

**Table C4. Expenditures for Sum of Major Fuels for Non-Mall Buildings, 2003**

	All Buildings*			Sum of Major Fuel Expenditures			
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (million dollars)	per Building (thousand dollars)	per Square Foot (dollars)	per Million Btu (dollars)
<b>All Buildings*</b> .....	4,645	64,783	13.9	92,577	19.9	1.43	15.91
<b>Building Floorspace (Square Feet)</b>							
1,001 to 5,000 .....	2,552	6,789	2.7	12,812	5.0	1.89	19.08
5,001 to 10,000 .....	889	6,585	7.4	9,398	10.6	1.43	18.22
10,001 to 25,000 .....	738	11,535	15.6	13,140	17.8	1.14	16.93
25,001 to 50,000 .....	241	8,668	35.9	10,392	43.1	1.20	15.44
50,001 to 100,000 .....	129	9,057	70.4	11,897	92.5	1.31	15.68
100,001 to 200,000 .....	65	9,064	138.8	13,391	205.1	1.48	14.34
200,001 to 500,000 .....	25	7,176	289.0	10,347	416.7	1.44	14.28
Over 500,000 .....	7	5,908	896.1	11,201	1698.8	1.90	14.62
<b>Principal Building Activity</b>							
Education .....	386	9,874	25.6	12,008	31.1	1.22	14.64
Food Sales .....	226	1,255	5.6	4,990	22.1	3.98	19.91
Food Service .....	297	1,654	5.6	6,865	23.1	4.15	16.07
Health Care .....	129	3,163	24.6	7,440	57.8	2.35	12.53
Inpatient .....	8	1,905	241.4	5,329	675.4	2.80	11.23
Outpatient .....	121	1,258	10.4	2,111	17.5	1.68	17.74
Lodging .....	142	5,096	35.8	7,445	52.3	1.46	14.61
Retail (Other Than Mall).....	443	4,317	9.7	5,980	13.5	1.39	18.75
Office .....	824	12,208	14.8	20,841	25.3	1.71	18.39
Public Assembly .....	277	3,939	14.2	5,790	20.9	1.47	15.65
Public Order and Safety .....	71	1,090	15.5	1,917	27.2	1.76	15.18
Religious Worship .....	370	3,754	10.1	2,457	6.6	0.65	15.06
Service .....	622	4,050	6.5	4,779	7.7	1.18	15.33
Warehouse and Storage .....	597	10,078	16.9	6,894	11.5	0.68	15.12
Other .....	79	1,738	21.9	4,420	55.7	2.54	15.47
Vacant .....	182	2,567	14.1	751	4.1	0.29	14.02
<b>Year Constructed</b>							
Before 1920 .....	330	3,769	11.4	4,131	12.5	1.10	13.66
1920 to 1945 .....	527	6,871	13.0	8,670	16.4	1.26	13.98
1946 to 1959 .....	562	7,045	12.5	8,540	15.2	1.21	15.10
1960 to 1969 .....	579	8,101	14.0	11,378	19.7	1.40	15.44
1970 to 1979 .....	731	10,772	14.7	16,129	22.1	1.50	15.77
1980 to 1989 .....	707	10,332	14.6	17,346	24.5	1.68	16.78
1990 to 1999 .....	876	12,360	14.1	18,761	21.4	1.52	17.09
2000 to 2003 .....	334	5,533	16.6	7,623	22.8	1.38	17.28
<b>Census Region and Division</b>							
Northeast .....	726	12,905	17.8	21,344	29.4	1.65	16.79
New England .....	233	2,964	12.7	4,851	20.9	1.64	16.53
Middle Atlantic .....	493	9,941	20.1	16,493	33.4	1.66	16.87
Midwest .....	1,266	17,080	13.5	21,521	17.0	1.26	12.74
East North Central .....	696	11,595	16.7	15,908	22.9	1.37	12.69
West North Central .....	571	5,485	9.6	5,613	9.8	1.02	12.87
South .....	1,775	23,489	13.2	31,595	17.8	1.35	16.22
South Atlantic .....	874	12,258	14.0	17,563	20.1	1.43	16.51
East South Central .....	348	3,393	9.8	4,569	13.1	1.35	14.78
West South Central .....	553	7,837	14.2	9,463	17.1	1.21	16.45
West .....	878	11,310	12.9	18,118	20.6	1.60	19.88
Mountain .....	299	3,675	12.3	5,629	18.9	1.53	14.76
Pacific .....	580	7,635	13.2	12,488	21.5	1.64	23.58

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	All Buildings*			Sum of Major Fuel Expenditures			
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (million dollars)	per Building (thousand dollars)	per Square Foot (dollars)	per Million Btu (dollars)
<b>All Buildings*</b> .....	4,645	64,783	13.9	92,577	19.9	1.43	15.91
<b>Climate Zone: 30-Year Average</b>							
Under 2,000 CDD and --							
More than 7,000 HDD .....	855	10,622	12.4	13,709	16.0	1.29	13.85
5,500-7,000 HDD .....	1,173	17,335	14.8	24,455	20.9	1.41	13.89
4,000-5,499 HDD .....	673	11,504	17.1	18,507	27.5	1.61	16.33
Fewer than 4,000 HDD .....	1,276	15,739	12.3	22,372	17.5	1.42	18.45
2,000 CDD or More and --							
Fewer than 4,000 HDD .....	669	9,584	14.3	13,534	20.2	1.41	18.70
<b>Number of Floors</b>							
One .....	3,136	25,981	8.3	33,617	10.7	1.29	17.35
Two .....	1,031	16,270	15.8	20,932	20.3	1.29	15.97
Three .....	339	7,501	22.1	9,143	26.9	1.22	14.76
Four to Nine .....	128	10,085	78.7	18,968	148.0	1.88	14.20
Ten or More .....	12	4,947	420.0	9,917	842.1	2.00	16.08
<b>Elevators and Escalators (more than one may apply)</b>							
Any Elevators .....	309	24,617	79.7	42,252	136.8	1.72	14.95
Number of Elevators							
One .....	208	8,221	39.5	10,967	52.7	1.33	14.99
Two to Five .....	88	10,129	115.1	17,217	195.7	1.70	14.88
Six or More .....	13	6,268	491.5	14,068	1103.1	2.24	15.02
Any Escalators .....	6	2,350	388.7	4,861	804.2	2.07	17.24
<b>Number of Workers (main shift)</b>							
Fewer than 5 .....	2,653	15,492	5.8	13,615	5.1	0.88	16.66
5 to 9 .....	778	6,166	7.9	8,265	10.6	1.34	17.64
10 to 19 .....	563	7,803	13.9	9,936	17.7	1.27	16.72
20 to 49 .....	398	10,989	27.6	16,406	41.2	1.49	15.62
50 to 99 .....	147	7,934	53.8	11,165	75.7	1.41	15.34
100 to 249 .....	77	6,871	89.7	12,970	169.3	1.89	15.48
250 or More .....	30	9,528	320.4	20,222	680.0	2.12	15.26
<b>Weekly Operating Hours</b>							
Fewer than 40 .....	1,002	6,863	6.9	3,695	3.7	0.54	16.24
40 to 48 .....	1,117	11,622	10.4	12,749	11.4	1.10	16.49
49 to 60 .....	1,062	15,723	14.8	19,461	18.3	1.24	16.50
61 to 84 .....	591	10,334	17.5	15,040	25.4	1.46	16.28
85 to 167 .....	400	7,092	17.7	14,287	35.8	2.01	16.06
Open Continuously .....	475	13,149	27.7	27,346	57.6	2.08	14.97
<b>Ownership and Occupancy</b>							
Nongovernment Owned .....	4,011	49,421	12.3	69,675	17.4	1.41	16.58
Owner Occupied .....							
Owner Occupied .....	1,841	23,591	12.8	33,551	18.2	1.42	16.29
Nonowner Occupied .....	2,029	23,914	11.8	35,713	17.6	1.49	16.89
Unoccupied .....							
Unoccupied .....	141	1,916	13.6	411	2.9	0.21	Q
Government Owned .....	635	15,363	24.2	22,902	36.1	1.49	14.16
Federal .....							
Federal .....	46	1,956	42.9	3,964	86.8	2.03	13.08
State .....	164	3,808	23.2	7,090	43.2	1.86	13.81
Local .....	425	9,599	22.6	11,849	27.9	1.23	14.80
<b>Vacancy Status</b>							
Completely Vacant .....	157	2,161	13.8	516	3.3	0.24	13.88
Mostly Vacant .....	25	406	16.1	Q	Q	Q	Q
Partially Vacant .....	548	12,382	22.6	17,624	32.2	1.42	16.23
Not At All Vacant .....	3,915	49,834	12.7	74,203	19.0	1.49	15.85

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	All Buildings*			Sum of Major Fuel Expenditures			
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (million dollars)	per Building (thousand dollars)	per Square Foot (dollars)	per Million Btu (dollars)
<b>All Buildings*</b> .....	4,645	64,783	13.9	92,577	19.9	1.43	15.91
<b>Number of Establishments</b>							
One .....	3,754	45,144	12.0	65,153	17.4	1.44	15.64
2 to 5 .....	643	10,960	17.1	16,030	24.9	1.46	16.15
6 to 10 .....	55	1,958	35.7	3,402	62.1	1.74	15.78
11 to 20 .....	23	1,951	85.7	2,718	119.4	1.39	17.94
More than 20 .....	14	2,609	181.1	4,759	330.4	1.82	18.53
Currently Unoccupied .....	157	2,161	13.8	516	3.3	0.24	13.88
<b>Predominant Exterior Wall Material</b>							
Brick, Stone or Stucco .....	2,044	32,817	16.1	48,399	23.7	1.47	15.19
Concrete (Block or Poured) .....	786	10,832	13.8	16,015	20.4	1.48	16.44
Concrete Panels .....	131	6,559	50.2	10,792	82.7	1.65	16.17
Siding or Shingles .....	779	4,120	5.3	5,071	6.5	1.23	18.34
Metal Panels .....	825	7,912	9.6	8,196	9.9	1.04	17.70
Window Glass .....	17	1,024	60.1	1,709	100.3	1.67	18.08
Other .....	47	1,113	23.8	1,801	38.6	1.62	14.88
No One Major Type .....	18	406	22.9	Q	Q	Q	Q
<b>Predominant Roof Material</b>							
Built-Up .....	1,036	21,170	20.4	33,145	32.0	1.57	15.91
Shingles (Not Wood) .....	1,325	10,195	7.7	13,564	10.2	1.33	16.49
Metal Surfacing .....	1,288	11,944	9.3	10,782	8.4	0.90	17.12
Synthetic or Rubber .....	511	14,730	28.8	24,825	48.6	1.69	15.05
Slate or Tile .....	263	2,462	9.4	3,794	14.4	1.54	18.30
Wooden Materials .....	122	887	7.3	1,140	9.4	1.28	16.68
Concrete .....	61	2,231	36.7	3,373	55.5	Q	14.28
Other .....	16	598	38.1	1,235	78.7	2.06	Q
No One Major Type .....	25	565	22.7	719	28.9	1.27	18.21
<b>Renovations in Buildings Constructed Before 1980 (more than one may apply)</b>							
<b>Any Type of Renovation</b>							
Since 1980 .....	1,018	17,844	17.5	25,657	25.2	1.44	14.53
Addition or Annex .....	256	6,551	25.6	9,530	37.2	1.45	13.00
Reduction In Floorspace .....	22	1,012	46.1	1,710	77.8	1.69	14.67
Cosmetic Improvements .....	741	13,119	17.7	19,621	26.5	1.50	14.90
Wall or Roof Replacement .....	370	8,070	21.8	11,653	31.5	1.44	14.99
<b>Interior Wall</b>							
Re-Configuration .....	411	8,518	20.7	13,131	32.0	1.54	14.41
HVAC Equipment Upgrade .....	442	10,768	24.4	16,899	38.3	1.57	14.61
Lighting Upgrade .....	455	10,275	22.6	15,732	34.6	1.53	14.50
Window Replacement .....	310	6,354	20.5	9,102	29.3	1.43	14.85
Plumbing System Upgrade .....	315	7,144	22.7	10,965	34.8	1.53	14.66
Insulation Upgrade .....	227	4,015	17.7	5,868	25.8	1.46	15.41
Other Renovation .....	19	523	27.3	791	41.3	1.51	15.96
No Renovations Since 1980 .....	1,710	18,714	10.9	23,191	13.6	1.24	15.65
Building Newer than 1980 .....	1,917	28,225	14.7	43,729	22.8	1.55	17.00

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<b>All Buildings*</b> .....	4,645	64,783	13.9	92,577	19.9	1.43	15.91
<b>Energy Sources (more than one may apply)</b>							
Electricity .....	4,404	63,307	14.4	92,574	21.0	1.46	15.91
Natural Gas .....	2,391	43,468	18.2	67,462	28.2	1.55	15.02
Fuel Oil .....	451	15,157	33.6	25,905	57.5	1.71	14.72
District Heat .....	67	5,443	81.4	14,098	210.7	2.59	13.86
District Chilled Water .....	33	2,853	86.7	7,647	232.3	2.68	14.20
Propane .....	502	7,076	14.1	9,424	18.8	1.33	16.12
Other .....	132	1,401	10.6	2,032	15.4	1.45	14.63
<b>Space-Heating Energy Sources (more than one may apply)</b>							
Electricity .....	1,766	28,600	16.2	41,737	23.6	1.46	17.59
Natural Gas .....	2,165	36,959	17.1	54,959	25.4	1.49	14.93
Fuel Oil .....	360	5,988	16.6	7,485	20.8	1.25	12.67
District Heat .....	65	5,198	79.7	13,623	208.9	2.62	13.71
Propane .....	372	3,204	8.6	3,303	8.9	1.03	20.65
Other .....	113	842	7.4	956	8.5	1.14	15.65
<b>Primary Space-Heating Energy Source</b>							
Electricity .....	1,258	15,996	12.7	22,011	17.5	1.38	20.22
Natural Gas .....	1,999	32,970	16.5	48,198	24.1	1.46	14.69
Fuel Oil .....	282	3,818	13.5	3,963	14.1	1.04	13.47
District Heat .....	63	4,907	77.4	13,178	208.0	2.69	13.86
Propane .....	308	1,955	6.4	1,928	6.3	0.99	26.96
Other .....	72	382	5.3	338	4.7	0.88	17.47
<b>Cooling Energy Sources (more than one may apply)</b>							
Electricity .....	3,589	54,321	15.1	81,478	22.7	1.50	16.23
Natural Gas .....	17	1,018	58.9	2,005	116.0	1.97	12.60
District Chilled Water .....	33	2,853	86.7	7,647	232.3	2.68	14.20
<b>Water-Heating Energy Sources (more than one may apply)</b>							
Electricity .....	1,910	27,490	14.4	36,908	19.3	1.34	17.21
Natural Gas .....	1,445	28,820	19.9	47,610	32.9	1.65	14.85
Fuel Oil .....	94	1,880	19.9	2,700	28.6	1.44	13.10
District Heat .....	27	3,088	113.1	8,155	298.6	2.64	14.49
Propane .....	128	1,422	11.1	1,871	14.6	1.32	23.21
<b>Cooking Energy Sources (more than one may apply)</b>							
Electricity .....	410	13,161	32.1	23,623	57.6	1.79	14.96
Natural Gas .....	457	15,438	33.8	29,444	64.5	1.91	14.20
Propane .....	108	1,460	13.6	2,508	23.3	1.72	21.92
<b>Energy End Uses (more than one may apply)</b>							
Buildings with Space Heating .....	3,982	60,028	15.1	89,615	22.5	1.49	15.71
Buildings with Cooling .....	3,625	56,940	15.7	87,739	24.2	1.54	16.06
Buildings with Water Heating .....	3,472	56,478	16.3	87,218	25.1	1.54	15.86
Buildings with Cooking .....	801	22,237	27.8	40,266	50.3	1.81	14.84
Buildings with Manufacturing .....	119	3,138	26.5	3,950	33.3	1.26	15.53
Buildings with Electricity Generation .....	149	12,821	85.9	25,422	170.4	1.98	15.02

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<b>All Buildings*</b> .....	4,645	64,783	13.9	92,577	19.9	1.43	15.91
<b>Percent of Floorspace Heated</b>							
Not Heated .....	663	4,756	7.2	2,962	4.5	0.62	25.77
1 to 50 .....	523	6,850	13.1	5,600	10.7	0.82	18.76
51 to 99 .....	498	8,107	16.3	11,972	24.1	1.48	16.04
100 .....	2,962	45,071	15.2	72,043	24.3	1.60	15.46
<b>Percent of Floorspace Cooled</b>							
Not Cooled .....	1,020	7,843	7.7	4,838	4.7	0.62	13.59
1 to 50 .....	985	16,598	16.8	15,503	15.7	0.93	15.11
51 to 99 .....	629	13,211	21.0	22,446	35.7	1.70	15.89
100 .....	2,011	27,132	13.5	49,791	24.8	1.84	16.46
<b>Percent Lit When Open</b>							
Zero .....	47	293	6.3	Q	Q	Q	Q
1 to 50 .....	929	10,203	11.0	8,599	9.3	0.84	15.92
51 to 99 .....	1,108	18,288	16.5	28,253	25.5	1.54	16.28
100 .....	2,176	32,789	15.1	54,958	25.3	1.68	15.75
Building Never Open/ Electricity Not Used .....	386	3,210	8.3	635	1.6	0.20	13.75
<b>Percent Lit When Closed</b>							
Zero .....	1,964	17,385	8.9	18,308	9.3	1.05	16.17
1 to 50 .....	1,882	30,948	16.4	43,011	22.9	1.39	16.38
51 to 100 .....	136	2,093	15.4	3,910	28.7	1.87	16.63
Building Never Closed/ Electricity Not Used .....	664	14,357	21.6	27,349	41.2	1.90	14.97
<b>Heating Equipment (more than one may apply)</b>							
Heat Pumps .....	476	8,814	18.5	14,249	30.0	1.62	17.71
Packaged Heat Pumps .....	278	5,442	19.6	9,330	33.6	1.71	17.85
Split-System Heat Pumps .....	166	2,581	15.5	3,696	22.2	1.43	18.65
Individual Room Heat Pumps .....	58	2,691	46.5	4,199	72.6	1.56	16.48
Furnaces .....	1,864	19,615	10.5	23,489	12.6	1.20	15.73
Individual Space Heaters .....	819	12,545	15.3	15,964	19.5	1.27	15.59
District Heat .....	65	5,166	79.7	13,505	208.3	2.61	13.70
Boilers .....	579	20,423	35.3	31,052	53.6	1.52	13.84
Packaged Heating Units .....	953	18,021	18.9	29,902	31.4	1.66	17.30
Other .....	205	3,262	15.9	3,988	19.5	1.22	17.29
<b>Cooling Equipment (more than one may apply)</b>							
Residential-Type Central							
Air Conditioners .....	1,006	11,035	11.0	14,441	14.4	1.31	15.63
Heat Pumps .....	492	9,041	18.4	14,738	29.9	1.63	17.61
Packaged Heat Pumps .....	288	5,426	18.9	9,356	32.5	1.72	17.70
Split-System Heat Pumps .....	174	2,606	15.0	3,776	21.7	1.45	18.48
Individual Room Heat Pumps .....	58	2,940	50.7	4,621	79.7	1.57	16.64
Individual Air Conditioners .....	742	12,558	16.9	16,175	21.8	1.29	14.98
District Chilled Water .....	33	2,853	86.7	7,647	232.3	2.68	14.20
Central Chillers .....	111	11,636	105.1	22,448	202.7	1.93	14.66
Packaged Air Conditioning							
Units .....	1,613	29,969	18.6	46,331	28.7	1.55	16.19
Swamp Coolers .....	122	1,561	12.8	2,350	19.3	1.51	14.89
Other .....	40	1,232	31.1	2,096	53.0	1.70	14.79

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<b>All Buildings*</b> .....	4,645	64,783	13.9	92,577	19.9	1.43	15.91
<b>Main Equipment Replaced Since 1990 (more than one may apply)</b>							
Heating .....	1,197	16,403	13.7	21,542	18.0	1.31	15.75
Cooling .....	1,356	20,995	15.5	30,387	22.4	1.45	15.59
<b>Water Heating Equipment</b>							
Centralized System .....	2,513	34,671	13.8	54,768	21.8	1.58	15.96
Distributed System .....	785	11,540	14.7	14,394	18.3	1.25	17.23
Combination of Centralized and Distributed System .....	175	10,267	58.8	18,056	103.4	1.76	14.67
<b>Lighting Equipment Types (more than one may apply)</b>							
Incandescent .....	2,184	38,528	17.6	60,359	27.6	1.57	15.41
Standard Fluorescent .....	3,943	59,688	15.1	89,627	22.7	1.50	15.88
Compact Fluorescent .....	941	27,571	29.3	49,570	52.7	1.80	15.45
High Intensity Discharge .....	455	20,643	45.4	31,999	70.3	1.55	14.94
Halogen .....	565	17,703	31.3	30,218	53.4	1.71	15.25
Other .....	8	269	31.7	Q	Q	Q	Q
<b>Refrigeration Equipment (more than one may apply)<sup>a</sup></b>							
Any Refrigeration.....	3,176	52,974	16.7	82,557	26.0	1.56	15.84
Commercial Refrigeration .....	1,007	26,768	26.6	50,937	50.6	1.90	15.27
Walk-In Units .....	666	20,254	30.4	41,811	62.8	2.06	15.12
Cases or Cabinets .....	825	20,424	24.8	41,463	50.3	2.03	15.34
Residential-Type Units .....	2,370	38,884	16.4	54,108	22.8	1.39	15.61
Vending Machines .....	996	35,335	35.5	56,290	56.5	1.59	15.13
No Refrigeration .....	1,469	11,809	8.0	10,020	6.8	0.85	16.50
<b>Office Equipment (more than one may apply)</b>							
Computers .....	3,081	55,627	18.1	85,407	27.7	1.54	15.89
With Flat Screen Monitors .....	877	26,417	30.1	46,704	53.3	1.77	15.75
Dedicated Servers .....	1,175	36,338	30.9	59,377	50.6	1.63	15.79
Laser Printers .....	1,970	33,012	16.8	47,880	24.3	1.45	15.91
Inkjet Printers .....	1,420	32,210	22.7	52,520	37.0	1.63	15.90
FAX Machines .....	2,715	52,373	19.3	80,902	29.8	1.54	15.89
Photocopiers .....	1,939	46,257	23.9	70,079	36.1	1.52	15.69
<b>Number of Computers</b>							
None .....	1,565	9,156	5.9	7,170	4.6	0.78	16.13
1 to 4 .....	1,670	12,395	7.4	17,257	10.3	1.39	17.00
5 to 9 .....	559	7,179	12.8	8,649	15.5	1.20	15.85
10 to 19 .....	370	6,610	17.9	8,588	23.2	1.30	16.68
20 to 49 .....	255	7,414	29.1	11,778	46.3	1.59	16.66
50 to 99 .....	110	5,376	48.9	7,888	71.7	1.47	15.39
100 to 249 .....	79	6,690	84.3	10,790	135.9	1.61	15.12
250 or More .....	38	9,963	264.3	20,456	542.6	2.05	14.97
<b>Number of Dedicated Servers</b>							
None .....	3,471	28,445	8.2	33,201	9.6	1.17	16.12
1 to 4 .....	1,060	24,116	22.8	34,991	33.0	1.45	15.66
5 to 9 .....	58	3,864	67.0	6,784	117.6	1.76	16.74
10 to 19 .....	30	3,027	100.1	6,267	207.2	2.07	14.50
20 to 49 .....	17	2,583	150.0	4,740	275.2	1.84	15.44
50 or More .....	10	2,748	276.6	6,594	663.9	2.40	17.26

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**Table C4. Expenditures for Sum of Major Fuels for Non-Mall Buildings, 2003**

	All Buildings*			Sum of Major Fuel Expenditures			
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (million dollars)	per Building (thousand dollars)	per Square Foot (dollars)	per Million Btu (dollars)
<b>All Buildings*</b> .....	4,645	64,783	13.9	92,577	19.9	1.43	15.91
<b>Number of Photocopiers</b>							
None .....	2,706	18,526	6.8	22,498	8.3	1.21	16.61
One .....	1,250	15,475	12.4	18,436	14.7	1.19	16.32
2 to 4 .....	549	15,082	27.5	20,980	38.2	1.39	15.72
5 to 9 .....	85	5,515	64.7	9,441	110.7	1.71	15.43
10 or More .....	54	10,185	187.2	21,223	390.1	2.08	15.27
<b>Energy-Related Space Functions (more than one may apply)</b>							
Commercial Food Preparation .....	799	22,223	27.8	40,252	50.4	1.81	14.85
Activities with Large Amounts of Hot Water .....	567	19,482	34.4	34,904	61.6	1.79	14.16
Separate Computer Area .....	553	26,873	48.6	44,552	80.6	1.66	15.39
<b>HVAC Conservation Features (more than one may apply)</b>							
Variable Air-Volume System .....	466	19,597	42.1	36,254	77.9	1.85	15.23
Economizer Cycle .....	508	21,108	41.5	39,593	77.9	1.88	15.29
HVAC Maintenance .....	2,581	51,163	19.8	81,328	31.5	1.59	15.73
Energy Management and Control System (EMCS) .....	252	15,630	62.0	27,646	109.6	1.77	15.51
<b>Window and Interior Lighting Features (more than one may apply)</b>							
Multipaned Windows .....	2,201	38,910	17.7	59,356	27.0	1.53	15.11
Tinted Window Glass .....	1,323	29,887	22.6	49,568	37.5	1.66	16.00
Reflective Window Glass .....	308	8,544	27.8	14,414	46.8	1.69	15.55
External Overhangs or Awnings .....	1,233	17,242	14.0	28,248	22.9	1.64	16.27
Skylights or Atriums .....	331	12,546	37.9	19,284	58.3	1.54	14.76
Daylighting Sensors .....	74	2,868	38.7	6,261	84.5	2.18	16.62
Specular Reflectors .....	928	26,118	28.2	43,466	46.9	1.66	15.37
Electronic Ballasts .....	2,577	46,882	18.2	74,873	29.1	1.60	15.78
Energy Management and Control System (EMCS) For Lighting .....	60	4,781	80.1	8,967	150.3	1.88	16.65
<b>Equipment Usage Reduced When Building Not In Full Use (more than one may apply)<sup>a</sup></b>							
Heating .....	2,878	42,722	14.8	60,293	20.9	1.41	16.12
Cooling .....	2,761	43,205	15.6	62,872	22.8	1.46	16.36
Lighting .....	3,685	46,987	12.7	62,313	16.9	1.33	16.32
Office Equipment .....	1,504	19,397	12.9	23,915	15.9	1.23	16.32

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**Table C4. Expenditures for Sum of Major Fuels for Non-Mall Buildings, 2003**

	All Buildings*			Sum of Major Fuel Expenditures			
	Number of Buildings (thousand)	Floorspace (million square feet)	Floorspace per Building (thousand square feet)	Total (million dollars)	per Building (thousand dollars)	per Square Foot (dollars)	per Million Btu (dollars)
<b>All Buildings*</b> .....	4,645	64,783	13.9	92,577	19.9	1.43	15.91

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/cbeecs>.

\* 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.