

**Table 1. Life table for the total population: United States, 2003**

| Age   | Probability of dying between ages $x$ to $x+1$ | Number surviving to age $x$ | Number dying between ages $x$ to $x+1$ | Person-years lived between ages $x$ to $x+1$ | Total number of person-years lived above age $x$ | Expectation of life at age $x$ |
|-------|--|-----------------------------|--|--|--|--------------------------------|
|       | $q(x)$   | $l(x)$                      | $d(x)$                                 | $L(x)$                                       | $T(x)$   | $e(x)$                         |
| 0-1   | 0.006865                                       | 100,000                     | 687                                    | 99,394                                       | 7,743,016  | 77.4                           |
| 1-2   | 0.000469                                       | 99,313                      | 47                                     | 99,290                                       | 7,643,622  | 77.0                           |
| 2-3   | 0.000337                                       | 99,267                      | 33                                     | 99,250                                       | 7,544,332  | 76.0                           |
| 3-4   | 0.000254                                       | 99,233                      | 25                                     | 99,221                                       | 7,445,082  | 75.0                           |
| 4-5   | 0.000194                                       | 99,208                      | 19                                     | 99,199                                       | 7,345,861  | 74.0                           |
| 5-6   | 0.000177                                       | 99,189                      | 18                                     | 99,180                                       | 7,246,663  | 73.1                           |
| 6-7   | 0.000160                                       | 99,171                      | 16                                     | 99,163                                       | 7,147,482  | 72.1                           |
| 7-8   | 0.000147                                       | 99,156                      | 15                                     | 99,148                                       | 7,048,319  | 71.1                           |
| 8-9   | 0.000132                                       | 99,141                      | 13                                     | 99,134                                       | 6,949,171  | 70.1                           |
| 9-10  | 0.000117                                       | 99,128                      | 12                                     | 99,122                                       | 6,850,036  | 69.1                           |
| 10-11 | 0.000109                                       | 99,116                      | 11                                     | 99,111                                       | 6,750,914  | 68.1                           |
| 11-12 | 0.000118                                       | 99,105                      | 12                                     | 99,100                                       | 6,651,803  | 67.1                           |
| 12-13 | 0.000157                                       | 99,094                      | 16                                     | 99,086                                       | 6,552,704  | 66.1                           |
| 13-14 | 0.000233                                       | 99,078                      | 23                                     | 99,067                                       | 6,453,618  | 65.1                           |
| 14-15 | 0.000339                                       | 99,055                      | 34                                     | 99,038                                       | 6,354,551  | 64.2                           |
| 15-16 | 0.000460                                       | 99,022                      | 46                                     | 98,999                                       | 6,255,513  | 63.2                           |
| 16-17 | 0.000577                                       | 98,976                      | 57                                     | 98,947                                       | 6,156,514  | 62.2                           |
| 17-18 | 0.000684                                       | 98,919                      | 68                                     | 98,885                                       | 6,057,566  | 61.2                           |
| 18-19 | 0.000769                                       | 98,851                      | 76                                     | 98,813                                       | 5,958,681  | 60.3                           |
| 19-20 | 0.000832                                       | 98,775                      | 82                                     | 98,734                                       | 5,859,868  | 59.3                           |
| 20-21 | 0.000894                                       | 98,693                      | 88                                     | 98,649                                       | 5,761,134  | 58.4                           |
| 21-22 | 0.000954                                       | 98,605                      | 94                                     | 98,558                                       | 5,662,485  | 57.4                           |
| 22-23 | 0.000990                                       | 98,511                      | 98                                     | 98,462                                       | 5,563,928  | 56.5                           |
| 23-24 | 0.000997                                       | 98,413                      | 98                                     | 98,364                                       | 5,465,466  | 55.5                           |
| 24-25 | 0.000982                                       | 98,315                      | 97                                     | 98,267                                       | 5,367,101  | 54.6                           |
| 25-26 | 0.000960                                       | 98,219                      | 94                                     | 98,171                                       | 5,268,835  | 53.6                           |
| 26-27 | 0.000942                                       | 98,124                      | 92                                     | 98,078                                       | 5,170,663  | 52.7                           |
| 27-28 | 0.000936                                       | 98,032                      | 92                                     | 97,986                                       | 5,072,585  | 51.7                           |
| 28-29 | 0.000947                                       | 97,940                      | 93                                     | 97,894                                       | 4,974,599  | 50.8                           |
| 29-30 | 0.000974                                       | 97,847                      | 95                                     | 97,800                                       | 4,876,705  | 49.8                           |
| 30-31 | 0.001008                                       | 97,752                      | 98                                     | 97,703                                       | 4,778,906  | 48.9                           |
| 31-32 | 0.001046                                       | 97,654                      | 102                                    | 97,603                                       | 4,681,203  | 47.9                           |
| 32-33 | 0.001097                                       | 97,551                      | 107                                    | 97,498                                       | 4,583,600  | 47.0                           |
| 33-34 | 0.001162                                       | 97,444                      | 113                                    | 97,388                                       | 4,486,102  | 46.0                           |
| 34-35 | 0.001244                                       | 97,331                      | 121                                    | 97,271                                       | 4,388,715  | 45.1                           |
| 35-36 | 0.001336                                       | 97,210                      | 130                                    | 97,145                                       | 4,291,444  | 44.1                           |
| 36-37 | 0.001441                                       | 97,080                      | 140                                    | 97,010                                       | 4,194,299  | 43.2                           |
| 37-38 | 0.001567                                       | 96,940                      | 152                                    | 96,864                                       | 4,097,289  | 42.3                           |
| 38-39 | 0.001714                                       | 96,788                      | 166                                    | 96,705                                       | 4,000,424  | 41.3                           |
| 39-40 | 0.001874                                       | 96,623                      | 181                                    | 96,532                                       | 3,903,719  | 40.4                           |
| 40-41 | 0.002038                                       | 96,442                      | 197                                    | 96,343                                       | 3,807,187  | 39.5                           |
| 41-42 | 0.002207                                       | 96,245                      | 212                                    | 96,139                                       | 3,710,844  | 38.6                           |
| 42-43 | 0.002389                                       | 96,033                      | 229                                    | 95,918                                       | 3,614,705  | 37.6                           |
| 43-44 | 0.002593                                       | 95,803                      | 248                                    | 95,679                                       | 3,518,787  | 36.7                           |
| 44-45 | 0.002819                                       | 95,555                      | 269                                    | 95,420                                       | 3,423,108  | 35.8                           |
| 45-46 | 0.003064                                       | 95,285                      | 292                                    | 95,139                                       | 3,327,688  | 34.9                           |
| 46-47 | 0.003322                                       | 94,993                      | 316                                    | 94,836                                       | 3,232,548  | 34.0                           |
| 47-48 | 0.003589                                       | 94,678                      | 340                                    | 94,508                                       | 3,137,713  | 33.1                           |
| 48-49 | 0.003863                                       | 94,338                      | 364                                    | 94,156                                       | 3,043,205  | 32.3                           |
| 49-50 | 0.004148                                       | 93,974                      | 390                                    | 93,779                                       | 2,949,049  | 31.4                           |
| 50-51 | 0.004458                                       | 93,584                      | 417                                    | 93,375                                       | 2,855,270  | 30.5                           |
| 51-52 | 0.004800                                       | 93,167                      | 447                                    | 92,943                                       | 2,761,895  | 29.6                           |
| 52-53 | 0.005165                                       | 92,719                      | 479                                    | 92,480                                       | 2,668,952  | 28.8                           |
| 53-54 | 0.005554                                       | 92,241                      | 512                                    | 91,984                                       | 2,576,472  | 27.9                           |
| 54-55 | 0.005971                                       | 91,728                      | 548                                    | 91,454                                       | 2,484,487  | 27.1                           |
| 55-56 | 0.006423                                       | 91,181                      | 586                                    | 90,888                                       | 2,393,033  | 26.2                           |
| 56-57 | 0.006925                                       | 90,595                      | 627                                    | 90,281                                       | 2,302,145  | 25.4                           |
| 57-58 | 0.007496                                       | 89,968                      | 674                                    | 89,630                                       | 2,211,864  | 24.6                           |
| 58-59 | 0.008160                                       | 89,293                      | 729                                    | 88,929                                       | 2,122,234  | 23.8                           |
| 59-60 | 0.008927                                       | 88,565                      | 791                                    | 88,169                                       | 2,033,305  | 23.0                           |
| 60-61 | 0.009827                                       | 87,774                      | 863                                    | 87,343                                       | 1,945,136  | 22.2                           |
| 61-62 | 0.010831                                       | 86,911                      | 941                                    | 86,441                                       | 1,857,793  | 21.4                           |
| 62-63 | 0.011872                                       | 85,970                      | 1021                                   | 85,460                                       | 1,771,352  | 20.6                           |
| 63-64 | 0.012891                                       | 84,949                      | 1095                                   | 84,402                                       | 1,685,892  | 19.8                           |
| 64-65 | 0.013908                                       | 83,854                      | 1166                                   | 83,271                                       | 1,601,490  | 19.1                           |
| 65-66 | 0.015003                                       | 82,688                      | 1241                                   | 82,068                                       | 1,518,219  | 18.4                           |
| 66-67 | 0.016267                                       | 81,448                      | 1325                                   | 80,785                                       | 1,436,151  | 17.6                           |

**Table 1. Life table for the total population: United States, 2003—Con.**

| Age    | Probability of dying between ages $x$ to $x+1$ | Number surviving to age $x$ | Number dying between ages $x$ to $x+1$ | Person-years lived between ages $x$ to $x+1$ | Total number of person-years lived above age $x$ | Expectation of life at age $x$ |
|--------|--|-----------------------------|--|--|--|--------------------------------|
|        | $q(x)$   | $l(x)$                      | $d(x)$                                 | $L(x)$                                       | $T(x)$   | $e(x)$                         |
| 67-68  | 0.017699                                       | 80,123                      | 1418                                   | 79,414                                       | 1,355,366  | 16.9                           |
| 68-69  | 0.019320                                       | 78,705                      | 1521                                   | 77,944                                       | 1,275,953  | 16.2                           |
| 69-70  | 0.021108                                       | 77,184                      | 1629                                   | 76,369                                       | 1,198,008  | 15.5                           |
| 70-71  | 0.022950                                       | 75,555                      | 1734                                   | 74,688                                       | 1,121,639  | 14.8                           |
| 71-72  | 0.024904                                       | 73,821                      | 1838                                   | 72,902                                       | 1,046,951  | 14.2                           |
| 72-73  | 0.027151                                       | 71,982                      | 1954                                   | 71,005                                       | 974,050  | 13.5                           |
| 73-74  | 0.029784                                       | 70,028                      | 2086                                   | 68,985                                       | 903,044  | 12.9                           |
| 74-75  | 0.032753                                       | 67,942                      | 2225                                   | 66,830                                       | 834,059  | 12.3                           |
| 75-76  | 0.035831                                       | 65,717                      | 2355                                   | 64,540                                       | 767,230  | 11.7                           |
| 76-77  | 0.038987                                       | 63,362                      | 2470                                   | 62,127                                       | 702,690  | 11.1                           |
| 77-78  | 0.042503                                       | 60,892                      | 2588                                   | 59,598                                       | 640,563  | 10.5                           |
| 78-79  | 0.046557                                       | 58,304                      | 2714                                   | 56,947                                       | 580,965  | 10.0                           |
| 79-80  | 0.051200                                       | 55,589                      | 2846                                   | 54,166                                       | 524,019  | 9.4                            |
| 80-81  | 0.056335                                       | 52,743                      | 2971                                   | 51,258                                       | 469,853  | 8.9                            |
| 81-82  | 0.061837                                       | 49,772                      | 3078                                   | 48,233                                       | 418,595  | 8.4                            |
| 82-83  | 0.067856                                       | 46,694                      | 3168                                   | 45,110                                       | 370,362  | 7.9                            |
| 83-84  | 0.074504                                       | 43,526                      | 3243                                   | 41,904                                       | 325,252  | 7.5                            |
| 84-85  | 0.081975                                       | 40,283                      | 3302                                   | 38,632                                       | 283,348  | 7.0                            |
| 85-86  | 0.089682                                       | 36,981                      | 3317                                   | 35,322                                       | 244,716  | 6.6                            |
| 86-87  | 0.098031                                       | 33,664                      | 3300                                   | 32,014                                       | 209,394  | 6.2                            |
| 87-88  | 0.107059                                       | 30,364                      | 3251                                   | 28,739                                       | 177,380  | 5.8                            |
| 88-89  | 0.116804                                       | 27,113                      | 3167                                   | 25,530                                       | 148,641  | 5.5                            |
| 89-90  | 0.127300                                       | 23,946                      | 3048                                   | 22,422                                       | 123,111  | 5.1                            |
| 90-91  | 0.138581                                       | 20,898                      | 2896                                   | 19,450                                       | 100,689  | 4.8                            |
| 91-92  | 0.150676                                       | 18,002                      | 2712                                   | 16,646                                       | 81,239   | 4.5                            |
| 92-93  | 0.163611                                       | 15,289                      | 2502                                   | 14,039                                       | 64,594   | 4.2                            |
| 93-94  | 0.177408                                       | 12,788                      | 2269                                   | 11,654                                       | 50,555   | 4.0                            |
| 94-95  | 0.192080                                       | 10,519                      | 2021                                   | 9,509  | 38,901   | 3.7                            |
| 95-96  | 0.207636                                       | 8,499                       | 1765                                   | 7,616  | 29,392   | 3.5                            |
| 96-97  | 0.224075                                       | 6,734                       | 1509                                   | 5,980  | 21,776   | 3.2                            |
| 97-98  | 0.241387                                       | 5,225                       | 1261                                   | 4,594  | 15,796   | 3.0                            |
| 98-99  | 0.259552                                       | 3,964                       | 1029                                   | 3,449  | 11,202   | 2.8                            |
| 99-100 | 0.278539                                       | 2,935                       | 818                                    | 2,526  | 7,752  | 2.6                            |
| 100+   | 1.00000  | 2,118                       | 2118                                   | 5,226  | 5,226  | 2.5                            |

**Table 2. Life table for males: United States, 2003**

| Age   | Probability of dying between ages $x$ to $x+1$ | Number surviving to age $x$ | Number dying between ages $x$ to $x+1$ | Person-years lived between ages $x$ to $x+1$ | Total number of person-years lived above age $x$ | Expectation of life at age $x$ |
|-------|--|-----------------------------|--|--|--|--------------------------------|
|       | $q(x)$   | $l(x)$                      | $d(x)$                                 | $L(x)$                                       | $T(x)$   | $e(x)$                         |
| 0-1   | 0.007611                                       | 100,000                     | 761                                    | 99,329                                       | 7,473,674  | 74.7                           |
| 1-2   | 0.000522                                       | 99,239                      | 52                                     | 99,213                                       | 7,374,345  | 74.3                           |
| 2-3   | 0.000371                                       | 99,187                      | 37                                     | 99,169                                       | 7,275,132  | 73.3                           |
| 3-4   | 0.000288                                       | 99,150                      | 29                                     | 99,136                                       | 7,175,963  | 72.4                           |
| 4-5   | 0.000215                                       | 99,122                      | 21                                     | 99,111                                       | 7,076,827  | 71.4                           |
| 5-6   | 0.000196                                       | 99,100                      | 19                                     | 99,091                                       | 6,977,716  | 70.4                           |
| 6-7   | 0.000179                                       | 99,081                      | 18                                     | 99,072                                       | 6,878,625  | 69.4                           |
| 7-8   | 0.000165                                       | 99,063                      | 16                                     | 99,055                                       | 6,779,553  | 68.4                           |
| 8-9   | 0.000147                                       | 99,047                      | 15                                     | 99,040                                       | 6,680,498  | 67.4                           |
| 9-10  | 0.000126                                       | 99,032                      | 12                                     | 99,026                                       | 6,581,458  | 66.5                           |
| 10-11 | 0.000113                                       | 99,020                      | 11                                     | 99,014                                       | 6,482,432  | 65.5                           |
| 11-12 | 0.000125                                       | 99,009                      | 12                                     | 99,003                                       | 6,383,418  | 64.5                           |
| 12-13 | 0.000180                                       | 98,996                      | 18                                     | 98,987                                       | 6,284,415  | 63.5                           |
| 13-14 | 0.000291                                       | 98,979                      | 29                                     | 98,964                                       | 6,185,428  | 62.5                           |
| 14-15 | 0.000445                                       | 98,950                      | 44                                     | 98,928                                       | 6,086,464  | 61.5                           |
| 15-16 | 0.000618                                       | 98,906                      | 61                                     | 98,875                                       | 5,987,536  | 60.5                           |
| 16-17 | 0.000787                                       | 98,845                      | 78                                     | 98,806                                       | 5,888,661  | 59.6                           |
| 17-18 | 0.000946                                       | 98,767                      | 93                                     | 98,720                                       | 5,789,855  | 58.6                           |
| 18-19 | 0.001079                                       | 98,673                      | 106                                    | 98,620                                       | 5,691,135  | 57.7                           |
| 19-20 | 0.001186                                       | 98,567                      | 117                                    | 98,508                                       | 5,592,515  | 56.7                           |
| 20-21 | 0.001293                                       | 98,450                      | 127                                    | 98,386                                       | 5,494,007  | 55.8                           |
| 21-22 | 0.001392                                       | 98,323                      | 137                                    | 98,254                                       | 5,395,621  | 54.9                           |
| 22-23 | 0.001449                                       | 98,186                      | 142                                    | 98,115                                       | 5,297,366  | 54.0                           |
| 23-24 | 0.001456                                       | 98,044                      | 143                                    | 97,972                                       | 5,199,252  | 53.0                           |
| 24-25 | 0.001424                                       | 97,901                      | 139                                    | 97,831                                       | 5,101,279  | 52.1                           |
| 25-26 | 0.001376                                       | 97,761                      | 135                                    | 97,694                                       | 5,003,448  | 51.2                           |
| 26-27 | 0.001334                                       | 97,627                      | 130                                    | 97,562                                       | 4,905,754  | 50.3                           |
| 27-28 | 0.001308                                       | 97,497                      | 128                                    | 97,433                                       | 4,808,192  | 49.3                           |
| 28-29 | 0.001311                                       | 97,369                      | 128                                    | 97,305                                       | 4,710,759  | 48.4                           |
| 29-30 | 0.001339                                       | 97,241                      | 130                                    | 97,176                                       | 4,613,454  | 47.4                           |
| 30-31 | 0.001377                                       | 97,111                      | 134                                    | 97,044                                       | 4,516,278  | 46.5                           |
| 31-32 | 0.001417                                       | 96,978                      | 137                                    | 96,909                                       | 4,419,233  | 45.6                           |
| 32-33 | 0.001471                                       | 96,840                      | 142                                    | 96,769                                       | 4,322,325  | 44.6                           |
| 33-34 | 0.001541                                       | 96,698                      | 149                                    | 96,623                                       | 4,225,556  | 43.7                           |
| 34-35 | 0.001628                                       | 96,549                      | 157                                    | 96,470                                       | 4,128,933  | 42.8                           |
| 35-36 | 0.001729                                       | 96,391                      | 167                                    | 96,308                                       | 4,032,463  | 41.8                           |
| 36-37 | 0.001848                                       | 96,225                      | 178                                    | 96,136                                       | 3,936,155  | 40.9                           |
| 37-38 | 0.001995                                       | 96,047                      | 192                                    | 95,951                                       | 3,840,019  | 40.0                           |
| 38-39 | 0.002171                                       | 95,855                      | 208                                    | 95,751                                       | 3,744,068  | 39.1                           |
| 39-40 | 0.002365                                       | 95,647                      | 226                                    | 95,534                                       | 3,648,317  | 38.1                           |
| 40-41 | 0.002566                                       | 95,421                      | 245                                    | 95,299                                       | 3,552,783  | 37.2                           |
| 41-42 | 0.002775                                       | 95,176                      | 264                                    | 95,044                                       | 3,457,484  | 36.3                           |
| 42-43 | 0.003006                                       | 94,912                      | 285                                    | 94,769                                       | 3,362,440  | 35.4                           |
| 43-44 | 0.003270                                       | 94,627                      | 309                                    | 94,472                                       | 3,267,671  | 34.5                           |
| 44-45 | 0.003566                                       | 94,317                      | 336                                    | 94,149                                       | 3,173,199  | 33.6                           |
| 45-46 | 0.003889                                       | 93,981                      | 365                                    | 93,798                                       | 3,079,050  | 32.8                           |
| 46-47 | 0.004225                                       | 93,615                      | 396                                    | 93,418                                       | 2,985,251  | 31.9                           |
| 47-48 | 0.004575                                       | 93,220                      | 426                                    | 93,007                                       | 2,891,834  | 31.0                           |
| 48-49 | 0.004932                                       | 92,793                      | 458                                    | 92,565                                       | 2,798,827  | 30.2                           |
| 49-50 | 0.005303                                       | 92,336                      | 490                                    | 92,091                                       | 2,706,263  | 29.3                           |
| 50-51 | 0.005708                                       | 91,846                      | 524                                    | 91,584                                       | 2,614,172  | 28.5                           |
| 51-52 | 0.006148                                       | 91,322                      | 561                                    | 91,041                                       | 2,522,588  | 27.6                           |
| 52-53 | 0.006606                                       | 90,760                      | 600                                    | 90,461                                       | 2,431,547  | 26.8                           |
| 53-54 | 0.007074                                       | 90,161                      | 638                                    | 89,842                                       | 2,341,086  | 26.0                           |
| 54-55 | 0.007561                                       | 89,523                      | 677                                    | 89,185                                       | 2,251,244  | 25.1                           |
| 55-56 | 0.008082                                       | 88,846                      | 718                                    | 88,487                                       | 2,162,060  | 24.3                           |
| 56-57 | 0.008662                                       | 88,128                      | 763                                    | 87,746                                       | 2,073,573  | 23.5                           |
| 57-58 | 0.009332                                       | 87,365                      | 815                                    | 86,957                                       | 1,985,826  | 22.7                           |
| 58-59 | 0.010128                                       | 86,549                      | 877                                    | 86,111                                       | 1,898,869  | 21.9                           |
| 59-60 | 0.011061                                       | 85,673                      | 948                                    | 85,199                                       | 1,812,758  | 21.2                           |
| 60-61 | 0.012157                                       | 84,725                      | 1,030                                  | 84,210                                       | 1,727,559  | 20.4                           |
| 61-62 | 0.013379                                       | 83,695                      | 1,120                                  | 83,135                                       | 1,643,349  | 19.6                           |
| 62-63 | 0.014658                                       | 82,575                      | 1,210                                  | 81,970                                       | 1,560,213  | 18.9                           |
| 63-64 | 0.015922                                       | 81,365                      | 1,295                                  | 80,717                                       | 1,478,243  | 18.2                           |
| 64-65 | 0.017186                                       | 80,070                      | 1,376                                  | 79,382                                       | 1,397,526  | 17.5                           |
| 65-66 | 0.018538                                       | 78,694                      | 1,459                                  | 77,964                                       | 1,318,144  | 16.8                           |
| 66-67 | 0.020089                                       | 77,235                      | 1,552                                  | 76,459                                       | 1,240,180  | 16.1                           |

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|--------|--|-----------------------------|--|--|--|--------------------------------|
|        | $q(x)$   | $l(x)$                      | $d(x)$                                 | $L(x)$                                       | $T(x)$   | $e(x)$                         |
| 67-68  | 0.021847                                       | 75,683                      | 1,653                                  | 74,856                                       | 1,163,721  | 15.4                           |
| 68-69  | 0.023845                                       | 74,030                      | 1,765                                  | 73,147                                       | 1,088,865  | 14.7                           |
| 69-70  | 0.026053                                       | 72,265                      | 1,883                                  | 71,323                                       | 1,015,718  | 14.1                           |
| 70-71  | 0.028315                                       | 70,382                      | 1,993                                  | 69,385                                       | 944,394  | 13.4                           |
| 71-72  | 0.030693                                       | 68,389                      | 2,099                                  | 67,339                                       | 875,009  | 12.8                           |
| 72-73  | 0.033440                                       | 66,290                      | 2,217                                  | 65,181                                       | 807,670  | 12.2                           |
| 73-74  | 0.036693                                       | 64,073                      | 2,351                                  | 62,898                                       | 742,488  | 11.6                           |
| 74-75  | 0.040399                                       | 61,722                      | 2,493                                  | 60,475                                       | 679,591  | 11.0                           |
| 75-76  | 0.044294                                       | 59,229                      | 2,623                                  | 57,917                                       | 619,115  | 10.5                           |
| 76-77  | 0.048274                                       | 56,605                      | 2,733                                  | 55,239                                       | 561,198  | 9.9                            |
| 77-78  | 0.052603                                       | 53,873                      | 2,834                                  | 52,456                                       | 505,960  | 9.4                            |
| 78-79  | 0.057451                                       | 51,039                      | 2,932                                  | 49,573                                       | 453,504  | 8.9                            |
| 79-80  | 0.062909                                       | 48,106                      | 3,026                                  | 46,593                                       | 403,931  | 8.4                            |
| 80-81  | 0.069071                                       | 45,080                      | 3,114                                  | 43,523                                       | 357,338  | 7.9                            |
| 81-82  | 0.075759                                       | 41,966                      | 3,179                                  | 40,377                                       | 313,815  | 7.5                            |
| 82-83  | 0.082842                                       | 38,787                      | 3,213                                  | 37,181                                       | 273,438  | 7.0                            |
| 83-84  | 0.090223                                       | 35,574                      | 3,210                                  | 33,969                                       | 236,257  | 6.6                            |
| 84-85  | 0.098137                                       | 32,364                      | 3,176                                  | 30,776                                       | 202,288  | 6.3                            |
| 85-86  | 0.106994                                       | 29,188                      | 3,123                                  | 27,627                                       | 171,512  | 5.9                            |
| 86-87  | 0.116538                                       | 26,065                      | 3,038                                  | 24,546                                       | 143,885  | 5.5                            |
| 87-88  | 0.126802                                       | 23,028                      | 2,920                                  | 21,568                                       | 119,339  | 5.2                            |
| 88-89  | 0.137815                                       | 20,108                      | 2,771                                  | 18,722                                       | 97,771   | 4.9                            |
| 89-90  | 0.149607                                       | 17,337                      | 2,594                                  | 16,040                                       | 79,049   | 4.6                            |
| 90-91  | 0.162199                                       | 14,743                      | 2,391                                  | 13,547                                       | 63,010   | 4.3                            |
| 91-92  | 0.175613                                       | 12,352                      | 2,169                                  | 11,267                                       | 49,462   | 4.0                            |
| 92-93  | 0.189860                                       | 10,182                      | 1,933                                  | 9,216  | 38,195   | 3.8                            |
| 93-94  | 0.204947                                       | 8,249                       | 1,691                                  | 7,404  | 28,979   | 3.5                            |
| 94-95  | 0.220874                                       | 6,559                       | 1,449                                  | 5,834  | 21,575   | 3.3                            |
| 95-96  | 0.237632                                       | 5,110                       | 1,214                                  | 4,503  | 15,741   | 3.1                            |
| 96-97  | 0.255201                                       | 3,896                       | 994                                    | 3,399  | 11,238   | 2.9                            |
| 97-98  | 0.273553                                       | 2,901                       | 794                                    | 2,505  | 7,840  | 2.7                            |
| 98-99  | 0.292650                                       | 2,108                       | 617                                    | 1,799  | 5,335  | 2.5                            |
| 99-100 | 0.312443                                       | 1,491                       | 466                                    | 1,258  | 3,536  | 2.4                            |
| 100+   | 1.00000  | 1,025                       | 1,025                                  | 2,278  | 2,278  | 2.2                            |

**Table 3. Life table for females: United States, 2003**

| Age   | Probability of dying between ages $x$ to $x+1$ | Number surviving to age $x$ | Number dying between ages $x$ to $x+1$ | Person-years lived between ages $x$ to $x+1$ | Total number of person-years lived above age $x$ | Expectation of life at age $x$ |
|-------|--|-----------------------------|--|--|--|--------------------------------|
|       | $q(x)$   | $l(x)$                      | $d(x)$                                 | $L(x)$                                       | $T(x)$   | $e(x)$                         |
| 0-1   | 0.006083                                       | 100,000                     | 608                                    | 99,460                                       | 8,001,484  | 80.0                           |
| 1-2   | 0.000414                                       | 99,392                      | 41                                     | 99,371                                       | 7,902,023  | 79.5                           |
| 2-3   | 0.000301                                       | 99,351                      | 30                                     | 99,336                                       | 7,802,652  | 78.5                           |
| 3-4   | 0.000218                                       | 99,321                      | 22                                     | 99,310                                       | 7,703,317  | 77.6                           |
| 4-5   | 0.000172                                       | 99,299                      | 17                                     | 99,290                                       | 7,604,007  | 76.6                           |
| 5-6   | 0.000158                                       | 99,282                      | 16                                     | 99,274                                       | 7,504,716  | 75.6                           |
| 6-7   | 0.000141                                       | 99,266                      | 14                                     | 99,259                                       | 7,405,442  | 74.6                           |
| 7-8   | 0.000128                                       | 99,252                      | 13                                     | 99,246                                       | 7,306,183  | 73.6                           |
| 8-9   | 0.000117                                       | 99,240                      | 12                                     | 99,234                                       | 7,206,937  | 72.6                           |
| 9-10  | 0.000108                                       | 99,228                      | 11                                     | 99,223                                       | 7,107,703  | 71.6                           |
| 10-11 | 0.000105                                       | 99,217                      | 10                                     | 99,212                                       | 7,008,481  | 70.6                           |
| 11-12 | 0.000110                                       | 99,207                      | 11                                     | 99,201                                       | 6,909,269  | 69.6                           |
| 12-13 | 0.000132                                       | 99,196                      | 13                                     | 99,189                                       | 6,810,067  | 68.7                           |
| 13-14 | 0.000173                                       | 99,183                      | 17                                     | 99,174                                       | 6,710,878  | 67.7                           |
| 14-15 | 0.000228                                       | 99,166                      | 23                                     | 99,154                                       | 6,611,704  | 66.7                           |
| 15-16 | 0.000293                                       | 99,143                      | 29                                     | 99,129                                       | 6,512,549  | 65.7                           |
| 16-17 | 0.000356                                       | 99,114                      | 35                                     | 99,096                                       | 6,413,421  | 64.7                           |
| 17-18 | 0.000408                                       | 99,079                      | 40                                     | 99,059                                       | 6,314,324  | 63.7                           |
| 18-19 | 0.000440                                       | 99,038                      | 44                                     | 99,017                                       | 6,215,266  | 62.8                           |
| 19-20 | 0.000457                                       | 98,995                      | 45                                     | 98,972                                       | 6,116,249  | 61.8                           |
| 20-21 | 0.000472                                       | 98,949                      | 47                                     | 98,926                                       | 6,017,277  | 60.8                           |
| 21-22 | 0.000489                                       | 98,903                      | 48                                     | 98,879                                       | 5,918,351  | 59.8                           |
| 22-23 | 0.000502                                       | 98,854                      | 50                                     | 98,830                                       | 5,819,473  | 58.9                           |
| 23-24 | 0.000510                                       | 98,805                      | 50                                     | 98,780                                       | 5,720,643  | 57.9                           |
| 24-25 | 0.000516                                       | 98,754                      | 51                                     | 98,729                                       | 5,621,863  | 56.9                           |
| 25-26 | 0.000522                                       | 98,703                      | 52                                     | 98,678                                       | 5,523,134  | 56.0                           |
| 26-27 | 0.000533                                       | 98,652                      | 53                                     | 98,626                                       | 5,424,457  | 55.0                           |
| 27-28 | 0.000548                                       | 98,599                      | 54                                     | 98,572                                       | 5,325,831  | 54.0                           |
| 28-29 | 0.000570                                       | 98,545                      | 56                                     | 98,517                                       | 5,227,259  | 53.0                           |
| 29-30 | 0.000597                                       | 98,489                      | 59                                     | 98,460                                       | 5,128,742  | 52.1                           |
| 30-31 | 0.000629                                       | 98,430                      | 62                                     | 98,399                                       | 5,030,282  | 51.1                           |
| 31-32 | 0.000667                                       | 98,368                      | 66                                     | 98,336                                       | 4,931,882  | 50.1                           |
| 32-33 | 0.000716                                       | 98,303                      | 70                                     | 98,268                                       | 4,833,547  | 49.2                           |
| 33-34 | 0.000778                                       | 98,233                      | 76                                     | 98,194                                       | 4,735,279  | 48.2                           |
| 34-35 | 0.000854                                       | 98,156                      | 84                                     | 98,114                                       | 4,637,085  | 47.2                           |
| 35-36 | 0.000938                                       | 98,072                      | 92                                     | 98,026                                       | 4,538,970  | 46.3                           |
| 36-37 | 0.001031                                       | 97,980                      | 101                                    | 97,930                                       | 4,440,944  | 45.3                           |
| 37-38 | 0.001137                                       | 97,879                      | 111                                    | 97,824                                       | 4,343,014  | 44.4                           |
| 38-39 | 0.001256                                       | 97,768                      | 123                                    | 97,707                                       | 4,245,191  | 43.4                           |
| 39-40 | 0.001383                                       | 97,645                      | 135                                    | 97,578                                       | 4,147,484  | 42.5                           |
| 40-41 | 0.001512                                       | 97,510                      | 147                                    | 97,436                                       | 4,049,907  | 41.5                           |
| 41-42 | 0.001644                                       | 97,363                      | 160                                    | 97,283                                       | 3,952,470  | 40.6                           |
| 42-43 | 0.001780                                       | 97,203                      | 173                                    | 97,116                                       | 3,855,188  | 39.7                           |
| 43-44 | 0.001926                                       | 97,029                      | 187                                    | 96,936                                       | 3,758,072  | 38.7                           |
| 44-45 | 0.002084                                       | 96,843                      | 202                                    | 96,742                                       | 3,661,136  | 37.8                           |
| 45-46 | 0.002257                                       | 96,641                      | 218                                    | 96,532                                       | 3,564,394  | 36.9                           |
| 46-47 | 0.002439                                       | 96,423                      | 235                                    | 96,305                                       | 3,467,862  | 36.0                           |
| 47-48 | 0.002629                                       | 96,187                      | 253                                    | 96,061                                       | 3,371,557  | 35.1                           |
| 48-49 | 0.002824                                       | 95,935                      | 271                                    | 95,799                                       | 3,275,496  | 34.1                           |
| 49-50 | 0.003030                                       | 95,664                      | 290                                    | 95,519                                       | 3,179,697  | 33.2                           |
| 50-51 | 0.003254                                       | 95,374                      | 310                                    | 95,219                                       | 3,084,179  | 32.3                           |
| 51-52 | 0.003504                                       | 95,063                      | 333                                    | 94,897                                       | 2,988,960  | 31.4                           |
| 52-53 | 0.003786                                       | 94,730                      | 359                                    | 94,551                                       | 2,894,063  | 30.6                           |
| 53-54 | 0.004102                                       | 94,372                      | 387                                    | 94,178                                       | 2,799,512  | 29.7                           |
| 54-55 | 0.004456                                       | 93,984                      | 419                                    | 93,775                                       | 2,705,334  | 28.8                           |
| 55-56 | 0.004847                                       | 93,566                      | 454                                    | 93,339                                       | 2,611,559  | 27.9                           |
| 56-57 | 0.005278                                       | 93,112                      | 491                                    | 92,866                                       | 2,518,221  | 27.0                           |
| 57-58 | 0.005762                                       | 92,621                      | 534                                    | 92,354                                       | 2,425,354  | 26.2                           |
| 58-59 | 0.006311                                       | 92,087                      | 581                                    | 91,796                                       | 2,333,000  | 25.3                           |
| 59-60 | 0.006935                                       | 91,506                      | 635                                    | 91,189                                       | 2,241,204  | 24.5                           |
| 60-61 | 0.007669                                       | 90,871                      | 697                                    | 90,523                                       | 2,150,015  | 23.7                           |
| 61-62 | 0.008492                                       | 90,174                      | 766                                    | 89,792                                       | 2,059,492  | 22.8                           |
| 62-63 | 0.009338                                       | 89,409                      | 835                                    | 88,991                                       | 1,969,701  | 22.0                           |
| 63-64 | 0.010156                                       | 88,574                      | 900                                    | 88,124                                       | 1,880,710  | 21.2                           |
| 64-65 | 0.010972                                       | 87,674                      | 962                                    | 87,193                                       | 1,792,585  | 20.4                           |
| 65-66 | 0.011861                                       | 86,712                      | 1,028                                  | 86,198                                       | 1,705,392  | 19.7                           |
| 66-67 | 0.012902                                       | 85,684                      | 1,105                                  | 85,131                                       | 1,619,194  | 18.9                           |

Table 3. Life table for females: United States, 2003—Con.

| Age    | Probability of dying between ages $x$ to $x+1$ | Number surviving to age $x$ | Number dying between ages $x$ to $x+1$ | Person-years lived between ages $x$ to $x+1$ | Total number of person-years lived above age $x$ | Expectation of life at age $x$ |
|--------|--|-----------------------------|--|--|--|--------------------------------|
|        | $q(x)$   | $l(x)$                      | $d(x)$                                 | $L(x)$                                       | $T(x)$   | $e(x)$                         |
| 67-68  | 0.014086                                       | 84,578                      | 1,191                                  | 83,983                                       | 1,534,063  | 18.1                           |
| 68-69  | 0.015429                                       | 83,387                      | 1,287                                  | 82,744                                       | 1,450,080  | 17.4                           |
| 69-70  | 0.016916                                       | 82,100                      | 1,389                                  | 81,406                                       | 1,367,337  | 16.7                           |
| 70-71  | 0.018468                                       | 80,712                      | 1,491                                  | 79,966                                       | 1,285,931  | 15.9                           |
| 71-72  | 0.020140                                       | 79,221                      | 1,595                                  | 78,423                                       | 1,205,965  | 15.2                           |
| 72-73  | 0.022067                                       | 77,625                      | 1,713                                  | 76,769                                       | 1,127,541  | 14.5                           |
| 73-74  | 0.024315                                       | 75,913                      | 1,846                                  | 74,990                                       | 1,050,772  | 13.8                           |
| 74-75  | 0.026843                                       | 74,067                      | 1,988                                  | 73,073                                       | 975,783  | 13.2                           |
| 75-76  | 0.029448                                       | 72,078                      | 2,123                                  | 71,017                                       | 902,710  | 12.5                           |
| 76-77  | 0.032155                                       | 69,956                      | 2,249                                  | 68,831                                       | 831,693  | 11.9                           |
| 77-78  | 0.035257                                       | 67,706                      | 2,387                                  | 66,513                                       | 762,862  | 11.3                           |
| 78-79  | 0.038947                                       | 65,319                      | 2,544                                  | 64,047                                       | 696,349  | 10.7                           |
| 79-80  | 0.043250                                       | 62,775                      | 2,715                                  | 61,418                                       | 632,302  | 10.1                           |
| 80-81  | 0.047952                                       | 60,060                      | 2,880                                  | 58,620                                       | 570,884  | 9.5                            |
| 81-82  | 0.052970                                       | 57,180                      | 3,029                                  | 55,666                                       | 512,264  | 9.0                            |
| 82-83  | 0.058629                                       | 54,151                      | 3,175                                  | 52,564                                       | 456,598  | 8.4                            |
| 83-84  | 0.065153                                       | 50,977                      | 3,321                                  | 49,316                                       | 404,034  | 7.9                            |
| 84-85  | 0.072705                                       | 47,655                      | 3,465                                  | 45,923                                       | 354,718  | 7.4                            |
| 85-86  | 0.080141                                       | 44,191                      | 3,541                                  | 42,420                                       | 308,795  | 7.0                            |
| 86-87  | 0.088261                                       | 40,649                      | 3,588                                  | 38,855                                       | 266,375  | 6.6                            |
| 87-88  | 0.097113                                       | 37,061                      | 3,599                                  | 35,262                                       | 227,520  | 6.1                            |
| 88-89  | 0.106742                                       | 33,462                      | 3,572                                  | 31,676                                       | 192,258  | 5.7                            |
| 89-90  | 0.117194                                       | 29,890                      | 3,503                                  | 28,139                                       | 160,582  | 5.4                            |
| 90-91  | 0.128514                                       | 26,387                      | 3,391                                  | 24,692                                       | 132,443  | 5.0                            |
| 91-92  | 0.140742                                       | 22,996                      | 3,237                                  | 21,378                                       | 107,751  | 4.7                            |
| 92-93  | 0.153916                                       | 19,760                      | 3,041                                  | 18,239                                       | 86,373   | 4.4                            |
| 93-94  | 0.168066                                       | 16,718                      | 2,810                                  | 15,314                                       | 68,134   | 4.1                            |
| 94-95  | 0.183218                                       | 13,909                      | 2,548                                  | 12,634                                       | 52,820   | 3.8                            |
| 95-96  | 0.199387                                       | 11,360                      | 2,265                                  | 10,228                                       | 40,186   | 3.5                            |
| 96-97  | 0.216580                                       | 9,095                       | 1,970                                  | 8,110  | 29,958   | 3.3                            |
| 97-98  | 0.234792                                       | 7,125                       | 1,673                                  | 6,289  | 21,848   | 3.1                            |
| 98-99  | 0.254004                                       | 5,452                       | 1,385                                  | 4,760  | 15,559   | 2.9                            |
| 99-100 | 0.274185                                       | 4,067                       | 1,115                                  | 3,510  | 10,799   | 2.7                            |
| 100+   | 1.00000  | 2,952                       | 2,952                                  | 7,289  | 7,289  | 2.5                            |