

**Table B14. Number of Establishments in Building, Number of Buildings, 1999**

|  | Number of Buildings (thousand) |                                      |             |            |                  |                  |                      |
|--|--------------------------------|--------------------------------------|-------------|------------|------------------|------------------|----------------------|
|  | All Buildings                  | Number of Establishments in Building |             |            |                  |                  |                      |
|  |                                | One                                  | Two to Five | Six to Ten | Eleven to Twenty | More than Twenty | Currently Unoccupied |
| <b>All Buildings</b> .....               | 4,657                          | 3,528                                | 688         | 114        | 48               | 27               | 251                  |
| <b>Building Floorspace (Square Feet)</b> |                                |                                      |             |            |                  |                  |                      |
| 1,001 to 5,000 .....                     | 2,348                          | 1,897                                | 272         | Q          | Q                | Q                | 164                  |
| 5,001 to 10,000 .....                    | 1,110                          | 802                                  | 222         | 17         | Q                | Q                | Q                    |
| 10,001 to 25,000 .....                   | 708                            | 506                                  | 121         | 51         | 12               | Q                | 17                   |
| 25,001 to 50,000 .....                   | 257                            | 184                                  | 33          | 15         | 15               | Q                | Q                    |
| 50,001 to 100,000 .....                  | 145                            | 88                                   | 26          | 12         | 12               | 6                | Q                    |
| 100,001 to 200,000 .....                 | 59                             | 34                                   | 10          | 4          | 6                | 5                | Q                    |
| 200,001 to 500,000 .....                 | 23                             | 14                                   | 3           | 2          | 2                | 2                | Q                    |
| Over 500,000 .....                       | 7                              | 3                                    | 1           | Q          | Q                | 3                | Q                    |
| <b>Principal Building Activity</b>       |                                |                                      |             |            |                  |                  |                      |
| Education .....                          | 327                            | 302                                  | 24          | Q          | Q                | Q                | N                    |
| Food Sales .....                         | 174                            | 161                                  | Q           | N          | N                | Q                | N                    |
| Food Service .....                       | 349                            | 315                                  | Q           | Q          | N                | N                | N                    |
| Health Care .....                        | 127                            | 94                                   | 27          | Q          | 2                | Q                | N                    |
| Inpatient .....                          | 11                             | 10                                   | Q           | Q          | Q                | Q                | N                    |
| Outpatient .....                         | 116                            | 84                                   | 26          | Q          | Q                | Q                | N                    |
| Lodging .....                            | 153                            | 143                                  | 10          | Q          | N                | Q                | N                    |
| Mercantile .....                         | 667                            | 450                                  | 131         | 53         | 17               | 8                | Q                    |
| Retail (Other Than Mall) .....           | 534                            | 449                                  | 69          | Q          | Q                | Q                | Q                    |
| Enclosed and Strip Malls .....           | 133                            | Q                                    | 62          | 46         | 17               | 8                | N                    |
| Office .....                             | 739                            | 475                                  | 206         | 34         | 17               | 8                | N                    |
| Public Assembly .....                    | 305                            | 262                                  | 27          | Q          | Q                | Q                | Q                    |
| Public Order and Safety .....            | 72                             | 60                                   | Q           | Q          | Q                | N                | N                    |
| Religious Worship .....                  | 307                            | 286                                  | 20          | Q          | N                | N                | N                    |
| Service .....                            | 478                            | 362                                  | 110         | Q          | Q                | N                | Q                    |
| Warehouse and Storage .....              | 603                            | 452                                  | 69          | 7          | Q                | Q                | Q                    |
| Other .....                              | 102                            | 89                                   | Q           | Q          | Q                | Q                | N                    |
| Vacant .....                             | 253                            | 77                                   | Q           | Q          | Q                | N                | 169                  |
| <b>Year Constructed</b>                  |                                |                                      |             |            |                  |                  |                      |
| 1919 or Before .....                     | 419                            | 312                                  | 64          | Q          | Q                | Q                | 36                   |
| 1920 to 1945 .....                       | 499                            | 384                                  | 84          | Q          | Q                | 1                | 22                   |
| 1946 to 1959 .....                       | 763                            | 581                                  | 100         | Q          | Q                | Q                | 62                   |
| 1960 to 1969 .....                       | 665                            | 524                                  | 81          | 9          | 5                | Q                | Q                    |
| 1970 to 1979 .....                       | 774                            | 591                                  | 124         | 22         | 15               | 4                | Q                    |
| 1980 to 1989 .....                       | 846                            | 605                                  | 138         | 47         | 15               | 7                | Q                    |
| 1990 to 1999 .....                       | 690                            | 531                                  | 98          | 10         | 7                | 3                | Q                    |
| <b>Floors</b>                            |                                |                                      |             |            |                  |                  |                      |
| One .....                                | 2,879                          | 2,231                                | 379         | 52         | 25               | 13               | 179                  |
| Two .....                                | 1,168                          | 873                                  | 191         | 41         | 10               | 6                | 48                   |
| Three .....                              | 420                            | 308                                  | 74          | Q          | 3                | Q                | Q                    |
| Four to Nine .....                       | 178                            | 112                                  | 43          | 8          | 7                | 5                | Q                    |
| Ten or More .....                        | 11                             | 4                                    | 1           | 1          | 2                | 3                | Q                    |
| <b>Census Region</b>                     |                                |                                      |             |            |                  |                  |                      |
| Northeast .....                          | 686                            | 531                                  | 113         | 15         | 8                | 4                | Q                    |
| Midwest .....                            | 1,188                          | 860                                  | 190         | 22         | 7                | 4                | 103                  |
| South .....                              | 1,762                          | 1,392                                | 231         | 41         | 17               | 9                | 72                   |
| West .....                               | 1,021                          | 745                                  | 154         | 36         | 16               | Q                | 60                   |
| <b>Climate Zone: 45-Year Average</b>     |                                |                                      |             |            |                  |                  |                      |
| Under 2,000 CDD and --                   |                                |                                      |             |            |                  |                  |                      |
| More than 7,000 HDD .....                | 525                            | 414                                  | 82          | Q          | Q                | Q                | Q                    |
| 5,500-7,000 HDD .....                    | 986                            | 727                                  | 158         | 14         | 8                | 6                | 73                   |
| 4,000-5,499 HDD .....                    | 1,085                          | 793                                  | 180         | 32         | 7                | 7                | 66                   |
| Fewer than 4,000 HDD .....               | 1,134                          | 868                                  | 146         | 48         | 18               | 4                | Q                    |
| 2,000 CDD or More and --                 |                                |                                      |             |            |                  |                  |                      |
| Fewer than 4,000 HDD .....               | 926                            | 725                                  | 123         | 16         | 11               | Q                | 39                   |

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| <b>Workers (main shift)</b>                        |                                |                                      |             |            |                  |                  |                      |
| Fewer than 5 .....                                 | 2,376                          | 1,891                                | 208         | Q          | Q                | Q                | 251                  |
| 5 to 9 .....                                       | 807                            | 610                                  | 193         | Q          | Q                | Q                | N                    |
| 10 to 19 .....                                     | 683                            | 520                                  | 149         | 13         | Q                | Q                | N                    |
| 20 to 49 .....                                     | 487                            | 344                                  | 92          | 41         | 10               | Q                | N                    |
| 50 to 99 .....                                     | 174                            | 89                                   | 30          | 27         | 22               | 6                | N                    |
| 100 to 249 .....                                   | 90                             | 54                                   | 12          | 9          | 10               | 5                | N                    |
| 250 or More .....                                  | 39                             | 19                                   | 5           | 3          | 4                | 8                | N                    |
| <b>Ownership and Occupancy</b>                     |                                |                                      |             |            |                  |                  |                      |
| Nongovernment Owned .....                          | 4,135                          | 3,084                                | 631         | 111        | 47               | 27               | 236                  |
| Owner Occupied .....                               | 2,801                          | 2,317                                | 395         | 58         | 14               | 18               | N                    |
| Nonowner Occupied .....                            | 1,099                          | 767                                  | 236         | 54         | 33               | 9                | N                    |
| Unoccupied .....                                   | 236                            | N                                    | N           | N          | N                | N                | 236                  |
| Government Owned .....                             | 521                            | 444                                  | 58          | 3          | Q                | Q                | Q                    |
| <b>Vacancy Status</b>                              |                                |                                      |             |            |                  |                  |                      |
| Completely Vacant .....                            | 140                            | N                                    | N           | N          | N                | N                | 140                  |
| Mostly Vacant .....                                | 113                            | 77                                   | Q           | Q          | Q                | N                | 29                   |
| Partially Vacant .....                             | 697                            | 400                                  | 137         | 44         | 21               | 13               | 82                   |
| Not At All Vacant .....                            | 3,707                          | 3,051                                | 549         | 66         | 26               | 15               | N                    |
| <b>Multibuilding Facility Activity</b>             |                                |                                      |             |            |                  |                  |                      |
| Not Part of a Multibuilding                        |                                |                                      |             |            |                  |                  |                      |
| Facility .....                                     | 3,295                          | 2,446                                | 532         | 58         | 33               | 19               | 207                  |
| College or University .....                        | 70                             | 66                                   | 3           | Q          | Q                | Q                | Q                    |
| Primary or Secondary School .....                  | 224                            | 221                                  | Q           | N          | N                | Q                | Q                    |
| Office Complex .....                               | 134                            | 78                                   | 35          | 10         | 3                | 1                | Q                    |
| Retail Complex .....                               | 181                            | 113                                  | 26          | 29         | 6                | 2                | Q                    |
| Religious Campus or Complex .....                  | 186                            | 170                                  | Q           | N          | Q                | N                | N                    |
| Health Care Complex .....                          | 72                             | 50                                   | Q           | Q          | Q                | Q                | Q                    |
| Government Complex .....                           | 61                             | 49                                   | Q           | Q          | Q                | N                | N                    |
| Other .....  | 434                            | 335                                  | 47          | Q          | Q                | Q                | Q                    |
| <b>Energy Sources (more than one may apply)</b>    |                                |                                      |             |            |                  |                  |                      |
| Electricity .....                                  | 4,395                          | 3,437                                | 680         | 113        | 48               | 27               | 90                   |
| Natural Gas .....                                  | 2,670                          | 2,038                                | 459         | 79         | 23               | 19               | 50                   |
| Fuel Oil .....                                     | 434                            | 346                                  | 71          | 5          | 5                | 6                | Q                    |
| District Heat .....                                | 117                            | 101                                  | 7           | Q          | 1                | 1                | N                    |
| District Chilled Water .....                       | 50                             | 44                                   | 3           | Q          | Q                | Q                | N                    |
| Propane .....                                      | 451                            | 397                                  | 43          | Q          | Q                | Q                | Q                    |
| Other .....  | 153                            | 140                                  | Q           | Q          | Q                | Q                | Q                    |
| <b>Energy End Uses (more than one may apply)</b>   |                                |                                      |             |            |                  |                  |                      |
| Buildings with Space Heating .....                 | 4,016                          | 3,138                                | 661         | 103        | 43               | 24               | 48                   |
| Buildings with Cooling .....                       | 3,560                          | 2,711                                | 637         | 106        | 46               | 25               | 34                   |
| Buildings with Water Heating .....                 | 3,239                          | 2,507                                | 538         | 96         | 37               | 23               | 38                   |
| Buildings with Cooking .....                       | 857                            | 673                                  | 106         | 44         | 17               | 16               | Q                    |
| Buildings with Manufacturing .....                 | 151                            | 125                                  | 12          | Q          | Q                | Q                | N                    |
| Buildings with Electricity Generation .....        | 172                            | 141                                  | 16          | 5          | 5                | 4                | Q                    |
| <b>Heating Equipment (more than one may apply)</b> |                                |                                      |             |            |                  |                  |                      |
| Heat Pumps .....                                   | 492                            | 355                                  | 109         | 17         | 7                | 3                | Q                    |
| Furnaces .....                                     | 1,460                          | 1,132                                | 282         | 22         | 7                | 1                | Q                    |
| Individual Space Heaters .....                     | 894                            | 713                                  | 144         | 14         | Q                | 3                | Q                    |
| District Heat .....                                | 96                             | 80                                   | 6           | Q          | Q                | 1                | N                    |
| Boilers .....                                      | 581                            | 479                                  | 71          | 10         | 7                | Q                | Q                    |
| Packaged Heating Units .....                       | 1,347                          | 1,012                                | 224         | 59         | 23               | 10               | Q                    |
| Other .....  | 185                            | 149                                  | 22          | Q          | 3                | 2                | Q                    |

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|   |                                | One                                  | Two to Five | Six to Ten | Eleven to Twenty | More than Twenty | Currently Unoccupied |
| <b>Cooling Equipment (more than one may apply)</b>          |                                |                                      |             |            |                  |                  |                      |
| Residential-Type Central                                    |                                |                                      |             |            |                  |                  |                      |
| Air Conditioners .....                                      | 676                            | 506                                  | 149         | Q          | 4                | 2                | Q                    |
| Heat Pumps .....  | 485                            | 339                                  | 118         | 18         | 7                | 3                | Q                    |
| Individual Air Conditioners .....                           | 799                            | 612                                  | 151         | Q          | Q                | 3                | Q                    |
| District Chilled Water .....                                | 50                             | 44                                   | 3           | Q          | Q                | Q                | N                    |
| Central Chillers .....                                      | 130                            | 92                                   | 16          | 4          | 5                | 11               | Q                    |
| Packaged Air Conditioning                                   |                                |                                      |             |            |                  |                  |                      |
| Units .....   | 1,953                          | 1,469                                | 322         | 84         | 31               | 14               | Q                    |
| Swamp Coolers .....   | 136                            | 124                                  | 8           | Q          | Q                | Q                | N                    |
| Other .....   | 49                             | 44                                   | Q           | Q          | Q                | Q                | N                    |
| <b>Lighting Equipment Types (more than one may apply)</b>   |                                |                                      |             |            |                  |                  |                      |
| Incandescent .....  | 2,193                          | 1,746                                | 329         | 61         | 29               | 19               | Q                    |
| Standard Fluorescent .....                                  | 3,778                          | 2,965                                | 628         | 105        | 44               | 25               | Q                    |
| Compact Fluorescent .....                                   | 607                            | 451                                  | 108         | 28         | 11               | 9                | Q                    |
| High Intensity Discharge .....                              | 430                            | 322                                  | 74          | 18         | 5                | Q                | N                    |
| Halogen .....   | 572                            | 425                                  | 98          | 31         | 9                | 8                | Q                    |
| Other .....   | 58                             | 41                                   | Q           | Q          | Q                | Q                | N                    |
| <b>Personal Computers</b>                                   |                                |                                      |             |            |                  |                  |                      |
| None .....  | 1,617                          | 1,248                                | 120         | Q          | Q                | Q                | 233                  |
| 1 to 4 .....  | 1,636                          | 1,323                                | 268         | 34         | Q                | Q                | Q                    |
| 5 to 9 .....  | 542                            | 385                                  | 136         | 14         | Q                | Q                | Q                    |
| 10 to 19 .....  | 403                            | 271                                  | 78          | 32         | 7                | Q                | Q                    |
| 20 to 49 .....  | 247                            | 174                                  | 47          | 11         | 11               | Q                | N                    |
| 50 to 99 .....  | 105                            | 59                                   | 24          | 8          | 10               | 3                | Q                    |
| 100 to 249 .....  | 71                             | 45                                   | 10          | 6          | 5                | 4                | N                    |
| 250 or More .....   | 36                             | 23                                   | 4           | 2          | 3                | 5                | N                    |
| <b>Photocopiers</b>   |                                |                                      |             |            |                  |                  |                      |
| None .....  | 2,825                          | 2,231                                | 295         | 30         | 14               | Q                | 246                  |
| One .....   | 1,114                          | 888                                  | 177         | 40         | Q                | Q                | Q                    |
| 2 to 4 .....  | 540                            | 346                                  | 167         | 13         | 9                | 5                | Q                    |
| 5 to 9 .....  | 102                            | 41                                   | 42          | 15         | 4                | Q                | N                    |
| 10 or More .....  | 75                             | 22                                   | 8           | 16         | 18               | 11               | N                    |
| <b>Other Electronic Equipment (more than one may apply)</b> |                                |                                      |             |            |                  |                  |                      |
| Laser Printers .....  | 1,949                          | 1,421                                | 377         | 81         | 41               | 18               | Q                    |
| FAX Machines .....  | 2,807                          | 2,076                                | 552         | 101        | 47               | 20               | Q                    |
| Medical Diagnostic Equipment .....                          | 86                             | 53                                   | 26          | Q          | 2                | Q                | N                    |

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.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A of the 1999 Commercial Buildings Energy Consumption Survey.