

**Table C19. Electricity Consumption and Conditional Energy Intensity by Census Division for Non-Mall Buildings, 2003: Part 3**

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/square foot)		
	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific
All Buildings* .....	114	56	96	7,449	3,633	7,397	15.3	15.4	13.0
<b>Building Floorspace (Square Feet)</b>									
1,001 to 5,000 .....	17	7	12	696	437	857	24.1	15.7	14.0
5,001 to 10,000 .....	11	5	14	787	404	810	13.4	12.0	16.9
10,001 to 25,000 .....	11	10	13	1,267	831	1,232	8.9	11.7	10.3
25,001 to 50,000 .....	12	7	12	897	511	1,088	13.6	13.2	11.0
50,001 to 100,000 .....	16	5	12	1,314	374	922	12.1	12.7	13.3
100,001 to 200,000 .....	20	Q	13	1,096	Q	895	18.2	Q	14.5
200,001 to 500,000 .....	12	5	11	659	Q	827	18.4	14.3	13.5
Over 500,000 .....	Q	Q	9	Q	Q	766	Q	Q	12.4
<b>Principal Building Activity</b>									
Education .....	15	6	11	1,198	640	1,027	12.8	9.4	10.7
Food Sales .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service .....	Q	Q	7	Q	Q	232	Q	Q	31.8
Health Care .....	8	6	6	309	230	323	27.5	25.8	20.1
Inpatient .....	7	Q	Q	235	Q	Q	29.7	Q	Q
Outpatient .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Lodging .....	Q	Q	8	Q	438	649	Q	Q	11.9
Retail (Other Than Mall).....	9	Q	10	594	Q	753	15.8	Q	13.4
Office .....	27	10	26	1,343	629	1,796	19.9	16.3	14.6
Public Assembly .....	Q	Q	Q	Q	Q	464	Q	Q	Q
Public Order and Safety .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	4	Q	Q	467	Q	Q	8.1	Q	Q
Service .....	Q	Q	3	Q	Q	319	Q	Q	8.0
Warehouse and Storage .....	7	Q	6	1,581	Q	1,000	4.3	Q	5.9
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Year Constructed</b>									
Before 1920 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
1920 to 1945 .....	Q	Q	7	Q	Q	783	Q	Q	9.1
1946 to 1959 .....	4	3	9	455	255	750	9.3	13.4	11.3
1960 to 1969 .....	8	7	10	675	592	1,000	12.5	12.4	10.2
1970 to 1979 .....	22	15	16	1,307	924	1,156	16.5	16.7	13.7
1980 to 1989 .....	34	13	22	1,840	688	1,541	18.4	19.4	14.6
1990 to 1999 .....	28	11	24	1,792	612	1,367	15.6	17.2	17.4
2000 to 2003 .....	13	4	7	907	292	638	14.2	12.7	11.0
<b>Climate Zone: 30-Year Average</b>									
Under 2,000 CDD and --									
More than 7,000 HDD .....	N	27	Q	N	2,081	Q	N	13.1	14.7
5,500-7,000 HDD .....	N	16	Q	N	1,075	Q	N	14.8	15.1
4,000-5,499 HDD .....	Q	N	Q	Q	N	693	Q	N	14.0
Fewer than 4,000 HDD .....	27	N	63	1,891	N	5,187	14.3	N	12.1
2,000 CDD or More and --									
Fewer than 4,000 HDD .....	82	13	Q	5,153	476	Q	16.0	26.8	Q
<b>Number of Floors</b>									
One .....	54	23	37	4,026	1,830	3,020	13.4	12.4	12.4
Two .....	17	14	26	1,330	990	1,969	12.9	14.5	13.2
Three .....	7	Q	9	453	Q	715	14.4	Q	12.3
Four to Nine .....	17	7	14	736	338	990	23.5	20.5	14.4
Ten or More .....	19	Q	10	904	Q	Q	21.6	Q	14.1

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**Table C19. Electricity Consumption and Conditional Energy Intensity by Census Division for Non-Mall Buildings, 2003: Part 3**

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/square foot)		
	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific
All Buildings* .....	114	56	96	7,449	3,633	7,397	15.3	15.4	13.0
<b>Elevators and Escalators (more than one may apply)</b>									
Any Elevators .....	49	23	40	2,407	1,069	2,772	20.4	22.0	14.4
Number of Elevators									
One .....	7	5	7	623	414	649	11.8	13.1	11.0
Two to Five .....	19	5	17	808	275	1,085	24.0	19.6	15.9
Six or More .....	22	Q	15	975	Q	1,039	22.8	Q	14.9
Any Escalators .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Number of Workers (main shift)</b>									
Fewer than 5 .....	12	7	12	1,658	724	1,512	7.1	9.8	7.6
5 to 9 .....	11	4	8	835	345	678	13.0	11.2	12.2
10 to 19 .....	13	5	8	999	428	681	13.3	12.2	12.2
20 to 49 .....	24	10	17	1,408	645	1,264	16.7	14.7	13.5
50 to 99 .....	14	7	12	840	558	812	17.2	11.9	14.7
100 to 249 .....	10	6	18	451	311	1,086	22.9	19.5	16.5
250 or More .....	30	Q	21	1,259	Q	1,364	23.8	28.2	15.6
<b>Weekly Operating Hours</b>									
Fewer than 40 .....	4	1	3	656	270	623	5.4	4.4	5.4
40 to 48 .....	17	8	13	1,688	783	1,378	10.1	10.6	9.1
49 to 60 .....	22	7	22	1,872	712	1,744	12.0	10.2	12.5
61 to 84 .....	20	9	16	1,227	592	1,352	16.5	14.5	11.7
85 to 167 .....	22	Q	15	829	Q	901	26.8	Q	16.8
Open Continuously .....	29	24	28	1,177	931	1,401	24.4	26.0	19.8
<b>Ownership and Occupancy</b>									
Nongovernment Owned .....	90	41	78	5,949	2,569	5,891	15.1	16.0	13.3
Owner Occupied .....	37	13	37	2,700	976	2,641	13.8	13.0	14.1
Nonowner Occupied .....	53	28	41	3,114	1,582	3,149	16.9	18.0	12.9
Unoccupied .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Government Owned .....	24	15	18	1,500	1,064	1,507	16.3	13.9	12.0
Federal .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
State .....	Q	Q	6	Q	Q	565	Q	Q	11.3
Local .....	14	10	11	961	681	861	14.1	14.3	12.4
<b>Vacancy Status</b>									
Completely Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Mostly Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Partially Vacant .....	29	12	16	1,623	750	1,329	17.7	15.3	12.0
Not At All Vacant .....	85	44	80	5,687	2,855	5,914	15.0	15.5	13.4
<b>Number of Establishments</b>									
One .....	76	42	66	5,186	2,767	4,912	14.7	15.0	13.5
2 to 5 .....	14	8	17	1,193	524	1,362	12.1	14.4	12.2
6 to 10 .....	Q	Q	3	Q	Q	211	Q	Q	13.3
11 to 20 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
More than 20 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Currently Unoccupied .....	Q	Q	Q	Q	Q	Q	Q	Q	Q

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	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific
All Buildings* .....	114	56	96	7,449	3,633	7,397	15.3	15.4	13.0
<b>Predominant Exterior Wall Material</b>									
Brick, Stone or Stucco .....	62	20	39	3,597	1,551	3,070	17.1	13.2	12.6
Concrete (Block or Poured) .....	17	8	18	937	450	1,315	18.4	17.7	14.0
Concrete Panels .....	17	Q	12	1,114	Q	1,204	15.6	19.6	10.1
Siding or Shingles .....	4	Q	9	281	Q	461	14.4	12.0	Q
Metal Panels .....	8	8	10	1,212	604	885	6.3	13.3	11.8
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
<b>Predominant Roof Material</b>									
Built-Up .....	40	26	34	2,346	1,421	2,959	17.1	18.1	11.6
Shingles (Not Wood) .....	11	5	15	769	475	1,011	14.3	10.1	15.2
Metal Surfacing .....	20	10	11	2,420	903	958	8.3	10.8	11.7
Synthetic or Rubber .....	30	12	19	1,194	664	1,209	25.3	18.6	16.1
Slate or Tile .....	Q	Q	6	Q	Q	552	Q	Q	11.7
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	N	Q	Q	N	Q	Q	N	Q
<b>Renovations in Buildings Constructed Before 1980 (more than one may apply)</b>									
Any Type of Renovation .....	18	17	21	1,157	1,095	1,746	15.1	15.9	12.1
Addition or Annex .....	10	9	6	529	551	428	19.0	16.8	15.0
Reduction In Floorspace .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Cosmetic Improvements .....	13	12	18	828	718	1,465	15.5	17.2	12.5
Wall or Roof Replacement .....	7	7	10	549	504	789	12.1	13.6	13.0
Interior Wall									
Re-Configuration .....	8	12	12	564	637	870	13.4	18.7	13.6
HVAC Equipment Upgrade .....	9	14	14	559	776	1,049	16.4	18.3	13.1
Lighting Upgrade .....	7	14	14	463	733	1,042	15.5	18.6	13.4
Window Replacement .....	Q	5	7	Q	332	510	Q	16.2	13.0
Plumbing System Upgrade .....	Q	10	11	Q	517	852	Q	19.4	12.5
Insulation Upgrade .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Other Renovation .....	N	Q	Q	N	Q	Q	N	Q	Q
No Renovations Since 1980 .....	22	11	22	1,752	945	2,106	12.6	11.5	10.3
Building Newer than 1980 .....	75	28	53	4,540	1,593	3,545	16.4	17.3	15.0
<b>Energy Sources (more than one may apply)</b>									
Electricity .....	114	56	96	7,449	3,633	7,397	15.3	15.4	13.0
Natural Gas .....	82	44	64	4,698	2,797	5,016	17.5	15.6	12.7
Fuel Oil .....	26	Q	27	1,141	626	1,497	22.9	26.0	18.0
District Heat .....	Q	Q	6	Q	Q	413	Q	Q	14.1
District Chilled Water .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Propane .....	Q	Q	13	Q	555	618	Q	18.8	21.3
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q

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	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific
All Buildings* .....	114	56	96	7,449	3,633	7,397	15.3	15.4	13.0
<b>Space-Heating Energy Sources</b>									
Electricity .....	70	26	47	4,300	1,389	3,526	16.2	18.5	13.5
Electricity Main .....	52	14	32	3,325	789	2,325	15.7	17.2	13.7
Electricity Secondary .....	18	Q	16	975	599	1,201	18.1	20.2	13.1
Other Excluding Electricity .....	41	27	41	2,624	2,136	3,052	15.7	12.7	13.3
Buildings without Heating .....	Q	Q	8	Q	Q	820	Q	Q	10.0
<b>Primary Space-Heating Energy Source</b>									
Electricity .....	52	14	32	3,325	789	2,325	15.7	17.2	13.7
Natural Gas .....	56	34	45	3,303	2,277	3,633	17.0	14.8	12.5
Fuel Oil .....	N	Q	Q	N	Q	Q	N	Q	Q
District Heat .....	Q	Q	5	Q	Q	362	Q	Q	13.3
Propane .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Other .....	N	Q	Q	N	Q	Q	N	Q	Q
<b>Cooling Energy Sources</b>									
Electricity .....	110	52	88	6,834	3,186	6,328	16.1	16.4	13.9
Other Excluding Electricity .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Buildings without Cooling .....	Q	2	4	Q	366	715	Q	5.6	5.9
<b>Water-Heating Energy Sources</b>									
Electricity .....	48	20	39	3,267	1,236	2,771	14.8	16.3	14.0
Other Excluding Electricity .....	60	35	52	3,074	2,187	3,655	19.4	15.9	14.3
Bldgs without Water Heating .....	6	Q	5	1,108	Q	972	5.7	Q	5.4
<b>Cooking Energy Sources</b>									
Electricity .....	38	18	20	1,623	791	1,192	23.4	23.1	16.4
Other Excluding Electricity .....	23	6	20	1,005	418	1,089	22.7	14.1	18.3
Buildings without Cooking .....	53	32	57	4,821	2,424	5,117	11.1	13.1	11.1
<b>Energy End Uses (more than one may apply)</b>									
Buildings with Space Heating .....	111	53	88	6,924	3,525	6,577	16.0	15.0	13.4
Buildings with Cooling .....	113	54	92	7,094	3,267	6,683	16.0	16.5	13.8
Buildings with Water Heating .....	108	55	91	6,341	3,422	6,426	17.0	16.0	14.2
Buildings with Cooking .....	61	24	39	2,628	1,209	2,280	23.1	20.0	17.3
Buildings with Manufacturing .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Buildings with Electricity Generation .....	30	18	26	1,297	738	1,504	23.4	24.9	17.1
<b>Percent of Floorspace Heated</b>									
Not Heated .....	Q	Q	8	Q	Q	820	Q	Q	10.0
1 to 50 .....	7	Q	12	1,379	Q	1,257	5.4	Q	9.3
51 to 99 .....	14	11	18	718	569	1,381	20.2	19.7	12.7
100 .....	89	40	59	4,828	2,721	3,940	18.5	14.7	14.9
<b>Percent of Floorspace Cooled</b>									
Not Cooled .....	Q	2	4	Q	366	715	Q	5.6	5.9
1 to 50 .....	10	10	15	2,025	918	1,738	5.0	11.2	8.7
51 to 99 .....	19	16	23	820	886	1,559	23.2	17.7	14.5
100 .....	84	28	54	4,249	1,463	3,386	19.8	19.0	16.1

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	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific
All Buildings* .....	114	56	96	7,449	3,633	7,397	15.3	15.4	13.0
<b>Percent Lit When Open</b>									
Zero .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
1 to 50 .....	11	3	9	1,371	382	1,130	8.1	6.7	8.0
51 to 99 .....	30	17	29	1,928	1,095	2,161	15.5	15.2	13.3
100 .....	73	37	58	3,933	2,136	3,947	18.5	17.1	14.7
Building Never Open/Electricity Not Used .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Percent Lit When Closed</b>									
Zero .....	18	10	19	2,239	1,118	1,994	7.9	8.9	9.6
1 to 50 .....	60	21	47	3,658	1,526	3,823	16.3	13.5	12.4
51 to 100 .....	8	Q	Q	374	Q	Q	22.0	Q	Q
Building Never Closed/Electricity Not Used .....	29	24	28	1,177	931	1,401	24.4	26.0	19.8
<b>Heating Equipment (more than one may apply)</b>									
Heat Pumps .....	12	Q	17	722	Q	1,268	16.2	Q	13.4
Packaged Heat Pumps .....	Q	Q	10	Q	Q	741	Q	Q	13.6
Split-System Heat Pumps .....	Q	Q	5	Q	Q	305	Q	Q	16.9
Individual Room Heat Pumps .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Furnaces .....	28	14	22	2,048	1,302	1,773	13.6	11.0	12.6
Individual Space Heaters .....	11	9	15	893	692	1,290	12.1	13.1	11.3
District Heat .....	Q	Q	5	Q	Q	362	Q	Q	13.3
Boilers .....	30	23	33	1,472	1,359	2,302	20.3	17.1	14.2
Packaged Heating Units .....	52	12	35	2,998	748	2,564	17.5	16.6	13.7
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Cooling Equipment (more than one may apply)</b>									
Residential-Type Central									
Air Conditioners .....	14	4	11	1,523	341	841	8.9	11.7	13.1
Heat Pumps .....	10	Q	18	595	430	1,355	17.4	30.1	13.0
Packaged Heat Pumps .....	Q	Q	10	Q	Q	742	Q	Q	13.4
Split-System Heat Pumps .....	Q	Q	6	Q	Q	322	Q	Q	17.2
Individual Room Heat Pumps .....	Q	Q	6	Q	Q	546	Q	Q	11.3
Individual Air Conditioners .....	9	11	12	806	730	1,019	11.7	15.7	11.5
District Chilled Water .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
Central Chillers .....	40	15	25	1,771	621	1,466	22.7	24.8	16.9
Packaged Air Conditioning									
Units .....	54	31	52	3,325	1,655	3,826	16.2	18.7	13.5
Swamp Coolers .....	Q	11	8	Q	874	468	Q	12.3	16.6
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Main Equipment Replaced Since 1990 (more than one may apply)</b>									
Heating .....	23	21	17	1,670	1,133	1,455	13.5	18.9	11.6
Cooling .....	33	24	23	2,245	1,356	2,018	14.6	18.0	11.5
<b>Water Heating Equipment</b>									
Centralized System .....	72	25	55	3,998	1,928	3,712	17.9	12.8	14.9
Distributed System .....	21	9	15	1,664	566	1,415	12.8	15.4	10.7
Combination of Centralized and Distributed System .....	15	21	21	679	928	1,299	22.1	23.1	15.9

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	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific
All Buildings* .....	114	56	96	7,449	3,633	7,397	15.3	15.4	13.0
<b>Lighting Equipment Types (more than one may apply)</b>									
Incandescent .....	78	41	57	4,033	2,443	3,965	19.2	16.6	14.5
Standard Fluorescent .....	111	55	93	6,955	3,534	7,066	16.0	15.4	13.2
Compact Fluorescent .....	59	32	59	2,764	1,748	4,024	21.5	18.2	14.6
High Intensity Discharge .....	27	15	35	1,470	977	2,438	18.5	15.8	14.2
Halogen .....	35	20	33	2,099	993	2,275	16.9	20.1	14.3
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Refrigeration Equipment (more than one may apply)<sup>a</sup></b>									
Any Refrigeration.....	103	51	84	6,018	3,028	5,919	17.1	16.7	14.3
Commercial Refrigeration .....	73	32	47	3,067	1,398	2,674	24.0	23.2	17.6
Walk-In Units .....	60	26	40	2,284	1,073	2,059	26.4	24.3	19.2
Cases or Cabinets .....	61	27	40	2,425	1,093	2,185	25.3	24.8	18.5
Residential-Type Units .....	66	32	55	4,285	2,232	4,410	15.4	14.3	12.5
Vending Machines .....	76	39	56	4,412	2,058	3,783	17.3	18.9	14.7
No Refrigeration .....	12	5	12	1,431	605	1,478	8.1	8.9	8.0
<b>Office Equipment (more than one may apply)</b>									
Computers .....	107	53	92	6,507	3,282	6,698	16.5	16.1	13.7
With Flat Screen Monitors .....	62	27	53	3,053	1,365	3,575	20.4	19.8	14.9
Dedicated Servers .....	74	36	65	4,204	1,959	4,335	17.5	18.2	14.9
Laser Printers .....	53	33	53	3,694	2,165	3,723	14.3	15.2	14.3
Inkjet Printers .....	72	33	57	3,840	1,901	4,108	18.8	17.2	13.8
FAX Machines .....	103	51	85	6,258	2,983	6,140	16.4	17.0	13.9
Photocopiers .....	84	46	75	5,281	2,753	5,439	16.0	16.9	13.7
<b>Number of Computers</b>									
None .....	7	3	4	942	351	699	7.7	9.0	6.3
1 to 4 .....	22	8	14	1,488	707	1,444	15.1	11.5	9.9
5 to 9 .....	9	7	10	864	450	649	10.4	16.6	14.8
10 to 19 .....	11	5	11	910	371	825	11.6	14.0	13.0
20 to 49 .....	14	8	17	780	548	1,006	18.3	14.6	17.4
50 to 99 .....	9	Q	10	490	Q	784	17.6	Q	12.9
100 to 249 .....	13	8	12	660	448	869	19.2	17.5	13.4
250 or More .....	30	Q	18	1,315	473	1,122	22.4	26.3	16.1
<b>Number of Dedicated Servers</b>									
None .....	41	20	32	3,245	1,674	3,062	12.5	12.0	10.3
1 to 4 .....	40	23	36	2,782	1,428	2,665	14.2	15.8	13.6
5 to 9 .....	Q	Q	11	Q	Q	601	Q	Q	18.3
10 to 19 .....	Q	Q	6	Q	Q	414	Q	Q	15.4
20 to 49 .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
50 or More .....	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Number of Photocopiers</b>									
None .....	30	10	22	2,169	880	1,958	13.8	10.8	11.1
One .....	21	12	21	1,833	995	1,757	11.5	11.9	11.8
2 to 4 .....	25	13	22	1,799	887	1,706	13.8	14.9	12.7
5 to 9 .....	Q	Q	12	Q	Q	634	Q	Q	18.6
10 or More .....	29	19	20	1,243	690	1,341	23.0	27.4	15.2

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**Table C19. Electricity Consumption and Conditional Energy Intensity by Census Division for Non-Mall Buildings, 2003: Part 3**

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/square foot)		
	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific
All Buildings* .....	114	56	96	7,449	3,633	7,397	15.3	15.4	13.0
<b>Energy-Related Space Functions (more than one may apply)</b>									
Commercial Food Preparation .....	61	24	39	2,628	1,209	2,269	23.1	20.0	17.3
Activities with Large Amounts of Hot Water .....	36	26	35	1,776	1,384	2,048	20.5	19.0	17.1
Separate Computer Area .....	58	30	49	3,132	1,607	3,462	18.4	18.6	14.3
<b>HVAC Conservation Features (more than one may apply)</b>									
Variable Air-Volume System .....	54	25	35	2,743	1,236	2,232	19.7	20.0	15.7
Economizer Cycle .....	45	29	44	1,988	1,383	3,069	22.6	21.1	14.2
HVAC Maintenance .....	102	50	88	5,836	3,065	6,282	17.5	16.2	14.0
Energy Management and Control System (EMCS) .....	38	18	31	1,834	857	2,170	21.0	21.4	14.5
<b>Window and Interior Lighting Features (more than one may apply)</b>									
Multipaned Windows .....	65	42	43	3,416	2,649	2,880	19.2	15.8	15.0
Tinted Window Glass .....	70	33	52	4,170	1,617	3,999	16.7	20.2	13.1
Reflective Window Glass .....	26	7	16	1,098	489	1,206	23.8	13.7	13.2
External Overhangs or Awnings .....	37	24	31	1,921	1,521	2,025	19.2	15.5	15.4
Skylights or Atriums .....	29	19	19	1,656	1,001	1,452	17.4	18.5	13.3
Daylighting Sensors .....	Q	Q	15	Q	Q	674	Q	Q	22.6
Specular Reflectors .....	50	28	45	2,533	1,307	3,396	19.7	21.2	13.2
Electronic Ballasts .....	93	48	81	5,446	2,905	5,621	17.1	16.6	14.5
Energy Management and Control System (EMCS) For Lighting .....	14	Q	16	629	Q	923	22.9	Q	17.2
<b>Equipment Usage Reduced When Building Not In Full Use (more than one may apply)<sup>a</sup></b>									
Heating .....	72	36	70	4,688	2,456	5,183	15.4	14.8	13.4
Cooling .....	80	40	72	5,241	2,449	5,380	15.3	16.1	13.3
Lighting .....	80	31	66	5,715	2,608	5,674	14.0	11.9	11.7
Office Equipment .....	23	12	24	2,255	1,030	2,260	10.2	11.7	10.7
<b>Annual Consumption (kilowatthours)</b>									
10,000 or Less .....	Q	Q	1	Q	Q	292	Q	Q	1.8
10,001 to 50,000 .....	6	3	6	1,156	564	1,201	5.0	5.4	4.9
50,001 to 100,000 .....	6	3	7	788	299	701	7.4	9.4	9.9
100,001 to 500,000 .....	27	16	25	1,788	1,146	1,858	15.3	14.2	13.4
500,001 to 1,000,000 .....	12	Q	10	923	Q	657	12.9	Q	15.2
1,000,001 to 5,000,000 .....	35	12	32	1,443	665	1,770	24.3	18.1	17.9
Over 5,000,000 .....	28	Q	16	1,123	Q	918	24.7	30.4	17.9

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**Table C19. Electricity Consumption and Conditional Energy Intensity by Census Division for Non-Mall Buildings, 2003: Part 3**

	Total Electricity Consumption (billion kWh)			Total Floorspace of Buildings Using Electricity (million square feet)			Electricity Energy Intensity (kWh/square foot)		
	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific	West South Central	Mountain	Pacific
All Buildings* .....	114	56	96	7,449	3,633	7,397	15.3	15.4	13.0
<b>Provider of Purchased Electricity (more than one may apply)</b>									
Local Utility .....	89	54	88	5,901	3,544	6,940	15.1	15.3	12.7
Some Other Provider .....	23	Q	Q	1,335	Q	Q	16.9	Q	Q

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 9.7 percent of total electricity 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 electricity.

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.