# Table A.The 23rd Life Tables, 2020

## Male

| age | number of survivors | number of deaths | probability of surviving | probability of dying | force of mortality | stationary population | | life expectancy |
|---|---|---|---|---|---|---|---|---|
| | | | | | | number of person-years | total person-years | |
| $x$ | $l_x$ | ${}_nd_x$ | ${}_np_x$ | ${}_nq_x$ | $\mu_x$ | ${}_nL_x$ | $T_x$ | $\overset{\circ}{e}_x$ |
| 0(w) | 100 000 | 67 | 0.99933 | 0.00067 | 0.07181 | 1 917 | 8 156 116 | 81.56 |
| 1 | 99 933 | 5 | 0.99995 | 0.00005 | 0.00991 | 1 916 | 8 154 199 | 81.60 |
| 2 | 99 928 | 8 | 0.99992 | 0.00008 | 0.00085 | 1 916 | 8 152 283 | 81.58 |
| 3 | 99 920 | 4 | 0.99996 | 0.00004 | 0.00367 | 1 916 | 8 150 367 | 81.57 |
| 4 | 99 916 | 20 | 0.99980 | 0.00020 | 0.00174 | 8 987 | 8 148 450 | 81.55 |
| 2(m) | 99 896 | 13 | 0.99987 | 0.00013 | 0.00197 | 8 324 | 8 139 463 | 81.48 |
| 3 | 99 883 | 30 | 0.99970 | 0.00030 | 0.00137 | 24 967 | 8 131 139 | 81.41 |
| 6 | 99 852 | 36 | 0.99964 | 0.00036 | 0.00100 | 49 916 | 8 106 172 | 81.18 |
| 0(y) | 100 000 | 184 | 0.99816 | 0.00184 | 0.07181 | 99 860 | 8 156 116 | 81.56 |
| 1 | 99 816 | 24 | 0.99976 | 0.00024 | 0.00048 | 99 801 | 8 056 256 | 80.71 |
| 2 | 99 792 | 17 | 0.99983 | 0.00017 | 0.00014 | 99 784 | 7 956 455 | 79.73 |
| 3 | 99 775 | 11 | 0.99989 | 0.00011 | 0.00014 | 99 769 | 7 856 671 | 78.74 |
| 4 | 99 764 | 8 | 0.99992 | 0.00008 | 0.00009 | 99 760 | 7 756 902 | 77.75 |
| 5 | 99 756 | 6 | 0.99994 | 0.00006 | 0.00007 | 99 753 | 7 657 142 | 76.76 |
| 6 | 99 750 | 6 | 0.99994 | 0.00006 | 0.00006 | 99 747 | 7 557 389 | 75.76 |
| 7 | 99 744 | 5 | 0.99995 | 0.00005 | 0.00006 | 99 741 | 7 457 642 | 74.77 |
| 8 | 99 739 | 5 | 0.99995 | 0.00005 | 0.00005 | 99 736 | 7 357 901 | 73.77 |
| 9 | 99 733 | 5 | 0.99995 | 0.00005 | 0.00005 | 99 731 | 7 258 165 | 72.78 |
| 10 | 99 728 | 6 | 0.99994 | 0.00006 | 0.00006 | 99 725 | 7 158 434 | 71.78 |
| 11 | 99 722 | 7 | 0.99993 | 0.00007 | 0.00007 | 99 719 | 7 058 709 | 70.78 |
| 12 | 99 715 | 9 | 0.99991 | 0.00009 | 0.00008 | 99 711 | 6 958 990 | 69.79 |
| 13 | 99 706 | 11 | 0.99989 | 0.00011 | 0.00009 | 99 701 | 6 859 280 | 68.79 |
| 14 | 99 696 | 14 | 0.99986 | 0.00014 | 0.00012 | 99 689 | 6 759 579 | 67.80 |
| 15 | 99 682 | 17 | 0.99982 | 0.00018 | 0.00015 | 99 674 | 6 659 889 | 66.81 |
| 16 | 99 664 | 22 | 0.99978 | 0.00022 | 0.00020 | 99 654 | 6 560 216 | 65.82 |
| 17 | 99 642 | 28 | 0.99972 | 0.00028 | 0.00025 | 99 629 | 6 460 562 | 64.84 |
| 18 | 99 615 | 32 | 0.99967 | 0.00033 | 0.00030 | 99 599 | 6 360 933 | 63.86 |
| 19 | 99 582 | 38 | 0.99962 | 0.00038 | 0.00035 | 99 564 | 6 261 335 | 62.88 |
| 20 | 99 544 | 44 | 0.99956 | 0.00044 | 0.00041 | 99 523 | 6 161 771 | 61.90 |
| 21 | 99 501 | 49 | 0.99951 | 0.00049 | 0.00047 | 99 477 | 6 062 248 | 60.93 |
| 22 | 99 452 | 52 | 0.99948 | 0.00052 | 0.00051 | 99 426 | 5 962 771 | 59.96 |
| 23 | 99 400 | 52 | 0.99948 | 0.00052 | 0.00053 | 99 374 | 5 863 346 | 58.99 |
| 24 | 99 348 | 50 | 0.99949 | 0.00051 | 0.00052 | 99 322 | 5 763 972 | 58.02 |
| 25 | 99 297 | 49 | 0.99951 | 0.00049 | 0.00050 | 99 273 | 5 664 649 | 57.05 |
| 26 | 99 248 | 48 | 0.99951 | 0.00049 | 0.00049 | 99 224 | 5 565 377 | 56.08 |
| 27 | 99 200 | 48 | 0.99951 | 0.00049 | 0.00049 | 99 176 | 5 466 152 | 55.10 |
| 28 | 99 152 | 49 | 0.99951 | 0.00049 | 0.00049 | 99 128 | 5 366 976 | 54.13 |
| 29 | 99 103 | 49 | 0.99950 | 0.00050 | 0.00049 | 99 079 | 5 267 849 | 53.16 |
| 30 | 99 054 | 51 | 0.99948 | 0.00052 | 0.00050 | 99 028 | 5 168 770 | 52.18 |
| 31 | 99 003 | 55 | 0.99945 | 0.00055 | 0.00053 | 98 976 | 5 069 742 | 51.21 |
| 32 | 98 948 | 59 | 0.99940 | 0.00060 | 0.00057 | 98 919 | 4 970 766 | 50.24 |
| 33 | 98 889 | 63 | 0.99936 | 0.00064 | 0.00062 | 98 857 | 4 871 847 | 49.27 |
| 34 | 98 825 | 67 | 0.99932 | 0.00068 | 0.00066 | 98 792 | 4 772 990 | 48.30 |
| 35 | 98 759 | 69 | 0.99930 | 0.00070 | 0.00069 | 98 724 | 4 674 198 | 47.33 |
| 36 | 98 690 | 70 | 0.99929 | 0.00071 | 0.00071 | 98 654 | 4 575 473 | 46.36 |
| 37 | 98 619 | 72 | 0.99927 | 0.00073 | 0.00072 | 98 583 | 4 476 819 | 45.40 |
| 38 | 98 547 | 76 | 0.99923 | 0.00077 | 0.00075 | 98 509 | 4 378 236 | 44.43 |
| 39 | 98 471 | 83 | 0.99916 | 0.00084 | 0.00080 | 98 430 | 4 279 727 | 43.46 |
| 40 | 98 388 | 91 | 0.99907 | 0.00093 | 0.00088 | 98 343 | 4 181 297 | 42.50 |
| 41 | 98 297 | 100 | 0.99898 | 0.00102 | 0.00097 | 98 248 | 4 082 953 | 41.54 |
| 42 | 98 196 | 110 | 0.99888 | 0.00112 | 0.00107 | 98 142 | 3 984 706 | 40.58 |
| 43 | 98 086 | 121 | 0.99877 | 0.00123 | 0.00118 | 98 027 | 3 886 564 | 39.62 |
| 44 | 97 965 | 132 | 0.99865 | 0.00135 | 0.00129 | 97 900 | 3 788 537 | 38.67 |
| 45 | 97 833 | 146 | 0.99851 | 0.00149 | 0.00142 | 97 761 | 3 690 637 | 37.72 |
| 46 | 97 687 | 160 | 0.99836 | 0.00164 | 0.00156 | 97 609 | 3 592 875 | 36.78 |
| 47 | 97 528 | 175 | 0.99821 | 0.00179 | 0.00171 | 97 442 | 3 495 267 | 35.84 |
| 48 | 97 353 | 192 | 0.99802 | 0.00198 | 0.00188 | 97 258 | 3 397 825 | 34.90 |
| 49 | 97 161 | 213 | 0.99781 | 0.00219 | 0.00208 | 97 056 | 3 300 566 | 33.97 |

| age | number of survivors | number of deaths | probability of surviving | probability of dying | force of mortality | stationary population | | life expectancy |
|---|---|---|---|---|---|---|---|---|
| | | | | | | number of person-years | total person-years | |
| $x$ | $l_x$ | ${}_nd_x$ | ${}_np_x$ | ${}_nq_x$ | $\mu_x$ | ${}_nL_x$ | $T_x$ | $\mathring{e}_x$ |
| 50 | 96 948 | 236 | 0.99757 | 0.00243 | 0.00231 | 96 832 | 3 203 510 | 33.04 |
| 51 | 96 712 | 260 | 0.99731 | 0.00269 | 0.00256 | 96 584 | 3 106 679 | 32.12 |
| 52 | 96 452 | 285 | 0.99705 | 0.00295 | 0.00282 | 96 311 | 3 010 095 | 31.21 |
| 53 | 96 167 | 311 | 0.99676 | 0.00324 | 0.00309 | 96 014 | 2 913 784 | 30.30 |
| 54 | 95 856 | 341 | 0.99644 | 0.00356 | 0.00340 | 95 688 | 2 817 770 | 29.40 |
| 55 | 95 515 | 375 | 0.99608 | 0.00392 | 0.00374 | 95 330 | 2 722 082 | 28.50 |
| 56 | 95 140 | 411 | 0.99568 | 0.00432 | 0.00413 | 94 937 | 2 626 752 | 27.61 |
| 57 | 94 729 | 448 | 0.99527 | 0.00473 | 0.00453 | 94 508 | 2 531 814 | 26.73 |
| 58 | 94 280 | 487 | 0.99483 | 0.00517 | 0.00495 | 94 040 | 2 437 307 | 25.85 |
| 59 | 93 793 | 530 | 0.99434 | 0.00566 | 0.00541 | 93 532 | 2 343 266 | 24.98 |
| 60 | 93 263 | 582 | 0.99376 | 0.00624 | 0.00595 | 92 977 | 2 249 734 | 24.12 |
| 61 | 92 681 | 640 | 0.99309 | 0.00691 | 0.00658 | 92 366 | 2 156 758 | 23.27 |
| 62 | 92 041 | 704 | 0.99235 | 0.00765 | 0.00730 | 91 694 | 2 064 391 | 22.43 |
| 63 | 91 337 | 768 | 0.99159 | 0.00841 | 0.00805 | 90 959 | 1 972 697 | 21.60 |
| 64 | 90 569 | 835 | 0.99078 | 0.00922 | 0.00884 | 90 157 | 1 881 738 | 20.78 |
| 65 | 89 734 | 906 | 0.98990 | 0.01010 | 0.00968 | 89 288 | 1 791 581 | 19.97 |
| 66 | 88 829 | 991 | 0.98885 | 0.01115 | 0.01065 | 88 341 | 1 702 293 | 19.16 |
| 67 | 87 838 | 1 090 | 0.98759 | 0.01241 | 0.01182 | 87 302 | 1 613 952 | 18.37 |
| 68 | 86 748 | 1 195 | 0.98622 | 0.01378 | 0.01317 | 86 159 | 1 526 650 | 17.60 |
| 69 | 85 553 | 1 299 | 0.98482 | 0.01518 | 0.01457 | 84 912 | 1 440 491 | 16.84 |
| 70 | 84 254 | 1 414 | 0.98322 | 0.01678 | 0.01609 | 83 557 | 1 355 579 | 16.09 |
| 71 | 82 840 | 1 526 | 0.98157 | 0.01843 | 0.01775 | 82 086 | 1 272 023 | 15.36 |
| 72 | 81 314 | 1 636 | 0.97988 | 0.02012 | 0.01944 | 80 505 | 1 189 936 | 14.63 |
| 73 | 79 678 | 1 757 | 0.97795 | 0.02205 | 0.02126 | 78 810 | 1 109 431 | 13.92 |
| 74 | 77 921 | 1 888 | 0.97577 | 0.02423 | 0.02337 | 76 989 | 1 030 621 | 13.23 |
| 75 | 76 033 | 2 031 | 0.97328 | 0.02672 | 0.02576 | 75 030 | 953 632 | 12.54 |
| 76 | 74 002 | 2 180 | 0.97054 | 0.02946 | 0.02844 | 72 924 | 878 603 | 11.87 |
| 77 | 71 822 | 2 335 | 0.96749 | 0.03251 | 0.03143 | 70 667 | 805 678 | 11.22 |
| 78 | 69 487 | 2 482 | 0.96428 | 0.03572 | 0.03466 | 68 258 | 735 011 | 10.58 |
| 79 | 67 005 | 2 639 | 0.96061 | 0.03939 | 0.03818 | 65 699 | 666 753 | 9.95 |
| 80 | 64 365 | 2 822 | 0.95616 | 0.04384 | 0.04237 | 62 970 | 601 054 | 9.34 |
| 81 | 61 544 | 3 021 | 0.95092 | 0.04908 | 0.04743 | 60 050 | 538 084 | 8.74 |
| 82 | 58 523 | 3 230 | 0.94480 | 0.05520 | 0.05339 | 56 925 | 478 033 | 8.17 |
| 83 | 55 293 | 3 442 | 0.93774 | 0.06226 | 0.06035 | 53 589 | 421 108 | 7.62 |
| 84 | 51 850 | 3 646 | 0.92968 | 0.07032 | 0.06841 | 50 043 | 367 519 | 7.09 |
| 85 | 48 204 | 3 826 | 0.92063 | 0.07937 | 0.07760 | 46 305 | 317 476 | 6.59 |
| 86 | 44 378 | 3 979 | 0.91035 | 0.08965 | 0.08807 | 42 400 | 271 171 | 6.11 |
| 87 | 40 399 | 4 087 | 0.89882 | 0.10118 | 0.10005 | 38 362 | 228 771 | 5.66 |
| 88 | 36 312 | 4 133 | 0.88619 | 0.11381 | 0.11352 | 34 246 | 190 409 | 5.24 |
| 89 | 32 179 | 4 098 | 0.87266 | 0.12734 | 0.12829 | 30 124 | 156 162 | 4.85 |
| 90 | 28 082 | 3 985 | 0.85808 | 0.14192 | 0.14434 | 26 077 | 126 038 | 4.49 |
| 91 | 24 096 | 3 807 | 0.84201 | 0.15799 | 0.16213 | 22 175 | 99 961 | 4.15 |
| 92 | 20 289 | 3 568 | 0.82414 | 0.17586 | 0.18223 | 18 483 | 77 786 | 3.83 |
| 93 | 16 721 | 3 272 | 0.80434 | 0.19566 | 0.20514 | 15 058 | 59 303 | 3.55 |
| 94 | 13 450 | 2 909 | 0.78374 | 0.21626 | 0.23049 | 11 963 | 44 245 | 3.29 |
| 95 | 10 541 | 2 494 | 0.76339 | 0.23661 | 0.25797 | 9 258 | 32 283 | 3.06 |
| 96 | 8 047 | 2 054 | 0.74472 | 0.25528 | 0.28219 | 6 983 | 23 025 | 2.86 |
| 97 | 5 993 | 1 644 | 0.72571 | 0.27429 | 0.30749 | 5 138 | 16 041 | 2.68 |
| 98 | 4 349 | 1 277 | 0.70637 | 0.29363 | 0.33391 | 3 682 | 10 903 | 2.51 |
| 99 | 3 072 | 962 | 0.68671 | 0.31329 | 0.36152 | 2 567 | 7 221 | 2.35 |
| 100 | 2 110 | 703 | 0.66676 | 0.33324 | 0.39037 | 1 739 | 4 654 | 2.21 |
| 101 | 1 407 | 497 | 0.64654 | 0.35346 | 0.42050 | 1 143 | 2 916 | 2.07 |
| 102 | 909 | 340 | 0.62606 | 0.37394 | 0.45198 | 728 | 1 773 | 1.95 |
| 103 | 569 | 225 | 0.60537 | 0.39463 | 0.48487 | 449 | 1 045 | 1.83 |
| 104 | 345 | 143 | 0.58448 | 0.41552 | 0.51922 | 267 | 596 | 1.73 |
| 105 | 201 | 88 | 0.56342 | 0.43658 | 0.55512 | 154 | 328 | 1.63 |
| 106 | 113 | 52 | 0.54223 | 0.45777 | 0.59261 | 85 | 175 | 1.54 |
| 107 | 62 | 29 | 0.52095 | 0.47905 | 0.63179 | 45 | 89 | 1.45 |
| 108 | 32 | 16 | 0.49961 | 0.50039 | 0.67271 | 23 | 44 | 1.37 |
| 109 | 16 | 8 | 0.47824 | 0.52176 | 0.71547 | 11 | 21 | 1.30 |
| 110 | 8 | 4 | 0.45690 | 0.54310 | 0.76013 | 5 | 9 | 1.23 |
| 111 | 4 | 2 | 0.43562 | 0.56438 | 0.80680 | 2 | 4 | 1.16 |
| 112 | 2 | 1 | 0.41444 | 0.58556 | 0.85554 | 1 | 2 | 1.10 |
| 113 | 1 | 0 | 0.39342 | 0.60658 | 0.90647 | 0 | 1 | 1.05 |

## Female

| age | number of survivors | number of deaths | probability of surviving | probability of dying | force of mortality | stationary population | | life expectancy |
|---|---|---|---|---|---|---|---|---|
| | | | | | | number of person-years | total person-years | |
| $x$ | $l_x$ | ${}_nd_x$ | ${}_np_x$ | ${}_nq_x$ | $\mu_x$ | ${}_nL_x$ | $T_x$ | $\overset{\circ}{e}_x$ |
| 0(w) | 100 000 | 64 | 0.99936 | 0.00064 | 0.06362 | 1 917 | 8 771 274 | 87.71 |
| 1 | 99 936 | 8 | 0.99992 | 0.00008 | 0.01225 | 1 916 | 8 769 357 | 87.75 |
| 2 | 99 927 | 5 | 0.99995 | 0.00005 | 0.00096 | 1 916 | 8 767 441 | 87.74 |
| 3 | 99 923 | 6 | 0.99994 | 0.00006 | 0.00247 | 1 916 | 8 765 524 | 87.72 |
| 4 | 99 917 | 16 | 0.99984 | 0.00016 | 0.00293 | 8 987 | 8 763 608 | 87.71 |
| 2(m) | 99 901 | 12 | 0.99988 | 0.00012 | 0.00138 | 8 325 | 8 754 621 | 87.63 |
| 3 | 99 889 | 28 | 0.99972 | 0.00028 | 0.00125 | 24 969 | 8 746 297 | 87.56 |
| 6 | 99 861 | 33 | 0.99967 | 0.00033 | 0.00093 | 49 921 | 8 721 328 | 87.33 |
| 0(y) | 100 000 | 172 | 0.99828 | 0.00172 | 0.06362 | 99 868 | 8 771 274 | 87.71 |
| 1 | 99 828 | 17 | 0.99983 | 0.00017 | 0.00042 | 99 817 | 8 671 407 | 86.86 |
| 2 | 99 811 | 12 | 0.99988 | 0.00012 | 0.00007 | 99 806 | 8 571 590 | 85.88 |
| 3 | 99 800 | 9 | 0.99991 | 0.00009 | 0.00010 | 99 795 | 8 471 784 | 84.89 |
| 4 | 99 791 | 7 | 0.99993 | 0.00007 | 0.00008 | 99 787 | 8 371 988 | 83.90 |
| 5 | 99 784 | 7 | 0.99993 | 0.00007 | 0.00007 | 99 781 | 8 272 201 | 82.90 |
| 6 | 99 777 | 7 | 0.99993 | 0.00007 | 0.00007 | 99 774 | 8 172 420 | 81.91 |
| 7 | 99 771 | 6 | 0.99994 | 0.00006 | 0.00006 | 99 768 | 8 072 646 | 80.91 |
| 8 | 99 765 | 6 | 0.99994 | 0.00006 | 0.00006 | 99 762 | 7 972 878 | 79.92 |
| 9 | 99 759 | 5 | 0.99995 | 0.00005 | 0.00006 | 99 756 | 7 873 117 | 78.92 |
| 10 | 99 753 | 5 | 0.99995 | 0.00005 | 0.00005 | 99 751 | 7 773 361 | 77.93 |
| 11 | 99 748 | 6 | 0.99994 | 0.00006 | 0.00005 | 99 745 | 7 673 610 | 76.93 |
| 12 | 99 742 | 7 | 0.99993 | 0.00007 | 0.00006 | 99 739 | 7 573 865 | 75.93 |
| 13 | 99 735 | 8 | 0.99992 | 0.00008 | 0.00007 | 99 731 | 7 474 127 | 74.94 |
| 14 | 99 727 | 9 | 0.99991 | 0.00009 | 0.00008 | 99 723 | 7 374 395 | 73.95 |
| 15 | 99 719 | 11 | 0.99989 | 0.00011 | 0.00010 | 99 713 | 7 274 672 | 72.95 |
| 16 | 99 707 | 14 | 0.99986 | 0.00014 | 0.00013 | 99 700 | 7 174 959 | 71.96 |
| 17 | 99 693 | 17 | 0.99983 | 0.00017 | 0.00016 | 99 685 | 7 075 258 | 70.97 |
| 18 | 99 676 | 19 | 0.99981 | 0.00019 | 0.00018 | 99 667 | 6 975 574 | 69.98 |
| 19 | 99 657 | 20 | 0.99980 | 0.00020 | 0.00020 | 99 647 | 6 875 907 | 69.00 |
| 20 | 99 637 | 22 | 0.99978 | 0.00022 | 0.00021 | 99 626 | 6 776 260 | 68.01 |
| 21 | 99 615 | 23 | 0.99977 | 0.00023 | 0.00022 | 99 604 | 6 676 633 | 67.02 |
| 22 | 99 593 | 24 | 0.99976 | 0.00024 | 0.00024 | 99 581 | 6 577 029 | 66.04 |
| 23 | 99 569 | 25 | 0.99975 | 0.00025 | 0.00025 | 99 556 | 6 477 449 | 65.06 |
| 24 | 99 544 | 25 | 0.99975 | 0.00025 | 0.00025 | 99 531 | 6 377 893 | 64.07 |
| 25 | 99 519 | 25 | 0.99975 | 0.00025 | 0.00025 | 99 507 | 6 278 361 | 63.09 |
| 26 | 99 494 | 25 | 0.99975 | 0.00025 | 0.00025 | 99 481 | 6 178 855 | 62.10 |
| 27 | 99 469 | 26 | 0.99974 | 0.00026 | 0.00026 | 99 456 | 6 079 373 | 61.12 |
| 28 | 99 443 | 26 | 0.99974 | 0.00026 | 0.00026 | 99 430 | 5 979 917 | 60.13 |
| 29 | 99 417 | 27 | 0.99973 | 0.00027 | 0.00027 | 99 403 | 5 880 487 | 59.15 |
| 30 | 99 390 | 27 | 0.99973 | 0.00027 | 0.00027 | 99 376 | 5 781 084 | 58.17 |
| 31 | 99 363 | 27 | 0.99973 | 0.00027 | 0.00027 | 99 349 | 5 681 707 | 57.18 |
| 32 | 99 336 | 28 | 0.99972 | 0.00028 | 0.00028 | 99 322 | 5 582 358 | 56.20 |
| 33 | 99 307 | 31 | 0.99969 | 0.00031 | 0.00030 | 99 292 | 5 483 036 | 55.21 |
| 34 | 99 277 | 34 | 0.99965 | 0.00035 | 0.00033 | 99 260 | 5 383 744 | 54.23 |
| 35 | 99 242 | 39 | 0.99961 | 0.00039 | 0.00037 | 99 223 | 5 284 484 | 53.25 |
| 36 | 99 204 | 43 | 0.99957 | 0.00043 | 0.00041 | 99 183 | 5 185 260 | 52.27 |
| 37 | 99 161 | 46 | 0.99954 | 0.00046 | 0.00045 | 99 138 | 5 086 078 | 51.29 |
| 38 | 99 115 | 50 | 0.99950 | 0.00050 | 0.00048 | 99 091 | 4 986 939 | 50.31 |
| 39 | 99 066 | 54 | 0.99946 | 0.00054 | 0.00052 | 99 039 | 4 887 849 | 49.34 |
| 40 | 99 012 | 58 | 0.99942 | 0.00058 | 0.00056 | 98 984 | 4 788 810 | 48.37 |
| 41 | 98 954 | 62 | 0.99937 | 0.00063 | 0.00060 | 98 924 | 4 689 826 | 47.39 |
| 42 | 98 892 | 67 | 0.99932 | 0.00068 | 0.00065 | 98 859 | 4 590 902 | 46.42 |
| 43 | 98 826 | 73 | 0.99926 | 0.00074 | 0.00071 | 98 790 | 4 492 043 | 45.45 |
| 44 | 98 752 | 81 | 0.99918 | 0.00082 | 0.00078 | 98 713 | 4 393 253 | 44.49 |
| 45 | 98 672 | 89 | 0.99909 | 0.00091 | 0.00086 | 98 628 | 4 294 540 | 43.52 |
| 46 | 98 582 | 98 | 0.99901 | 0.00099 | 0.00095 | 98 534 | 4 195 913 | 42.56 |
| 47 | 98 484 | 107 | 0.99892 | 0.00108 | 0.00104 | 98 432 | 4 097 379 | 41.60 |
| 48 | 98 378 | 117 | 0.99881 | 0.00119 | 0.00113 | 98 320 | 3 998 947 | 40.65 |
| 49 | 98 261 | 129 | 0.99869 | 0.00131 | 0.00125 | 98 198 | 3 900 626 | 39.70 |

| age | number of survivors | number of deaths | probability of surviving | probability of dying | force of mortality | stationary population | | life expectancy |
|---|---|---|---|---|---|---|---|---|
| | | | | | | number of person-years | total person-years | |
| $x$ | $l_x$ | ${}_nd_x$ | ${}_np_x$ | ${}_nq_x$ | $\mu_x$ | ${}_nL_x$ | $T_x$ | $\mathring{e}_x$ |
| 50 | 98 132 | 142 | 0.99855 | 0.00145 | 0.00138 | 98 063 | 3 802 429 | 38.75 |
| 51 | 97 990 | 155 | 0.99842 | 0.00158 | 0.00152 | 97 914 | 3 704 366 | 37.80 |
| 52 | 97 835 | 167 | 0.99829 | 0.00171 | 0.00165 | 97 753 | 3 606 452 | 36.86 |
| 53 | 97 668 | 177 | 0.99819 | 0.00181 | 0.00176 | 97 581 | 3 508 699 | 35.92 |
| 54 | 97 492 | 187 | 0.99808 | 0.00192 | 0.00187 | 97 399 | 3 411 119 | 34.99 |
| 55 | 97 304 | 199 | 0.99796 | 0.00204 | 0.00198 | 97 206 | 3 313 720 | 34.06 |
| 56 | 97 106 | 211 | 0.99782 | 0.00218 | 0.00211 | 97 001 | 3 216 514 | 33.12 |
| 57 | 96 894 | 225 | 0.99767 | 0.00233 | 0.00225 | 96 783 | 3 119 513 | 32.19 |
| 58 | 96 669 | 239 | 0.99753 | 0.00247 | 0.00240 | 96 551 | 3 022 730 | 31.27 |
| 59 | 96 430 | 253 | 0.99737 | 0.00263 | 0.00255 | 96 305 | 2 926 179 | 30.35 |
| 60 | 96 177 | 271 | 0.99719 | 0.00281 | 0.00272 | 96 043 | 2 829 875 | 29.42 |
| 61 | 95 906 | 293 | 0.99695 | 0.00305 | 0.00293 | 95 762 | 2 733 832 | 28.51 |
| 62 | 95 613 | 319 | 0.99667 | 0.00333 | 0.00319 | 95 456 | 2 638 070 | 27.59 |
| 63 | 95 295 | 344 | 0.99639 | 0.00361 | 0.00348 | 95 125 | 2 542 614 | 26.68 |
| 64 | 94 951 | 371 | 0.99610 | 0.00390 | 0.00376 | 94 768 | 2 447 489 | 25.78 |
| 65 | 94 580 | 399 | 0.99578 | 0.00422 | 0.00406 | 94 383 | 2 352 721 | 24.88 |
| 66 | 94 181 | 434 | 0.99539 | 0.00461 | 0.00441 | 93 967 | 2 258 338 | 23.98 |
| 67 | 93 747 | 475 | 0.99493 | 0.00507 | 0.00484 | 93 513 | 2 164 371 | 23.09 |
| 68 | 93 272 | 521 | 0.99442 | 0.00558 | 0.00533 | 93 016 | 2 070 858 | 22.20 |
| 69 | 92 751 | 569 | 0.99387 | 0.00613 | 0.00586 | 92 471 | 1 977 843 | 21.32 |
| 70 | 92 183 | 627 | 0.99319 | 0.00681 | 0.00648 | 91 874 | 1 885 371 | 20.45 |
| 71 | 91 555 | 690 | 0.99246 | 0.00754 | 0.00719 | 91 215 | 1 793 497 | 19.59 |
| 72 | 90 865 | 754 | 0.99170 | 0.00830 | 0.00794 | 90 494 | 1 702 282 | 18.73 |
| 73 | 90 111 | 826 | 0.99083 | 0.00917 | 0.00876 | 89 704 | 1 611 788 | 17.89 |
| 74 | 89 285 | 905 | 0.98986 | 0.01014 | 0.00968 | 88 839 | 1 522 084 | 17.05 |
| 75 | 88 380 | 996 | 0.98873 | 0.01127 | 0.01073 | 87 890 | 1 433 245 | 16.22 |
| 76 | 87 383 | 1 105 | 0.98736 | 0.01264 | 0.01198 | 86 841 | 1 345 356 | 15.40 |
| 77 | 86 278 | 1 237 | 0.98567 | 0.01433 | 0.01353 | 85 672 | 1 258 515 | 14.59 |
| 78 | 85 042 | 1 383 | 0.98374 | 0.01626 | 0.01537 | 84 363 | 1 172 843 | 13.79 |
| 79 | 83 659 | 1 550 | 0.98147 | 0.01853 | 0.01749 | 82 898 | 1 088 480 | 13.01 |
| 80 | 82 108 | 1 738 | 0.97883 | 0.02117 | 0.01998 | 81 256 | 1 005 581 | 12.25 |
| 81 | 80 370 | 1 947 | 0.97577 | 0.02423 | 0.02288 | 79 415 | 924 326 | 11.50 |
| 82 | 78 423 | 2 182 | 0.97217 | 0.02783 | 0.02627 | 77 352 | 844 911 | 10.77 |
| 83 | 76 240 | 2 448 | 0.96789 | 0.03211 | 0.03031 | 75 040 | 767 558 | 10.07 |
| 84 | 73 792 | 2 740 | 0.96287 | 0.03713 | 0.03511 | 72 447 | 692 519 | 9.38 |
| 85 | 71 052 | 3 047 | 0.95711 | 0.04289 | 0.04069 | 69 555 | 620 072 | 8.73 |
| 86 | 68 005 | 3 369 | 0.95046 | 0.04954 | 0.04714 | 66 348 | 550 517 | 8.10 |
| 87 | 64 636 | 3 701 | 0.94274 | 0.05726 | 0.05467 | 62 814 | 484 169 | 7.49 |
| 88 | 60 935 | 4 037 | 0.93375 | 0.06625 | 0.06353 | 58 944 | 421 355 | 6.91 |
| 89 | 56 898 | 4 345 | 0.92364 | 0.07636 | 0.07376 | 54 749 | 362 412 | 6.37 |
| 90 | 52 553 | 4 609 | 0.91230 | 0.08770 | 0.08530 | 50 269 | 307 662 | 5.85 |
| 91 | 47 944 | 4 844 | 0.89896 | 0.10104 | 0.09872 | 45 540 | 257 393 | 5.37 |
| 92 | 43 100 | 5 034 | 0.88321 | 0.11679 | 0.11487 | 40 595 | 211 853 | 4.92 |
| 93 | 38 066 | 5 130 | 0.86523 | 0.13477 | 0.13403 | 35 504 | 171 258 | 4.50 |
| 94 | 32 936 | 5 080 | 0.84576 | 0.15424 | 0.15574 | 30 386 | 135 754 | 4.12 |
| 95 | 27 856 | 4 884 | 0.82465 | 0.17535 | 0.18088 | 25 390 | 105 368 | 3.78 |
| 96 | 22 971 | 4 493 | 0.80442 | 0.19558 | 0.20496 | 20 687 | 79 978 | 3.48 |
| 97 | 18 479 | 4 002 | 0.78345 | 0.21655 | 0.23057 | 16 434 | 59 292 | 3.21 |
| 98 | 14 477 | 3 449 | 0.76173 | 0.23827 | 0.25782 | 12 705 | 42 858 | 2.96 |
| 99 | 11 028 | 2 875 | 0.73930 | 0.26070 | 0.28680 | 9 542 | 30 153 | 2.73 |
| 100 | 8 153 | 2 314 | 0.71615 | 0.28385 | 0.31763 | 6 950 | 20 611 | 2.53 |
| 101 | 5 839 | 1 796 | 0.69233 | 0.30767 | 0.35043 | 4 900 | 13 660 | 2.34 |
| 102 | 4 042 | 1 343 | 0.66786 | 0.33214 | 0.38531 | 3 336 | 8 761 | 2.17 |
| 103 | 2 700 | 964 | 0.64278 | 0.35722 | 0.42242 | 2 189 | 5 425 | 2.01 |
| 104 | 1 735 | 664 | 0.61713 | 0.38287 | 0.46189 | 1 381 | 3 235 | 1.86 |
| 105 | 1 071 | 438 | 0.59097 | 0.40903 | 0.50388 | 836 | 1 854 | 1.73 |
| 106 | 633 | 276 | 0.56436 | 0.43564 | 0.54855 | 484 | 1 018 | 1.61 |
| 107 | 357 | 165 | 0.53737 | 0.46263 | 0.59606 | 267 | 534 | 1.50 |
| 108 | 192 | 94 | 0.51007 | 0.48993 | 0.64660 | 140 | 267 | 1.39 |
| 109 | 98 | 51 | 0.48255 | 0.51745 | 0.70036 | 70 | 127 | 1.30 |
| 110 | 47 | 26 | 0.45491 | 0.54509 | 0.75755 | 33 | 57 | 1.21 |
| 111 | 21 | 12 | 0.42724 | 0.57276 | 0.81838 | 15 | 24 | 1.13 |
| 112 | 9 | 6 | 0.39965 | 0.60035 | 0.88310 | 6 | 10 | 1.05 |
| 113 | 4 | 2 | 0.37226 | 0.62774 | 0.95193 | 2 | 4 | 0.98 |
| 114 | 1 | 1 | 0.34518 | 0.65482 | 1.02515 | 1 | 1 | 0.92 |