

Statistisches Bundesamt, pers. Communication (05.03.2025): Complete Life Table by sex - Berlin - 2021/2023.

# Allgemeine Sterbetafel 2021/2023

Berlin

Männlich

| Vollendetes Alter in Jahren | Sterbewahrscheinlichkeit vom Alter x bis x+1 <sup>1</sup> | Überlebens-    | Überlebende im Alter x | Gestorbene im Alter x bis unter x+1 | Von den Überlebenden im Alter x bis zum Alter x+1 durchlebte insgesamt noch zu durchlebende Jahre |                | Durchschnittliche Lebenserwartung im Alter x in Jahren |
|-----------------------------|-----------------------------------------------------------|----------------|------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------|
| x                           | q <sub>x</sub>                                            | p <sub>x</sub> | l <sub>x</sub>         | d <sub>x</sub>                      | L <sub>x</sub>                                                                                    | T <sub>x</sub> | e <sub>x</sub>                                         |
| 0 .....                     | 0.00310390                                                | 0.99689610     | 100 000                | 310                                 | 99 719                                                                                            | 7 808 056      | 78.08                                                  |
| 1 .....                     | 0.00019534                                                | 0.99980466     | 99 690                 | 19                                  | 99 680                                                                                            | 7 708 338      | 77.32                                                  |
| 2 .....                     | 0.00015915                                                | 0.99984085     | 99 670                 | 16                                  | 99 662                                                                                            | 7 608 658      | 76.34                                                  |
| 3 .....                     | 0.00013192                                                | 0.99986808     | 99 654                 | 13                                  | 99 648                                                                                            | 7 508 996      | 75.35                                                  |
| 4 .....                     | 0.00011174                                                | 0.99988826     | 99 641                 | 11                                  | 99 636                                                                                            | 7 409 348      | 74.36                                                  |
| 5 .....                     | 0.00009712                                                | 0.99990288     | 99 630                 | 10                                  | 99 625                                                                                            | 7 309 712      | 73.37                                                  |
| 6 .....                     | 0.00008701                                                | 0.99991299     | 99 620                 | 9                                   | 99 616                                                                                            | 7 210 087      | 72.38                                                  |
| 7 .....                     | 0.00008241                                                | 0.99991759     | 99 612                 | 8                                   | 99 608                                                                                            | 7 110 471      | 71.38                                                  |
| 8 .....                     | 0.00008169                                                | 0.99991831     | 99 603                 | 8                                   | 99 599                                                                                            | 7 010 864      | 70.39                                                  |
| 9 .....                     | 0.00008269                                                | 0.99991731     | 99 595                 | 8                                   | 99 591                                                                                            | 6 911 264      | 69.39                                                  |
| 10 .....                    | 0.00008537                                                | 0.99991463     | 99 587                 | 9                                   | 99 583                                                                                            | 6 811 673      | 68.40                                                  |
| 11 .....                    | 0.00008955                                                | 0.99991045     | 99 579                 | 9                                   | 99 574                                                                                            | 6 712 090      | 67.40                                                  |
| 12 .....                    | 0.00009985                                                | 0.99990015     | 99 570                 | 10                                  | 99 565                                                                                            | 6 612 516      | 66.41                                                  |
| 13 .....                    | 0.00011449                                                | 0.99988551     | 99 560                 | 11                                  | 99 554                                                                                            | 6 512 951      | 65.42                                                  |
| 14 .....                    | 0.00013365                                                | 0.99986635     | 99 548                 | 13                                  | 99 542                                                                                            | 6 413 397      | 64.42                                                  |
| 15 .....                    | 0.00015789                                                | 0.99984211     | 99 535                 | 16                                  | 99 527                                                                                            | 6 313 856      | 63.43                                                  |
| 16 .....                    | 0.00018768                                                | 0.99981232     | 99 519                 | 19                                  | 99 510                                                                                            | 6 214 329      | 62.44                                                  |
| 17 .....                    | 0.00022318                                                | 0.99977682     | 99 501                 | 22                                  | 99 490                                                                                            | 6 114 819      | 61.46                                                  |
| 18 .....                    | 0.00026419                                                | 0.99973581     | 99 478                 | 26                                  | 99 465                                                                                            | 6 015 329      | 60.47                                                  |
| 19 .....                    | 0.00030979                                                | 0.99969021     | 99 452                 | 31                                  | 99 437                                                                                            | 5 915 864      | 59.48                                                  |
| 20 .....                    | 0.00035809                                                | 0.99964191     | 99 421                 | 36                                  | 99 404                                                                                            | 5 816 427      | 58.50                                                  |
| 21 .....                    | 0.00040603                                                | 0.99959397     | 99 386                 | 40                                  | 99 366                                                                                            | 5 717 024      | 57.52                                                  |
| 22 .....                    | 0.00044941                                                | 0.99955059     | 99 345                 | 45                                  | 99 323                                                                                            | 5 617 658      | 56.55                                                  |
| 23 .....                    | 0.00048321                                                | 0.99951679     | 99 301                 | 48                                  | 99 277                                                                                            | 5 518 335      | 55.57                                                  |
| 24 .....                    | 0.00050266                                                | 0.99949734     | 99 253                 | 50                                  | 99 228                                                                                            | 5 419 058      | 54.60                                                  |
| 25 .....                    | 0.00050810                                                | 0.99949190     | 99 203                 | 50                                  | 99 178                                                                                            | 5 319 831      | 53.63                                                  |
| 26 .....                    | 0.00050364                                                | 0.99949636     | 99 152                 | 50                                  | 99 127                                                                                            | 5 220 653      | 52.65                                                  |
| 27 .....                    | 0.00049403                                                | 0.99950597     | 99 102                 | 49                                  | 99 078                                                                                            | 5 121 526      | 51.68                                                  |
| 28 .....                    | 0.00048398                                                | 0.99951602     | 99 054                 | 48                                  | 99 030                                                                                            | 5 022 447      | 50.70                                                  |
| 29 .....                    | 0.00047789                                                | 0.99952211     | 99 006                 | 47                                  | 98 982                                                                                            | 4 923 418      | 49.73                                                  |
| 30 .....                    | 0.00047998                                                | 0.99952002     | 98 958                 | 47                                  | 98 935                                                                                            | 4 824 436      | 48.75                                                  |
| 31 .....                    | 0.00049485                                                | 0.99950515     | 98 911                 | 49                                  | 98 886                                                                                            | 4 725 501      | 47.78                                                  |
| 32 .....                    | 0.00052574                                                | 0.99947426     | 98 862                 | 52                                  | 98 836                                                                                            | 4 626 615      | 46.80                                                  |
| 33 .....                    | 0.00057260                                                | 0.99942740     | 98 810                 | 57                                  | 98 782                                                                                            | 4 527 779      | 45.82                                                  |
| 34 .....                    | 0.00063539                                                | 0.99936461     | 98 753                 | 63                                  | 98 722                                                                                            | 4 428 998      | 44.85                                                  |
| 35 .....                    | 0.00071395                                                | 0.99928605     | 98 691                 | 70                                  | 98 655                                                                                            | 4 330 276      | 43.88                                                  |
| 36 .....                    | 0.00080736                                                | 0.99919264     | 98 620                 | 80                                  | 98 580                                                                                            | 4 231 620      | 42.91                                                  |
| 37 .....                    | 0.00091320                                                | 0.99908680     | 98 540                 | 90                                  | 98 495                                                                                            | 4 133 040      | 41.94                                                  |
| 38 .....                    | 0.00102681                                                | 0.99897319     | 98 450                 | 101                                 | 98 400                                                                                            | 4 034 545      | 40.98                                                  |
| 39 .....                    | 0.00114182                                                | 0.99885818     | 98 349                 | 112                                 | 98 293                                                                                            | 3 936 145      | 40.02                                                  |
| 40 .....                    | 0.00125671                                                | 0.99874329     | 98 237                 | 123                                 | 98 175                                                                                            | 3 837 852      | 39.07                                                  |
| 41 .....                    | 0.00137321                                                | 0.99862679     | 98 114                 | 135                                 | 98 046                                                                                            | 3 739 676      | 38.12                                                  |
| 42 .....                    | 0.00149429                                                | 0.99850571     | 97 979                 | 146                                 | 97 906                                                                                            | 3 641 630      | 37.17                                                  |
| 43 .....                    | 0.00162431                                                | 0.99837569     | 97 832                 | 159                                 | 97 753                                                                                            | 3 543 724      | 36.22                                                  |
| 44 .....                    | 0.00176917                                                | 0.99823083     | 97 674                 | 173                                 | 97 587                                                                                            | 3 445 971      | 35.28                                                  |
| 45 .....                    | 0.00193675                                                | 0.99806325     | 97 501                 | 189                                 | 97 406                                                                                            | 3 348 384      | 34.34                                                  |
| 46 .....                    | 0.00213739                                                | 0.99786261     | 97 312                 | 208                                 | 97 208                                                                                            | 3 250 978      | 33.41                                                  |
| 47 .....                    | 0.00237995                                                | 0.99762005     | 97 104                 | 231                                 | 96 988                                                                                            | 3 153 770      | 32.48                                                  |
| 48 .....                    | 0.00266905                                                | 0.99733095     | 96 873                 | 259                                 | 96 744                                                                                            | 3 056 781      | 31.55                                                  |

|           |            |            |        |       |        |           |       |
|-----------|------------|------------|--------|-------|--------|-----------|-------|
| 49 .....  | 0.00300897 | 0.99699103 | 96 614 | 291   | 96 469 | 2 960 038 | 30.64 |
| 50 .....  | 0.00340346 | 0.99659654 | 96 324 | 328   | 96 160 | 2 863 569 | 29.73 |
| 51 .....  | 0.00385505 | 0.99614495 | 95 996 | 370   | 95 811 | 2 767 409 | 28.83 |
| 52 .....  | 0.00436431 | 0.99563569 | 95 626 | 417   | 95 417 | 2 671 599 | 27.94 |
| 53 .....  | 0.00492887 | 0.99507113 | 95 208 | 469   | 94 974 | 2 576 182 | 27.06 |
| 54 .....  | 0.00554456 | 0.99445544 | 94 739 | 525   | 94 476 | 2 481 208 | 26.19 |
| 55 .....  | 0.00621295 | 0.99378705 | 94 214 | 585   | 93 921 | 2 386 731 | 25.33 |
| 56 .....  | 0.00693800 | 0.99306200 | 93 628 | 650   | 93 304 | 2 292 810 | 24.49 |
| 57 .....  | 0.00772449 | 0.99227551 | 92 979 | 718   | 92 620 | 2 199 507 | 23.66 |
| 58 .....  | 0.00857823 | 0.99142177 | 92 261 | 791   | 91 865 | 2 106 887 | 22.84 |
| 59 .....  | 0.00950627 | 0.99049373 | 91 469 | 870   | 91 034 | 2 015 022 | 22.03 |
| 60 .....  | 0.01051718 | 0.98948282 | 90 600 | 953   | 90 123 | 1 923 988 | 21.24 |
| 61 .....  | 0.01162105 | 0.98837895 | 89 647 | 1 042 | 89 126 | 1 833 864 | 20.46 |
| 62 .....  | 0.01282497 | 0.98717503 | 88 605 | 1 136 | 88 037 | 1 744 738 | 19.69 |
| 63 .....  | 0.01413174 | 0.98586826 | 87 469 | 1 236 | 86 851 | 1 656 702 | 18.94 |
| 64 .....  | 0.01554260 | 0.98445740 | 86 233 | 1 340 | 85 562 | 1 569 851 | 18.20 |
| 65 .....  | 0.01705697 | 0.98294303 | 84 892 | 1 448 | 84 168 | 1 484 289 | 17.48 |
| 66 .....  | 0.01867205 | 0.98132795 | 83 444 | 1 558 | 82 665 | 1 400 120 | 16.78 |
| 67 .....  | 0.02038248 | 0.97961752 | 81 886 | 1 669 | 81 052 | 1 317 455 | 16.09 |
| 68 .....  | 0.02218003 | 0.97781997 | 80 217 | 1 779 | 79 328 | 1 236 403 | 15.41 |
| 69 .....  | 0.02405907 | 0.97594093 | 78 438 | 1 887 | 77 494 | 1 157 076 | 14.75 |
| 70 .....  | 0.02602897 | 0.97397103 | 76 551 | 1 993 | 75 555 | 1 079 581 | 14.10 |
| 71 .....  | 0.02810535 | 0.97189465 | 74 558 | 2 095 | 73 511 | 1 004 027 | 13.47 |
| 72 .....  | 0.03030859 | 0.96969141 | 72 463 | 2 196 | 71 365 | 930 516   | 12.84 |
| 73 .....  | 0.03266445 | 0.96733555 | 70 267 | 2 295 | 69 119 | 859 152   | 12.23 |
| 74 .....  | 0.03520487 | 0.96479513 | 67 971 | 2 393 | 66 775 | 790 033   | 11.62 |
| 75 .....  | 0.03796905 | 0.96203095 | 65 578 | 2 490 | 64 333 | 723 258   | 11.03 |
| 76 .....  | 0.04100495 | 0.95899505 | 63 088 | 2 587 | 61 795 | 658 924   | 10.44 |
| 77 .....  | 0.04437325 | 0.95562675 | 60 502 | 2 685 | 59 159 | 597 129   | 9.87  |
| 78 .....  | 0.04814937 | 0.95185063 | 57 817 | 2 784 | 56 425 | 537 970   | 9.30  |
| 79 .....  | 0.05242543 | 0.94757457 | 55 033 | 2 885 | 53 590 | 481 545   | 8.75  |
| 80 .....  | 0.05731423 | 0.94268577 | 52 148 | 2 989 | 50 653 | 427 955   | 8.21  |
| 81 .....  | 0.06295429 | 0.93704571 | 49 159 | 3 095 | 47 612 | 377 301   | 7.68  |
| 82 .....  | 0.06951631 | 0.93048369 | 46 064 | 3 202 | 44 463 | 329 690   | 7.16  |
| 83 .....  | 0.07721063 | 0.92278937 | 42 862 | 3 309 | 41 207 | 285 226   | 6.65  |
| 84 .....  | 0.08624705 | 0.91375295 | 39 553 | 3 411 | 37 847 | 244 019   | 6.17  |
| 85 .....  | 0.09677605 | 0.90322395 | 36 141 | 3 498 | 34 393 | 206 172   | 5.70  |
| 86 .....  | 0.10893710 | 0.89106290 | 32 644 | 3 556 | 30 866 | 171 780   | 5.26  |
| 87 .....  | 0.12285521 | 0.87714479 | 29 088 | 3 574 | 27 301 | 140 914   | 4.84  |
| 88 .....  | 0.13862763 | 0.86137237 | 25 514 | 3 537 | 23 746 | 113 613   | 4.45  |
| 89 .....  | 0.15630854 | 0.84369146 | 21 977 | 3 435 | 20 260 | 89 867    | 4.09  |
| 90 .....  | 0.17589294 | 0.82410706 | 18 542 | 3 261 | 16 911 | 69 608    | 3.75  |
| 91 .....  | 0.19728452 | 0.80271548 | 15 281 | 3 015 | 13 773 | 52 697    | 3.45  |
| 92 .....  | 0.22018140 | 0.77981860 | 12 266 | 2 701 | 10 916 | 38 923    | 3.17  |
| 93 .....  | 0.24410302 | 0.75589698 | 9 565  | 2 335 | 8 398  | 28 008    | 2.93  |
| 94 .....  | 0.26843239 | 0.73156761 | 7 230  | 1 941 | 6 260  | 19 610    | 2.71  |
| 95 .....  | 0.29244085 | 0.70755915 | 5 289  | 1 547 | 4 516  | 13 350    | 2.52  |
| 96 .....  | 0.31532484 | 0.68467516 | 3 743  | 1 180 | 3 153  | 8 834     | 2.36  |
| 97 .....  | 0.33624806 | 0.66375194 | 2 562  | 862   | 2 132  | 5 682     | 2.22  |
| 98 .....  | 0.35439357 | 0.64560643 | 1 701  | 603   | 1 399  | 3 550     | 2.09  |
| 99 .....  | 0.37807948 | 0.62192052 | 1 098  | 415   | 890    | 2 151     | 1.96  |
| 100 ..... | 0.40086898 | 0.59913102 | 683    | 274   | 546    | 1 260     | 1.85  |

<sup>T</sup> empirische Werte geglättet, im hohen Alter ggfs. extrapoliert.

# Allgemeine Sterbetafel 2021/2023

Berlin

Weiblich

| Vollendetes<br>Alter<br>in Jahren | Sterbe-<br><br>wahrscheinlichkeit<br>vom Alter x bis x+1 <sup>1</sup> | Überlebens-<br><br> | Überlebende<br>im Alter x | Gestorbene<br>im Alter x<br>bis unter x+1 | Von den Überlebenden im Alter x<br>bis zum Alter x+1<br>durchlebte<br>insgesamt<br>noch zu<br>durchlebende<br>Jahre |                | Durchschnittliche<br>Lebenserwartung<br>im Alter x<br>in Jahren |
|-----------------------------------|-----------------------------------------------------------------------|---------------------|---------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------|
| x                                 | q <sub>x</sub>                                                        | p <sub>x</sub>      | l <sub>x</sub>            | d <sub>x</sub>                            | L <sub>x</sub>                                                                                                      | T <sub>x</sub> | e <sub>x</sub>                                                  |
| 0 .....                           | 0.00251131                                                            | 0.99748869          | 100 000                   | 251                                       | 99 786                                                                                                              | 8 317 500      | 83.17                                                           |
| 1 .....                           | 0.00012341                                                            | 0.99987659          | 99 749                    | 12                                        | 99 743                                                                                                              | 8 217 714      | 82.38                                                           |
| 2 .....                           | 0.00011159                                                            | 0.99988841          | 99 737                    | 11                                        | 99 731                                                                                                              | 8 117 971      | 81.39                                                           |
| 3 .....                           | 0.00010204                                                            | 0.99989796          | 99 725                    | 10                                        | 99 720                                                                                                              | 8 018 240      | 80.40                                                           |
| 4 .....                           | 0.00009449                                                            | 0.99990551          | 99 715                    | 9                                         | 99 711                                                                                                              | 7 918 520      | 79.41                                                           |
| 5 .....                           | 0.00008879                                                            | 0.99991121          | 99 706                    | 9                                         | 99 701                                                                                                              | 7 818 809      | 78.42                                                           |
| 6 .....                           | 0.00008478                                                            | 0.99991522          | 99 697                    | 8                                         | 99 693                                                                                                              | 7 719 108      | 77.43                                                           |
| 7 .....                           | 0.00008068                                                            | 0.99991932          | 99 689                    | 8                                         | 99 685                                                                                                              | 7 619 415      | 76.43                                                           |
| 8 .....                           | 0.00007778                                                            | 0.99992222          | 99 680                    | 8                                         | 99 677                                                                                                              | 7 519 731      | 75.44                                                           |
| 9 .....                           | 0.00007825                                                            | 0.99992175          | 99 673                    | 8                                         | 99 669                                                                                                              | 7 420 054      | 74.44                                                           |
| 10 .....                          | 0.00008206                                                            | 0.99991794          | 99 665                    | 8                                         | 99 661                                                                                                              | 7 320 385      | 73.45                                                           |
| 11 .....                          | 0.00008919                                                            | 0.99991081          | 99 657                    | 9                                         | 99 652                                                                                                              | 7 220 724      | 72.46                                                           |
| 12 .....                          | 0.00009506                                                            | 0.99990494          | 99 648                    | 9                                         | 99 643                                                                                                              | 7 121 072      | 71.46                                                           |
| 13 .....                          | 0.00010174                                                            | 0.99989826          | 99 638                    | 10                                        | 99 633                                                                                                              | 7 021 429      | 70.47                                                           |
| 14 .....                          | 0.00010937                                                            | 0.99989063          | 99 628                    | 11                                        | 99 623                                                                                                              | 6 921 795      | 69.48                                                           |
| 15 .....                          | 0.00011761                                                            | 0.99988239          | 99 617                    | 12                                        | 99 611                                                                                                              | 6 822 173      | 68.48                                                           |
| 16 .....                          | 0.00012606                                                            | 0.99987394          | 99 606                    | 13                                        | 99 599                                                                                                              | 6 722 561      | 67.49                                                           |
| 17 .....                          | 0.00013428                                                            | 0.99986572          | 99 593                    | 13                                        | 99 586                                                                                                              | 6 622 962      | 66.50                                                           |
| 18 .....                          | 0.00014218                                                            | 0.99985782          | 99 580                    | 14                                        | 99 573                                                                                                              | 6 523 375      | 65.51                                                           |
| 19 .....                          | 0.00014975                                                            | 0.99985025          | 99 566                    | 15                                        | 99 558                                                                                                              | 6 423 803      | 64.52                                                           |
| 20 .....                          | 0.00015697                                                            | 0.99984303          | 99 551                    | 16                                        | 99 543                                                                                                              | 6 324 245      | 63.53                                                           |
| 21 .....                          | 0.00016386                                                            | 0.99983614          | 99 535                    | 16                                        | 99 527                                                                                                              | 6 224 702      | 62.54                                                           |
| 22 .....                          | 0.00017045                                                            | 0.99982955          | 99 519                    | 17                                        | 99 510                                                                                                              | 6 125 175      | 61.55                                                           |
| 23 .....                          | 0.00017680                                                            | 0.99982320          | 99 502                    | 18                                        | 99 493                                                                                                              | 6 025 665      | 60.56                                                           |
| 24 .....                          | 0.00018299                                                            | 0.99981701          | 99 484                    | 18                                        | 99 475                                                                                                              | 5 926 172      | 59.57                                                           |
| 25 .....                          | 0.00018933                                                            | 0.99981067          | 99 466                    | 19                                        | 99 457                                                                                                              | 5 826 697      | 58.58                                                           |
| 26 .....                          | 0.00019629                                                            | 0.99980371          | 99 447                    | 20                                        | 99 437                                                                                                              | 5 727 240      | 57.59                                                           |
| 27 .....                          | 0.00020443                                                            | 0.99979557          | 99 428                    | 20                                        | 99 417                                                                                                              | 5 627 803      | 56.60                                                           |
| 28 .....                          | 0.00021440                                                            | 0.99978560          | 99 407                    | 21                                        | 99 397                                                                                                              | 5 528 385      | 55.61                                                           |
| 29 .....                          | 0.00022696                                                            | 0.99977304          | 99 386                    | 23                                        | 99 375                                                                                                              | 5 428 989      | 54.63                                                           |
| 30 .....                          | 0.00024312                                                            | 0.99975688          | 99 363                    | 24                                        | 99 351                                                                                                              | 5 329 614      | 53.64                                                           |
| 31 .....                          | 0.00026416                                                            | 0.99973584          | 99 339                    | 26                                        | 99 326                                                                                                              | 5 230 263      | 52.65                                                           |
| 32 .....                          | 0.00029122                                                            | 0.99970878          | 99 313                    | 29                                        | 99 299                                                                                                              | 5 130 937      | 51.66                                                           |
| 33 .....                          | 0.00032462                                                            | 0.99967538          | 99 284                    | 32                                        | 99 268                                                                                                              | 5 031 638      | 50.68                                                           |
| 34 .....                          | 0.00036450                                                            | 0.99963550          | 99 252                    | 36                                        | 99 234                                                                                                              | 4 932 370      | 49.70                                                           |
| 35 .....                          | 0.00041070                                                            | 0.99958930          | 99 216                    | 41                                        | 99 195                                                                                                              | 4 833 136      | 48.71                                                           |
| 36 .....                          | 0.00046260                                                            | 0.99953740          | 99 175                    | 46                                        | 99 152                                                                                                              | 4 733 941      | 47.73                                                           |
| 37 .....                          | 0.00051890                                                            | 0.99948110          | 99 129                    | 51                                        | 99 103                                                                                                              | 4 634 789      | 46.76                                                           |
| 38 .....                          | 0.00057744                                                            | 0.99942256          | 99 078                    | 57                                        | 99 049                                                                                                              | 4 535 686      | 45.78                                                           |
| 39 .....                          | 0.00063553                                                            | 0.99936447          | 99 020                    | 63                                        | 98 989                                                                                                              | 4 436 637      | 44.81                                                           |
| 40 .....                          | 0.00069274                                                            | 0.99930726          | 98 957                    | 69                                        | 98 923                                                                                                              | 4 337 648      | 43.83                                                           |
| 41 .....                          | 0.00075019                                                            | 0.99924981          | 98 889                    | 74                                        | 98 852                                                                                                              | 4 238 725      | 42.86                                                           |
| 42 .....                          | 0.00080961                                                            | 0.99919039          | 98 815                    | 80                                        | 98 775                                                                                                              | 4 139 873      | 41.90                                                           |
| 43 .....                          | 0.00087344                                                            | 0.99912656          | 98 735                    | 86                                        | 98 692                                                                                                              | 4 041 098      | 40.93                                                           |
| 44 .....                          | 0.00094492                                                            | 0.99905508          | 98 648                    | 93                                        | 98 602                                                                                                              | 3 942 407      | 39.96                                                           |
| 45 .....                          | 0.00102826                                                            | 0.99897174          | 98 555                    | 101                                       | 98 505                                                                                                              | 3 843 805      | 39.00                                                           |
| 46 .....                          | 0.00112896                                                            | 0.99887104          | 98 454                    | 111                                       | 98 398                                                                                                              | 3 745 300      | 38.04                                                           |
| 47 .....                          | 0.00125164                                                            | 0.99874836          | 98 343                    | 123                                       | 98 281                                                                                                              | 3 646 902      | 37.08                                                           |
| 48 .....                          | 0.00139864                                                            | 0.99860136          | 98 220                    | 137                                       | 98 151                                                                                                              | 3 548 621      | 36.13                                                           |
| 49 .....                          | 0.00157216                                                            | 0.99842784          | 98 082                    | 154                                       | 98 005                                                                                                              | 3 450 470      | 35.18                                                           |

|     |            |            |        |       |        |           |       |
|-----|------------|------------|--------|-------|--------|-----------|-------|
| 50  | 0.00177413 | 0.99822587 | 97 928 | 174   | 97 841 | 3 352 464 | 34.23 |
| 51  | 0.00200587 | 0.99799413 | 97 754 | 196   | 97 656 | 3 254 623 | 33.29 |
| 52  | 0.00226772 | 0.99773228 | 97 558 | 221   | 97 448 | 3 156 967 | 32.36 |
| 53  | 0.00255846 | 0.99744154 | 97 337 | 249   | 97 213 | 3 059 519 | 31.43 |
| 54  | 0.00287604 | 0.99712396 | 97 088 | 279   | 96 948 | 2 962 306 | 30.51 |
| 55  | 0.00322198 | 0.99677802 | 96 809 | 312   | 96 653 | 2 865 358 | 29.60 |
| 56  | 0.00359943 | 0.99640057 | 96 497 | 347   | 96 323 | 2 768 705 | 28.69 |
| 57  | 0.00401235 | 0.99598765 | 96 150 | 386   | 95 957 | 2 672 382 | 27.79 |
| 58  | 0.00446567 | 0.99553433 | 95 764 | 428   | 95 550 | 2 576 425 | 26.90 |
| 59  | 0.00496557 | 0.99503443 | 95 336 | 473   | 95 099 | 2 480 875 | 26.02 |
| 60  | 0.00551969 | 0.99448031 | 94 863 | 524   | 94 601 | 2 385 776 | 25.15 |
| 61  | 0.00613727 | 0.99386273 | 94 339 | 579   | 94 050 | 2 291 175 | 24.29 |
| 62  | 0.00682502 | 0.99317498 | 93 760 | 640   | 93 440 | 2 197 125 | 23.43 |
| 63  | 0.00758597 | 0.99241403 | 93 120 | 706   | 92 767 | 2 103 685 | 22.59 |
| 64  | 0.00842167 | 0.99157833 | 92 414 | 778   | 92 025 | 2 010 918 | 21.76 |
| 65  | 0.00933187 | 0.99066813 | 91 636 | 855   | 91 208 | 1 918 894 | 20.94 |
| 66  | 0.01031399 | 0.98968601 | 90 780 | 936   | 90 312 | 1 827 686 | 20.13 |
| 67  | 0.01136259 | 0.98863741 | 89 844 | 1 021 | 89 334 | 1 737 373 | 19.34 |
| 68  | 0.01246890 | 0.98753110 | 88 823 | 1 108 | 88 269 | 1 648 040 | 18.55 |
| 69  | 0.01362609 | 0.98637391 | 87 716 | 1 195 | 87 118 | 1 559 770 | 17.78 |
| 70  | 0.01484158 | 0.98515842 | 86 520 | 1 284 | 85 878 | 1 472 652 | 17.02 |
| 71  | 0.01612890 | 0.98387110 | 85 236 | 1 375 | 84 549 | 1 386 774 | 16.27 |
| 72  | 0.01750622 | 0.98249378 | 83 862 | 1 468 | 83 128 | 1 302 225 | 15.53 |
| 73  | 0.01899717 | 0.98100283 | 82 394 | 1 565 | 81 611 | 1 219 097 | 14.80 |
| 74  | 0.02063177 | 0.97936823 | 80 828 | 1 668 | 79 994 | 1 137 486 | 14.07 |
| 75  | 0.02244781 | 0.97755219 | 79 161 | 1 777 | 78 272 | 1 057 492 | 13.36 |
| 76  | 0.02449220 | 0.97550780 | 77 384 | 1 895 | 76 436 | 979 220   | 12.65 |
| 77  | 0.02681903 | 0.97318097 | 75 488 | 2 025 | 74 476 | 902 784   | 11.96 |
| 78  | 0.02949274 | 0.97050726 | 73 464 | 2 167 | 72 380 | 828 308   | 11.28 |
| 79  | 0.03259352 | 0.96740648 | 71 297 | 2 324 | 70 135 | 755 927   | 10.60 |
| 80  | 0.03622175 | 0.96377825 | 68 973 | 2 498 | 67 724 | 685 792   | 9.94  |
| 81  | 0.04050365 | 0.95949635 | 66 475 | 2 692 | 65 129 | 618 068   | 9.30  |
| 82  | 0.04559883 | 0.95440117 | 63 783 | 2 908 | 62 328 | 552 939   | 8.67  |
| 83  | 0.05170941 | 0.94829059 | 60 874 | 3 148 | 59 300 | 490 611   | 8.06  |
| 84  | 0.05904244 | 0.94095756 | 57 726 | 3 408 | 56 022 | 431 310   | 7.47  |
| 85  | 0.06774691 | 0.93225309 | 54 318 | 3 680 | 52 478 | 375 288   | 6.91  |
| 86  | 0.07795243 | 0.92204757 | 50 638 | 3 947 | 48 664 | 322 810   | 6.37  |
| 87  | 0.08975879 | 0.91024121 | 46 691 | 4 191 | 44 595 | 274 146   | 5.87  |
| 88  | 0.10321451 | 0.89678549 | 42 500 | 4 387 | 40 307 | 229 550   | 5.40  |
| 89  | 0.11829318 | 0.88170682 | 38 113 | 4 509 | 35 859 | 189 244   | 4.97  |
| 90  | 0.13487017 | 0.86512983 | 33 605 | 4 532 | 31 339 | 153 385   | 4.56  |
| 91  | 0.15273166 | 0.84726834 | 29 072 | 4 440 | 26 852 | 122 046   | 4.20  |
| 92  | 0.17173786 | 0.82826214 | 24 632 | 4 230 | 22 517 | 95 194    | 3.86  |
| 93  | 0.19177855 | 0.80822145 | 20 402 | 3 913 | 18 446 | 72 677    | 3.56  |
| 94  | 0.21272321 | 0.78727679 | 16 489 | 3 508 | 14 735 | 54 231    | 3.29  |
| 95  | 0.23442519 | 0.76557481 | 12 982 | 3 043 | 11 460 | 39 496    | 3.04  |
| 96  | 0.25672663 | 0.74327337 | 9 938  | 2 551 | 8 663  | 28 036    | 2.82  |
| 97  | 0.27946375 | 0.72053625 | 7 387  | 2 064 | 6 355  | 19 373    | 2.62  |
| 98  | 0.30247043 | 0.69752957 | 5 323  | 1 610 | 4 518  | 13 018    | 2.45  |
| 99  | 0.32552935 | 0.67447065 | 3 713  | 1 209 | 3 108  | 8 501     | 2.29  |
| 100 | 0.34398909 | 0.65601091 | 2 504  | 861   | 2 073  | 5 392     | 2.15  |

<sup>1</sup> empirische Werte geglättet, im hohen Alter ggfs. extrapoliert.