

**Table C25. Natural Gas Consumption and Conditional Energy Intensity by Census Region for Non-Mall Buildings, 2003**

	Total Natural Gas Consumption (billion cubic feet)				Total Floorspace of Buildings Using Natural Gas (million square feet)				Natural Gas Energy Intensity (cubic feet/square foot)			
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West
<b>All Buildings*</b> .....	415	683	460	311	9,181	13,163	13,311	7,813	45.2	51.9	34.6	39.8
<b>Building Floorspace (Square Feet)</b>												
1,001 to 5,000 .....	46	91	65	40	513	1,074	869	628	90.4	84.9	74.9	63.7
5,001 to 10,000 .....	38	57	64	44	621	959	1,349	763	61.3	59.0	47.5	57.2
10,001 to 25,000 .....	51	119	70	60	1,173	2,436	2,066	1,378	43.9	48.7	33.8	43.6
25,001 to 50,000 .....	45	115	47	44	977	2,262	1,589	1,196	45.6	50.7	29.4	36.6
50,001 to 100,000 .....	58	94	59	25	1,645	1,930	2,153	955	35.5	48.7	27.3	26.3
100,001 to 200,000 .....	65	86	67	24	1,706	1,777	2,241	921	38.3	48.4	29.7	25.6
200,001 to 500,000 .....	60	71	41	28	1,588	1,673	1,419	999	37.6	42.3	28.6	27.5
Over 500,000 .....	51	51	49	Q	956	1,052	1,625	973	53.4	48.8	30.0	48.3
<b>Principal Building Activity</b>												
Education .....	51	113	47	48	1,347	2,184	2,291	1,222	38.2	51.8	20.6	39.6
Food Sales .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service .....	Q	50	87	Q	Q	379	623	Q	Q	133.2	139.3	Q
Health Care .....	47	64	87	38	464	657	987	436	100.9	97.0	88.4	86.1
Inpatient .....	41	50	80	27	351	395	812	247	117.4	127.2	98.6	108.1
Outpatient .....	Q	14	Q	Q	Q	262	Q	Q	Q	51.5	Q	Q
Lodging .....	35	66	55	52	982	1,015	1,338	920	Q	65.0	41.1	56.6
Retail (Other Than Mall).....	16	37	23	12	385	688	1,148	645	42.3	54.1	20.4	18.3
Office .....	89	104	33	35	2,301	2,447	1,915	1,544	38.8	42.3	17.2	23.0
Public Assembly .....	16	43	22	18	712	770	699	542	Q	56.4	32.1	32.4
Public Order and Safety .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship .....	15	37	20	8	384	899	923	424	38.4	41.4	21.7	18.1
Service .....	23	57	28	Q	368	934	822	Q	62.2	61.3	34.6	Q
Warehouse and Storage .....	25	61	20	Q	985	1,921	1,617	971	25.8	31.9	12.1	Q
Other .....	45	Q	Q	Q	531	Q	Q	Q	85.5	Q	Q	Q
Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Year Constructed</b>												
Before 1920 .....	42	66	Q	Q	950	1,175	Q	Q	43.8	56.4	Q	Q
1920 to 1945 .....	88	94	23	18	1,845	1,344	790	699	47.9	69.6	28.8	25.7
1946 to 1959 .....	56	85	46	24	1,406	1,681	953	620	39.5	50.5	48.1	38.3
1960 to 1969 .....	58	94	50	46	1,276	1,819	1,428	1,113	45.4	51.8	35.1	40.9
1970 to 1979 .....	55	138	74	74	1,162	2,737	2,265	1,494	47.6	50.4	32.5	49.4
1980 to 1989 .....	40	77	89	75	1,016	1,342	2,520	1,592	39.6	57.7	35.5	47.4
1990 to 1999 .....	44	94	121	46	949	2,126	3,708	1,395	46.2	44.1	32.6	33.0
2000 to 2003 .....	32	35	39	16	576	939	1,261	654	56.3	37.6	31.3	23.8
<b>Climate Zone: 30-Year Average</b>												
Under 2,000 CDD and --												
More than 7,000 HDD .....	Q	235	N	122	Q	4,382	N	2,102	53.3	53.6	N	57.9
5,500-7,000 HDD .....	188	405	N	66	3,692	7,947	N	1,211	51.0	51.0	N	54.1
4,000-5,499 HDD .....	165	44	104	14	4,328	834	2,508	443	38.1	52.3	41.5	30.8
Fewer than 4,000 HDD .....	N	N	249	99	N	N	6,748	3,761	N	N	36.8	26.2
2,000 CDD or More and --												
Fewer than 4,000 HDD .....	N	N	107	11	N	N	4,054	296	N	N	26.5	37.9
<b>Number of Floors</b>												
One .....	101	209	192	142	2,061	3,915	5,853	3,111	48.9	53.5	32.8	45.5
Two .....	89	210	98	79	1,972	4,485	2,781	2,203	45.3	46.9	35.2	35.8
Three .....	60	109	47	17	1,464	2,239	1,252	714	41.3	48.6	37.9	23.7
Four to Nine .....	112	125	87	42	2,539	2,075	2,036	1,019	44.1	60.4	42.9	41.4
Ten or More .....	52	29	36	Q	1,145	449	1,389	766	45.8	65.6	25.7	Q

CONTINUED

**Table C25. Natural Gas Consumption and Conditional Energy Intensity by Census Region for Non-Mall Buildings, 2003**

	Total Natural Gas Consumption (billion cubic feet)				Total Floorspace of Buildings Using Natural Gas (million square feet)				Natural Gas Energy Intensity (cubic feet/square foot)			
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West
<b>All Buildings*</b> .....	415	683	460	311	9,181	13,163	13,311	7,813	45.2	51.9	34.6	39.8
<b>Number of Workers (main shift)</b>												
Fewer than 5 .....	49	121	55	39	1,191	2,608	1,974	1,249	41.0	46.3	27.9	31.4
5 to 9 .....	40	63	54	35	693	1,231	1,464	695	58.1	51.0	36.7	50.8
10 to 19 .....	46	94	60	35	1,258	1,769	1,533	758	36.9	53.2	38.9	45.7
20 to 49 .....	65	157	97	63	1,955	2,620	2,282	1,355	33.4	59.9	42.7	46.6
50 to 99 .....	58	91	46	39	1,183	1,990	1,905	1,078	48.8	45.9	24.2	35.9
100 to 249 .....	57	75	68	27	1,118	1,407	1,574	1,028	51.0	53.3	43.4	26.6
250 or More .....	100	82	80	72	1,783	1,538	2,579	1,650	55.8	53.5	30.9	43.9
<b>Weekly Operating Hours</b>												
Fewer than 40 .....	Q	49	17	22	Q	1,420	764	593	Q	34.7	21.7	37.6
40 to 48 .....	43	109	50	40	1,346	2,107	2,262	1,198	31.9	51.6	22.0	33.6
49 to 60 .....	80	160	74	50	2,148	3,548	2,813	1,682	37.1	45.0	26.2	29.6
61 to 84 .....	75	111	69	50	1,434	2,205	2,402	1,425	52.3	50.2	28.8	35.1
85 to 167 .....	38	106	71	34	958	1,626	1,613	1,028	39.9	65.4	43.8	33.0
Open Continuously .....	163	149	180	114	2,812	2,257	3,455	1,886	58.1	65.9	52.2	60.6
<b>Ownership and Occupancy</b>												
Nongovernment Owned .....	348	513	367	230	7,646	9,795	9,888	5,988	45.5	52.3	37.1	38.4
Owner Occupied .....	201	253	145	87	4,156	4,972	4,873	2,547	48.4	51.0	29.8	34.0
Nonowner Occupied .....	144	248	221	143	3,302	4,276	4,956	3,352	43.5	58.1	44.6	42.5
Unoccupied .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Government Owned .....	67	171	93	81	1,535	3,368	3,422	1,825	43.9	50.7	27.3	44.1
Federal .....	Q	Q	6	Q	Q	Q	356	Q	Q	Q	16.9	Q
State .....	Q	27	36	22	Q	499	1,205	463	Q	54.6	30.3	48.0
Local .....	53	132	51	46	1,136	2,497	1,862	1,135	47.1	53.1	27.3	40.3
<b>Vacancy Status</b>												
Completely Vacant .....	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	Q
Partially Vacant .....	91	113	55	49	2,146	2,450	2,410	1,440	42.4	46.1	22.8	34.2
Not At All Vacant .....	317	554	404	259	6,754	10,049	10,821	6,221	47.0	55.1	37.4	41.7
<b>Number of Establishments</b>												
One .....	287	507	366	258	5,740	9,415	9,850	5,513	50.1	53.9	37.1	46.8
2 to 5 .....	69	127	61	40	1,877	2,420	1,945	1,351	37.0	52.7	31.3	29.4
6 to 10 .....	20	15	Q	6	474	353	Q	227	41.8	41.5	Q	26.0
11 to 20 .....	Q	Q	Q	Q	Q	Q	391	Q	Q	Q	28.7	Q
More than 20 .....	Q	Q	15	Q	Q	Q	756	Q	Q	Q	20.5	Q
Currently Unoccupied .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Predominant Exterior Wall Material</b>												
Brick, Stone or Stucco .....	280	410	256	147	5,607	7,366	7,125	3,453	50.0	55.7	35.9	42.5
Concrete (Block or Poured) .....	65	137	91	47	1,623	2,466	2,096	1,138	39.8	55.7	43.3	41.6
Concrete Panels .....	Q	59	30	61	Q	1,072	1,538	1,535	Q	54.9	19.5	39.5
Siding or Shingles .....	17	28	25	13	510	684	534	269	32.8	40.9	46.2	49.8
Metal Panels .....	Q	30	43	34	Q	1,050	1,541	986	Q	28.7	27.8	34.8
Window Glass .....	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	2.9	Q

CONTINUED

**Table C25. Natural Gas Consumption and Conditional Energy Intensity by Census Region for Non-Mall Buildings, 2003**

	Total Natural Gas Consumption (billion cubic feet)				Total Floorspace of Buildings Using Natural Gas (million square feet)				Natural Gas Energy Intensity (cubic feet/square foot)			
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West
<b>All Buildings*</b> .....	415	683	460	311	9,181	13,163	13,311	7,813	45.2	51.9	34.6	39.8
<b>Predominant Roof Material</b>												
Built-Up .....	139	260	184	137	2,935	4,573	4,450	3,250	47.3	56.9	41.4	42.1
Shingles (Not Wood) .....	64	121	68	48	1,169	2,419	1,938	993	55.1	50.0	35.0	48.0
Metal Surfacing .....	Q	62	67	45	Q	1,542	2,726	1,127	Q	40.0	24.5	40.0
Synthetic or Rubber .....	165	193	115	52	3,308	3,767	3,291	1,472	49.8	51.3	35.0	35.5
Slate or Tile .....	Q	16	16	16	Q	243	484	468	Q	64.8	32.5	35.2
Wooden Materials .....	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
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
<b>Renovations in Buildings Constructed Before 1980 (more than one may apply)</b>												
Any Type of Renovation												
Since 1980 .....	172	278	123	90	3,567	4,692	2,809	2,202	48.2	59.1	43.8	41.1
Addition or Annex .....	61	116	67	51	1,239	1,793	1,122	883	49.3	64.8	59.9	57.6
Reduction In Floorspace .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Cosmetic Improvements .....	135	196	81	70	2,980	3,309	2,011	1,773	45.4	59.2	40.1	39.6
Wall or Roof Replacement .....	66	113	45	46	1,979	2,010	1,226	1,113	33.2	56.0	37.0	41.6
Interior Wall												
Re-Configuration .....	87	134	54	56	2,005	2,347	1,417	1,250	43.6	56.9	38.2	45.0
HVAC Equipment Upgrade .....	114	188	88	63	2,265	3,003	1,713	1,501	50.2	62.8	51.3	41.9
Lighting Upgrade .....	113	159	54	59	2,582	2,703	1,354	1,465	43.8	58.8	39.8	40.5
Window Replacement .....	84	99	22	30	2,145	1,657	547	650	39.3	59.9	39.4	46.1
Plumbing System Upgrade .....	82	110	41	45	1,913	1,639	912	1,252	43.1	67.0	45.2	35.6
Insulation Upgrade .....	34	53	25	17	883	1,090	511	476	38.0	48.5	48.2	34.9
Other Renovation .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
No Renovations Since 1980 .....	127	199	87	83	3,072	4,065	3,013	1,971	41.2	49.1	29.0	42.3
Building Newer than 1980 .....	117	206	250	137	2,542	4,406	7,489	3,641	45.9	46.9	33.3	37.6
<b>Energy Sources (more than one may apply)</b>												
Electricity .....	415	683	460	311	9,181	13,162	13,306	7,813	45.2	51.9	34.6	39.8
Natural Gas .....	415	683	460	311	9,181	13,163	13,311	7,813	45.2	51.9	34.6	39.8
Fuel Oil .....	148	136	131	76	3,714	2,123	2,962	1,584	39.8	64.2	44.3	48.3
District Heat .....	Q	14	14	Q	666	680	811	Q	21.7	21.0	16.7	Q
District Chilled Water .....	Q	Q	14	Q	Q	Q	694	Q	Q	Q	20.1	Q
Propane .....	Q	35	Q	Q	Q	877	787	632	Q	39.9	Q	42.6
Other .....	Q	20	Q	Q	Q	377	Q	Q	Q	53.0	Q	Q
<b>Space-Heating Energy Sources</b>												
Natural Gas .....	393	668	410	279	7,238	12,180	10,693	6,848	54.3	54.8	38.3	40.7
Natural Gas Main .....	367	630	377	262	6,439	11,321	9,299	5,911	57.0	55.7	40.6	44.3
Natural Gas Secondary .....	26	37	32	17	800	858	1,393	938	32.5	43.3	23.2	18.5
Other Excluding Natural Gas .....	20	14	49	19	1,938	951	2,413	713	Q	15.2	20.4	26.8
Buildings without Heating .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Primary Space-Heating Energy Source</b>												
Electricity .....	24	45	69	33	675	1,185	2,954	1,348	35.3	38.1	23.5	24.4
Natural Gas .....	367	630	377	262	6,439	11,321	9,299	5,911	57.0	55.7	40.6	44.3
Fuel Oil .....	16	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
District Heat .....	Q	Q	Q	Q	526	Q	741	Q	8.6	Q	12.2	Q
Propane .....	N	N	Q	N	N	N	Q	N	N	N	Q	N
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q

Energy Information Administration

2003 Commercial Buildings Energy Consumption Survey: Consumption and Expenditures Tables

CONTINUED

**Table C25. Natural Gas Consumption and Conditional Energy Intensity by Census Region for Non-Mall Buildings, 2003**

	Total Natural Gas Consumption (billion cubic feet)				Total Floorspace of Buildings Using Natural Gas (million square feet)				Natural Gas Energy Intensity (cubic feet/square foot)			
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West
<b>All Buildings*</b> .....	415	683	460	311	9,181	13,163	13,311	7,813	45.2	51.9	34.6	39.8
<b>Cooling Energy Sources</b>												
Natural Gas .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Other Excluding Natural Gas .....	341	614	440	282	8,203	11,834	12,979	6,989	41.6	51.9	33.9	40.3
Buildings without Cooling .....	31	46	Q	20	625	1,074	Q	556	49.9	43.3	Q	36.4
<b>Water-Heating Energy Sources</b>												
Natural Gas .....	317	513	363	270	5,601	8,799	8,306	6,114	56.6	58.3	43.7	44.2
Other Excluding Natural Gas .....	85	151	81	33	3,159	3,685	4,257	1,212	27.0	41.0	19.1	27.2
Bldgs without Water Heating .....	Q	20	16	7	Q	679	748	487	Q	29.1	20.9	15.3
<b>Cooking Energy Sources</b>												
Natural Gas .....	175	262	259	135	3,580	3,965	5,480	2,412	48.7	66.0	47.3	55.9
Other Excluding Natural Gas .....	33	61	27	15	563	1,237	946	473	57.9	49.6	28.9	32.3
Buildings without Cooking .....	208	360	174	161	5,038	7,961	6,885	4,928	41.3	45.3	25.2	32.6
<b>Energy End Uses (more than one may apply)</b>												
Buildings with Space Heating .....	413	682	459	298	9,176	13,130	13,106	7,561	45.0	51.9	35.0	39.4
Buildings with Cooling .....	384	637	454	291	8,556	12,090	13,120	7,257	44.9	52.7	34.6	40.0
Buildings with Water Heating .....	402	664	445	303	8,761	12,484	12,563	7,326	45.9	53.2	35.4	41.4
Buildings with Cooking .....	207	323	287	150	4,143	5,202	6,426	2,885	50.0	62.1	44.6	52.1
Buildings with Manufacturing .....	29	32	14	Q	516	711	524	551	57.2	45.6	27.3	38.5
Buildings with Electricity Generation .....	136	165	133	83	2,554	2,901	3,127	1,820	53.3	57.0	42.6	45.7
<b>Percent of Floorspace Heated</b>												
Not Heated .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
1 to 50 .....	24	23	29	18	808	876	1,281	1,041	30.0	26.3	22.7	17.2
51 to 99 .....	65	79	60	55	1,199	1,336	1,858	1,573	54.4	59.3	32.3	35.3
100 .....	324	580	370	225	7,169	10,919	9,966	4,948	45.1	53.1	37.1	45.4
<b>Percent of Floorspace Cooled</b>												
Not Cooled .....	31	46	Q	20	625	1,074	Q	556	49.9	43.3	Q	36.4
1 to 50 .....	119	187	69	63	3,222	3,954	3,025	1,931	37.0	47.3	22.8	32.6
51 to 99 .....	118	177	79	63	2,507	3,111	2,362	1,753	47.2	57.0	33.3	36.1
100 .....	146	273	307	164	2,828	5,025	7,733	3,573	51.8	54.3	39.7	46.0
<b>Heating Equipment (more than one may apply)</b>												
Heat Pumps .....	51	32	92	43	924	754	2,758	1,117	55.3	42.3	33.2	38.1
Packaged Heat Pumps .....	27	24	53	Q	549	563	1,560	651	49.9	42.9	33.7	Q
Split-System Heat Pumps .....	Q	Q	25	8	Q	Q	982	279	Q	Q	25.9	29.9
Individual Room Heat Pumps .....	Q	Q	28	Q	Q	Q	918	Q	Q	Q	30.5	Q
Furnaces .....	117	298	143	95	2,355	6,265	4,303	2,381	49.7	47.5	33.3	39.9
Individual Space Heaters .....	93	155	60	61	1,992	3,362	2,100	1,515	46.5	46.0	28.4	40.2
District Heat .....	Q	Q	13	Q	548	Q	800	Q	16.3	Q	15.8	Q
Boilers .....	269	365	207	167	5,142	5,729	3,941	3,362	52.4	63.8	52.5	49.6
Packaged Heating Units .....	134	167	190	74	2,520	3,209	5,338	2,551	53.1	52.0	35.5	29.0
Other .....	Q	22	9	Q	Q	562	716	Q	Q	38.3	13.3	Q

CONTINUED

**Table C25. Natural Gas Consumption and Conditional Energy Intensity by Census Region for Non-Mall Buildings, 2003**

	Total Natural Gas Consumption (billion cubic feet)				Total Floorspace of Buildings Using Natural Gas (million square feet)				Natural Gas Energy Intensity (cubic feet/square foot)			
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West
<b>All Buildings*</b> .....	415	683	460	311	9,181	13,163	13,311	7,813	45.2	51.9	34.6	39.8
<b>Cooling Equipment (more than one may apply)</b>												
Residential-Type Central												
Air Conditioners .....	101	172	71	36	1,937	3,032	2,171	842	51.9	56.6	32.7	43.0
Heat Pumps .....	55	36	93	42	996	803	2,800	1,232	55.7	44.9	33.2	34.3
Packaged Heat Pumps .....	32	28	Q	Q	620	593	1,512	627	51.1	46.5	33.9	Q
Split-System Heat Pumps .....	Q	Q	27	Q	Q	Q	1,003	Q	Q	Q	27.0	Q
Individual Room Heat Pumps .....	Q	Q	29	11	Q	Q	958	598	Q	Q	30.1	18.5
Individual Air Conditioners .....	111	164	74	48	2,742	2,835	2,252	1,285	40.5	58.0	33.0	37.7
District Chilled Water .....	Q	Q	14	Q	Q	Q	694	Q	Q	Q	20.1	Q
Central Chillers .....	118	157	134	76	1,523	2,498	3,433	1,646	77.6	62.9	39.0	46.4
Packaged Air Conditioning												
Units .....	244	391	262	160	5,309	7,199	7,044	4,254	46.0	54.3	37.1	37.7
Swamp Coolers .....	Q	Q	Q	67	Q	Q	Q	1,077	Q	25.9	Q	62.5
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Main Equipment Replaced Since 1990 (more than one may apply)</b>												
Heating .....	121	240	127	98	2,791	4,392	3,081	2,011	43.5	54.8	41.2	48.6
Cooling .....	167	308	155	125	4,177	5,122	4,092	2,657	40.0	60.2	37.9	47.2
<b>Water Heating Equipment</b>												
Centralized System .....	286	430	281	192	5,521	8,122	7,626	4,084	51.9	52.9	36.9	46.9
Distributed System .....	51	101	63	31	1,819	2,100	2,288	1,352	28.2	48.2	27.5	23.2
Combination of Centralized and Distributed System .....	65	133	100	80	1,421	2,263	2,649	1,890	45.6	58.6	37.8	42.5
<b>Energy-Related Space Functions (more than one may apply)</b>												
Commercial Food Preparation .....	207	323	287	149	4,143	5,202	6,426	2,873	50.0	62.1	44.6	52.0
Activities with Large Amounts of Hot Water .....	168	308	256	171	3,304	4,701	5,214	2,804	50.8	65.5	49.1	61.0
Separate Computer Area .....	238	283	191	136	4,882	5,605	6,290	3,838	48.7	50.5	30.4	35.5
<b>HVAC Conservation Features (more than one may apply)</b>												
Variable Air-Volume System .....	159	240	175	114	3,002	4,347	4,588	2,656	52.9	55.3	38.1	43.0
Economizer Cycle .....	178	296	167	140	3,379	5,231	4,425	3,620	52.6	56.6	37.8	38.6
HVAC Maintenance .....	366	567	400	277	8,148	10,784	11,127	6,926	44.9	52.5	36.0	39.9
Energy Management and Control System (EMCS) .....	101	171	111	80	2,291	3,257	3,741	2,337	44.2	52.4	29.6	34.4
<b>Equipment Usage Reduced When Building Not In Full Use (more than one may apply)<sup>a</sup></b>												
Heating .....	305	447	296	206	7,022	9,184	9,217	5,757	43.4	48.7	32.1	35.8
Cooling .....	283	435	310	220	6,859	8,746	9,914	5,919	41.3	49.8	31.3	37.2
Lighting .....	240	510	272	190	5,902	10,070	9,418	5,681	40.7	50.7	28.9	33.5
Office Equipment .....	106	198	80	78	3,001	4,439	2,970	2,259	35.2	44.7	27.0	34.4

CONTINUED

**Table C25. Natural Gas Consumption and Conditional Energy Intensity by Census Region for Non-Mall Buildings, 2003**

	Total Natural Gas Consumption (billion cubic feet)				Total Floorspace of Buildings Using Natural Gas (million square feet)				Natural Gas Energy Intensity (cubic feet/square foot)			
	North-east	Mid-west	South	West	North-east	Mid-west	South	West	North-east	Mid-west	South	West
<b>All Buildings*</b> .....	415	683	460	311	9,181	13,163	13,311	7,813	45.2	51.9	34.6	39.8
<b>Annual Consumption (hundred cubic feet)</b>												
1,000 or Less .....	4	11	11	9	884	698	1,610	1,145	Q	16.1	7.0	7.9
1,001 to 5,000 .....	49	85	70	38	1,633	2,770	3,420	1,909	29.7	30.6	20.5	20.1
5,001 to 10,000 .....	46	97	59	37	1,010	1,983	2,255	1,005	45.1	48.9	26.3	37.3
10,001 to 25,000 .....	77	119	81	71	1,926	2,232	2,162	1,447	39.8	53.5	37.5	49.4
25,001 to 50,000 .....	53	114	64	52	1,371	2,135	1,258	770	38.7	53.4	51.2	68.0
50,001 to 100,000 .....	43	85	55	27	810	1,450	1,092	618	53.3	58.6	50.7	44.5
Over 100,000 .....	144	172	118	75	1,546	1,895	1,514	919	93.3	90.9	78.2	81.2
<b>Provider of Natural Gas (more than one may apply)</b>												
Local Utility .....	327	568	412	273	7,977	11,278	12,067	7,040	41.0	50.4	34.2	38.8
Some Other Provider .....	113	155	59	50	1,562	2,378	1,579	853	72.2	65.1	37.3	58.9

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 3.8 percent of total natural gas 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 natural gas.

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.