Table C30A. Natural Gas Consumption and Conditional Energy Intensity by Climate Zone\textsuperscript{a} for All Buildings, 2003

<table>
<thead>
<tr>
<th>Zone</th>
<th>Total Natural Gas Consumption (billion cubic feet)</th>
<th>Total Floorspace of Buildings Using Natural Gas (million square feet)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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</tbody>
</table>

### Building Floorspace (Square Feet)

- **1,001 to 5,000**: 858,702,000
  - **5,001 to 10,000**: 858,702,000
  - **10,001 to 25,000**: 858,702,000
  - **25,001 to 50,000**: 858,702,000
  - **50,001 to 100,000**: 858,702,000
  - **100,001 to 200,000**: 858,702,000
  - **200,001 to 500,000**: 858,702,000
  - **Over 500,000**: 858,702,000

### Principal Building Activity

- **Education**: 65,113
- **Food Sales**: 49
- **Food Service**: 69
- **Health Care**: 56
- **Inpatient**: 12
- **Outpatient**: 12
- **Lodging**: 86
- **Motel**: 83
- **Mercantile**: 49
- **Retail (Other Than Mall)**: 49
- **Enclosed and Strip Malls**: 36
- **Office**: 106
- **Public Assembly**: 32
- **Public Order and Safety**: 34
- **Religious Worship**: 39
- **Service**: 42
- **Warehouse and Storage**: 34
- **Other**: 34
- **Vacant**: 34

### Year Constructed

- **Before 1920**: 55
- **1920 to 1945**: 49
- **1946 to 1959**: 38
- **1960 to 1969**: 62
- **1970 to 1979**: 112
- **1980 to 1989**: 46
- **1990 to 1999**: 69
- **2000 to 2003**: 22

### Census Region and Division

- **Northeast**: 207
- **New England**: 84
- **Middle Atlantic**: 123
- **Midwest**: 249
- **East North Central**: 160
- **West North Central**: 89
- **South**: 223
- **South Atlantic**: 70
- **East South Central**: 81
- **West South Central**: 90
- **West**: 153
- **Mountain**: 116
- **Pacific**: 186

**Energy Information Administration**

2003 Commercial Buildings Energy Consumption Survey: Consumption and Expenditures Tables
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<tr>
<td>1</td>
<td>454</td>
<td>715</td>
<td>356</td>
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</tbody>
</table>

Number of Establishments

- **One** ................................................ 300 501 247 289 80 5,184 9,094 5,555 7,980 2,706 58.0 55.1 44.4 36.2 29.7
- **2 to 5** .............................................. 109 123 42 50 25 2,065 2,506 1,525 1,938 683 52.7 48.9 27.3 25.9 36.8
- **6 to 10** ............................................ 22 39 13 Q Q 537 708 388 Q Q 40.3 55.3 33.6 Q Q
- **11 to 20** .......................................... Q 23 Q Q Q Q 551 Q 524 Q Q 41.6 Q 29.7 Q
- **More than 20** ..................................QQQQQ Q Q Q QQQQQQQ
- **Currently Unoccupied ..................... QQQQQ Q Q Q QQQQQQQ

Energy Sources (more than one may apply)

- **Electricity** ........................................ 454 715 356 378 134 8,484 14,122 8,970 11,796 5,093 53.5 50.6 39.7 32.0 26.3
- **Natural Gas** ....................................... 454 715 356 378 134 8,486 14,122 8,970 11,796 5,098 53.5 50.6 39.7 32.0 26.3
- **Fuel Oil** ........................................... 85 161 131 95 36 1,381 2,636 3,788 2,045 1,447 61.5 61.0 34.5 46.3 24.8
- **District Heat** .................................... QQQQQ 3 4 7 9 2 2 5 9 3 QQQ 20.0 Q Q Q

Energy End Uses (more than one may apply)

- **Buildings with Space Heating .......... 453 713 354 363 131 8,481 14,066 8,965 11,479 4,812 53.4 50.7 39.5 31.6 27.3
- **Buildings with Cooling .................... 427 666 340 361 133 7,899 12,870 8,760 11,258 5,069 54.0 51.7 38.8 32.1 26.2
- **Buildings with Water Heating .......... 445 686 350 363 130 8,088 13,297 8,725 10,993 4,782 55.1 51.6 40.1 33.0 27.2

Annual Consumption (hundred cubic feet)

- **1,000 or Less ......................... 7 9 4 13 3 512 715 868 1,578 726 13.5 13.0 Q 8.3 5.6
- **1,001 to 5,000 ......................... 52 90 38 63 14 1,645 2,866 1,538 3,327 1,008 31.4 31.6 25.0 18.9 13.6
- **5,001 to 10,000 ......................... 68 91 42 45 20 1,246 1,897 1,035 1,691 1,079 54.2 54.0 40.2 26.9 18.2
- **10,001 to 25,000 ....................... 105 124 60 71 30 1,699 2,594 1,750 1,815 746 61.9 47.7 34.3 39.4 40.1
- **25,001 to 50,000 ....................... 79 102 54 69 20 1,323 2,194 1,475 1,174 635 60.0 46.4 36.7 58.5 31.4
- **50,001 to 100,000 ..................... 46 84 60 Q Q 787 1,499 899 Q Q 58.6 56.1 66.8 Q Q
- **Over 100,000 ............................ 97 214 98 83 37 1,275 2,358 1,404 1,022 564 76.2 90.8 69.8 81.2 65.8

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.
- Due to rounding, data may not sum to totals.


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See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CB ECS web site http://www.eia.doe.gov/emeu/cb ecs.

a 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.)

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.