Table C20. Electricity Consumption and Conditional Energy Intensity by Climate Zone<sup>a</sup> for Non-Mall Buildings, 2003

Non-Man Buildings, 20	<del>                                      </del>										ı				
		Co	I Elect nsump Ilion kV	tion		В	uildings	loorspa Using E square	lectricit	Electricity Energy Intensity (kWh/square foot)					
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
All Buildings*	120	224	166	219	161	10,393	17,076		15,172	9,290	11.5	13.1	14.6	14.5	17.3
Building Floorspace															
(Square Feet)															
1,001 to 5,000	19	26	14	31	23	1,204	1,595	918	1,759	871	15.7	16.5	14.9	17.8	26.3
5,001 to 10,000	11	17	12	24	13	1,124	1,547	950	1,738	839	9.9	10.9	12.8	13.7	15.3
10,001 to 25,000	18	29	23	25	24	2,183	3,140	1,402	2,822		8.3	9.2	16.1	9.0	13.3
25,001 to 50,000	18	24	15	25	22	1,451	2,199	1,272	-	1,435	12.2	10.8	11.6	12.3	15.1
50,001 to 100,000	15	32	24	28	19	1,295	2,549	1,823		1,327	11.8	12.6	13.2	13.8	14.3
100,001 to 200,000	15	40	24	41	22	1,206	2,641	1,752		1,160	12.4	15.3	13.5	17.9	18.8
200,001 to 500,000	14	27	21	25	19	1,115	1,943	1,619	1,432	942	12.3	13.7	13.1	17.8	20.0
Over 500,000	Q	29	34	20	20	Q	1,463	1,639	1,098	893	12.0	19.8	20.9	17.9	22.1
Principal Building Activity	4.0	22		24	<u> </u>	4 50-	0.000	4 404	0.405	4.000	0.0	0.0	44.4	40 =	40.0
Education	13	23	16	31	27	1,537	2,800	1,401	2,435		8.2	8.0	11.1	12.7	16.0
Food Sales	12	Q	Q	Q	Q	271	Q	Q	Q	Q	43.0	Q	Q	Q	Q
Food Service	7	12	Q	20	17	227	400	Q	440	366		30.6	Q		46.3
Health Care	10	18	11	20	14	475	784	564	844	496		23.3	19.2		27.6
Inpatient	6	12 6	8	17	9	262	450	323	592	278	23.7	27.7	23.3	28.2	34.0
Outpatient	4	21		3	Q 10	213	334	240	252	Q	16.7	17.4	13.7	13.4	Q 16.7
Lodging Retail (Other Than Mall)	8	10	12 10	18 16	10 15	768 710	1,314 865	1,132 695	1,275 1,454	608 592	10.1	15.9	Q 14.0	14.0	16.7 25.9
Office	10 22	58	53	39	38	1,593	3,165	3,125	2,341	1,985		11.0 18.2	14.8 17.1	11.3 16.8	19.2
Public Assembly	8	8	6	18	9	876	818	806	906	529	9.1	9.5	17.1 Q	19.7	17.0
Public Order and Safety	Q	Q	Q	Q	Q	Q	Q	Q	Q	323 Q	Q. Q	9.5 Q	Q	13.7 Q	17.0 Q
Religious Worship	1	5	2	5	5	408	1,320	499	1,039	488	3.0	3.5	4.9	4.8	10.1
Service	10	11	Q	7		911	1,179	639	946	Q	10.6	9.6	Q.S	7.6	Q
Warehouse and Storage	11	24	11	16		1,564	2,539	1,426	2,186		7.0	9.6	7.9	7.5	5.0
Other	Q	11	Q	Q	Q	,,55 i	467	1, 1 <u>2</u> 0	2,100 Q	Q	Q	24.6	Q	Q	Q
Vacant	Q	Q	Q	Q		Q	Q	Q	Q	Q		Q	Q	Q	Q
Year Constructed															
Before 1920	6	8	Q	2	Q	1,212	1,387	731	277	Q	5.2	5.6	Q		Q
1920 to 1945	8	23	16	9	Q	1,070	2,076	1,924	1,169	Q	7.8	11.0	8.4	7.5	Q
1946 to 1959	9	22	14	17	6	1,053	2,435	1,369	1,462			9.0	10.0		11.2
1960 to 1969	16	25	20	19	16	1,405		1,504		1,001		10.8	13.1	10.5	16.4
1970 to 1979	33	44	34	34	24	2,215	2,967	1,726		1,233	14.8	14.7	19.4	14.2	19.1
1980 to 1989	13	47	31	54	38	1,003	2,339	1,664		2,097	12.8	20.0	18.8	17.9	18.3
1990 to 1999 2000 to 2003	26 8	39 17	27 17	63 20	47 23	1,750 684	2,457 1,114	1,560 898		2,661 1,298	15.1 12.2	15.8 15.4	17.2 19.1	17.3 15.1	17.6 18.1
Census Region and Division															
Northeast	23	59	65	N	N	2,365	5,366	5,077	N	N	9.8	11.0	12.8	N	N
New England	7	25	N	N	N	2,000 Q	1,993	N	N	N	7.1	12.5	N N	N	N
Middle Atlantic	Q	34	65	N	N	1,417	3,373	5,077	N	N	11.6	10.1	12.8	N	N
Midwest	62	134	19	N	N	5,488	9,655	1,558	N	N	11.4	13.9	12.4		N
East North Central	32	122	N	N	N	3,008	8,365	N	N	N	10.6	14.5	N	N	N
West North Central	31	Q	19	N	N	2,479	Q	1,558	N	N	12.4	9.6	12.4	N	Ν
South	N	N	72	156	146	N	N	4,047	9,985	8,734	N	N	17.8	15.7	16.7
South Atlantic	N	N	48	107	56	N	N	2,613		3,190	N	N	18.2	17.0	17.6
East South Central	N	N	Q	Q	Q	N	N	Q	Q	Q	N	N	19.0	12.6	19.6
West South Central	N	N	Q	27	82	N	N	Q	1,891	5,153	N	N	Q	14.3	16.0
West	34	31	Q	63	15	2,541	2,055	693	5,187	555	13.3	15.0	14.0	12.1	27.1
Mountain	27	16	N	N	13	2,081	1,075	N	N	476		14.8	N	N	26.8
Pacific	Q	Q	Q	63	Q	Q	Q	693	5,187	Q	14.7	15.1	14.0	12.1	Q

Table C20. Electricity Consumption and Conditional Energy Intensity by Climate Zone<sup>a</sup> for Non-Mall Buildings, 2003

		Co	l Electi nsump	tion		В	uildings	loorspa Using E	lectricit	Electricity Energy Intensity (kWh/square foot)					
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
All Buildings*	120	224	166	219	161	10,393	17,076	11,375	15,172	9,290	11.5	13.1	14.6	14.5	17.3
Number of Floors															
One	46	80	46	92	71	3,565	6,112	3,064	7,623	4,571	12.8	13.1	14.9	12.1	15.5
Two	33		36	50	34	3,122	4,845	2,592		2,177	10.5	10.3	13.8	15.3	15.5
Three	15	27	14	21	7	1,645	2,568	1,223	1,473	471	9.0	10.4	11.6	14.4	14.7
Ten or More	20 6	44 23	40 31	43 14	27 22	1,731 330	2,505 1,047	2,744 1,752	1,982 850	1,103 968	11.8 18.1	17.5 22.4	14.6 17.6	21.5 16.1	24.8 22.6
Elevators and Escalators							,	•							
(more than one may apply)															
Any Elevators	48	107	96	94	71	4,029	6,378	5,728	4.954	3,406	11.8	16.8	16.8	19.0	20.9
Number of Elevators	.5			•		.,0=0	-,0.0	-,. =0	.,	-,					_0.0
One	18	32	20	19	15	1,696	2,573	1,539	1,259	1,041	10.4	12.6	13.2	14.9	14.1
Two to Five	21	44	33	46	27	1,906	2,470	2,282	2,263	1,199	11.2	17.7	14.6	20.3	22.7
Six or More	9	31	42	29	29	427	1,336	1,908	1,431	1,166	20.5	23.5	22.2	20.5	25.0
Any Escalators	Q	Q	Q	Q	Q	Q	Q	788	Q	Q	Q	Q	23.3	Q	Q
Number of Workers (main shift)															
Fewer than 5	15		13	26	18	2,470	4,599	1,626		1,811	6.2	7.9	8.1	7.3	10.0
5 to 9	11	19	11	18	14	1,035	1,529	1,013	1,627	944	10.2	12.7	11.2	10.8	14.6
10 to 19	15	21	13	21	19	1,374	2,155	1,359		1,317	11.1	9.8	9.5	13.0	14.3
20 to 49	27	31	30	37	27	2,014	2,709	2,132		1,635	13.6	11.6	14.1	15.1	16.7
50 to 99	19 15	31 32	21 22	31 45	16 21	1,673 996	2,166	1,316 1,434	1,812 2,109	966 771	11.5 14.9	14.2 20.6	16.1 15.2	17.2 21.6	16.6 26.7
250 or More	17	53	56	41	46	832	1,561 2,357	2,495		1,845	20.2	22.3	22.5	20.6	25.2
Weekly Operating Hours															
Fewer than 40	3	7	3	7	6	877	2,116	592	1,539	776	3.2	3.1	5.5	4.7	8.4
40 to 48	12	34	17	30	24	1,505	3,142	1,983	3,014	1,926	8.0	10.7	8.4	9.9	12.6
49 to 60	26	48	28	39	34	3,094	4,105	2,377	3,589	2,537	8.4	11.8	11.8	10.8	13.4
61 to 84	20	32	29	39	26	1,578	2,887	1,897	2,544	1,405	12.9	11.0	15.2	15.2	18.7
85 to 167	27	36	29	36	26	1,517	1,665	1,386	1,334	1,040	17.7	21.6	21.0	26.7	24.7
Open Continuously	32	67	60	69	44	1,822	3,162	3,140	3,151	1,605	17.4	21.3	19.2	22.0	27.6
Ownership and Occupancy															
Nongovernment Owned	93	163	129	169	120	,	12,091	-	11,859		11.8	13.5	14.2		16.8
Owner Occupied	41	82	64	78	54	3,884	6,481	4,791		2,865	10.5	12.7	13.4		18.8
Nonowner Occupied	52		64	91	66	3,797	4,937	4,179		4,137	13.7	16.2	15.4		15.8
Unoccupied	Q		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Government Owned	27	61	37	50	41	2,547	4,985	2,296		2,154	10.5	12.2	16.2		19.2
FederalState	2 9	Q 10	Q 10	Q 20	Q Q	167 696	Q 709	Q 692	Q 1,247	Q Q	12.3 12.8	17.8 14.1	28.5 14.4		Q Q
Local	16	30	15	28	29	1,683	3,141	1,178		1,634	9.3	9.7	12.9	14.3	17.7
Vacancy Status															
Completely Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Mostly Vacant	Q		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q			11.5
Partially Vacant	24	45	37	27	35	2,275	3,247	2,576		1,997	10.6	14.0	14.4		17.4
Not At All Vacant	94	177	128	192	126	7,621			12,806		12.4	13.5	14.9		17.6
Number of Establishments															
One	83		111	161	103		12,392		11,322		12.0	13.6	14.5	14.2	16.9
2 to 5	26	32	28	38	22	2,257	2,774	1,887		1,582	11.7	11.6	14.9	15.9	14.1
6 to 10	5		5	Q	Q	401	540	341	Q	Q	12.7	16.5	14.7	Q	Q
11 to 20	Q		Q	7	Q	Q	Q	Q	387	Q	Q	Q	Q		Q
More than 20	Q		15	Q		Q	Q	812	Q	760	Q	Q	18.2		24.4
Currently Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q

Table C20. Electricity Consumption and Conditional Energy Intensity by Climate Zone<sup>a</sup> for Non-Mall Buildings, 2003

		Co	Il Elect nsump	tion		В	uildings	Floorspa Using E n square	lectricit	Electricity Energy Intensity (kWh/square foot)					
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
All Buildings*	120	224	166	219	161	10,393	17,076	11,375	15,172	9,290	11.5	13.1	14.6	14.5	17.3
Predominant Exterior Wall Material															
Brick, Stone or Stucco	49	127	75	116	75	4,456	9,758	6,013	8,064	4,003	11.0	13.0	12.5	14.4	18.6
Concrete (Block or Poured)	27	29	33	33	33	2,001	2,589	1,831	2,402	1,914	13.7	11.4	17.9	13.7	17.0
Concrete Panels	15	23	24	23	32	895	1,252	1,219	1,357		16.8	18.5	20.1	16.9	19.0
Siding or Shingles	10	11	4	14	Q	1,221	1,266	432	841	Q	8.5	8.8	9.2	16.9	Q
Metal Panels	15	20	17	28	7	1,552	1,444	1,233	2,169	978	9.9	13.5	13.7	13.0	7.2
Window Glass	Q		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q		Q
Other	Q		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q		Q
No One Major Type	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Predominant Roof Material Built-Up	42	72	55	73	64	3,271	5,072	3,848	5.178	3,412	12.9	14.1	14.3	14.0	18.7
Shingles (Not Wood)	16		26	35	14	1,735	3,254	1,478	2,461	943	9.5	9.5	17.4	14.1	14.3
Metal Surfacing	20		18	34	21	2,263	1,989	1,539		2,284	8.8	11.0	11.9	10.7	9.1
Synthetic or Rubber	34	79	56	49	42	2,528	5,225	2,838	2,556		13.5	15.2	19.9	19.0	27.1
Slate or Tile	2	4	5	13	7	145	478	447	952	416	13.8	8.5	10.3	13.1	17.3
Wooden Materials	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Concrete	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Other	Q		Q	Q	Q	Q	Q	Q	Q		Q	Q	Q		Q
No One Major Type	Q	Q	Q	Q	Q	Q	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	42	67	54	41	25	3,792	5,370	4,011	3,157	1,308	11.1	12.5	13.4	13.0	19.0
Addition or Annex	24		18	14	10	1,800	1,798	1,489	930	533	13.5	14.8	11.9	14.9	18.6
Reduction In Floorspace	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Cosmetic Improvements	34	50	41	31	19	2,780	3,719	3,110	2,449	944	12.3	13.6	13.3	12.8	19.6
Wall or Roof Replacement	20	27	27	17	11	1,722	2,178	2,280	1,316	560	11.5	12.4	11.7	13.2	19.0
Interior Wall															
Re-Configuration	26		27	20	11	1,983	2,300	2,282	1,388		13.1	14.8	11.9		19.9
HVAC Equipment Upgrade		43	39	28	14	2,415	3,076	2,660			12.7				19.0
Lighting Upgrade	32		33	23	12	2,492	3,124	2,353	1,707	598	13.0	13.0	13.8	13.3	19.7
Window Replacement	15 20		20 21	8	Q	1,384	2,067	1,938	650			12.4	10.5	12.2	Q
Plumbing System Upgrade Insulation Upgrade	10		14	16 8	Q Q	1,616 907	1,939 1,181	1,948 1,079	1,204 583	Q Q	12.7 10.9	13.7 12.1	10.9 13.0	13.0 13.8	Q Q
Other Renovation	Q		Q	Q	N	907 Q	1,181 Q	1,079 Q	363 Q		10.9 Q	12.1 Q	13.0 Q		N
No Renovations Since 1980	30		38	41	28	3,163	5,796	3,242		1,925	9.4	9.3	11.6		14.3
Building Newer than 1980			75	137	109	3,438	5,910	4,122	-	6,057	13.9	17.4	18.2		17.9
Energy Sources (more than															
one may apply)															
Electricity	120		166	219	161	-	17,076	-	-			13.1	14.6		17.3
Natural Gas	94	175	118	155	91	-	12,850	,	10,509	,	12.3	13.6	14.6	14.7	20.9
Fuel Oil	30		70	45	40	2,499	4,037	4,628		1,642		16.0	15.2	19.3	24.2
District Heat	11	32	23	23	Q	825	1,784	1,349	1,025	Q		17.7	17.0		Q
District Chilled Water	6		9	13	Q	350	698	514	659	633		20.2	17.8	19.2	22.7
Propane	18 7		13	26	14	1,598	2,036	1,102	-			13.8	11.8		15.4
Other	/	Q	Q	Q	Q	483	363	Q	Q	Q	13.6	12.5	Q	Q	23.3

Table C20. Electricity Consumption and Conditional Energy Intensity by Climate Zone<sup>a</sup> for Non-Mall Buildings, 2003

		Co	I Electi nsumpt Ilion kV	tion		Ві	uildings	loorspa Using E n square	lectricit	Electricity Energy Intensity (kWh/square foot)					
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
All Buildings*	120	224	166	219	161	10,393	17,076	11,375	15,172	9,290	11.5	13.1	14.6	14.5	17.3
Space-Heating Energy Sources															
Electricity	52	97	92	106	109	3,945	6,180	5,080	,	6,052	13.1	15.7	18.0	14.5	18.0
Electricity Main	23	47	40	66	91	1,375	2,603	2,210	-	5,228	16.4	18.0	17.9	14.3	17.5
Electricity Secondary	29	50	52	41	18	2,570	3,577	2,870	2,763	824	11.3	14.1	18.1	14.7	21.7
Other Excluding Electricity	67	124	74	104	38		10,525	6,154		1,938	10.9	11.8	12.0	15.7	19.5
Buildings without Heating	Q	Q	Q	9	14	Q	372	Q	1,207	1,300	Q	6.6	Q	7.5	10.9
Primary Space-Heating															
Energy Source Electricity	23	47	40	66	91	1,375	2,603	2,210	4 580	5,228	16.4	18.0	17.9	14.3	17.5
Natural Gas	76	132	90	116	45	6,513	10.640	5,617		2,228	11.6	12.4	16.0	14.6	20.3
Fuel Oil	6	7	8	Q	Q	962	1,211	0,017 Q	7,505 Q	2,220 Q	6.0	5.9	10.0 Q	Q	11.8
District Heat	10	31	21	20	Q	752	1,638	1,231	883	Q	13.0	18.7	17.3	22.9	Q
Propane	3	4	Q	Q	Q	Q	492	Q	423	Q	8.6	8.4	10.1	Q	Q
Other	Q	Q	Q	Q	N	Q	Q	Q	Q	N	Q	Q	Q	Q	N
Cooling Energy Sources															
Electricity	107	197	154	206	150	8,205	13,843	10,319	13,508	8,446	13.0	14.2	14.9	15.2	17.8
Other Excluding Electricity	Q	11	11	8	Q	Q	667	626	468	Q	Q	15.9	17.7	18.0	Q
Buildings without Cooling	7	Q	1	5	Q	1,843	2,567	430	1,195	Q	4.0	6.3	3.0	4.1	Q
Water-Heating Energy Sources	40	00		404	0.4	0.044	0.505	5 4 4 7	0.005	<b>5</b> 400	40.0	10.5	45.0	45.0	4
Electricity	43	88	77 07	104	91	3,941	6,525	5,147	,	5,192	10.8	13.5	15.0	15.6	17.5
Other Excluding Electricity	74 3	118 Q	87 2	104 11	61 9	5,533 919	8,621 1,931	5,637 591		2,675 1,423	13.4 3.2	13.7 9.1	15.5 3.1	16.0 5.4	22.8 6.5
	· ·	_	_		· ·	0.0	.,00.		.,000	.,0	0	0	0	0	0.0
Cooking Energy Sources Electricity	32	70	45	52	50	2.123	4,210	2,235	2 472	2,120	14.9	16.7	19.9	21.0	23.8
Other Excluding Electricity	17	32	39	40	27	1,179	2,160	2,501	,	1,088	14.7	14.9	Q	18.4	24.4
Buildings without Cooking	71	121	82	128	84		10,707		10,550		10.0	11.3	12.4	12.1	13.8
Energy End Uses (more than															
one may apply)															
Buildings with Space Heating	119	221	165	210			16,705								18.4
Buildings with Cooling	112	208	165	214	160		14,509				13.1	14.3	15.1	15.3	17.9
Buildings with Water Heating	117	206	164	209	152	,	15,145		,	,	12.3	13.6	15.3	15.8	19.3
Buildings with Cooking	49	102	84	91	77	3,302	6,369			3,208	14.9	16.1	17.7	19.8	24.0
Buildings with Manufacturing	9	12	11	8	Q	855	729	772	608	Q	10.2	17.0	14.1	13.3	Q
Buildings with Electricity  Generation	29	78	62	52	40	1,764	3,862	2,973	2,583	1,639	16.4	20.2	20.9	20.0	24.6
Percent of Floorspace Heated	^	^	^	0	4.4	^	270	^	1 207	1 200	_	6.0	_	7 -	10.0
Not Heated	Q 5	Q 10	Q 12	9 19	14	Q 1 111	372	Q 1,325		1,300	Q	6.6	Q 0.4	7.5	10.9
1 to 5051 to 99	5 17	10 21	12 24	18 33	10 22	1,111 1,377	1,094 1,735		2,349	1,455 932	4.4 12.1	8.9 12.0	9.4 13.8	9.6 14.1	6.9 23.1
100	97	191	129	159	115		13,876			5,602	12.1	13.7	15.8	16.3	20.6
Percent of Floorspace Cooled															
Not Cooled	7	Q	1	5	Q	1,843	2,567	430	1,195	Q	4.0	6.3	3.0	4.1	Q
1 to 50	29	35	24	32		3,133	4,642	3,422		1,906	9.2	7.5	7.0	9.2	5.7
51 to 99	33	58	55	42	29	2,327	3,568	3,297		1,215	14.1	16.4		15.2	24.2
100	51	114	86	140	120	3,089	6,300	4,227		5,822	16.4	18.2	20.3	18.2	20.6

Table C20. Electricity Consumption and Conditional Energy Intensity by Climate Zone<sup>a</sup> for Non-Mall Buildings, 2003

		Co	I Electi nsump	tion		Ві	uildings	Floorspa Using E n square	lectricit	у	Electricity Energy Intensity (kWh/square foot)					
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	
All Buildings*	120	224	166	219	161	10,393	17,076	11,375	15,172	9,290	11.5	13.1	14.6	14.5	17.3	
Percent Lit When Open																
Zero	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	
1 to 50	12	14	13	13	13	1,956	2,667	2,132	2,066	1,382	5.9	5.4	6.3	6.4	9.6	
51 to 99	40	62	54	54	52	3,666	4,929	3,133	3,804	2,756	10.8	12.7	17.2	14.1	19.0	
100	68	145	98	151	95	4,362	8,654	5,924		4,870	15.5	16.8	16.6	16.9	19.4	
Building Never Open/						.,	-,	-,	-,	.,						
Electricity Not Used	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	
Licentity Not Osea	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	9	
Percent Lit When Closed																
Zero	25	45	22	38	29	3,536	4,589	2,252	4.370	2,637	7.2	9.8	9.7	8.6	11.2	
1 to 50			74	105	75	4,772	8,916	5,541	,	4,546	11.8	11.5	13.4	14.6	16.4	
51 to 100		Q	Q		13	4,772 Q	0,510 Q	0,541 Q	478	501	Q	11.3 Q	Q	15.5	25.4	
Building Never Closed/	Q	Q	Q	,	13	Q	Q	Q	710	501	Q	Q	Q	10.0	20.7	
Electricity Not Used	32	67	60	69	44	1,822	3,162	3,140	3 151	1,605	17.4	21.3	19.2	22.0	27.6	
Liectricity Not Osed	32	01	00	03	77	1,022	3,102	3,140	3, 13 1	1,005	17.4	21.5	13.2	22.0	21.0	
Heating Equipment (more																
than one may apply)																
Heat Pumps	10	29	40	46	29	727	1,471	1,971	3 283	1,361	14.2	19.6	20.1	14.0	21.0	
Packaged Heat Pumps		20	30	26	23	433	995	1,267	1,749	997	15.0	19.8	24.0	14.7	23.0	
· ·			Q		6	433 Q	Q		1,149			19.0 Q		12.3	15.5	
Split-System Heat Pumps				14				686		419	Q		20.6			
Individual Room Heat Pumps		10	10	14	Q	Q	497	537	1,021	Q	Q	20.0	18.1	13.3	Q	
Furnaces		70	32		25	4,576	6,411	2,648	4,313	-	10.8	10.9	11.9	11.1	14.9	
Individual Space Heaters		48	45	30	12	3,014	3,582	2,524	2,569	851	10.2	13.3	17.8	11.5	14.3	
District Heat		31	21	20	Q	801	1,749	1,266	918	Q	12.9	17.9	16.9	22.3	Q	
Boilers		86	69	63	31	4,060	6,835	4,693	3,334	-	11.6	12.5	14.8	18.7	20.6	
Packaged Heating Units Other			57 Q	86 5	67 13	2,126 816	3,708 659	3,204 Q	5,619 525	3,365 750	15.3 15.6	18.2 16.1	17.7 Q	15.3 10.5	20.0 17.3	
Cooling Equipment (more																
than one may apply)																
Residential-Type Central																
Air Conditioners	22	37	27	28	19	1,971	3,078	2,207	2,056	1,723	11.2	12.2	12.2	13.7	10.8	
Heat Pumps	10	29	42	49	30	739	1,542	1,998	3,398	1,365	14.0	18.7	20.9	14.5	22.2	
Packaged Heat Pumps	. 7	19	33	24	22	453	1,033	1,337	1,679	924	14.6	18.9	24.6	14.6	23.8	
Split-System Heat Pumps		Q	Q	15	7	Q	Q	703	1,127	458	Q	Q	20.6	13.0	15.5	
Individual Room Heat Pumps		10	10	17	Q	Q	510	523	1,190	Q	Q	19.7	19.0	14.5	Q	
Individual Air Conditioners		36	26	35	20	2,321	3,633	2,786	2,565		10.2	10.0	9.2	13.8	15.6	
District Chilled Water		14	9		Q	350	698	514	659	633	17.3	20.2	17.8	19.2	22.7	
Central Chillers		57	55		51	1,604	2,658	2,473		2,205	15.1	21.3	22.2	21.6	23.1	
Packaged Air Conditioning		0.			٥.	.,50 /	_,000	_, 0	_,500	_,_00	. 5. 1				_0.1	
Units	69	122	87	111	72	4,565	7,740	6,076	7 703	3,884	15.1	15.8	14.4	14.5	18.6	
Swamp Coolers			Q		Q	515	468	0,070 Q	346	0,004 Q	14.2	11.1	Q	16.8	10.0 Q	
Other	_	Q	Q		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	
Main Equipment Replaced Since 1990 (more than one may apply)																
Heating	34	67	43	39	28	3,262	4,981	3,202	3,195	1,754	10.3	13.4	13.3	12.3	15.7	
Cooling		85	69	49	43	3,555	5,895	4,827		2,606	11.5	14.4		11.8	16.4	
Water Heating Equipment																
Centralized System		124	100	124	90	6,315	9,538	6,774		4,585	12.5	12.9	14.7	16.6	19.6	
Distributed System	14	33	26	35	34	1,468	2,954	2,015	3,009	2,094	9.8	11.0	12.8	11.6	16.1	
Combination of Centralized and Distributed System		50	39	50	28	1,691	2,654	1,996		1,187	13.8	18.9	19.5	18.3	23.8	

Table C20. Electricity Consumption and Conditional Energy Intensity by Climate Zone<sup>a</sup> for Non-Mall Buildings, 2003

Non-Mail Buildings, 20	03				1										
		Coi	I Electi nsump	tion		В	uildings	Floorspa Using E n square	lectricit	Electricity Energy Intensity (kWh/square foot)					
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
All Buildings*	120	224	166	219	161	10,393	17,076	11,375	15,172	9,290	11.5	13.1	14.6	14.5	17.3
Lighting Equipment Types (more than one may apply)		4=0	400	40-			40.000						4- 0	4-0	40.0
Incandescent	80	150	123	135	101	7,016	10,308	8,192		5,073	11.4	14.5	15.0	17.0	19.9
Standard Fluorescent Compact Fluorescent	117 66	218 114	163 109	212 122	155 77	9,783 4,667	16,090 6,835	10,871 6,292		3,339	11.9 14.2	13.5 16.7	15.0 17.3	14.8 19.0	18.0 23.1
High Intensity Discharge		95	75	66	49	3,955	6,149	4,385		2,292	11.5	15.4	17.3	17.1	21.4
Halogen	44	74	68	77	50	2,762	4,485	3,903		2,435	15.9	16.5	17.4	18.7	20.5
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	22.4		Q
Refrigeration Equipment															
(more than one may apply) <sup>b</sup>															
Any Refrigeration	109	202	156	198	148	8,673	14,438		12,329	7,640	12.6	14.0	15.7	16.1	19.3
Commercial Refrigeration	65	131	104	128	96	4,106	7,355	5,702	5,784	3,821	15.9	17.8	18.3	22.1	25.0
Walk-In Units	54	106	86	112	79	3,188	5,353	4,341		2,882	16.8	19.8	19.7	25.0	27.5
Cases or Cabinets	51	105	86	100	81	2,950	5,523	4,191		3,174	17.3	19.0	20.4	21.7	25.5
Residential-Type Units	75 70	135	99	115	94	6,713	10,957	7,367		5,369	11.1	12.3	13.5	13.6	17.6
Vending Machines No Refrigeration	76 10	146 22	113 11	140 21	107 13	5,824 1,720	9,186 2,638	6,729 1,482	-	5,375 1,649	13.1 6.1	15.9 8.4	16.8 7.2	17.0 7.4	19.9 8.2
Ü						•	,	•	•	*					
Office Equipment (more															
than one may apply)	111	208	160	202	152	8,976	14 756	10,556	13 096	9 253	12.4	14.1	15.2	15.4	18.4
Computers With Flat Screen Monitors	52	112	100	107	85	3,629	6,548	6,204	-	3,919	14.4	17.1	17.6	17.4	21.7
Dedicated Servers	76	148	129	143	100	5,673	9,426	7,813	-	5,269	13.4	15.7	16.5	17.5	19.1
Laser Printers	67	113	84	109	82	5,811	8,950	5,910		4,666	11.6	12.6	14.2	14.2	17.5
Inkjet Printers	74	120	108	131	99	5,523	7,781	6,220	-	5,130	13.5	15.5	17.4	17.4	19.4
FAX Machines	105	191	156	195	145	8,446		10,336		-	12.4	14.2	15.1	15.7	18.8
Photocopiers	91	169	136	170	125	,	12,244	,	10,780	,	12.7	13.8	14.8	15.7	18.3
Number of Computers															
None	9	16	6	18	9	1,417	2,320	819	2,086	1,037	6.1	7.0	7.8	8.5	9.0
1 to 4	24	41	20	38	31	2,242	3,537	1,801	3,206	1,608	10.6	11.5	10.9	12.0	19.0
5 to 9	14	21	12	16	17	1,392	1,946	1,206	1,572	1,063	9.9	10.8	10.3	10.0	16.3
10 to 19	12	21	14	21	15	1,057	1,724	1,032	1,568	1,228	11.7	12.1	14.0	13.3	12.1
20 to 49	18	25	24	36	17	1,239	2,045	1,441	1,729	960	14.2	12.1	16.8	20.7	18.0
50 to 99	9	15	12	24	15	740	1,124	1,078	1,547	887	12.4	13.7	Q	15.6	17.1
100 to 249	17	24	21	28	18	1,266	1,554	1,389	1,626	855		15.7	14.8	17.4	20.8
250 or More	17	60	57	38	39	1,040	2,825	2,610	1,837	1,652	16.7	21.3	21.7	20.9	23.5
Number of Dedicated Servers	40				0.4	4.700	7.054	0.500	7.045	4 004	0.0		40.0	40.0	4-4
None	43	75	38	77	61	4,720	7,651	3,563		4,021	9.2	9.8	10.6	10.9	15.1
1 to 4	55 5	82 17	62	88 10	55	4,305 516	6,249	4,591	,	3,346	12.9	13.1	13.4	15.7	16.4
5 to 9	5 7	17 18	Q 9	19 17	Q	516 412	980 965	1,078	884 724	Q 472	9.0 17.3	16.9	21.7		Q 27.5
10 to 19 20 to 49	Q	18 Q	11	17 11	Q Q	412 Q	965 Q	455 586	724 604	472 Q	17.3 Q	18.5 Q	19.0 18.4	23.2 18.9	27.5 Q
50 or More	Q	21	24	Q	Q	Q	804	1,102	Q	Q		26.6	22.0	Q	Q
Number of Photocopiers															
None	28	54	30	50	36	3,212	4,832	2,153	4 392	2,462	8.8	11.3	13.9	11.3	14.6
One	30	44	24	46	29	2,653	4,546	2,133	-	2,133	11.4	9.6	10.3		13.8
2 to 4	30	48	35	54	40	2,655	3,694	2,833	-	2,345		13.1	12.4		17.0
5 to 9	11	23	17	27	17	863	1,386	1,219	1,326	721	13.0	16.7	Q	20.1	23.4
10 or More	20	54	60	43	39	1,010		2,833		1,629	19.5	20.6		20.7	24.0

Table C20. Electricity Consumption and Conditional Energy Intensity by Climate Zone<sup>a</sup> for Non-Mall Buildings, 2003

<b>Zone</b> 1	Zone 2	Zone				,	n square	feet)	Electricity Energy Intensity (kWh/square foot)					
120		3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
	224	166	219	161	10,393	17,076	11,375	15,172	9,290	11.5	13.1	14.6	14.5	17.3
49	102	84	91	77	3,302	6,358	4,736	4,620	3,208	14.9	16.1	17.7	19.8	24.0
48 56	88 113	68 102	90 110	48 74	3,451 3,713	5,260 7,143	4,091 5,988		2,200 3,763	13.9 15.1	16.7 15.8	16.7 17.0	20.0 17.6	21.9 19.6
4.4	04	04	0.4	71	2 005	A 050	4 00e	4 204	2 472	14.0	10 7	10.9	20.0	20.5
59 101	112 204	96 149	89 190	57 148	3,804 8,035	5,533 14,309	4,736	4,630	2,406	15.5 12.6	20.2 14.2	20.3 15.6	19.2 16.5	
34	64	67	59	55	2,438	3,834	3,284	3,546	2,528	14.0	16.7	20.4	16.8	21.8
100 52 17	173 124 38	115 98 36	128 121 32	77 99 30	8,065 3,628 1,259	11,659 7,501 2,139	7,843 5,333 1,733	7,836	5,328	12.4 14.2 13.7	14.8 16.5 17.5	14.7 18.3 20.5	17.7 15.4 15.8	19.6 18.6 22.6
37 29 9 57	73 52 18 125 177	36 10 88	73 41 13 101 176	52 30 11 65	2,639 2,163 574 4,446 8 390	4,497 3,557 837 7,579	2,985 2,573 413 5,238 8 922	2,575 618 5,892	1,640 426 2,961	13.9 13.6 15.5 12.8	16.2 14.7 21.8 16.4	15.8 14.2 24.2 16.9	16.5 15.9 20.6 17.1	22.1
					7.00	1,210	001	000	001	10.0		20.0	17.0	21.0
75 74 83 32	137 136 153 56	125 99	137 145 143 46	93 116 110 43	6,309	10,730	8,843 7,802	10,627 11,312	6,681 7,025	10.7 11.8 10.4 9.5	11.7 12.7 11.9 10.3	14.6 14.1 12.7 10.3	13.4 13.6 12.7 10.8	17.3 15.6
1 7 10 38 10 36	1 12 11 54 21 69	7 26 20	1 12 16 52 23 67	Q 7 8 39 23 46	636 1,589 1,081 3,073 1,022 2,225	1,052 2,594 1,506 4,313 1,715 3,545	306 1,270 1,340 2,698 1,261 2,269	1,672 3,648 1,456	862 2,380 1,282	1.3 4.6 9.1 12.5 10.2 16.3	1.1 4.5 7.3 12.5 12.0 19.5	1.7 5.6 5.6 9.7 15.8 22.2	1.7 4.6 9.4 14.3 15.9 20.3	Q 5.8 8.8 16.3 17.8 24.7
	101 34 100 52 17 37 29 9 57 104 12 75 74 83 32	59 112 101 204 34 64 100 173 52 124 17 38 37 73 29 52 9 18 57 125 104 177 12 22 75 137 74 136 83 153 32 56 1 1 1 7 12 10 11 38 54 10 21 36 69	59 112 96 101 204 149  34 64 67  100 173 115 52 124 98 17 38 36  37 73 47 29 52 36 9 18 10 57 125 88 104 177 143  12 22 21  75 137 124 74 136 125 83 153 99 32 56 33  1 1 1 1 7 12 7 10 11 7 38 54 26 10 21 20 36 69 50	59     112     96     89       101     204     149     190       34     64     67     59       100     173     115     128       52     124     98     121       17     38     36     32       37     73     47     73       29     52     36     41       9     18     10     13       57     125     88     101       104     177     143     176       12     22     21     15       75     137     124     137       74     136     125     145       83     153     99     143       32     56     33     46       1     1     1     1       7     12     7     12       10     11     7     16       38     54     26     52       10     21     20     23       36     69     50     67	59       112       96       89       57         101       204       149       190       148         34       64       67       59       55         100       173       115       128       77         52       124       98       121       99         17       38       36       32       30         37       73       47       73       52         29       52       36       41       30         9       18       10       13       11         57       125       88       101       65         104       177       143       176       133         12       22       21       15       21         75       137       124       137       93         74       136       125       145       116         83       153       99       143       110         32       56       33       46       43         1       1       1       1       Q         7       12       7       12       7         10       11       <	59       112       96       89       57       3,804         101       204       149       190       148       8,035         34       64       67       59       55       2,438         100       173       115       128       77       8,065         52       124       98       121       99       3,628         17       38       36       32       30       1,259         37       73       47       73       52       2,639         29       52       36       41       30       2,163         9       18       10       13       11       574         57       125       88       101       65       4,446         104       177       143       176       133       8,390         12       22       21       15       21       756         75       137       124       137       93       6,995         74       136       125       145       116       6,309         83       153       99       143       110       7,959         32       56       33 <td>59       112       96       89       57       3,804       5,533         101       204       149       190       148       8,035       14,309         34       64       67       59       55       2,438       3,834         100       173       115       128       77       8,065       11,659         52       124       98       121       99       3,628       7,501         17       38       36       32       30       1,259       2,139         37       73       47       73       52       2,639       4,497         29       52       36       41       30       2,163       3,557         9       18       10       13       11       574       837         57       125       88       101       65       4,446       7,579         104       177       143       176       133       8,390       11,771         12       22       21       15       21       756       1,249         75       137       124       137       93       6,995       11,636         74       136</td> <td>59         112         96         89         57         3,804         5,533         4,736           101         204         149         190         148         8,035         14,309         9,595           34         64         67         59         55         2,438         3,834         3,284           100         173         115         128         77         8,065         11,659         7,843           52         124         98         121         99         3,628         7,501         5,333           17         38         36         32         30         1,259         2,139         1,733           37         73         47         73         52         2,639         4,497         2,985           29         52         36         41         30         2,163         3,557         2,573           9         18         10         13         11         574         837         413           57         125         88         101         65         4,446         7,579         5,238           104         177         143         176         133         8,390         11,771</td> <td>59         112         96         89         57         3,804         5,533         4,736         4,630           101         204         149         190         148         8,035         14,309         9,595         11,542           34         64         67         59         55         2,438         3,834         3,284         3,546           100         173         115         128         77         8,065         11,659         7,843         7,244           52         124         98         121         99         3,628         7,501         5,333         7,836           17         38         36         32         30         1,259         2,139         1,733         2,051           37         73         47         73         52         2,639         4,497         2,985         4,416           29         52         36         41         30         2,163         3,557         2,573         2,575           9         18         10         13         11         574         837         413         618           57         125         88         101         65         4,446</td> <td>59         112         96         89         57         3,804         5,533         4,736         4,630         2,406           101         204         149         190         148         8,035         14,309         9,595         11,542         7,670           34         64         67         59         55         2,438         3,834         3,284         3,546         2,528           100         173         115         128         77         8,065         11,659         7,843         7,244         3,916           52         124         98         121         99         3,628         7,501         5,333         7,836         5,328           17         38         36         32         30         1,259         2,139         1,733         2,051         1,347           37         73         47         73         52         2,639         4,497         2,985         4,416         2,637           29         52         36         41         30         2,163         3,557         2,573         2,575         1,640           9         18         10         13         11         574         837</td> <td>59         112         96         89         57         3,804         5,533         4,736         4,630         2,406         15.5           101         204         149         190         148         8,035         14,309         9,595         11,542         7,670         12.6           34         64         67         59         55         2,438         3,834         3,284         3,546         2,528         14.0           100         173         115         128         77         8,065         11,659         7,843         7,244         3,916         12.4           52         124         98         121         99         3,628         7,501         5,333         7,836         5,328         14.2           17         38         36         32         30         1,259         2,139         1,733         2,051         1,347         13.7           37         73         47         73         52         2,639         4,497         2,985         4,416         2,637         13.9           29         52         36         41         30         2,163         3,557         2,573         2,575         1,640         1</td> <td>59         112         96         89         57         3,804         5,533         4,736         4,630         2,406         15.5         20.2           101         204         149         190         148         8,035         14,309         9,595         11,542         7,670         12.6         14.2           34         64         67         59         55         2,438         3,834         3,284         3,546         2,528         14.0         16.7           100         173         115         128         77         8,065         11,659         7,843         7,244         3,916         12.4         14.8           52         124         98         121         99         3,628         7,501         5,333         7,836         5,328         14.2         16.5           17         38         36         32         30         1,259         2,139         1,733         2,051         1,347         13.7         17.5           37         73         47         73         52         2,639         4,497         2,985         4,416         2,637         13.9         16.2           29         52         36         41</td> <td>59         112         96         89         57         3,804         5,533         4,736         4,630         2,406         15.5         20.2         20.3           101         204         149         190         148         8,035         14,309         9,595         11,542         7,670         12.6         14.2         15.6           34         64         67         59         55         2,438         3,834         3,284         3,546         2,528         14.0         16.7         20.4           100         173         115         128         77         8,065         11,659         7,843         7,244         3,916         12.4         14.8         14.7           52         124         98         121         99         3,628         7,501         5,333         7,836         5,328         14.2         16.5         18.3           17         38         36         32         30         1,259         2,139         1,733         2,051         1,347         13.7         17.5         20.5           37         73         47         73         52         2,639         4,497         2,985         4,416         2,637</td> <td>59         112         96         89         57         3,804         5,533         4,736         4,630         2,406         15.5         20.2         20.3         19.2           101         204         149         190         148         8,035         14,309         9,595         11,642         7,670         12.6         14.2         15.6         16.5           34         64         67         59         55         2,438         3,834         3,284         3,546         2,528         14.0         16.7         20.4         16.8           100         173         115         128         77         8,065         11,659         7,843         7,244         3,916         12.4         14.8         14.7         17.7           52         124         98         121         99         3,628         7,501         5,333         7,836         5,328         14.2         16.5         18.3         15.4           17         38         36         32         30         1,259         2,139         1,733         2,051         1,347         13.7         17.5         20.5         15.8           37         73         47         73</td>	59       112       96       89       57       3,804       5,533         101       204       149       190       148       8,035       14,309         34       64       67       59       55       2,438       3,834         100       173       115       128       77       8,065       11,659         52       124       98       121       99       3,628       7,501         17       38       36       32       30       1,259       2,139         37       73       47       73       52       2,639       4,497         29       52       36       41       30       2,163       3,557         9       18       10       13       11       574       837         57       125       88       101       65       4,446       7,579         104       177       143       176       133       8,390       11,771         12       22       21       15       21       756       1,249         75       137       124       137       93       6,995       11,636         74       136	59         112         96         89         57         3,804         5,533         4,736           101         204         149         190         148         8,035         14,309         9,595           34         64         67         59         55         2,438         3,834         3,284           100         173         115         128         77         8,065         11,659         7,843           52         124         98         121         99         3,628         7,501         5,333           17         38         36         32         30         1,259         2,139         1,733           37         73         47         73         52         2,639         4,497         2,985           29         52         36         41         30         2,163         3,557         2,573           9         18         10         13         11         574         837         413           57         125         88         101         65         4,446         7,579         5,238           104         177         143         176         133         8,390         11,771	59         112         96         89         57         3,804         5,533         4,736         4,630           101         204         149         190         148         8,035         14,309         9,595         11,542           34         64         67         59         55         2,438         3,834         3,284         3,546           100         173         115         128         77         8,065         11,659         7,843         7,244           52         124         98         121         99         3,628         7,501         5,333         7,836           17         38         36         32         30         1,259         2,139         1,733         2,051           37         73         47         73         52         2,639         4,497         2,985         4,416           29         52         36         41         30         2,163         3,557         2,573         2,575           9         18         10         13         11         574         837         413         618           57         125         88         101         65         4,446	59         112         96         89         57         3,804         5,533         4,736         4,630         2,406           101         204         149         190         148         8,035         14,309         9,595         11,542         7,670           34         64         67         59         55         2,438         3,834         3,284         3,546         2,528           100         173         115         128         77         8,065         11,659         7,843         7,244         3,916           52         124         98         121         99         3,628         7,501         5,333         7,836         5,328           17         38         36         32         30         1,259         2,139         1,733         2,051         1,347           37         73         47         73         52         2,639         4,497         2,985         4,416         2,637           29         52         36         41         30         2,163         3,557         2,573         2,575         1,640           9         18         10         13         11         574         837	59         112         96         89         57         3,804         5,533         4,736         4,630         2,406         15.5           101         204         149         190         148         8,035         14,309         9,595         11,542         7,670         12.6           34         64         67         59         55         2,438         3,834         3,284         3,546         2,528         14.0           100         173         115         128         77         8,065         11,659         7,843         7,244         3,916         12.4           52         124         98         121         99         3,628         7,501         5,333         7,836         5,328         14.2           17         38         36         32         30         1,259         2,139         1,733         2,051         1,347         13.7           37         73         47         73         52         2,639         4,497         2,985         4,416         2,637         13.9           29         52         36         41         30         2,163         3,557         2,573         2,575         1,640         1	59         112         96         89         57         3,804         5,533         4,736         4,630         2,406         15.5         20.2           101         204         149         190         148         8,035         14,309         9,595         11,542         7,670         12.6         14.2           34         64         67         59         55         2,438         3,834         3,284         3,546         2,528         14.0         16.7           100         173         115         128         77         8,065         11,659         7,843         7,244         3,916         12.4         14.8           52         124         98         121         99         3,628         7,501         5,333         7,836         5,328         14.2         16.5           17         38         36         32         30         1,259         2,139         1,733         2,051         1,347         13.7         17.5           37         73         47         73         52         2,639         4,497         2,985         4,416         2,637         13.9         16.2           29         52         36         41	59         112         96         89         57         3,804         5,533         4,736         4,630         2,406         15.5         20.2         20.3           101         204         149         190         148         8,035         14,309         9,595         11,542         7,670         12.6         14.2         15.6           34         64         67         59         55         2,438         3,834         3,284         3,546         2,528         14.0         16.7         20.4           100         173         115         128         77         8,065         11,659         7,843         7,244         3,916         12.4         14.8         14.7           52         124         98         121         99         3,628         7,501         5,333         7,836         5,328         14.2         16.5         18.3           17         38         36         32         30         1,259         2,139         1,733         2,051         1,347         13.7         17.5         20.5           37         73         47         73         52         2,639         4,497         2,985         4,416         2,637	59         112         96         89         57         3,804         5,533         4,736         4,630         2,406         15.5         20.2         20.3         19.2           101         204         149         190         148         8,035         14,309         9,595         11,642         7,670         12.6         14.2         15.6         16.5           34         64         67         59         55         2,438         3,834         3,284         3,546         2,528         14.0         16.7         20.4         16.8           100         173         115         128         77         8,065         11,659         7,843         7,244         3,916         12.4         14.8         14.7         17.7           52         124         98         121         99         3,628         7,501         5,333         7,836         5,328         14.2         16.5         18.3         15.4           17         38         36         32         30         1,259         2,139         1,733         2,051         1,347         13.7         17.5         20.5         15.8           37         73         47         73

Energy Consumption Survey.

# Table C20. Electricity Consumption and Conditional Energy Intensity by Climate Zone<sup>a</sup> for Non-Mall Buildings, 2003

		Coi	l Electi nsumpt	ion		Ві	Electricity Energy Intensity (kWh/square foot)								
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
All Buildings*	120	224	166	219	161	10,393	17,076	11,375	15,172	9,290	11.5	13.1	14.6	14.5	17.3
Provider of Purchased Electricity (more than one may apply) Local Utility	109 Q	198 25	140 27	210 Q	134 23	9,635 784	15,515 1,500	10,370 987		7,707 1,341	11.3 14.2	12.8 16.5	13.5 26.9	14.4 Q	17.4 17.1

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.

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

<sup>\*</sup> 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>&</sup>lt;sup>a</sup> Climate zone (30-year average) definitions: Zone 1 = Under 2,000 CDD and more than 7,000 HDD; Zone 2 = Under 2,000 CDD and 5,500-7,000 HDD; Zone 3 = Under 2,000 CDD and 4,000-5,499 HDD; Zone 4 = Under 2,000 CDD and fewer than 4,000 HDD; Zone 5 = 2,000 CDD or more and fewer than 4,000 HDD. (See "Glossary" for definitions of CDD and HDD.)

<sup>&</sup>lt;sup>b</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.