

Statistisches Bundesamt, pers. Communication (10.03.2025): Complete Life Table by sex - North Rhine-Westphalia - 2011/2013.

# Sterbetafel 2011/13

Nordrhein-Westfalen

Männlich

| 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<br>Alter x+1<br>durchlebte |                | Durchschnittliche<br>Lebenserwartung<br>im Alter x<br>in Jahren |                |
|-----------------------------------|------------------------------------------------------------------------|----------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------|----------------|-----------------------------------------------------------------|----------------|
|                                   |                                                                        |                                              |                                           | Jahre                                                                 |                |                                                                 |                |
| 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 .....                           | 0.00427874                                                             | 0.99572126                                   | 100 000                                   | 428                                                                   | 99 637         | 7 758 424                                                       | 77.58          |
| 1 .....                           | 0.00038917                                                             | 0.99961083                                   | 99 572                                    | 39                                                                    | 99 553         | 7 658 787                                                       | 76.92          |
| 2 .....                           | 0.00019474                                                             | 0.99980526                                   | 99 533                                    | 19                                                                    | 99 524         | 7 559 234                                                       | 75.95          |
| 3 .....                           | 0.00014839                                                             | 0.99985161                                   | 99 514                                    | 15                                                                    | 99 507         | 7 459 710                                                       | 74.96          |
| 4 .....                           | 0.00014260                                                             | 0.99985740                                   | 99 499                                    | 14                                                                    | 99 492         | 7 360 204                                                       | 73.97          |
| 5 .....                           | 0.00013712                                                             | 0.99986288                                   | 99 485                                    | 14                                                                    | 99 478         | 7 260 712                                                       | 72.98          |
| 6 .....                           | 0.00005947                                                             | 0.99994053                                   | 99 471                                    | 6                                                                     | 99 468         | 7 161 233                                                       | 71.99          |
| 7 .....                           | 0.00007511                                                             | 0.99992489                                   | 99 465                                    | 7                                                                     | 99 462         | 7 061 765                                                       | 71.00          |
| 8 .....                           | 0.00013086                                                             | 0.99986914                                   | 99 458                                    | 13                                                                    | 99 452         | 6 962 303                                                       | 70.00          |
| 9 .....                           | 0.00010811                                                             | 0.99989189                                   | 99 445                                    | 11                                                                    | 99 440         | 6 862 852                                                       | 69.01          |
| 10 .....                          | 0.00011690                                                             | 0.99988310                                   | 99 434                                    | 12                                                                    | 99 428         | 6 763 412                                                       | 68.02          |
| 11 .....                          | 0.00009084                                                             | 0.99990916                                   | 99 423                                    | 9                                                                     | 99 418         | 6 663 984                                                       | 67.03          |
| 12 .....                          | 0.00009573                                                             | 0.99990427                                   | 99 414                                    | 10                                                                    | 99 409         | 6 564 566                                                       | 66.03          |
| 13 .....                          | 0.00011456                                                             | 0.99988544                                   | 99 404                                    | 11                                                                    | 99 398         | 6 465 157                                                       | 65.04          |
| 14 .....                          | 0.00010125                                                             | 0.99989875                                   | 99 393                                    | 10                                                                    | 99 388         | 6 365 758                                                       | 64.05          |
| 15 .....                          | 0.00016208                                                             | 0.99983792                                   | 99 383                                    | 16                                                                    | 99 375         | 6 266 371                                                       | 63.05          |
| 16 .....                          | 0.00023766                                                             | 0.99976234                                   | 99 367                                    | 24                                                                    | 99 355         | 6 166 996                                                       | 62.06          |
| 17 .....                          | 0.00031843                                                             | 0.99968157                                   | 99 343                                    | 32                                                                    | 99 327         | 6 067 641                                                       | 61.08          |
| 18 .....                          | 0.00033427                                                             | 0.99966573                                   | 99 311                                    | 33                                                                    | 99 295         | 5 968 314                                                       | 60.10          |
| 19 .....                          | 0.00037479                                                             | 0.99962521                                   | 99 278                                    | 37                                                                    | 99 259         | 5 869 020                                                       | 59.12          |
| 20 .....                          | 0.00042743                                                             | 0.99957257                                   | 99 241                                    | 42                                                                    | 99 220         | 5 769 760                                                       | 58.14          |
| 21 .....                          | 0.00043312                                                             | 0.99956688                                   | 99 198                                    | 43                                                                    | 99 177         | 5 670 541                                                       | 57.16          |
| 22 .....                          | 0.00039648                                                             | 0.99960352                                   | 99 155                                    | 39                                                                    | 99 136         | 5 571 364                                                       | 56.19          |
| 23 .....                          | 0.00049876                                                             | 0.99950124                                   | 99 116                                    | 49                                                                    | 99 091         | 5 472 228                                                       | 55.21          |
| 24 .....                          | 0.00044421                                                             | 0.99955579                                   | 99 067                                    | 44                                                                    | 99 045         | 5 373 136                                                       | 54.24          |
| 25 .....                          | 0.00051272                                                             | 0.99948728                                   | 99 023                                    | 51                                                                    | 98 997         | 5 274 092                                                       | 53.26          |
| 26 .....                          | 0.00049597                                                             | 0.99950403                                   | 98 972                                    | 49                                                                    | 98 947         | 5 175 094                                                       | 52.29          |
| 27 .....                          | 0.00051595                                                             | 0.99948405                                   | 98 923                                    | 51                                                                    | 98 897         | 5 076 147                                                       | 51.31          |
| 28 .....                          | 0.00056093                                                             | 0.99943907                                   | 98 872                                    | 55                                                                    | 98 844         | 4 977 250                                                       | 50.34          |
| 29 .....                          | 0.00055238                                                             | 0.99944762                                   | 98 816                                    | 55                                                                    | 98 789         | 4 878 405                                                       | 49.37          |
| 30 .....                          | 0.00059973                                                             | 0.99940027                                   | 98 762                                    | 59                                                                    | 98 732         | 4 779 616                                                       | 48.40          |
| 31 .....                          | 0.00065923                                                             | 0.99934077                                   | 98 703                                    | 65                                                                    | 98 670         | 4 680 884                                                       | 47.42          |
| 32 .....                          | 0.00067958                                                             | 0.99932042                                   | 98 637                                    | 67                                                                    | 98 604         | 4 582 214                                                       | 46.46          |
| 33 .....                          | 0.00071555                                                             | 0.99928445                                   | 98 570                                    | 71                                                                    | 98 535         | 4 483 610                                                       | 45.49          |
| 34 .....                          | 0.00072433                                                             | 0.99927567                                   | 98 500                                    | 71                                                                    | 98 464         | 4 385 075                                                       | 44.52          |
| 35 .....                          | 0.00086025                                                             | 0.99913975                                   | 98 429                                    | 85                                                                    | 98 386         | 4 286 611                                                       | 43.55          |
| 36 .....                          | 0.00087565                                                             | 0.99912435                                   | 98 344                                    | 86                                                                    | 98 301         | 4 188 225                                                       | 42.59          |
| 37 .....                          | 0.00086516                                                             | 0.99913484                                   | 98 258                                    | 85                                                                    | 98 215         | 4 089 924                                                       | 41.62          |
| 38 .....                          | 0.00104354                                                             | 0.99895646                                   | 98 173                                    | 102                                                                   | 98 122         | 3 991 708                                                       | 40.66          |
| 39 .....                          | 0.00115821                                                             | 0.99884179                                   | 98 070                                    | 114                                                                   | 98 014         | 3 893 587                                                       | 39.70          |
| 40 .....                          | 0.00128901                                                             | 0.99871099                                   | 97 957                                    | 126                                                                   | 97 894         | 3 795 573                                                       | 38.75          |
| 41 .....                          | 0.00141757                                                             | 0.99858243                                   | 97 830                                    | 139                                                                   | 97 761         | 3 697 680                                                       | 37.80          |
| 42 .....                          | 0.00155530                                                             | 0.99844470                                   | 97 692                                    | 152                                                                   | 97 616         | 3 599 919                                                       | 36.85          |
| 43 .....                          | 0.00176931                                                             | 0.99823069                                   | 97 540                                    | 173                                                                   | 97 454         | 3 502 303                                                       | 35.91          |
| 44 .....                          | 0.00196069                                                             | 0.99803931                                   | 97 367                                    | 191                                                                   | 97 272         | 3 404 849                                                       | 34.97          |
| 45 .....                          | 0.00210364                                                             | 0.99789636                                   | 97 176                                    | 204                                                                   | 97 074         | 3 307 577                                                       | 34.04          |
| 46 .....                          | 0.00236774                                                             | 0.99763226                                   | 96 972                                    | 230                                                                   | 96 857         | 3 210 503                                                       | 33.11          |
| 47 .....                          | 0.00251207                                                             | 0.99748793                                   | 96 742                                    | 243                                                                   | 96 621         | 3 113 646                                                       | 32.18          |
| 48 .....                          | 0.00293946                                                             | 0.99706054                                   | 96 499                                    | 284                                                                   | 96 357         | 3 017 025                                                       | 31.26          |
| 49 .....                          | 0.00332021                                                             | 0.99667979                                   | 96 216                                    | 319                                                                   | 96 056         | 2 920 668                                                       | 30.36          |
| 50 .....                          | 0.00381767                                                             | 0.99618233                                   | 95 896                                    | 366                                                                   | 95 713         | 2 824 612                                                       | 29.45          |
| 51 .....                          | 0.00428057                                                             | 0.99571943                                   | 95 530                                    | 409                                                                   | 95 326         | 2 728 899                                                       | 28.57          |
| 52 .....                          | 0.00498041                                                             | 0.99501959                                   | 95 121                                    | 474                                                                   | 94 884         | 2 633 573                                                       | 27.69          |
| 53 .....                          | 0.00541230                                                             | 0.99458770                                   | 94 647                                    | 512                                                                   | 94 391         | 2 538 689                                                       | 26.82          |
| 54 .....                          | 0.00610008                                                             | 0.99389992                                   | 94 135                                    | 574                                                                   | 93 848         | 2 444 297                                                       | 25.97          |
| 55 .....                          | 0.00669814                                                             | 0.99330186                                   | 93 561                                    | 627                                                                   | 93 248         | 2 350 449                                                       | 25.12          |

|     |            |            |        |       |        |           |       |
|-----|------------|------------|--------|-------|--------|-----------|-------|
| 56  | 0.00752427 | 0.99247573 | 92 934 | 699   | 92 585 | 2 257 202 | 24.29 |
| 57  | 0.00817551 | 0.99182449 | 92 235 | 754   | 91 858 | 2 164 617 | 23.47 |
| 58  | 0.00880367 | 0.99119633 | 91 481 | 805   | 91 078 | 2 072 759 | 22.66 |
| 59  | 0.00995167 | 0.99004833 | 90 676 | 902   | 90 224 | 1 981 681 | 21.85 |
| 60  | 0.01107790 | 0.98892210 | 89 773 | 994   | 89 276 | 1 891 457 | 21.07 |
| 61  | 0.01172331 | 0.98827669 | 88 779 | 1 041 | 88 258 | 1 802 181 | 20.30 |
| 62  | 0.01220220 | 0.98779780 | 87 738 | 1 071 | 87 203 | 1 713 922 | 19.53 |
| 63  | 0.01271604 | 0.98728396 | 86 667 | 1 102 | 86 116 | 1 626 720 | 18.77 |
| 64  | 0.01486325 | 0.98513675 | 85 565 | 1 272 | 84 929 | 1 540 603 | 18.01 |
| 65  | 0.01568228 | 0.98431772 | 84 293 | 1 322 | 83 633 | 1 455 674 | 17.27 |
| 66  | 0.01709766 | 0.98290234 | 82 972 | 1 419 | 82 262 | 1 372 042 | 16.54 |
| 67  | 0.01837287 | 0.98162713 | 81 553 | 1 498 | 80 804 | 1 289 779 | 15.82 |
| 68  | 0.02094719 | 0.97905281 | 80 055 | 1 677 | 79 216 | 1 208 976 | 15.10 |
| 69  | 0.02180897 | 0.97819103 | 78 378 | 1 709 | 77 523 | 1 129 759 | 14.41 |
| 70  | 0.02369894 | 0.97630106 | 76 668 | 1 817 | 75 760 | 1 052 236 | 13.72 |
| 71  | 0.02583989 | 0.97416011 | 74 851 | 1 934 | 73 884 | 976 477   | 13.05 |
| 72  | 0.02840911 | 0.97159089 | 72 917 | 2 072 | 71 881 | 902 592   | 12.38 |
| 73  | 0.03079385 | 0.96920615 | 70 846 | 2 182 | 69 755 | 830 711   | 11.73 |
| 74  | 0.03326373 | 0.96673627 | 68 664 | 2 284 | 67 522 | 760 956   | 11.08 |
| 75  | 0.03734029 | 0.96265971 | 66 380 | 2 479 | 65 141 | 693 434   | 10.45 |
| 76  | 0.04189628 | 0.95810372 | 63 901 | 2 677 | 62 563 | 628 293   | 9.83  |
| 77  | 0.04767647 | 0.95232353 | 61 224 | 2 919 | 59 765 | 565 730   | 9.24  |
| 78  | 0.05235122 | 0.94764878 | 58 305 | 3 052 | 56 779 | 505 966   | 8.68  |
| 79  | 0.05828560 | 0.94171440 | 55 253 | 3 220 | 53 643 | 449 187   | 8.13  |
| 80  | 0.06476967 | 0.93523033 | 52 032 | 3 370 | 50 347 | 395 544   | 7.60  |
| 81  | 0.07295777 | 0.92704223 | 48 662 | 3 550 | 46 887 | 345 197   | 7.09  |
| 82  | 0.08298517 | 0.91701483 | 45 112 | 3 744 | 43 240 | 298 309   | 6.61  |
| 83  | 0.09206363 | 0.90793637 | 41 368 | 3 809 | 39 464 | 255 069   | 6.17  |
| 84  | 0.10071308 | 0.89928692 | 37 560 | 3 783 | 35 668 | 215 605   | 5.74  |
| 85  | 0.11208828 | 0.88791172 | 33 777 | 3 786 | 31 884 | 179 937   | 5.33  |
| 86  | 0.12383386 | 0.87616614 | 29 991 | 3 714 | 28 134 | 148 053   | 4.94  |
| 87  | 0.13861238 | 0.86138762 | 26 277 | 3 642 | 24 456 | 119 918   | 4.56  |
| 88  | 0.15413183 | 0.84586817 | 22 635 | 3 489 | 20 890 | 95 462    | 4.22  |
| 89  | 0.17083321 | 0.82916679 | 19 146 | 3 271 | 17 511 | 74 572    | 3.89  |
| 90  | 0.18819513 | 0.81180487 | 15 875 | 2 988 | 14 381 | 57 061    | 3.59  |
| 91  | 0.21769803 | 0.78230197 | 12 888 | 2 806 | 11 485 | 42 680    | 3.31  |
| 92  | 0.23581069 | 0.76418931 | 10 082 | 2 377 | 8 893  | 31 195    | 3.09  |
| 93  | 0.25022753 | 0.74977247 | 7 705  | 1 928 | 6 741  | 22 302    | 2.89  |
| 94  | 0.27104271 | 0.72895729 | 5 777  | 1 566 | 4 994  | 15 561    | 2.69  |
| 95  | 0.29322826 | 0.70677174 | 4 211  | 1 235 | 3 594  | 10 567    | 2.51  |
| 96  | 0.31574267 | 0.68425733 | 2 976  | 940   | 2 506  | 6 974     | 2.34  |
| 97  | 0.33835165 | 0.66164835 | 2 036  | 689   | 1 692  | 4 467     | 2.19  |
| 98  | 0.36081606 | 0.63918394 | 1 347  | 486   | 1 104  | 2 775     | 2.06  |
| 99  | 0.38290213 | 0.61709787 | 861    | 330   | 696    | 1 671     | 1.94  |
| 100 | 0.40439125 | 0.59560875 | 531    | 215   | 424    | 975       | 1.83  |

<sup>1)</sup> Rohe Beobachtungswerte im Betrachtungszeitraum, ab Alter 94 Schätzwerte eines Extrapolationsmodells.

# Sterbetafel 2011/13

Nordrhein-Westfalen

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<br>Alter x+1<br>durchlebte | insgesamt<br>noch zu<br>durchlebende<br><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 .....                           | 0.00361472                                                             | 0.99638528                                   | 100 000                                   | 361                                                                   | 99 688                                            | 8 241 419                                                       | 82.41          |
| 1 .....                           | 0.00025392                                                             | 0.99974608                                   | 99 639                                    | 25                                                                    | 99 626                                            | 8 141 731                                                       | 81.71          |
| 2 .....                           | 0.00018189                                                             | 0.99981811                                   | 99 613                                    | 18                                                                    | 99 604                                            | 8 042 105                                                       | 80.73          |
| 3 .....                           | 0.00011962                                                             | 0.99988038                                   | 99 595                                    | 12                                                                    | 99 589                                            | 7 942 501                                                       | 79.75          |
| 4 .....                           | 0.00011399                                                             | 0.99988601                                   | 99 583                                    | 11                                                                    | 99 578                                            | 7 842 911                                                       | 78.76          |
| 5 .....                           | 0.00011310                                                             | 0.99988690                                   | 99 572                                    | 11                                                                    | 99 566                                            | 7 743 334                                                       | 77.77          |
| 6 .....                           | 0.00010317                                                             | 0.99989683                                   | 99 561                                    | 10                                                                    | 99 555                                            | 7 643 768                                                       | 76.78          |
| 7 .....                           | 0.00009267                                                             | 0.99990733                                   | 99 550                                    | 9                                                                     | 99 546                                            | 7 544 212                                                       | 75.78          |
| 8 .....                           | 0.00009077                                                             | 0.99990923                                   | 99 541                                    | 9                                                                     | 99 537                                            | 7 444 667                                                       | 74.79          |
| 9 .....                           | 0.00007190                                                             | 0.99992810                                   | 99 532                                    | 7                                                                     | 99 528                                            | 7 345 130                                                       | 73.80          |
| 10 .....                          | 0.00005762                                                             | 0.99994238                                   | 99 525                                    | 6                                                                     | 99 522                                            | 7 245 602                                                       | 72.80          |
| 11 .....                          | 0.00007183                                                             | 0.99992817                                   | 99 519                                    | 7                                                                     | 99 516                                            | 7 146 080                                                       | 71.81          |
| 12 .....                          | 0.00009307                                                             | 0.99990693                                   | 99 512                                    | 9                                                                     | 99 507                                            | 7 046 564                                                       | 70.81          |
| 13 .....                          | 0.00007919                                                             | 0.99992081                                   | 99 503                                    | 8                                                                     | 99 499                                            | 6 947 057                                                       | 69.82          |
| 14 .....                          | 0.00009196                                                             | 0.99990804                                   | 99 495                                    | 9                                                                     | 99 490                                            | 6 847 558                                                       | 68.82          |
| 15 .....                          | 0.00016697                                                             | 0.99983303                                   | 99 486                                    | 17                                                                    | 99 477                                            | 6 748 067                                                       | 67.83          |
| 16 .....                          | 0.00009417                                                             | 0.99990583                                   | 99 469                                    | 9                                                                     | 99 464                                            | 6 648 590                                                       | 66.84          |
| 17 .....                          | 0.00012950                                                             | 0.99987050                                   | 99 460                                    | 13                                                                    | 99 453                                            | 6 549 126                                                       | 65.85          |
| 18 .....                          | 0.00016851                                                             | 0.99983149                                   | 99 447                                    | 17                                                                    | 99 438                                            | 6 449 672                                                       | 64.86          |
| 19 .....                          | 0.00016734                                                             | 0.99983266                                   | 99 430                                    | 17                                                                    | 99 422                                            | 6 350 234                                                       | 63.87          |
| 20 .....                          | 0.00014965                                                             | 0.99985035                                   | 99 413                                    | 15                                                                    | 99 406                                            | 6 250 812                                                       | 62.88          |
| 21 .....                          | 0.00018525                                                             | 0.99981475                                   | 99 399                                    | 18                                                                    | 99 389                                            | 6 151 406                                                       | 61.89          |
| 22 .....                          | 0.00017867                                                             | 0.99982133                                   | 99 380                                    | 18                                                                    | 99 371                                            | 6 052 017                                                       | 60.90          |
| 23 .....                          | 0.00019003                                                             | 0.99980997                                   | 99 362                                    | 19                                                                    | 99 353                                            | 5 952 645                                                       | 59.91          |
| 24 .....                          | 0.00024700                                                             | 0.99975300                                   | 99 344                                    | 25                                                                    | 99 331                                            | 5 853 292                                                       | 58.92          |
| 25 .....                          | 0.00025518                                                             | 0.99974482                                   | 99 319                                    | 25                                                                    | 99 306                                            | 5 753 961                                                       | 57.93          |
| 26 .....                          | 0.00027233                                                             | 0.99972767                                   | 99 294                                    | 27                                                                    | 99 280                                            | 5 654 655                                                       | 56.95          |
| 27 .....                          | 0.00022596                                                             | 0.99977404                                   | 99 267                                    | 22                                                                    | 99 255                                            | 5 555 375                                                       | 55.96          |
| 28 .....                          | 0.00027097                                                             | 0.99972903                                   | 99 244                                    | 27                                                                    | 99 231                                            | 5 456 119                                                       | 54.98          |
| 29 .....                          | 0.00028664                                                             | 0.99971336                                   | 99 217                                    | 28                                                                    | 99 203                                            | 5 356 889                                                       | 53.99          |
| 30 .....                          | 0.00025428                                                             | 0.99974572                                   | 99 189                                    | 25                                                                    | 99 176                                            | 5 257 685                                                       | 53.01          |
| 31 .....                          | 0.00025119                                                             | 0.99974881                                   | 99 164                                    | 25                                                                    | 99 151                                            | 5 158 509                                                       | 52.02          |
| 32 .....                          | 0.00034470                                                             | 0.99965530                                   | 99 139                                    | 34                                                                    | 99 122                                            | 5 059 358                                                       | 51.03          |
| 33 .....                          | 0.00039683                                                             | 0.99960317                                   | 99 105                                    | 39                                                                    | 99 085                                            | 4 960 236                                                       | 50.05          |
| 34 .....                          | 0.00043367                                                             | 0.99956633                                   | 99 065                                    | 43                                                                    | 99 044                                            | 4 861 152                                                       | 49.07          |
| 35 .....                          | 0.00049758                                                             | 0.99950242                                   | 99 022                                    | 49                                                                    | 98 998                                            | 4 762 108                                                       | 48.09          |
| 36 .....                          | 0.00052104                                                             | 0.99947896                                   | 98 973                                    | 52                                                                    | 98 947                                            | 4 663 110                                                       | 47.11          |
| 37 .....                          | 0.00054278                                                             | 0.99945722                                   | 98 921                                    | 54                                                                    | 98 895                                            | 4 564 163                                                       | 46.14          |
| 38 .....                          | 0.00058341                                                             | 0.99941659                                   | 98 868                                    | 58                                                                    | 98 839                                            | 4 465 268                                                       | 45.16          |
| 39 .....                          | 0.00065835                                                             | 0.99934165                                   | 98 810                                    | 65                                                                    | 98 778                                            | 4 366 429                                                       | 44.19          |
| 40 .....                          | 0.00073571                                                             | 0.99926429                                   | 98 745                                    | 73                                                                    | 98 709                                            | 4 267 652                                                       | 43.22          |
| 41 .....                          | 0.00080630                                                             | 0.99919370                                   | 98 672                                    | 80                                                                    | 98 633                                            | 4 168 943                                                       | 42.25          |
| 42 .....                          | 0.00081582                                                             | 0.99918418                                   | 98 593                                    | 80                                                                    | 98 553                                            | 4 070 311                                                       | 41.28          |
| 43 .....                          | 0.00102302                                                             | 0.99897698                                   | 98 512                                    | 101                                                                   | 98 462                                            | 3 971 758                                                       | 40.32          |
| 44 .....                          | 0.00108689                                                             | 0.99891311                                   | 98 412                                    | 107                                                                   | 98 358                                            | 3 873 296                                                       | 39.36          |
| 45 .....                          | 0.00120057                                                             | 0.99879943                                   | 98 305                                    | 118                                                                   | 98 246                                            | 3 774 938                                                       | 38.40          |
| 46 .....                          | 0.00144173                                                             | 0.99855827                                   | 98 187                                    | 142                                                                   | 98 116                                            | 3 676 693                                                       | 37.45          |
| 47 .....                          | 0.00168397                                                             | 0.99831603                                   | 98 045                                    | 165                                                                   | 97 962                                            | 3 578 577                                                       | 36.50          |
| 48 .....                          | 0.00175153                                                             | 0.99824847                                   | 97 880                                    | 171                                                                   | 97 794                                            | 3 480 614                                                       | 35.56          |
| 49 .....                          | 0.00204840                                                             | 0.99795160                                   | 97 708                                    | 200                                                                   | 97 608                                            | 3 382 820                                                       | 34.62          |
| 50 .....                          | 0.00218209                                                             | 0.99781791                                   | 97 508                                    | 213                                                                   | 97 402                                            | 3 285 212                                                       | 33.69          |
| 51 .....                          | 0.00269381                                                             | 0.99730619                                   | 97 296                                    | 262                                                                   | 97 165                                            | 3 187 810                                                       | 32.76          |
| 52 .....                          | 0.00296522                                                             | 0.99703478                                   | 97 033                                    | 288                                                                   | 96 890                                            | 3 090 645                                                       | 31.85          |
| 53 .....                          | 0.00318807                                                             | 0.99681193                                   | 96 746                                    | 308                                                                   | 96 592                                            | 2 993 756                                                       | 30.94          |
| 54 .....                          | 0.00358543                                                             | 0.99641457                                   | 96 437                                    | 346                                                                   | 96 264                                            | 2 897 164                                                       | 30.04          |
| 55 .....                          | 0.00385047                                                             | 0.99614953                                   | 96 092                                    | 370                                                                   | 95 907                                            | 2 800 900                                                       | 29.15          |

|     |            |            |        |       |        |           |       |
|-----|------------|------------|--------|-------|--------|-----------|-------|
| 56  | 0.00414110 | 0.99585890 | 95 722 | 396   | 95 523 | 2 704 993 | 28.26 |
| 57  | 0.00450738 | 0.99549262 | 95 325 | 430   | 95 110 | 2 609 470 | 27.37 |
| 58  | 0.00496305 | 0.99503695 | 94 895 | 471   | 94 660 | 2 514 359 | 26.50 |
| 59  | 0.00538780 | 0.99461220 | 94 425 | 509   | 94 170 | 2 419 699 | 25.63 |
| 60  | 0.00589609 | 0.99410391 | 93 916 | 554   | 93 639 | 2 325 529 | 24.76 |
| 61  | 0.00624330 | 0.99375670 | 93 362 | 583   | 93 071 | 2 231 890 | 23.91 |
| 62  | 0.00688241 | 0.99311759 | 92 779 | 639   | 92 460 | 2 138 820 | 23.05 |
| 63  | 0.00742427 | 0.99257573 | 92 141 | 684   | 91 799 | 2 046 360 | 22.21 |
| 64  | 0.00819857 | 0.99180143 | 91 457 | 750   | 91 082 | 1 954 561 | 21.37 |
| 65  | 0.00874233 | 0.99125767 | 90 707 | 793   | 90 310 | 1 863 480 | 20.54 |
| 66  | 0.00980583 | 0.99019417 | 89 914 | 882   | 89 473 | 1 773 169 | 19.72 |
| 67  | 0.01030824 | 0.98969176 | 89 032 | 918   | 88 573 | 1 683 697 | 18.91 |
| 68  | 0.01115775 | 0.98884225 | 88 114 | 983   | 87 623 | 1 595 123 | 18.10 |
| 69  | 0.01189459 | 0.98810541 | 87 131 | 1 036 | 86 613 | 1 507 501 | 17.30 |
| 70  | 0.01295735 | 0.98704265 | 86 095 | 1 116 | 85 537 | 1 420 888 | 16.50 |
| 71  | 0.01391088 | 0.98608912 | 84 979 | 1 182 | 84 388 | 1 335 351 | 15.71 |
| 72  | 0.01533806 | 0.98466194 | 83 797 | 1 285 | 83 154 | 1 250 963 | 14.93 |
| 73  | 0.01655206 | 0.98344794 | 82 512 | 1 366 | 81 829 | 1 167 808 | 14.15 |
| 74  | 0.01877408 | 0.98122592 | 81 146 | 1 523 | 80 384 | 1 085 979 | 13.38 |
| 75  | 0.02101718 | 0.97898282 | 79 623 | 1 673 | 78 786 | 1 005 595 | 12.63 |
| 76  | 0.02457934 | 0.97542066 | 77 949 | 1 916 | 76 991 | 926 809   | 11.89 |
| 77  | 0.02813551 | 0.97186449 | 76 033 | 2 139 | 74 964 | 849 818   | 11.18 |
| 78  | 0.03214173 | 0.96785827 | 73 894 | 2 375 | 72 706 | 774 854   | 10.49 |
| 79  | 0.03611456 | 0.96388544 | 71 519 | 2 583 | 70 227 | 702 148   | 9.82  |
| 80  | 0.04107912 | 0.95892088 | 68 936 | 2 832 | 67 520 | 631 921   | 9.17  |
| 81  | 0.04675431 | 0.95324569 | 66 104 | 3 091 | 64 559 | 564 400   | 8.54  |
| 82  | 0.05410908 | 0.94589092 | 63 014 | 3 410 | 61 309 | 499 842   | 7.93  |
| 83  | 0.06192146 | 0.93807854 | 59 604 | 3 691 | 57 759 | 438 533   | 7.36  |
| 84  | 0.07093095 | 0.92906905 | 55 913 | 3 966 | 53 930 | 380 774   | 6.81  |
| 85  | 0.08212390 | 0.91787610 | 51 947 | 4 266 | 49 814 | 326 844   | 6.29  |
| 86  | 0.09364996 | 0.90635004 | 47 681 | 4 465 | 45 448 | 277 030   | 5.81  |
| 87  | 0.10471966 | 0.89528034 | 43 216 | 4 526 | 40 953 | 231 582   | 5.36  |
| 88  | 0.12087346 | 0.87912654 | 38 690 | 4 677 | 36 352 | 190 629   | 4.93  |
| 89  | 0.13783731 | 0.86216269 | 34 014 | 4 688 | 31 669 | 154 277   | 4.54  |
| 90  | 0.15347041 | 0.84652959 | 29 325 | 4 501 | 27 075 | 122 607   | 4.18  |
| 91  | 0.17561541 | 0.82438459 | 24 825 | 4 360 | 22 645 | 95 532    | 3.85  |
| 92  | 0.19201227 | 0.80798773 | 20 465 | 3 930 | 18 500 | 72 887    | 3.56  |
| 93  | 0.21138696 | 0.78861304 | 16 536 | 3 495 | 14 788 | 54 387    | 3.29  |
| 94  | 0.23285249 | 0.76714751 | 13 040 | 3 036 | 11 522 | 39 599    | 3.04  |
| 95  | 0.25579308 | 0.74420692 | 10 004 | 2 559 | 8 724  | 28 077    | 2.81  |
| 96  | 0.27944488 | 0.72055512 | 7 445  | 2 080 | 6 405  | 19 353    | 2.60  |
| 97  | 0.30354947 | 0.69645053 | 5 364  | 1 628 | 4 550  | 12 948    | 2.41  |
| 98  | 0.32782625 | 0.67217375 | 3 736  | 1 225 | 3 124  | 8 398     | 2.25  |
| 99  | 0.35198532 | 0.64801468 | 2 511  | 884   | 2 069  | 5 274     | 2.10  |
| 100 | 0.37574138 | 0.62425862 | 1 627  | 611   | 1 322  | 3 205     | 1.97  |

<sup>1)</sup> Rohe Beobachtungswerte im Betrachtungszeitraum, ab Alter 94 Schätzwerte eines Extrapolationsmodells.