

Department of Statistics, MOI: **Abridged life table of Taiwan, 2017. Total and regions.**  
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*Notes:*

Complete life tables are calculated based on abridged life tables applying the interpolation method described in **Kay Huan Lin (1979): Vital Statistics. Commissioner of the National Committee on Life Tables; Ministry of Interior, Republic of China.**

Regional life tables are calculated by three year period data. For instance, 2017 life table is calculated with data corresponding to the period 2015-2017, the 2016 is built with the 2014-2016 data and so on.

**Table 21. Abridged life table: Chiayi City**  
2017

| Age<br>X | Probability<br>of death<br>$q_x$ | Number of<br>survivors<br>$l_x$ | Numbers of<br>death<br>$d_x$ | Stationary population |         | Life<br>expectancy<br>$e^o_x$ |
|----------|----------------------------------|---------------------------------|------------------------------|-----------------------|---------|-------------------------------|
|          |                                  |                                 |                              | $L_x$                 | $T_x$   |                               |
| 0M       | 0.00207                          | 100000                          | 207                          | 8325                  | 7990969 | 79.91                         |
| 1M       | 0.00028                          | 99793                           | 28                           | 8315                  | 7982645 | 79.99                         |
| 2M       | 0.00020                          | 99764                           | 20                           | 8313                  | 7974330 | 79.93                         |
| 3M       | 0.00040                          | 99745                           | 39                           | 24931                 | 7966017 | 79.86                         |
| 6M       | 0.00034                          | 99705                           | 34                           | 49844                 | 7941085 | 79.65                         |
| 0        | 0.00328                          | 100000                          | 328                          | 99728                 | 7990969 | 79.91                         |
| 1        | 0.00044                          | 99672                           | 44                           | 99650                 | 7891241 | 79.17                         |
| 2        | 0.00027                          | 99627                           | 27                           | 99614                 | 7791592 | 78.21                         |
| 3        | 0.00016                          | 99601                           | 16                           | 99593                 | 7691977 | 77.23                         |
| 4        | 0.00011                          | 99585                           | 11                           | 99580                 | 7592385 | 76.24                         |
| 5        | 0.00009                          | 99574                           | 9                            | 99570                 | 7492805 | 75.25                         |
| 6        | 0.00007                          | 99566                           | 7                            | 99562                 | 7393235 | 74.25                         |
| 7        | 0.00005                          | 99558                           | 5                            | 99556                 | 7293673 | 73.26                         |
| 8        | 0.00003                          | 99554                           | 3                            | 99552                 | 7194117 | 72.26                         |
| 9        | 0.00002                          | 99551                           | 2                            | 99550                 | 7094565 | 71.27                         |
| 10       | 0.00002                          | 99549                           | 2                            | 99548                 | 6995015 | 70.27                         |
| 11       | 0.00003                          | 99547                           | 3                            | 99545                 | 6895467 | 69.27                         |
| 12       | 0.00005                          | 99544                           | 5                            | 99541                 | 6795922 | 68.27                         |
| 13       | 0.00008                          | 99538                           | 8                            | 99534                 | 6696381 | 67.27                         |
| 14       | 0.00012                          | 99530                           | 12                           | 99524                 | 6596847 | 66.28                         |
| 15       | 0.00017                          | 99518                           | 17                           | 99509                 | 6497323 | 65.29                         |
| 16       | 0.00023                          | 99500                           | 22                           | 99489                 | 6397814 | 64.30                         |
| 17       | 0.00029                          | 99478                           | 29                           | 99464                 | 6298325 | 63.31                         |
| 18       | 0.00036                          | 99449                           | 36                           | 99431                 | 6198861 | 62.33                         |
| 19       | 0.00045                          | 99413                           | 45                           | 99391                 | 6099430 | 61.35                         |
| 20       | 0.00053                          | 99368                           | 53                           | 99342                 | 6000039 | 60.38                         |
| 21       | 0.00059                          | 99316                           | 59                           | 99287                 | 5900697 | 59.41                         |
| 22       | 0.00062                          | 99257                           | 61                           | 99226                 | 5801410 | 58.45                         |
| 23       | 0.00061                          | 99196                           | 60                           | 99166                 | 5702184 | 57.48                         |
| 24       | 0.00056                          | 99136                           | 56                           | 99108                 | 5603018 | 56.52                         |
| 25       | 0.00050                          | 99080                           | 50                           | 99055                 | 5503910 | 55.55                         |
| 26       | 0.00045                          | 99030                           | 45                           | 99007                 | 5404855 | 54.58                         |
| 27       | 0.00043                          | 98985                           | 43                           | 98964                 | 5305848 | 53.60                         |
| 28       | 0.00044                          | 98942                           | 43                           | 98921                 | 5206884 | 52.63                         |
| 29       | 0.00048                          | 98899                           | 47                           | 98875                 | 5107964 | 51.65                         |
| 30       | 0.00053                          | 98852                           | 53                           | 98825                 | 5009089 | 50.67                         |
| 31       | 0.00061                          | 98799                           | 60                           | 98769                 | 4910263 | 49.70                         |
| 32       | 0.00070                          | 98739                           | 69                           | 98704                 | 4811494 | 48.73                         |
| 33       | 0.00082                          | 98670                           | 81                           | 98629                 | 4712790 | 47.76                         |
| 34       | 0.00095                          | 98589                           | 94                           | 98542                 | 4614160 | 46.80                         |
| 35       | 0.00109                          | 98496                           | 108                          | 98442                 | 4515618 | 45.85                         |
| 36       | 0.00124                          | 98388                           | 122                          | 98327                 | 4417176 | 44.90                         |
| 37       | 0.00137                          | 98266                           | 135                          | 98198                 | 4318849 | 43.95                         |
| 38       | 0.00149                          | 98131                           | 146                          | 98058                 | 4220651 | 43.01                         |
| 39       | 0.00160                          | 97984                           | 157                          | 97906                 | 4122593 | 42.07                         |

**Table 21. Abridged life table: Chiayi City(cont. 1)**

2017

| Age<br>X | Probability<br>of death<br>$q_x$ | Number of<br>survivors<br>$l_x$ | Numbers of<br>death<br>$d_x$ | Stationary population |         | Life<br>expectancy<br>$e^o_x$ |
|----------|----------------------------------|---------------------------------|------------------------------|-----------------------|---------|-------------------------------|
|          |                                  |                                 |                              | $L_x$                 | $T_x$   |                               |
| 40       | 0.00171                          | 97827                           | 167                          | 97744                 | 4024688 | 41.14                         |
| 41       | 0.00183                          | 97660                           | 178                          | 97571                 | 3926944 | 40.21                         |
| 42       | 0.00197                          | 97482                           | 192                          | 97386                 | 3829372 | 39.28                         |
| 43       | 0.00214                          | 97290                           | 208                          | 97186                 | 3731986 | 38.36                         |
| 44       | 0.00233                          | 97082                           | 226                          | 96969                 | 3634800 | 37.44                         |
| 45       | 0.00254                          | 96856                           | 246                          | 96733                 | 3537831 | 36.53                         |
| 46       | 0.00276                          | 96610                           | 267                          | 96476                 | 3441098 | 35.62                         |
| 47       | 0.00298                          | 96343                           | 287                          | 96199                 | 3344622 | 34.72                         |
| 48       | 0.00320                          | 96056                           | 308                          | 95902                 | 3248423 | 33.82                         |
| 49       | 0.00343                          | 95748                           | 329                          | 95583                 | 3152521 | 32.93                         |
| 50       | 0.00367                          | 95419                           | 351                          | 95244                 | 3056938 | 32.04                         |
| 51       | 0.00394                          | 95069                           | 374                          | 94881                 | 2961694 | 31.15                         |
| 52       | 0.00423                          | 94694                           | 401                          | 94494                 | 2866812 | 30.27                         |
| 53       | 0.00456                          | 94293                           | 430                          | 94079                 | 2772319 | 29.40                         |
| 54       | 0.00492                          | 93864                           | 462                          | 93633                 | 2678240 | 28.53                         |
| 55       | 0.00531                          | 93402                           | 496                          | 93154                 | 2584607 | 27.67                         |
| 56       | 0.00574                          | 92906                           | 534                          | 92639                 | 2491453 | 26.82                         |
| 57       | 0.00621                          | 92372                           | 574                          | 92086                 | 2398814 | 25.97                         |
| 58       | 0.00672                          | 91799                           | 617                          | 91490                 | 2306728 | 25.13                         |
| 59       | 0.00728                          | 91181                           | 664                          | 90849                 | 2215238 | 24.29                         |
| 60       | 0.00786                          | 90517                           | 712                          | 90162                 | 2124389 | 23.47                         |
| 61       | 0.00850                          | 89806                           | 764                          | 89424                 | 2034227 | 22.65                         |
| 62       | 0.00922                          | 89042                           | 821                          | 88631                 | 1944804 | 21.84                         |
| 63       | 0.01004                          | 88221                           | 886                          | 87778                 | 1856172 | 21.04                         |
| 64       | 0.01096                          | 87335                           | 957                          | 86856                 | 1768395 | 20.25                         |
| 65       | 0.01197                          | 86378                           | 1034                         | 85861                 | 1681538 | 19.47                         |
| 66       | 0.01305                          | 85344                           | 1114                         | 84787                 | 1595678 | 18.70                         |
| 67       | 0.01422                          | 84230                           | 1198                         | 83631                 | 1510891 | 17.94                         |
| 68       | 0.01548                          | 83032                           | 1285                         | 82390                 | 1427260 | 17.19                         |
| 69       | 0.01690                          | 81747                           | 1381                         | 81056                 | 1344870 | 16.45                         |
| 70       | 0.01853                          | 80366                           | 1489                         | 79621                 | 1263814 | 15.73                         |
| 71       | 0.02041                          | 78877                           | 1610                         | 78072                 | 1184193 | 15.01                         |
| 72       | 0.02256                          | 77267                           | 1743                         | 76395                 | 1106121 | 14.32                         |
| 73       | 0.02498                          | 75524                           | 1887                         | 74580                 | 1029726 | 13.63                         |
| 74       | 0.02765                          | 73637                           | 2036                         | 72619                 | 955145  | 12.97                         |
| 75       | 0.03052                          | 71601                           | 2185                         | 70509                 | 882526  | 12.33                         |
| 76       | 0.03360                          | 69416                           | 2332                         | 68250                 | 812018  | 11.70                         |
| 77       | 0.03689                          | 67084                           | 2474                         | 65847                 | 743768  | 11.09                         |
| 78       | 0.04049                          | 64609                           | 2616                         | 63301                 | 677921  | 10.49                         |
| 79       | 0.04444                          | 61993                           | 2755                         | 60616                 | 614620  | 9.91                          |
| 80       | 0.04876                          | 59238                           | 2889                         | 57794                 | 554004  | 9.35                          |
| 81       | 0.05349                          | 56350                           | 3014                         | 54843                 | 496210  | 8.81                          |
| 82       | 0.05867                          | 53336                           | 3129                         | 51771                 | 441367  | 8.28                          |
| 83       | 0.06433                          | 50206                           | 3230                         | 48591                 | 389596  | 7.76                          |
| 84       | 0.07052                          | 46976                           | 3313                         | 45320                 | 341005  | 7.26                          |
| 85+      | 1.00000                          | 43664                           | 43664                        | 295685                | 295685  | 6.77                          |

**Table 21. Abridged life table: Chiayi City(cont. 2)**

2017

Male

| Age<br>X | Probability<br>of death<br>$q_x$ | Number of<br>survivors<br>$l_x$ | Numbers of<br>death<br>$d_x$ | Stationary population |         | Life<br>expectancy<br>$e^o_x$ |
|----------|----------------------------------|---------------------------------|------------------------------|-----------------------|---------|-------------------------------|
|          |                                  |                                 |                              | $L_x$                 | $T_x$   |                               |
| 0M       | 0.00214                          | 100000                          | 214                          | 8324                  | 7669397 | 76.69                         |
| 1M       | 0.00026                          | 99786                           | 26                           | 8314                  | 7661072 | 76.78                         |
| 2M       | 0.00021                          | 99759                           | 21                           | 8312                  | 7652758 | 76.71                         |
| 3M       | 0.00038                          | 99739                           | 38                           | 24930                 | 7644446 | 76.64                         |
| 6M       | 0.00035                          | 99701                           | 35                           | 49842                 | 7619516 | 76.42                         |
| 0        | 0.00334                          | 100000                          | 334                          | 99723                 | 7669397 | 76.69                         |
| 1        | 0.00061                          | 99666                           | 61                           | 99635                 | 7569674 | 75.95                         |
| 2        | 0.00030                          | 99604                           | 29                           | 99590                 | 7470039 | 75.00                         |
| 3        | 0.00012                          | 99575                           | 12                           | 99569                 | 7370450 | 74.02                         |
| 4        | 0.00005                          | 99563                           | 4                            | 99561                 | 7270881 | 73.03                         |
| 5        | 0.00004                          | 99559                           | 4                            | 99557                 | 7171320 | 72.03                         |
| 6        | 0.00006                          | 99555                           | 6                            | 99552                 | 7071763 | 71.03                         |
| 7        | 0.00005                          | 99549                           | 5                            | 99546                 | 6972212 | 70.04                         |
| 8        | 0.00004                          | 99544                           | 4                            | 99542                 | 6872665 | 69.04                         |
| 9        | 0.00002                          | 99540                           | 2                            | 99538                 | 6773124 | 68.04                         |
| 10       | 0.00001                          | 99537                           | 1                            | 99537                 | 6673585 | 67.05                         |
| 11       | 0.00000                          | 99537                           | 0                            | 99537                 | 6574048 | 66.05                         |
| 12       | 0.00002                          | 99536                           | 2                            | 99535                 | 6474511 | 65.05                         |
| 13       | 0.00006                          | 99534                           | 6                            | 99531                 | 6374976 | 64.05                         |
| 14       | 0.00013                          | 99528                           | 12                           | 99522                 | 6275445 | 63.05                         |
| 15       | 0.00021                          | 99516                           | 21                           | 99505                 | 6175922 | 62.06                         |
| 16       | 0.00031                          | 99495                           | 31                           | 99480                 | 6076417 | 61.07                         |
| 17       | 0.00042                          | 99464                           | 42                           | 99443                 | 5976937 | 60.09                         |
| 18       | 0.00056                          | 99422                           | 55                           | 99394                 | 5877494 | 59.12                         |
| 19       | 0.00070                          | 99366                           | 70                           | 99332                 | 5778100 | 58.15                         |
| 20       | 0.00084                          | 99297                           | 84                           | 99255                 | 5678769 | 57.19                         |
| 21       | 0.00095                          | 99213                           | 94                           | 99166                 | 5579514 | 56.24                         |
| 22       | 0.00099                          | 99119                           | 98                           | 99069                 | 5480348 | 55.29                         |
| 23       | 0.00096                          | 99020                           | 95                           | 98973                 | 5381279 | 54.35                         |
| 24       | 0.00086                          | 98925                           | 85                           | 98883                 | 5282306 | 53.40                         |
| 25       | 0.00074                          | 98840                           | 73                           | 98804                 | 5183423 | 52.44                         |
| 26       | 0.00064                          | 98767                           | 63                           | 98736                 | 5084619 | 51.48                         |
| 27       | 0.00058                          | 98704                           | 57                           | 98676                 | 4985883 | 50.51                         |
| 28       | 0.00059                          | 98647                           | 58                           | 98618                 | 4887208 | 49.54                         |
| 29       | 0.00065                          | 98589                           | 64                           | 98556                 | 4788590 | 48.57                         |
| 30       | 0.00075                          | 98524                           | 74                           | 98487                 | 4690034 | 47.60                         |
| 31       | 0.00089                          | 98450                           | 88                           | 98406                 | 4591547 | 46.64                         |
| 32       | 0.00105                          | 98362                           | 104                          | 98310                 | 4493141 | 45.68                         |
| 33       | 0.00125                          | 98259                           | 123                          | 98197                 | 4394830 | 44.73                         |
| 34       | 0.00147                          | 98136                           | 144                          | 98064                 | 4296633 | 43.78                         |
| 35       | 0.00171                          | 97992                           | 168                          | 97908                 | 4198569 | 42.85                         |
| 36       | 0.00196                          | 97824                           | 191                          | 97728                 | 4100661 | 41.92                         |
| 37       | 0.00219                          | 97633                           | 214                          | 97526                 | 4002933 | 41.00                         |
| 38       | 0.00241                          | 97419                           | 235                          | 97301                 | 3905408 | 40.09                         |
| 39       | 0.00262                          | 97184                           | 255                          | 97056                 | 3808106 | 39.18                         |

**Table 21. Abridged life table: Chiayi City(cont. 3)**

2017

Male

| Age<br>X | Probability<br>of death<br>$q_x$ | Number of<br>survivors<br>$l_x$ | Numbers of<br>death<br>$d_x$ | Stationary population |         | Life<br>expectancy<br>$e^o_x$ |
|----------|----------------------------------|---------------------------------|------------------------------|-----------------------|---------|-------------------------------|
|          |                                  |                                 |                              | $L_x$                 | $T_x$   |                               |
| 40       | 0.00282                          | 96929                           | 274                          | 96792                 | 3711050 | 38.29                         |
| 41       | 0.00302                          | 96655                           | 292                          | 96509                 | 3614258 | 37.39                         |
| 42       | 0.00319                          | 96363                           | 307                          | 96210                 | 3517749 | 36.51                         |
| 43       | 0.00333                          | 96056                           | 320                          | 95897                 | 3421539 | 35.62                         |
| 44       | 0.00345                          | 95737                           | 330                          | 95572                 | 3325642 | 34.74                         |
| 45       | 0.00359                          | 95407                           | 342                          | 95235                 | 3230071 | 33.86                         |
| 46       | 0.00377                          | 95064                           | 358                          | 94885                 | 3134835 | 32.98                         |
| 47       | 0.00404                          | 94706                           | 383                          | 94515                 | 3039950 | 32.10                         |
| 48       | 0.00443                          | 94323                           | 418                          | 94114                 | 2945436 | 31.23                         |
| 49       | 0.00490                          | 93906                           | 461                          | 93675                 | 2851321 | 30.36                         |
| 50       | 0.00543                          | 93445                           | 507                          | 93191                 | 2757646 | 29.51                         |
| 51       | 0.00597                          | 92938                           | 555                          | 92660                 | 2664455 | 28.67                         |
| 52       | 0.00647                          | 92383                           | 598                          | 92084                 | 2571794 | 27.84                         |
| 53       | 0.00693                          | 91785                           | 636                          | 91467                 | 2479710 | 27.02                         |
| 54       | 0.00736                          | 91150                           | 670                          | 90814                 | 2388243 | 26.20                         |
| 55       | 0.00780                          | 90479                           | 705                          | 90126                 | 2297428 | 25.39                         |
| 56       | 0.00828                          | 89774                           | 743                          | 89402                 | 2207302 | 24.59                         |
| 57       | 0.00882                          | 89031                           | 785                          | 88638                 | 2117899 | 23.79                         |
| 58       | 0.00942                          | 88246                           | 831                          | 87830                 | 2029261 | 23.00                         |
| 59       | 0.01009                          | 87414                           | 882                          | 86973                 | 1941431 | 22.21                         |
| 60       | 0.01081                          | 86532                           | 936                          | 86064                 | 1854458 | 21.43                         |
| 61       | 0.01164                          | 85597                           | 996                          | 85098                 | 1768393 | 20.66                         |
| 62       | 0.01262                          | 84600                           | 1068                         | 84066                 | 1683295 | 19.90                         |
| 63       | 0.01379                          | 83532                           | 1152                         | 82956                 | 1599229 | 19.15                         |
| 64       | 0.01512                          | 82380                           | 1246                         | 81758                 | 1516272 | 18.41                         |
| 65       | 0.01654                          | 81135                           | 1342                         | 80464                 | 1434515 | 17.68                         |
| 66       | 0.01800                          | 79793                           | 1436                         | 79075                 | 1354051 | 16.97                         |
| 67       | 0.01947                          | 78357                           | 1526                         | 77594                 | 1274976 | 16.27                         |
| 68       | 0.02099                          | 76831                           | 1613                         | 76025                 | 1197382 | 15.58                         |
| 69       | 0.02267                          | 75218                           | 1705                         | 74366                 | 1121357 | 14.91                         |
| 70       | 0.02464                          | 73513                           | 1812                         | 72607                 | 1046992 | 14.24                         |
| 71       | 0.02698                          | 71701                           | 1934                         | 70734                 | 974385  | 13.59                         |
| 72       | 0.02972                          | 69767                           | 2074                         | 68730                 | 903651  | 12.95                         |
| 73       | 0.03285                          | 67693                           | 2224                         | 66582                 | 834920  | 12.33                         |
| 74       | 0.03628                          | 65470                           | 2375                         | 64282                 | 768339  | 11.74                         |
| 75       | 0.03996                          | 63094                           | 2521                         | 61834                 | 704057  | 11.16                         |
| 76       | 0.04385                          | 60573                           | 2656                         | 59246                 | 642223  | 10.60                         |
| 77       | 0.04794                          | 57918                           | 2777                         | 56529                 | 582977  | 10.07                         |
| 78       | 0.05241                          | 55141                           | 2890                         | 53696                 | 526448  | 9.55                          |
| 79       | 0.05728                          | 52251                           | 2993                         | 50754                 | 472752  | 9.05                          |
| 80       | 0.06259                          | 49258                           | 3083                         | 47716                 | 421998  | 8.57                          |
| 81       | 0.06838                          | 46175                           | 3157                         | 44596                 | 374282  | 8.11                          |
| 82       | 0.07468                          | 43017                           | 3212                         | 41411                 | 329686  | 7.66                          |
| 83       | 0.08153                          | 39805                           | 3245                         | 38182                 | 288275  | 7.24                          |
| 84       | 0.08898                          | 36560                           | 3253                         | 34933                 | 250092  | 6.84                          |
| 85+      | 1.00000                          | 33307                           | 33307                        | 215159                | 215159  | 6.46                          |

**Table 21. Abridged life table: Chiayi City(cont. 4)**

2017

Female

| Age<br>X | Probability<br>of death<br>$q_x$ | Number of<br>survivors<br>$l_x$ | Numbers of<br>death<br>$d_x$ | Stationary population |         | Life<br>expectancy<br>$e^o_x$ |
|----------|----------------------------------|---------------------------------|------------------------------|-----------------------|---------|-------------------------------|
|          |                                  |                                 |                              | $L_x$                 | $T_x$   |                               |
| 0M       | 0.00200                          | 100000                          | 200                          | 8325                  | 8311225 | 83.11                         |
| 1M       | 0.00030                          | 99800                           | 30                           | 8315                  | 8302900 | 83.20                         |
| 2M       | 0.00019                          | 99770                           | 19                           | 8313                  | 8294584 | 83.14                         |
| 3M       | 0.00041                          | 99751                           | 41                           | 24933                 | 8286271 | 83.07                         |
| 6M       | 0.00032                          | 99710                           | 32                           | 49847                 | 8261338 | 82.85                         |
| 0        | 0.00322                          | 100000                          | 322                          | 99734                 | 8311225 | 83.11                         |
| 1        | 0.00026                          | 99678                           | 26                           | 99665                 | 8211491 | 82.38                         |
| 2        | 0.00024                          | 99652                           | 23                           | 99640                 | 8111826 | 81.40                         |
| 3        | 0.00021                          | 99629                           | 20                           | 99618                 | 8012185 | 80.42                         |
| 4        | 0.00017                          | 99608                           | 17                           | 99600                 | 7912567 | 79.44                         |
| 5        | 0.00014                          | 99591                           | 14                           | 99584                 | 7812967 | 78.45                         |
| 6        | 0.00009                          | 99577                           | 9                            | 99572                 | 7713383 | 77.46                         |
| 7        | 0.00004                          | 99568                           | 4                            | 99565                 | 7613811 | 76.47                         |
| 8        | 0.00001                          | 99563                           | 1                            | 99563                 | 7514245 | 75.47                         |
| 9        | 0.00002                          | 99562                           | 2                            | 99562                 | 7414683 | 74.47                         |
| 10       | 0.00004                          | 99561                           | 4                            | 99559                 | 7315121 | 73.47                         |
| 11       | 0.00006                          | 99557                           | 6                            | 99554                 | 7215562 | 72.48                         |
| 12       | 0.00009                          | 99551                           | 9                            | 99546                 | 7116008 | 71.48                         |
| 13       | 0.00011                          | 99542                           | 11                           | 99536                 | 7016461 | 70.49                         |
| 14       | 0.00012                          | 99531                           | 12                           | 99525                 | 6916925 | 69.50                         |
| 15       | 0.00013                          | 99518                           | 13                           | 99512                 | 6817400 | 68.50                         |
| 16       | 0.00013                          | 99506                           | 13                           | 99499                 | 6717888 | 67.51                         |
| 17       | 0.00014                          | 99492                           | 14                           | 99485                 | 6618389 | 66.52                         |
| 18       | 0.00016                          | 99478                           | 16                           | 99471                 | 6518904 | 65.53                         |
| 19       | 0.00017                          | 99463                           | 17                           | 99454                 | 6419433 | 64.54                         |
| 20       | 0.00019                          | 99445                           | 19                           | 99436                 | 6319979 | 63.55                         |
| 21       | 0.00021                          | 99427                           | 20                           | 99416                 | 6220543 | 62.56                         |
| 22       | 0.00022                          | 99406                           | 22                           | 99395                 | 6121127 | 61.58                         |
| 23       | 0.00023                          | 99384                           | 23                           | 99373                 | 6021732 | 60.59                         |
| 24       | 0.00024                          | 99362                           | 24                           | 99350                 | 5922359 | 59.60                         |
| 25       | 0.00025                          | 99338                           | 25                           | 99325                 | 5823009 | 58.62                         |
| 26       | 0.00026                          | 99313                           | 26                           | 99300                 | 5723684 | 57.63                         |
| 27       | 0.00027                          | 99287                           | 27                           | 99274                 | 5624384 | 56.65                         |
| 28       | 0.00028                          | 99260                           | 28                           | 99246                 | 5525110 | 55.66                         |
| 29       | 0.00029                          | 99232                           | 29                           | 99218                 | 5425863 | 54.68                         |
| 30       | 0.00031                          | 99203                           | 31                           | 99188                 | 5326646 | 53.69                         |
| 31       | 0.00033                          | 99173                           | 33                           | 99156                 | 5227458 | 52.71                         |
| 32       | 0.00036                          | 99140                           | 36                           | 99122                 | 5128301 | 51.73                         |
| 33       | 0.00041                          | 99104                           | 40                           | 99084                 | 5029179 | 50.75                         |
| 34       | 0.00046                          | 99064                           | 46                           | 99041                 | 4930095 | 49.77                         |
| 35       | 0.00052                          | 99018                           | 52                           | 98992                 | 4831054 | 48.79                         |
| 36       | 0.00059                          | 98967                           | 58                           | 98938                 | 4732062 | 47.81                         |
| 37       | 0.00064                          | 98908                           | 64                           | 98877                 | 4633124 | 46.84                         |
| 38       | 0.00068                          | 98845                           | 68                           | 98811                 | 4534248 | 45.87                         |
| 39       | 0.00072                          | 98777                           | 71                           | 98742                 | 4435436 | 44.90                         |

Table 21. Abridged life table: Chiayi City(cont. end)

2017

Female

| Age<br>X | Probability<br>of death<br>$q_x$ | Number of<br>survivors<br>$l_x$ | Numbers of<br>death<br>$d_x$ | Stationary population |         | Life<br>expectancy<br>$e^o_x$ |
|----------|----------------------------------|---------------------------------|------------------------------|-----------------------|---------|-------------------------------|
|          |                                  |                                 |                              | $L_x$                 | $T_x$   |                               |
| 40       | 0.00076                          | 98706                           | 75                           | 98669                 | 4336695 | 43.94                         |
| 41       | 0.00083                          | 98631                           | 82                           | 98591                 | 4238026 | 42.97                         |
| 42       | 0.00095                          | 98550                           | 93                           | 98503                 | 4139435 | 42.00                         |
| 43       | 0.00114                          | 98456                           | 112                          | 98400                 | 4040932 | 41.04                         |
| 44       | 0.00139                          | 98344                           | 136                          | 98276                 | 3942532 | 40.09                         |
| 45       | 0.00164                          | 98208                           | 161                          | 98127                 | 3844256 | 39.14                         |
| 46       | 0.00187                          | 98047                           | 184                          | 97955                 | 3746128 | 38.21                         |
| 47       | 0.00203                          | 97863                           | 198                          | 97764                 | 3648174 | 37.28                         |
| 48       | 0.00208                          | 97664                           | 204                          | 97563                 | 3550410 | 36.35                         |
| 49       | 0.00207                          | 97461                           | 202                          | 97360                 | 3452847 | 35.43                         |
| 50       | 0.00204                          | 97259                           | 198                          | 97160                 | 3355487 | 34.50                         |
| 51       | 0.00204                          | 97061                           | 198                          | 96962                 | 3258327 | 33.57                         |
| 52       | 0.00213                          | 96863                           | 207                          | 96759                 | 3161366 | 32.64                         |
| 53       | 0.00234                          | 96656                           | 226                          | 96543                 | 3064607 | 31.71                         |
| 54       | 0.00263                          | 96430                           | 254                          | 96303                 | 2968064 | 30.78                         |
| 55       | 0.00298                          | 96176                           | 287                          | 96033                 | 2871760 | 29.86                         |
| 56       | 0.00337                          | 95890                           | 323                          | 95728                 | 2775727 | 28.95                         |
| 57       | 0.00377                          | 95566                           | 361                          | 95386                 | 2679999 | 28.04                         |
| 58       | 0.00419                          | 95206                           | 399                          | 95006                 | 2584613 | 27.15                         |
| 59       | 0.00464                          | 94806                           | 440                          | 94586                 | 2489607 | 26.26                         |
| 60       | 0.00509                          | 94366                           | 481                          | 94126                 | 2395021 | 25.38                         |
| 61       | 0.00557                          | 93886                           | 523                          | 93624                 | 2300895 | 24.51                         |
| 62       | 0.00608                          | 93362                           | 568                          | 93079                 | 2207271 | 23.64                         |
| 63       | 0.00663                          | 92795                           | 615                          | 92487                 | 2114192 | 22.78                         |
| 64       | 0.00724                          | 92180                           | 667                          | 91846                 | 2021705 | 21.93                         |
| 65       | 0.00793                          | 91513                           | 726                          | 91150                 | 1929859 | 21.09                         |
| 66       | 0.00874                          | 90787                           | 794                          | 90390                 | 1838709 | 20.25                         |
| 67       | 0.00968                          | 89993                           | 871                          | 89558                 | 1748319 | 19.43                         |
| 68       | 0.01076                          | 89122                           | 959                          | 88643                 | 1658761 | 18.61                         |
| 69       | 0.01200                          | 88163                           | 1058                         | 87634                 | 1570119 | 17.81                         |
| 70       | 0.01340                          | 87105                           | 1167                         | 86521                 | 1482485 | 17.02                         |
| 71       | 0.01497                          | 85938                           | 1286                         | 85295                 | 1395964 | 16.24                         |
| 72       | 0.01671                          | 84652                           | 1415                         | 83944                 | 1310669 | 15.48                         |
| 73       | 0.01866                          | 83237                           | 1553                         | 82460                 | 1226725 | 14.74                         |
| 74       | 0.02080                          | 81684                           | 1699                         | 80834                 | 1144264 | 14.01                         |
| 75       | 0.02317                          | 79985                           | 1853                         | 79058                 | 1063430 | 13.30                         |
| 76       | 0.02576                          | 78132                           | 2012                         | 77125                 | 984372  | 12.60                         |
| 77       | 0.02860                          | 76119                           | 2177                         | 75031                 | 907247  | 11.92                         |
| 78       | 0.03175                          | 73942                           | 2348                         | 72768                 | 832216  | 11.25                         |
| 79       | 0.03525                          | 71594                           | 2524                         | 70332                 | 759448  | 10.61                         |
| 80       | 0.03912                          | 69071                           | 2702                         | 67720                 | 689116  | 9.98                          |
| 81       | 0.04341                          | 66368                           | 2881                         | 64928                 | 621396  | 9.36                          |
| 82       | 0.04815                          | 63488                           | 3057                         | 61959                 | 556468  | 8.76                          |
| 83       | 0.05340                          | 60430                           | 3227                         | 58817                 | 494509  | 8.18                          |
| 84       | 0.05921                          | 57203                           | 3387                         | 55510                 | 435692  | 7.62                          |
| 85+      | 1.00000                          | 53817                           | 53817                        | 380182                | 380182  | 7.06                          |