 CDD or More and --							
Fewer than 4,000 HDD .....	669	9,584	13,534	12,034	925	8	Q
<b>Number of Floors</b>							
One .....	3,136	25,981	33,617	26,809	5,406	397	Q
Two .....	1,031	16,270	20,932	16,066	3,627	550	Q
Three .....	339	7,501	9,143	6,389	1,816	304	Q
Four to Nine .....	128	10,085	18,968	12,517	2,560	428	3,462
Ten or More .....	12	4,947	9,917	7,251	1,116	97	1,454
<b>Elevators and Escalators (more than one may apply)</b>							
Any Elevators .....	309	24,617	42,252	30,227	5,802	641	5,582
Number of Elevators							
One .....	208	8,221	10,967	7,712	1,713	172	Q
Two to Five .....	88	10,129	17,217	12,340	2,387	343	2,147
Six or More .....	13	6,268	14,068	10,175	1,702	125	2,066
Any Escalators .....	6	2,350	4,861	4,096	Q	Q	Q
<b>Number of Workers (main shift)</b>							
Fewer than 5 .....	2,653	15,492	13,615	9,503	2,308	578	Q
5 to 9 .....	778	6,166	8,265	6,390	1,666	151	Q
10 to 19 .....	563	7,803	9,936	7,647	1,841	254	Q
20 to 49 .....	398	10,989	16,406	11,966	2,951	274	Q
50 to 99 .....	147	7,934	11,165	8,532	1,780	204	Q
100 to 249 .....	77	6,871	12,970	9,768	1,652	146	Q
250 or More .....	30	9,528	20,222	15,224	2,327	169	2,502
<b>Weekly Operating Hours</b>							
Fewer than 40 .....	1,002	6,863	3,695	2,489	892	133	Q
40 to 48 .....	1,117	11,622	12,749	9,577	2,018	457	Q
49 to 60 .....	1,062	15,723	19,461	14,232	2,928	260	2,041
61 to 84 .....	591	10,334	15,040	11,559	2,373	309	Q
85 to 167 .....	400	7,092	14,287	11,188	1,906	151	Q
Open Continuously .....	475	13,149	27,346	19,987	4,407	466	2,486
<b>Ownership and Occupancy</b>							
Nongovernment Owned .....	4,011	49,421	69,675	54,122	11,558	1,249	2,746
Owner Occupied .....	1,841	23,591	33,551	25,441	5,361	671	2,078
Nonowner Occupied .....	2,029	23,914	35,713	28,446	6,070	578	Q
Unoccupied .....	141	1,916	Q	Q	Q	Q	Q
Government Owned .....	635	15,363	22,902	14,910	2,967	526	4,499
Federal .....	46	1,956	3,964	2,159	226	Q	Q
State .....	164	3,808	7,090	3,973	748	170	Q
Local .....	425	9,599	11,849	8,777	1,993	299	Q
<b>Vacancy Status</b>							
Completely Vacant .....	157	2,161	516	258	142	Q	Q
Mostly Vacant .....	25	406	Q	Q	Q	Q	N
Partially Vacant .....	548	12,382	17,624	13,209	2,477	231	1,708
Not At All Vacant .....	3,915	49,834	74,203	55,411	11,828	1,536	5,427

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**Table C2. Total Energy Expenditures by Major Fuel for Non-Mall Buildings, 2003**

	All Buildings*		Total Energy Expenditures (million dollars)				
	Number of Buildings (thousand)	Floorspace (million square feet)	Sum of Major Fuels	Electricity	Natural Gas	Fuel Oil	District Heat
All Buildings* .....	4,645	64,783	92,577	69,032	14,525	1,776	7,245
<b>Number of Establishments</b>							
One .....	3,754	45,144	65,153	48,376	10,950	1,466	4,361
2 to 5 .....	643	10,960	16,030	11,440	2,377	224	Q
6 to 10 .....	55	1,958	3,402	2,632	366	Q	Q
11 to 20 .....	23	1,951	2,718	2,268	248	Q	Q
More than 20 .....	14	2,609	4,759	4,057	441	Q	Q
Currently Unoccupied .....	157	2,161	516	258	142	Q	Q
<b>Predominant Exterior Wall Material</b>							
Brick, Stone or Stucco .....	2,044	32,817	48,399	34,133	8,403	1,135	4,728
Concrete (Block or Poured) .....	786	10,832	16,015	12,417	2,622	206	Q
Concrete Panels .....	131	6,559	10,792	8,417	1,326	Q	Q
Siding or Shingles .....	779	4,120	5,071	4,007	735	323	Q
Metal Panels .....	825	7,912	8,196	6,726	1,059	77	Q
Window Glass .....	17	1,024	1,709	1,462	83	Q	Q
Other .....	47	1,113	1,801	1,416	248	Q	Q
No One Major Type .....	18	406	Q	Q	Q	Q	Q
<b>Predominant Roof Material</b>							
Built-Up .....	1,036	21,170	33,145	24,170	5,529	302	3,144
Shingles (Not Wood) .....	1,325	10,195	13,564	10,264	2,482	529	Q
Metal Surfacing .....	1,288	11,944	10,782	8,837	1,516	165	Q
Synthetic or Rubber .....	511	14,730	24,825	18,633	3,905	367	Q
Slate or Tile .....	263	2,462	3,794	2,816	562	94	Q
Wooden Materials .....	122	887	1,140	869	160	Q	Q
Concrete .....	61	2,231	3,373	2,029	168	Q	Q
Other .....	16	598	Q	845	Q	Q	Q
No One Major Type .....	25	565	719	568	124	Q	Q
<b>Renovations in Buildings Constructed Before 1980 (more than one may apply)</b>							
Any Type of Renovation							
Since 1980 .....	1,018	17,844	25,657	17,830	4,851	806	2,170
Addition or Annex .....	256	6,551	9,530	6,501	1,982	Q	Q
Reduction In Floorspace .....	22	1,012	1,710	1,180	390	Q	Q
Cosmetic Improvements .....	741	13,119	19,621	13,845	3,587	593	1,595
Wall or Roof Replacement .....	370	8,070	11,653	8,129	1,966	422	Q
Interior Wall							
Re-Configuration .....	411	8,518	13,131	9,035	2,430	352	1,315
HVAC Equipment Upgrade .....	442	10,768	16,899	11,822	3,281	277	1,520
Lighting Upgrade .....	455	10,275	15,732	10,741	2,868	417	1,706
Window Replacement .....	310	6,354	9,102	6,168	1,734	391	Q
Plumbing System Upgrade .....	315	7,144	10,965	7,360	2,051	343	1,211
Insulation Upgrade .....	227	4,015	5,868	4,065	978	170	Q
Other Renovation .....	19	523	791	517	Q	Q	Q
No Renovations Since 1980 .....	1,710	18,714	23,191	15,691	3,939	778	Q
Building Newer than 1980 .....	1,917	28,225	43,729	35,511	5,734	192	Q

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	All Buildings*		Total Energy Expenditures (million dollars)				
	Number of Buildings (thousand)	Floorspace (million square feet)	Sum of Major Fuels	Electricity	Natural Gas	Fuel Oil	District Heat
All Buildings* .....	4,645	64,783	92,577	69,032	14,525	1,776	7,245
<b>Energy Sources (more than one may apply)</b>							
Electricity .....	4,404	63,307	92,574	69,032	14,523	1,774	7,245
Natural Gas .....	2,391	43,468	67,462	48,584	14,525	775	3,578
Fuel Oil .....	451	15,157	25,905	18,631	3,539	1,776	1,960
District Heat .....	67	5,443	14,098	6,519	323	10	7,245
District Chilled Water .....	33	2,853	7,647	3,667	244	13	Q
Propane .....	502	7,076	9,424	7,234	751	410	Q
Other .....	132	1,401	2,032	1,539	330	26	Q
<b>Space-Heating Energy Sources (more than one may apply)</b>							
Electricity .....	1,766	28,600	41,737	34,865	5,056	236	Q
Natural Gas .....	2,165	36,959	54,959	40,545	13,515	243	Q
Fuel Oil .....	360	5,988	7,485	4,513	1,194	1,676	Q
District Heat .....	65	5,198	13,623	6,106	270	8	7,238
Propane .....	372	3,204	3,303	2,985	Q	84	Q
Other .....	113	842	956	796	138	Q	N
<b>Primary Space-Heating Energy Source</b>							
Electricity .....	1,258	15,996	22,011	20,527	1,434	29	Q
Natural Gas .....	1,999	32,970	48,198	35,355	12,586	132	Q
Fuel Oil .....	282	3,818	3,963	2,246	162	1,555	N
District Heat .....	63	4,907	13,178	5,910	172	8	7,089
Propane .....	308	1,955	1,928	1,909	Q	Q	Q
Other .....	72	382	338	306	Q	Q	N
<b>Cooling Energy Sources (more than one may apply)</b>							
Electricity .....	3,589	54,321	81,478	63,402	13,267	1,371	3,438
Natural Gas .....	17	1,018	2,005	1,291	672	Q	Q
District Chilled Water .....	33	2,853	7,647	3,667	244	13	Q
<b>Water-Heating Energy Sources (more than one may apply)</b>							
Electricity .....	1,910	27,490	36,908	30,298	4,084	666	1,859
Natural Gas .....	1,445	28,820	47,610	34,524	11,092	441	Q
Fuel Oil .....	94	1,880	2,700	1,598	220	849	Q
District Heat .....	27	3,088	8,155	4,241	218	Q	3,690
Propane .....	128	1,422	1,871	1,734	Q	Q	Q
<b>Cooking Energy Sources (more than one may apply)</b>							
Electricity .....	410	13,161	23,623	17,845	3,843	363	1,572
Natural Gas .....	457	15,438	29,444	20,873	6,157	587	1,827
Propane .....	108	1,460	2,508	2,203	Q	201	Q
<b>Energy End Uses (more than one may apply)</b>							
Buildings with Space Heating .....	3,982	60,028	89,615	66,253	14,377	1,744	7,242
Buildings with Cooling .....	3,625	56,940	87,739	66,555	13,718	1,387	6,079
Buildings with Water Heating .....	3,472	56,478	87,218	65,526	14,025	1,682	5,984
Buildings with Cooking .....	801	22,237	40,266	29,777	7,163	929	2,396
Buildings with Manufacturing .....	119	3,138	3,950	3,117	718	56	Q
Buildings with Electricity Generation .....	149	12,821	25,422	18,679	3,718	253	2,772

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	All Buildings*		Total Energy Expenditures (million dollars)				
	Number of Buildings (thousand)	Floorspace (million square feet)	Sum of Major Fuels	Electricity	Natural Gas	Fuel Oil	District Heat
All Buildings* .....	4,645	64,783	92,577	69,032	14,525	1,776	7,245
<b>Percent of Floorspace Heated</b>							
Not Heated .....	663	4,756	2,962	2,779	Q	Q	Q
1 to 50 .....	523	6,850	5,600	4,645	831	109	Q
51 to 99 .....	498	8,107	11,972	9,096	2,078	206	Q
100 .....	2,962	45,071	72,043	52,512	11,468	1,428	6,635
<b>Percent of Floorspace Cooled</b>							
Not Cooled .....	1,020	7,843	4,838	2,476	807	389	Q
1 to 50 .....	985	16,598	15,503	10,901	3,465	728	Q
51 to 99 .....	629	13,211	22,446	16,916	3,341	355	1,833
100 .....	2,011	27,132	49,791	38,738	6,912	304	Q
<b>Percent Lit When Open</b>							
Zero .....	47	293	Q	Q	Q	Q	Q
1 to 50 .....	929	10,203	8,599	5,942	1,768	407	Q
51 to 99 .....	1,108	18,288	28,253	20,893	4,324	539	2,498
100 .....	2,176	32,789	54,958	41,762	8,222	820	4,154
Building Never Open/ Electricity Not Used .....	386	3,210	635	325	191	Q	Q
<b>Percent Lit When Closed</b>							
Zero .....	1,964	17,385	18,308	13,104	3,185	418	Q
1 to 50 .....	1,882	30,948	43,011	32,796	6,620	831	2,764
51 to 100 .....	136	2,093	3,910	3,144	311	Q	Q
Building Never Closed/ Electricity Not Used .....	664	14,357	27,349	19,987	4,409	468	2,486
<b>Heating Equipment (more than one may apply)</b>							
Heat Pumps .....	476	8,814	14,249	11,629	1,804	50	Q
Packaged Heat Pumps .....	278	5,442	9,330	7,929	1,115	Q	Q
Split-System Heat Pumps .....	166	2,581	3,696	2,946	361	Q	Q
Individual Room Heat Pumps .....	58	2,691	4,199	3,289	648	Q	Q
Furnaces .....	1,864	19,615	23,489	17,887	5,095	417	Q
Individual Space Heaters .....	819	12,545	15,964	12,387	2,720	253	Q
District Heat .....	65	5,166	13,505	6,051	269	8	7,177
Boilers .....	579	20,423	31,052	22,045	7,418	1,337	Q
Packaged Heating Units .....	953	18,021	29,902	24,318	4,477	139	Q
Other .....	205	3,262	3,988	3,451	368	46	Q
<b>Cooling Equipment (more than one may apply)</b>							
Residential-Type Central							
Air Conditioners .....	1,006	11,035	14,441	10,746	2,867	428	Q
Heat Pumps .....	492	9,041	14,738	12,060	1,887	49	Q
Packaged Heat Pumps .....	288	5,426	9,356	7,909	1,163	Q	Q
Split-System Heat Pumps .....	174	2,606	3,776	3,005	382	Q	Q
Individual Room Heat Pumps .....	58	2,940	4,621	3,721	660	Q	Q
Individual Air Conditioners .....	742	12,558	16,175	11,268	3,040	790	1,077
District Chilled Water .....	33	2,853	7,647	3,667	244	13	Q
Central Chillers .....	111	11,636	22,448	17,065	3,461	205	1,717
Packaged Air Conditioning							
Units .....	1,613	29,969	46,331	36,258	8,210	654	1,208
Swamp Coolers .....	122	1,561	2,350	1,808	520	Q	Q
Other .....	40	1,232	2,096	1,540	377	Q	Q

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	Number of Buildings (thousand)	Floorspace (million square feet)	Sum of Major Fuels	Electricity	Natural Gas	Fuel Oil	District Heat
All Buildings* .....	4,645	64,783	92,577	69,032	14,525	1,776	7,245
<b>Main Equipment Replaced Since 1990 (more than one may apply)</b>							
Heating .....	1,197	16,403	21,542	16,626	4,519	349	Q
Cooling .....	1,356	20,995	30,387	22,737	5,761	794	Q
<b>Water Heating Equipment</b>							
Centralized System .....	2,513	34,671	54,768	40,871	9,346	1,286	3,266
Distributed System .....	785	11,540	14,394	11,253	1,989	244	Q
Combination of Centralized and Distributed System .....	175	10,267	18,056	13,401	2,691	153	1,811
<b>Lighting Equipment Types (more than one may apply)</b>							
Incandescent .....	2,184	38,528	60,359	44,422	9,937	1,297	4,703
Standard Fluorescent .....	3,943	59,688	89,627	66,864	14,039	1,707	7,016
Compact Fluorescent .....	941	27,571	49,570	36,584	7,428	774	4,784
High Intensity Discharge .....	455	20,643	31,999	23,651	4,907	404	3,037
Halogen .....	565	17,703	30,218	23,011	4,680	506	2,021
Other .....	8	269	Q	Q	Q	Q	Q
<b>Refrigeration Equipment (more than one may apply)<sup>a</sup></b>							
Any Refrigeration.....	3,176	52,974	82,557	62,357	12,913	1,575	5,713
Commercial Refrigeration .....	1,007	26,768	50,937	38,581	8,073	961	3,322
Walk-In Units .....	666	20,254	41,811	31,769	6,648	726	2,668
Cases or Cabinets .....	825	20,424	41,463	31,335	6,571	732	2,825
Residential-Type Units .....	2,370	38,884	54,108	39,936	8,848	1,259	4,065
Vending Machines .....	996	35,335	56,290	42,043	8,276	811	5,159
No Refrigeration .....	1,469	11,809	10,020	6,675	1,612	200	Q
<b>Office Equipment (more than one may apply)</b>							
Computers .....	3,081	55,627	85,407	64,010	13,089	1,544	6,764
With Flat Screen Monitors .....	877	26,417	46,704	34,985	6,287	688	4,743
Dedicated Servers .....	1,175	36,338	59,377	44,941	8,657	809	4,969
Laser Printers .....	1,970	33,012	47,880	36,031	7,946	999	2,904
Inkjet Printers .....	1,420	32,210	52,520	39,920	7,784	582	4,234
FAX Machines .....	2,715	52,373	80,902	60,928	12,641	1,440	5,892
Photocopiers .....	1,939	46,257	70,079	52,409	10,542	1,198	5,930
<b>Number of Computers</b>							
None .....	1,565	9,156	7,170	5,021	1,436	232	Q
1 to 4 .....	1,670	12,395	17,257	12,918	3,015	602	Q
5 to 9 .....	559	7,179	8,649	6,606	1,844	130	Q
10 to 19 .....	370	6,610	8,588	6,741	1,492	99	Q
20 to 49 .....	255	7,414	11,778	9,322	1,765	121	Q
50 to 99 .....	110	5,376	7,888	5,664	1,124	259	Q
100 to 249 .....	79	6,690	10,790	7,675	1,472	126	Q
250 or More .....	38	9,963	20,456	15,085	2,377	207	2,787
<b>Number of Dedicated Servers</b>							
None .....	3,471	28,445	33,201	24,090	5,867	967	Q
1 to 4 .....	1,060	24,116	34,991	26,074	6,056	578	Q
5 to 9 .....	58	3,864	6,784	5,608	796	100	Q
10 to 19 .....	30	3,027	6,267	4,457	665	38	Q
20 to 49 .....	17	2,583	4,740	3,685	518	52	Q
50 or More .....	10	2,748	6,594	5,118	623	40	Q

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**Table C2. Total Energy Expenditures by Major Fuel for Non-Mall Buildings, 2003**

	All Buildings*		Total Energy Expenditures (million dollars)				
	Number of Buildings (thousand)	Floorspace (million square feet)	Sum of Major Fuels	Electricity	Natural Gas	Fuel Oil	District Heat
All Buildings* .....	4,645	64,783	92,577	69,032	14,525	1,776	7,245
<b>Number of Photocopiers</b>							
None .....	2,706	18,526	22,498	16,622	3,983	578	Q
One .....	1,250	15,475	18,436	14,098	3,295	428	Q
2 to 4 .....	549	15,082	20,980	15,555	3,518	315	Q
5 to 9 .....	85	5,515	9,441	7,138	1,290	268	Q
10 or More .....	54	10,185	21,223	15,618	2,439	187	2,979
<b>Energy-Related Space Functions (more than one may apply)</b>							
Commercial Food Preparation .....	799	22,223	40,252	29,771	7,156	929	2,396
Activities with Large Amounts of Hot Water .....	567	19,482	34,904	24,710	6,466	724	3,003
Separate Computer Area .....	553	26,873	44,552	33,308	6,230	732	4,282
<b>HVAC Conservation Features (more than one may apply)</b>							
Variable Air-Volume System .....	466	19,597	36,254	26,726	5,070	273	4,184
Economizer Cycle .....	508	21,108	39,593	29,663	5,703	331	3,896
HVAC Maintenance .....	2,581	51,163	81,328	60,420	12,356	1,565	6,987
Energy Management and Control System (EMCS) .....	252	15,630	27,646	20,451	3,318	241	3,636
<b>Window and Interior Lighting Features (more than one may apply)</b>							
Multipaned Windows .....	2,201	38,910	59,356	43,784	10,027	1,331	4,214
Tinted Window Glass .....	1,323	29,887	49,568	37,166	6,978	359	5,064
Reflective Window Glass .....	308	8,544	14,414	11,302	2,145	132	835
External Overhangs or Awnings .....	1,233	17,242	28,248	21,798	4,583	463	1,404
Skylights or Atriums .....	331	12,546	19,284	14,007	3,210	369	1,697
Daylighting Sensors .....	74	2,868	6,261	4,847	917	26	Q
Specular Reflectors .....	928	26,118	43,466	32,092	6,179	684	4,511
Electronic Ballasts .....	2,577	46,882	74,873	55,837	11,181	1,236	6,619
Energy Management and Control System (EMCS) For Lighting .....	60	4,781	8,967	6,922	906	47	Q
<b>Equipment Usage Reduced When Building Not In Full Use (more than one may apply)<sup>a</sup></b>							
Heating .....	2,878	42,722	60,293	45,100	9,840	1,305	4,048
Cooling .....	2,761	43,205	62,872	47,552	9,785	1,074	4,461
Lighting .....	3,685	46,987	62,313	46,811	9,710	1,257	4,534
Office Equipment .....	1,504	19,397	23,915	17,466	3,666	714	Q

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**Table C2. Total Energy Expenditures by Major Fuel for Non-Mall Buildings, 2003**

	All Buildings*		Total Energy Expenditures (million dollars)				
	Number of Buildings (thousand)	Floorspace (million square feet)	Sum of Major Fuels	Electricity	Natural Gas	Fuel Oil	District Heat
All Buildings* .....	4,645	64,783	92,577	69,032	14,525	1,776	7,245

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 that use the particular energy source.

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.