

**Table AC3. Total Consumption for Air-Conditioning by Equipment Type, 2005**  
**Quadrillion British Thermal Units (Btu)**

|  | U.S.<br>Households<br>(millions) | Total U.S.<br>Using Any<br>Air-Conditioning<br>Equipment<br>(millions) | Type of Air-Conditioning Equipment<br>(quadrillion Btu) |                             |                                |
|--|----------------------------------|--|---|-----------------------------|--------------------------------|
|  |                                  |  | Total   | Central System <sup>5</sup> | Window/Wall Units <sup>6</sup> |
| <b>Total.....</b>                              | 111.1                            | 91.4   | 0.88  | 0.76                        | 0.12                           |
| <b>Census Region and Division</b>              |                                  |  |   |                             |                                |
| Northeast.....                                 | 20.6                             | 16.3   | 0.07  | 0.04                        | 0.03                           |
| New England.....                               | 5.5                              | 3.7  | 0.01  | (*)                         | 0.01                           |
| Middle Atlantic.....                           | 15.1                             | 12.6   | 0.06  | 0.04                        | 0.03                           |
| Midwest.....                                   | 25.6                             | 23.4   | 0.14  | 0.13                        | 0.02                           |
| East North Central.....                        | 17.7                             | 15.9   | 0.09  | 0.08                        | 0.01                           |
| West North Central.....                        | 7.9                              | 7.5  | 0.05  | 0.05                        | 0.01                           |
| South.....                                     | 40.7                             | 38.9   | 0.56  | 0.51                        | 0.06                           |
| South Atlantic.....                            | 21.7                             | 20.7   | 0.28  | 0.26                        | 0.02                           |
| East South Central.....                        | 6.9                              | 6.6  | 0.08  | 0.07                        | 0.01                           |
| West South Central.....                        | 12.1                             | 11.7   | 0.21  | 0.18                        | 0.03                           |
| West.....                                      | 24.2                             | 12.9   | 0.10  | 0.09                        | 0.01                           |
| Mountain.....                                  | 7.6                              | 4.3  | 0.06  | 0.06                        | Q                              |
| Pacific.....                                   | 16.6                             | 8.5  | 0.04  | 0.03                        | 0.01                           |
| <b>Four Most Populated States</b>              |                                  |  |   |                             |                                |
| New York.....                                  | 7.1                              | 5.3  | 0.02  | 0.01                        | 0.01                           |
| Florida.....                                   | 7.0                              | 7.0  | 0.14  | 0.14                        | 0.01                           |
| Texas.....                                     | 8.0                              | 7.7  | 0.15  | 0.13                        | 0.01                           |
| California.....                                | 12.1                             | 6.6  | 0.03  | 0.03                        | (*)                            |
| All Other States.....                          | 76.9                             | 65.0   | 0.54  | 0.46                        | 0.08                           |
| <b>Urban/Rural Location (as Self-Reported)</b> |                                  |  |   |                             |                                |
| City.....                                      | 47.1                             | 37.8   | 0.36  | 0.30                        | 0.05                           |
| Town.....                                      | 19.0                             | 15.9   | 0.14  | 0.11                        | 0.02                           |
| Suburbs.....                                   | 22.7                             | 19.8   | 0.22  | 0.21                        | 0.01                           |
| Rural.....                                     | 22.3                             | 18.0   | 0.17  | 0.14                        | 0.03                           |
| <b>Climate Zone<sup>1</sup></b>                |                                  |  |   |                             |                                |
| Less than 2,000 CDD and--                      |                                  |  |   |                             |                                |
| Greater than 7,000 HDD.....                    | 10.9                             | 7.6  | 0.02  | 0.02                        | (*)                            |
| 5,500 to 7,000 HDD.....                        | 26.1                             | 21.0   | 0.10  | 0.08                        | 0.02                           |
| 4,000 to 5,499 HDD.....                        | 27.3                             | 23.4   | 0.17  | 0.14                        | 0.04                           |
| Fewer than 4,000 HDD.....                      | 24.0                             | 17.9   | 0.16  | 0.15                        | 0.02                           |
| 2000 CDD or More and--                         |                                  |  |   |                             |                                |
| Less than 4,000 HDD.....                       | 22.8                             | 21.7   | 0.42  | 0.39                        | 0.03                           |

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|---|----------------------------------|--|---|-----------------------------|--------------------------------|
|   |                                  |  | Total   | Central System <sup>5</sup> | Window/Wall Units <sup>6</sup> |
| <b>Type of Housing Unit</b>                 |                                  |  |   |                             |                                |
| Single-Family Detached.....                 | 72.1                             | 60.3   | 0.66  | 0.60                        | 0.06                           |
| Single-Family Attached.....                 | 7.6                              | 6.0  | 0.04  | 0.03                        | 0.01                           |
| Apartments in 2-4 Unit Buildings.....       | 7.8                              | 6.1  | 0.04  | 0.03                        | 0.01                           |
| Apartments in 5 or More Unit Buildings..... | 16.7                             | 13.5   | 0.09  | 0.07                        | 0.02                           |
| Mobile Homes.....                           | 6.9                              | 5.5  | 0.05  | 0.04                        | 0.01                           |
| <b>Ownership of Housing Unit</b>            |                                  |  |   |                             |                                |
| <b>Owned.....</b>                           | <b>78.1</b>                      | <b>65.8</b>  | <b>0.68</b>   | <b>0.62</b>                 | <b>0.07</b>                    |
| Single-Family Detached.....                 | 64.1                             | 54.0   | 0.59  | 0.55                        | 0.05                           |
| Single-Family Attached.....                 | 4.2                              | 3.6  | 0.02  | 0.02                        | (*)                            |
| Apartments in 2-4 Unit Buildings.....       | 1.8                              | 1.7  | 0.01  | 0.01                        | (*)                            |
| Apartments in 5 or More Unit Buildings..... | 2.3                              | 1.9  | 0.01  | 0.01                        | (*)                            |
| Mobile Homes.....                           | 5.7                              | 4.7  | 0.04  | 0.03                        | 0.01                           |
| <b>Rented.....</b>                          | <b>33.0</b>                      | <b>25.7</b>  | <b>0.20</b>   | <b>0.15</b>                 | <b>0.05</b>                    |
| Single-Family Detached.....                 | 8.0                              | 6.3  | 0.07  | 0.05                        | 0.02                           |
| Single-Family Attached.....                 | 3.4                              | 2.5  | 0.02  | 0.01                        | 0.01                           |
| Apartments in 2-4 Unit Buildings.....       | 5.9                              | 4.4  | 0.03  | 0.02                        | 0.01                           |
| Apartments in 5 or More Unit Buildings..... | 14.4                             | 11.7   | 0.08  | 0.06                        | 0.02                           |
| Mobile Homes.....                           | 1.2                              | 0.8  | 0.01  | 0.01                        | (*)                            |
| <b>Year of Construction</b>                 |                                  |  |   |                             |                                |
| Before 1940.....                            | 14.7                             | 10.6   | 0.06  | 0.03                        | 0.03                           |
| 1940 to 1949.....                           | 7.4                              | 5.5  | 0.04  | 0.03                        | 0.01                           |
| 1950 to 1959.....                           | 12.5                             | 10.3   | 0.08  | 0.06                        | 0.02                           |
| 1960 to 1969.....                           | 12.5                             | 10.3   | 0.09  | 0.07                        | 0.02                           |
| 1970 to 1979.....                           | 18.9                             | 15.3   | 0.14  | 0.13                        | 0.02                           |
| 1980 to 1989.....                           | 18.6                             | 15.7   | 0.17  | 0.15                        | 0.01                           |
| 1990 to 1999.....                           | 17.3                             | 15.3   | 0.18  | 0.18                        | 0.01                           |
| 2000 to 2005.....                           | 9.2                              | 8.6  | 0.12  | 0.11                        | (*)                            |

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|  | U.S.<br>Households<br>(millions) | Total U.S.<br>Using Any<br>Air-Conditioning<br>Equipment<br>(millions) | Type of Air-Conditioning Equipment<br>(quadrillion Btu) |                             |                                |
|--|----------------------------------|--|---|-----------------------------|--------------------------------|
|  |                                  |  | Total   | Central System <sup>5</sup> | Window/Wall Units <sup>6</sup> |
| <b>Household Size</b>                              |                                  |  |   |                             |                                |
| 1 Person.....                                      | 30.0                             | 24.0   | 0.15  | 0.12                        | 0.03                           |
| 2 Persons.....                                     | 34.8                             | 29.1   | 0.29  | 0.26                        | 0.03                           |
| 3 Persons.....                                     | 18.4                             | 15.5   | 0.17  | 0.14                        | 0.03                           |
| 4 Persons.....                                     | 15.9                             | 13.2   | 0.15  | 0.13                        | 0.02                           |
| 5 Persons.....                                     | 7.9                              | 6.7  | 0.09  | 0.08                        | 0.01                           |
| 6 or More Persons.....                             | 4.1                              | 3.0  | 0.04  | 0.03                        | 0.01                           |
| <b>2005 Household Income Category</b>              |                                  |  |   |                             |                                |
| Less than \$10,000.....                            | 9.9                              | 7.5  | 0.05  | 0.04                        | 0.02                           |
| \$10,000 to \$14,999.....                          | 8.5                              | 6.6  | 0.04  | 0.03                        | 0.01                           |
| \$15,000 to \$19,999.....                          | 8.4                              | 6.9  | 0.05  | 0.04                        | 0.01                           |
| \$20,000 to \$29,999.....                          | 15.1                             | 12.3   | 0.10  | 0.08                        | 0.02                           |
| \$30,000 to \$39,999.....                          | 13.6                             | 11.2   | 0.11  | 0.10                        | 0.01                           |
| \$40,000 to \$49,999.....                          | 11.0                             | 9.3  | 0.09  | 0.08                        | 0.01                           |
| \$50,000 to \$74,999.....                          | 19.8                             | 16.7   | 0.17  | 0.16                        | 0.02                           |
| \$75,000 to \$99,999.....                          | 10.6                             | 9.0  | 0.10  | 0.09                        | 0.01                           |
| \$100,000 or More.....                             | 14.2                             | 12.0   | 0.16  | 0.15                        | (*)                            |
| <b>Income Relative to Poverty Line</b>             |                                  |  |   |                             |                                |
| Below 100 Percent.....                             | 16.6                             | 12.6   | 0.10  | 0.06                        | 0.03                           |
| 100 to 150 Percent.....                            | 12.9                             | 10.5   | 0.09  | 0.07                        | 0.02                           |
| Above 150 Percent.....                             | 81.5                             | 68.4   | 0.69  | 0.63                        | 0.06                           |
| <b>Eligible for Federal Assistance<sup>2</sup></b> |                                  |  |   |                             |                                |
| Yes.....   | 38.6                             | 30.3   | 0.24  | 0.18                        | 0.06                           |
| No.....  | 72.5                             | 61.2   | 0.64  | 0.59                        | 0.05                           |
| <b>Payment Method for Utilities</b>                |                                  |  |   |                             |                                |
| All Paid by Household.....                         | 97.5                             | 81.3   | 0.82  | 0.72                        | 0.09                           |
| Some Paid, Some in Rent.....                       | 7.6                              | 5.7  | 0.03  | 0.02                        | 0.01                           |
| All Included in Rent.....                          | 4.7                              | 3.3  | 0.02  | 0.02                        | 0.01                           |
| Other Method.....                                  | 1.3                              | 1.1  | 0.01  | 0.01                        | (*)                            |

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|---|----------------------------------|--|---|-----------------------------|--------------------------------|
|   |                                  |  | Total   | Central System <sup>5</sup> | Window/Wall Units <sup>6</sup> |
| <b>Ethnic Origin of Householder</b>           |                                  |  |   |                             |                                |
| Hispanic Descent.....                         | 14.8                             | 10.7   | 0.11  | 0.09                        | 0.02                           |
| Non-Hispanic Descent.....                     | 96.3                             | 80.7   | 0.77  | 0.68                        | 0.09                           |
| <b>Race of Householder<sup>3</sup></b>        |                                  |  |   |                             |                                |
| White.....                                    | 79.1                             | 66.4   | 0.64  | 0.57                        | 0.07                           |
| Hispanic.....                                 | 5.0                              | 3.4  | 0.04  | 0.03                        | 0.01                           |
| Non-Hispanic.....                             | 74.1                             | 63.0   | 0.60  | 0.54                        | 0.06                           |
| Black.....                                    | 13.4                             | 11.5   | 0.11  | 0.09                        | 0.02                           |
| Hispanic.....                                 | 0.3                              | 0.2  | Q   | Q                           | Q                              |
| Non-Hispanic.....                             | 13.1                             | 11.2   | 0.11  | 0.09                        | 0.02                           |
| Asian.....                                    | 3.3                              | 2.1  | 0.02  | 0.02                        | (*)                            |
| Multi-Racial.....                             | 1.3                              | 1.0  | 0.01  | 0.01                        | (*)                            |
| Other.....                                    | 7.1                              | 5.4  | 0.05  | 0.05                        | 0.01                           |
| Undetermined (Race Reported as Hispanic)..... | 6.9                              | 5.2  | 0.05  | 0.04                        | 0.01                           |
| <b>Age of Householder</b>                     |                                  |  |   |                             |                                |
| Under 25 Years.....                           | 5.5                              | 4.6  | 0.04  | 0.03                        | 0.01                           |
| 25 to 34 Years.....                           | 18.2                             | 15.2   | 0.14  | 0.12                        | 0.02                           |
| 35 to 44 Years.....                           | 22.2                             | 18.0   | 0.21  | 0.19                        | 0.02                           |
| 45 to 54 Years.....                           | 23.3                             | 19.3   | 0.20  | 0.18                        | 0.02                           |
| 55 to 64 Years.....                           | 18.0                             | 14.5   | 0.15  | 0.13                        | 0.02                           |
| 65 to 74 Years.....                           | 12.3                             | 10.0   | 0.08  | 0.07                        | 0.01                           |
| 75 Years or More.....                         | 11.7                             | 9.9  | 0.06  | 0.05                        | 0.01                           |
| <b>Adults Age 65 or Older in Household</b>    |                                  |  |   |                             |                                |
| Yes.....                                      | 26.9                             | 22.1   | 0.17  | 0.14                        | 0.03                           |
| No.....                                       | 84.2                             | 69.4   | 0.71  | 0.62                        | 0.09                           |
| <b>Children Under Age 5 in Household</b>      |                                  |  |   |                             |                                |
| Yes.....                                      | 15.0                             | 12.6   | 0.14  | 0.12                        | 0.02                           |
| No.....                                       | 96.1                             | 78.9   | 0.74  | 0.64                        | 0.10                           |
| <b>Children Age 5 to 16 in Household</b>      |                                  |  |   |                             |                                |
| Yes.....                                      | 28.1                             | 23.1   | 0.27  | 0.24                        | 0.03                           |
| No.....                                       | 83.0                             | 68.3   | 0.61  | 0.53                        | 0.08                           |

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|--|----------------------------------|--|---|-----------------------------|--------------------------------|
|  |                                  |  | Total   | Central System <sup>5</sup> | Window/Wall Units <sup>6</sup> |
| <b>Age of Central Air-Conditioner</b>    |                                  |  |   |                             |                                |
| <b>Used by One Housing Unit</b>          |                                  |  |   |                             |                                |
| Less than 2 Years.....                   | 9.0                              | 8.9  | 0.12  | 0.12                        | N                              |
| 2 to 4 Years.....                        | 11.0                             | 10.9   | 0.14  | 0.14                        | N                              |
| 5 to 9 Years.....                        | 16.3                             | 16.1   | 0.20  | 0.20                        | N                              |
| 10 to 19 Years.....                      | 16.8                             | 16.4   | 0.19  | 0.19                        | N                              |
| 20 Years or More.....                    | 6.5                              | 6.2  | 0.07  | 0.07                        | N                              |
| Don't Know.....                          | 4.5                              | 4.4  | 0.05  | 0.05                        | N                              |
| <b>Used by Two or More Housing Units</b> |                                  |  |   |                             |                                |
| Less than 2 Years.....                   | Q                                | Q  | Q   | Q                           | N                              |
| 2 to 4 Years.....                        | Q                                | Q  | Q   | Q                           | N                              |
| 5 to 9 Years.....                        | 0.3                              | 0.3  | (*)   | (*)                         | N                              |
| 10 to 19 Years.....                      | 0.3                              | Q  | Q   | Q                           | N                              |
| 20 Years or More.....                    | 0.3                              | Q  | Q   | Q                           | N                              |
| Don't Know.....                          | 0.7                              | 0.7  | 0.01  | 0.01                        | N                              |
| <b>Age of Most-Used Window/Wall Unit</b> |                                  |  |   |                             |                                |
| Less than 2 Years.....                   | 6.4                              | 6.4  | 0.03  | 0.01                        | 0.03                           |
| 2 to 4 Years.....                        | 7.8                              | 7.7  | 0.04  | 0.01                        | 0.03                           |
| 5 to 9 Years.....                        | 7.0                              | 6.9  | 0.03  | 0.01                        | 0.03                           |
| 10 to 19 Years.....                      | 3.7                              | 3.6  | 0.02  | Q                           | 0.02                           |
| 20 Years or More.....                    | 2.1                              | 2.0  | 0.01  | Q                           | 0.01                           |
| Don't Know.....                          | 1.8                              | 1.7  | 0.01  | Q                           | 0.01                           |
| <b>Cooled Floorspace (Square Feet)</b>   |                                  |  |   |                             |                                |
| Fewer than 500.....                      | 37.6                             | 18.0   | 0.07  | 0.02                        | 0.05                           |
| 500 to 999.....                          | 19.9                             | 19.9   | 0.15  | 0.11                        | 0.04                           |
| 1,000 to 1,499.....                      | 14.3                             | 14.3   | 0.14  | 0.13                        | 0.01                           |
| 1,500 to 1,999.....                      | 9.9                              | 9.9  | 0.12  | 0.11                        | 0.01                           |
| 2,000 to 2,499.....                      | 7.5                              | 7.5  | 0.09  | 0.09                        | (*)                            |
| 2,500 to 2,999.....                      | 6.1                              | 6.1  | 0.07  | 0.07                        | (*)                            |
| 3,000 or 3,499.....                      | 4.3                              | 4.3  | 0.05  | 0.05                        | Q                              |
| 3,500 to 3,999.....                      | 2.9                              | 2.9  | 0.04  | 0.04                        | Q                              |
| 4,000 or More.....                       | 8.7                              | 8.7  | 0.14  | 0.14                        | Q                              |

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|--|----------------------------------|--|---|-----------------------------|--------------------------------|
|  |                                  |  | Total   | Central System <sup>5</sup> | Window/Wall Units <sup>6</sup> |
| <b>Proportion of Rooms Air-Conditioned<sup>4</sup></b> |                                  |  |   |                             |                                |
| None.....  | 1.4                              | Q  | Q   | Q                           | N                              |
| Some, But Not all of the Rooms.....                    | 8.4                              | 8.4  | 0.06  | 0.06                        | N                              |
| All of the Rooms.....                                  | 56.1                             | 56.1   | 0.70  | 0.70                        | N                              |
| <b>Frequency of Central Air-Conditioner Use</b>        |                                  |  |   |                             |                                |
| Never.....   | 1.4                              | Q  | Q   | Q                           | N                              |
| Only a Few Times When Needed.....                      | 11.4                             | 11.4   | 0.04  | 0.04                        | N                              |
| Quite a Bit.....                                       | 12.6                             | 12.6   | 0.10  | 0.10                        | N                              |
| All Summer.....  | 40.5                             | 40.5   | 0.62  | 0.62                        | N                              |
| <b>Frequency of Most Used Window/Wall Unit</b>         |                                  |  |   |                             |                                |
| Never.....   | 0.6                              | Q  | Q   | Q                           | N                              |
| Only a Few Times When Needed.....                      | 12.1                             | 12.1   | 0.03  | 0.01                        | 0.02                           |
| Quite a Bit.....                                       | 7.5                              | 7.5  | 0.03  | 0.01                        | 0.03                           |
| All Summer.....  | 8.6                              | 8.6  | 0.07  | 0.01                        | 0.07                           |
| <b>Weekday Home Activities</b>                         |                                  |  |   |                             |                                |
| <b>Home Used for Business</b>                          |                                  |  |   |                             |                                |
| Yes.....   | 8.9                              | 7.5  | 0.09  | 0.09                        | (*)                            |
| No.....  | 102.2                            | 83.9   | 0.79  | 0.68                        | 0.11                           |
| <b>Energy-Intensive Activity</b>                       |                                  |  |   |                             |                                |
| Yes.....   | 2.2                              | 1.6  | 0.02  | 0.01                        | (*)                            |
| No.....  | 108.9                            | 89.8   | 0.86  | 0.75                        | 0.11                           |
| <b>Someone Home All Day</b>                            |                                  |  |   |                             |                                |
| Yes.....   | 56.4                             | 46.5   | 0.45  | 0.39                        | 0.06                           |
| No.....  | 54.7                             | 45.0   | 0.43  | 0.38                        | 0.05                           |
| <b>Adequacy of Insulation</b>                          |                                  |  |   |                             |                                |
| Well Insulated.....                                    | 42.8                             | 37.2   | 0.37  | 0.34                        | 0.03                           |
| Adequately Insulated.....                              | 46.3                             | 37.9   | 0.37  | 0.33                        | 0.04                           |
| Poorly Insulated.....                                  | 19.0                             | 14.2   | 0.12  | 0.09                        | 0.04                           |
| No Insulation.....                                     | 1.4                              | 0.8  | 0.01  | Q                           | (*)                            |
| Don't Know.....  | 1.7                              | 1.4  | 0.01  | 0.01                        | (*)                            |

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|--|----------------------------|--|--|-----------------------------|--------------------------------|
|  |                            |  | Total  | Central System <sup>5</sup> | Window/Wall Units <sup>6</sup> |
| <b>Home is Too Drafty During the Winter</b>                        |                            |  |  |                             |                                |
| Never.....   | 62.9                       | 53.8   | 0.56   | 0.51                        | 0.05                           |
| Some of the Time.....  | 32.4                       | 25.8   | 0.22   | 0.18                        | 0.05                           |
| Most of the Time.....  | 6.1                        | 4.3  | 0.03   | 0.03                        | 0.01                           |
| All of the Time.....   | 5.6                        | 4.0  | 0.03   | 0.02                        | 0.01                           |
| Don't Know.....  | 4.1                        | 3.5  | 0.03   | 0.03                        | 0.01                           |
| <b>Unusually High Ceilings</b>                                     |                            |  |  |                             |                                |
| Yes.....   | 27.2                       | 23.3   | 0.29   | 0.28                        | 0.01                           |
| No.....  | 76.9                       | 62.6   | 0.54   | 0.45                        | 0.09                           |
| Not Asked (Mobile Homes).....                                      | 6.9                        | 5.5  | 0.05   | 0.04                        | 0.01                           |
| <b>Cathedral Ceilings</b><br>(In Housing Units with High Ceilings) |                            |  |  |                             |                                |
| Yes.....   | 17.1                       | 14.5   | 0.19   | 0.19                        | (*)                            |
| No.....  | 10.1                       | 8.7  | 0.10   | 0.09                        | 0.01                           |
| <b>Type of Glass in Windows</b>                                    |                            |  |  |                             |                                |
| Single-pane Glass.....   | 50.7                       | 41.2   | 0.42   | 0.34                        | 0.07                           |
| Double-pane Glass  |                            |  |  |                             |                                |
| Without Low-e Coating.....   | 50.6                       | 42.1   | 0.38   | 0.35                        | 0.04                           |
| With Low-e Coating.....  | 8.0                        | 6.7  | 0.06   | 0.06                        | (*)                            |
| Triple-pane Glass  |                            |  |  |                             |                                |
| Without Low-e Coating.....   | 1.0                        | 0.9  | 0.01   | 0.01                        | Q                              |
| With Low-e Coating.....  | 0.3                        | 0.3  | (*)  | Q                           | Q                              |
| <b>Proportion of Original Windows Replaced</b>                     |                            |  |  |                             |                                |
| All.....   | 22.4                       | 18.1   | 0.14   | 0.11                        | 0.02                           |
| Some.....  | 21.6                       | 16.9   | 0.15   | 0.12                        | 0.03                           |
| None.....  | 62.3                       | 52.7   | 0.57   | 0.51                        | 0.06                           |
| Don't Know.....  | 4.7                        | 3.7  | 0.03   | 0.03                        | (*)                            |

**Table AC3. Total Consumption for Air-Conditioning by Equipment Type, 2005**  
**Quadrillion British Thermal Units (Btu)**

|  | U.S. Households (millions) | Total U.S. Using Any Air-Conditioning Equipment (millions) | Type of Air-Conditioning Equipment (quadrillion Btu) |                             |                                |
|--|----------------------------|--|--|-----------------------------|--------------------------------|
|  |                            |  | Total  | Central System <sup>5</sup> | Window/Wall Units <sup>6</sup> |
| <b>Thermostats</b>                     |                            |  |  |                             |                                |
| <b>Do Not Have a Thermostat.....</b>   | 15.3                       | 10.4   | 0.08   | 0.03                        | 0.05                           |
| <b>Have a Thermostat.....</b>          | 95.8                       | 81.1   | 0.80   | 0.73                        | 0.07                           |
| 1.....                                 | 84.5                       | 71.3   | 0.69   | 0.64                        | 0.06                           |
| 2 or More.....                         | 11.3                       | 9.8  | 0.11   | 0.10                        | 0.01                           |
| <b>Have a Programmable Thermostat</b>  |                            |  |  |                             |                                |
| Yes.....                               | 33.1                       | 28.7   | 0.30   | 0.29                        | 0.01                           |
| No.....                                | 62.7                       | 52.4   | 0.50   | 0.44                        | 0.05                           |
| <b>Use of Programmable Thermostats</b> |                            |  |  |                             |                                |
| <b>Reduces Temperature During Day</b>  |                            |  |  |                             |                                |
| Yes.....                               | 18.6                       | 16.3   | 0.17   | 0.16                        | 0.01                           |
| No.....                                | 14.5                       | 12.4   | 0.14   | 0.13                        | 0.01                           |
| <b>Reduces Temperature at Night</b>    |                            |  |  |                             |                                |
| Yes.....                               | 21.5                       | 18.6   | 0.19   | 0.19                        | 0.01                           |
| No.....                                | 11.6                       | 10.1   | 0.11   | 0.10                        | (*)                            |

1 One of five climatically distinct areas, determined according to the 30-year average (1971-2000) of the annual heating and cooling degree-days. A household is assigned to a climate zone according to the 30-year average annual degree-days for an appropriate nearby weather station.

2 Below 150 percent of poverty line or 60 percent of median state income.

3 Respondents were permitted to select more than one racial category to describe themselves. The "Other" category includes Native Americans, Native Alaskans, and Pacific Islanders.

4 Only applies to households using central air-conditioning.

5 In the 2005 RECS, 1.5 million housing units reported having both central and window/wall air conditioners. They are included in this column.

6 In the 2005 RECS, 1.5 million housing units reported having both central and window/wall air conditioners. They are not included in this column.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

N = No cases in the reporting sample.

(\*) Number less than 0.5, 0.05, or 0.005 depending on the number of significant digits in the column, rounded to zero.

Notes: ● Because of rounding, data may not sum to totals. ● See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 2005 Residential Energy Consumption Survey.