

Statistisches Landesamt Rheinland-Pfalz: Sterbetafel nach Geschlecht, 2009/2011. Downloaded from:  
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## female

| Year | Age | mx | qx           | ax   | lx     | dx  | Lx    | Tx      | ex    |
|------|-----|----|--------------|------|--------|-----|-------|---------|-------|
| 2011 | 0   |    | 0.0032968530 | 0.16 | 100000 | 330 | 99722 | 8242354 | 82.42 |
| 2011 | 1   |    | 0.0003080297 | 0.48 | 99670  | 31  | 99655 | 8142632 | 81.70 |
| 2011 | 2   |    | 0.0001692663 | 0.47 | 99640  | 17  | 99631 | 8042977 | 80.72 |
| 2011 | 3   |    | 0.0001383730 | 0.50 | 99623  | 14  | 99616 | 7943345 | 79.73 |
| 2011 | 4   |    | 0.0000997139 | 0.50 | 99609  | 10  | 99604 | 7843730 | 78.75 |
| 2011 | 5   |    | 0.0000867006 | 0.56 | 99599  | 9   | 99595 | 7744126 | 77.75 |
| 2011 | 6   |    | 0.0000824159 | 0.50 | 99590  | 8   | 99586 | 7644531 | 76.76 |
| 2011 | 7   |    | 0.0000766039 | 0.38 | 99582  | 8   | 99578 | 7544945 | 75.77 |
| 2011 | 8   |    | 0.0000732413 | 0.57 | 99575  | 7   | 99571 | 7445366 | 74.77 |
| 2011 | 9   |    | 0.0000683582 | 0.57 | 99567  | 7   | 99564 | 7345795 | 73.78 |
| 2011 | 10  |    | 0.0000577361 | 0.50 | 99560  | 6   | 99558 | 7246231 | 72.78 |
| 2011 | 11  |    | 0.0000538553 | 0.60 | 99555  | 5   | 99552 | 7146674 | 71.79 |
| 2011 | 12  |    | 0.0000592112 | 0.50 | 99549  | 6   | 99546 | 7047122 | 70.79 |
| 2011 | 13  |    | 0.0000707624 | 0.57 | 99543  | 7   | 99540 | 6947575 | 69.79 |
| 2011 | 14  |    | 0.0000898605 | 0.56 | 99536  | 9   | 99532 | 6848035 | 68.80 |
| 2011 | 15  |    | 0.0001126860 | 0.55 | 99527  | 11  | 99522 | 6748504 | 67.81 |
| 2011 | 16  |    | 0.0001513310 | 0.53 | 99516  | 15  | 99509 | 6648982 | 66.81 |
| 2011 | 17  |    | 0.0001824162 | 0.50 | 99501  | 18  | 99492 | 6549473 | 65.82 |
| 2011 | 18  |    | 0.0001954003 | 0.47 | 99483  | 19  | 99473 | 6449981 | 64.84 |
| 2011 | 19  |    | 0.0001964036 | 0.50 | 99464  | 20  | 99454 | 6350507 | 63.85 |
| 2011 | 20  |    | 0.0001789128 | 0.50 | 99444  | 18  | 99435 | 6251054 | 62.86 |
| 2011 | 21  |    | 0.0001773870 | 0.44 | 99426  | 18  | 99417 | 6151618 | 61.87 |
| 2011 | 22  |    | 0.0001896371 | 0.47 | 99409  | 19  | 99399 | 6052201 | 60.88 |
| 2011 | 23  |    | 0.0001981011 | 0.50 | 99390  | 20  | 99380 | 5952802 | 59.89 |
| 2011 | 24  |    | 0.0002055945 | 0.50 | 99370  | 20  | 99360 | 5853422 | 58.91 |
| 2011 | 25  |    | 0.0002163383 | 0.52 | 99350  | 21  | 99339 | 5754062 | 57.92 |
| 2011 | 26  |    | 0.0002390258 | 0.50 | 99328  | 24  | 99316 | 5654723 | 56.93 |
| 2011 | 27  |    | 0.0002339473 | 0.52 | 99304  | 23  | 99293 | 5555407 | 55.94 |
| 2011 | 28  |    | 0.0002312034 | 0.52 | 99281  | 23  | 99270 | 5456114 | 54.96 |
| 2011 | 29  |    | 0.0002439979 | 0.50 | 99258  | 24  | 99246 | 5356844 | 53.97 |
| 2011 | 30  |    | 0.0002601466 | 0.50 | 99234  | 26  | 99221 | 5257598 | 52.98 |
| 2011 | 31  |    | 0.0003025553 | 0.50 | 99208  | 30  | 99193 | 5158377 | 52.00 |
| 2011 | 32  |    | 0.0003446002 | 0.50 | 99178  | 34  | 99161 | 5059184 | 51.01 |
| 2011 | 33  |    | 0.0003791652 | 0.50 | 99144  | 38  | 99125 | 4960023 | 50.03 |
| 2011 | 34  |    | 0.0004034702 | 0.50 | 99106  | 40  | 99086 | 4860897 | 49.05 |
| 2011 | 35  |    | 0.0004373010 | 0.51 | 99066  | 43  | 99045 | 4761811 | 48.07 |
| 2011 | 36  |    | 0.0004663068 | 0.50 | 99023  | 46  | 99000 | 4662766 | 47.09 |
| 2011 | 37  |    | 0.0005049865 | 0.50 | 98977  | 50  | 98952 | 4563766 | 46.11 |
| 2011 | 38  |    | 0.0005572721 | 0.49 | 98927  | 55  | 98899 | 4464814 | 45.13 |
| 2011 | 39  |    | 0.0006356273 | 0.49 | 98872  | 63  | 98840 | 4365915 | 44.16 |
| 2011 | 40  |    | 0.0007115062 | 0.50 | 98809  | 70  | 98774 | 4267074 | 43.19 |
| 2011 | 41  |    | 0.0007928196 | 0.51 | 98739  | 78  | 98700 | 4168301 | 42.22 |
| 2011 | 42  |    | 0.0008936194 | 0.50 | 98660  | 88  | 98616 | 4069601 | 41.25 |
| 2011 | 43  |    | 0.0010275370 | 0.50 | 98572  | 101 | 98522 | 3970985 | 40.29 |
| 2011 | 44  |    | 0.0011476392 | 0.50 | 98471  | 113 | 98414 | 3872463 | 39.33 |
| 2011 | 45  |    | 0.0012889390 | 0.50 | 98358  | 127 | 98295 | 3774049 | 38.37 |
| 2011 | 46  |    | 0.0014814414 | 0.49 | 98231  | 146 | 98158 | 3675754 | 37.42 |
| 2011 | 47  |    | 0.0016307183 | 0.50 | 98086  | 160 | 98006 | 3577596 | 36.47 |
| 2011 | 48  |    | 0.0018252870 | 0.50 | 97926  | 179 | 97836 | 3479590 | 35.53 |
| 2011 | 49  |    | 0.0020355566 | 0.50 | 97747  | 199 | 97647 | 3381754 | 34.60 |
| 2011 | 50  |    | 0.0022386292 | 0.50 | 97548  | 218 | 97439 | 3284106 | 33.67 |

|      |    |              |      |       |      |       |         |       |
|------|----|--------------|------|-------|------|-------|---------|-------|
| 2011 | 51 | 0.0024869180 | 0.50 | 97330 | 242  | 97209 | 3186668 | 32.74 |
| 2011 | 52 | 0.0027242474 | 0.50 | 97088 | 264  | 96955 | 3089459 | 31.82 |
| 2011 | 53 | 0.0030259987 | 0.50 | 96823 | 293  | 96677 | 2992504 | 30.91 |
| 2011 | 54 | 0.0033222486 | 0.50 | 96530 | 321  | 96370 | 2895827 | 30.00 |
| 2011 | 55 | 0.0035935783 | 0.50 | 96209 | 346  | 96037 | 2799457 | 29.10 |
| 2011 | 56 | 0.0039684179 | 0.50 | 95864 | 380  | 95673 | 2703421 | 28.20 |
| 2011 | 57 | 0.0042836268 | 0.50 | 95483 | 409  | 95279 | 2607747 | 27.31 |
| 2011 | 58 | 0.0046648715 | 0.50 | 95074 | 444  | 94852 | 2512469 | 26.43 |
| 2011 | 59 | 0.0051888188 | 0.50 | 94631 | 491  | 94385 | 2417616 | 25.55 |
| 2011 | 60 | 0.0056443881 | 0.50 | 94140 | 531  | 93874 | 2323231 | 24.68 |
| 2011 | 61 | 0.0061248893 | 0.50 | 93608 | 573  | 93322 | 2229357 | 23.82 |
| 2011 | 62 | 0.0066409752 | 0.50 | 93035 | 618  | 92726 | 2136035 | 22.96 |
| 2011 | 63 | 0.0071004076 | 0.50 | 92417 | 656  | 92089 | 2043309 | 22.11 |
| 2011 | 64 | 0.0075237549 | 0.50 | 91761 | 690  | 91416 | 1951220 | 21.26 |
| 2011 | 65 | 0.0081712310 | 0.50 | 91071 | 744  | 90698 | 1859805 | 20.42 |
| 2011 | 66 | 0.0087972792 | 0.50 | 90326 | 795  | 89929 | 1769106 | 19.59 |
| 2011 | 67 | 0.0093788649 | 0.50 | 89532 | 840  | 89112 | 1679177 | 18.76 |
| 2011 | 68 | 0.0102135109 | 0.50 | 88692 | 906  | 88239 | 1590065 | 17.93 |
| 2011 | 69 | 0.0110273379 | 0.50 | 87786 | 968  | 87302 | 1501826 | 17.11 |
| 2011 | 70 | 0.0121159260 | 0.50 | 86818 | 1052 | 86292 | 1414524 | 16.29 |
| 2011 | 71 | 0.0134572273 | 0.50 | 85766 | 1154 | 85189 | 1328232 | 15.49 |
| 2011 | 72 | 0.0150175388 | 0.50 | 84612 | 1271 | 83977 | 1243042 | 14.69 |
| 2011 | 73 | 0.0169246231 | 0.50 | 83341 | 1411 | 82636 | 1159066 | 13.91 |
| 2011 | 74 | 0.0191413218 | 0.50 | 81931 | 1568 | 81147 | 1076430 | 13.14 |
| 2011 | 75 | 0.0219293659 | 0.50 | 80363 | 1762 | 79481 | 995283  | 12.38 |
| 2011 | 76 | 0.0252580019 | 0.50 | 78600 | 1985 | 77608 | 915801  | 11.65 |
| 2011 | 77 | 0.0288448723 | 0.50 | 76615 | 2210 | 75510 | 838194  | 10.94 |
| 2011 | 78 | 0.0327078740 | 0.50 | 74405 | 2434 | 73188 | 762684  | 10.25 |
| 2011 | 79 | 0.0372828636 | 0.50 | 71971 | 2683 | 70630 | 689495  | 9.58  |
| 2011 | 80 | 0.0427419230 | 0.50 | 69288 | 2962 | 67807 | 618865  | 8.93  |
| 2011 | 81 | 0.0493400060 | 0.50 | 66327 | 3273 | 64690 | 551058  | 8.31  |
| 2011 | 82 | 0.0571377326 | 0.50 | 63054 | 3603 | 61253 | 486368  | 7.71  |
| 2011 | 83 | 0.0659670018 | 0.50 | 59451 | 3922 | 57490 | 425115  | 7.15  |
| 2011 | 84 | 0.0759644718 | 0.50 | 55529 | 4218 | 53420 | 367625  | 6.62  |
| 2011 | 85 | 0.0877978269 | 0.50 | 51311 | 4505 | 49059 | 314204  | 6.12  |
| 2011 | 86 | 0.1005609286 | 0.50 | 46806 | 4707 | 44453 | 265145  | 5.66  |
| 2011 | 87 | 0.1145693635 | 0.50 | 42099 | 4823 | 39688 | 220693  | 5.24  |
| 2011 | 88 | 0.1298343357 | 0.50 | 37276 | 4840 | 34856 | 181005  | 4.86  |
| 2011 | 89 | 0.1446433939 | 0.50 | 32436 | 4692 | 30090 | 146149  | 4.51  |
| 2011 | 90 | 0.1595317607 | 5.77 | 27745 | 4426 | 25532 | 116058  | 4.18  |

| Year | male |    |              |      |        |     |       |         |       |
|------|------|----|--------------|------|--------|-----|-------|---------|-------|
|      | Age  | mx | qx           | ax   | lx     | dx  | Lx    | Tx      | ex    |
| 2011 | 0    | 0  | 0.0037055460 | 0.18 | 100000 | 371 | 99694 | 7773307 | 77.73 |
| 2011 | 1    | 1  | 0.0003005976 | 0.50 | 99629  | 30  | 99614 | 7673613 | 77.02 |
| 2011 | 2    | 2  | 0.0002429036 | 0.50 | 99599  | 24  | 99587 | 7573998 | 76.04 |
| 2011 | 3    | 3  | 0.0001872868 | 0.47 | 99575  | 19  | 99566 | 7474411 | 75.06 |
| 2011 | 4    | 4  | 0.0001497492 | 0.47 | 99557  | 15  | 99549 | 7374845 | 74.08 |
| 2011 | 5    | 5  | 0.0001197084 | 0.50 | 99542  | 12  | 99536 | 7275296 | 73.09 |
| 2011 | 6    | 6  | 0.0000997601 | 0.50 | 99530  | 10  | 99525 | 7175760 | 72.10 |
| 2011 | 7    | 7  | 0.0000787550 | 0.50 | 99520  | 8   | 99516 | 7076235 | 71.10 |
| 2011 | 8    | 8  | 0.0000612578 | 0.50 | 99512  | 6   | 99509 | 6976719 | 70.11 |
| 2011 | 9    | 9  | 0.0000535610 | 0.40 | 99506  | 5   | 99503 | 6877210 | 69.11 |
| 2011 | 10   | 10 | 0.0000551266 | 0.60 | 99501  | 5   | 99498 | 6777707 | 68.12 |
| 2011 | 11   | 11 | 0.0000646605 | 0.50 | 99495  | 6   | 99492 | 6678209 | 67.12 |
| 2011 | 12   | 12 | 0.0000768120 | 0.50 | 99489  | 8   | 99485 | 6578717 | 66.13 |
| 2011 | 13   | 13 | 0.0001068854 | 0.55 | 99481  | 11  | 99476 | 6479232 | 65.13 |
| 2011 | 14   | 14 | 0.0001586657 | 0.50 | 99470  | 16  | 99463 | 6379756 | 64.14 |
| 2011 | 15   | 15 | 0.0002277682 | 0.48 | 99455  | 23  | 99443 | 6280294 | 63.15 |
| 2011 | 16   | 16 | 0.0003083371 | 0.52 | 99432  | 31  | 99417 | 6180850 | 62.16 |
| 2011 | 17   | 17 | 0.0003774679 | 0.50 | 99401  | 38  | 99383 | 6081434 | 61.18 |
| 2011 | 18   | 18 | 0.0004291321 | 0.51 | 99364  | 43  | 99343 | 5982051 | 60.20 |
| 2011 | 19   | 19 | 0.0004759821 | 0.51 | 99321  | 47  | 99298 | 5882708 | 59.23 |
| 2011 | 20   | 20 | 0.0005064094 | 0.50 | 99274  | 50  | 99249 | 5783411 | 58.26 |
| 2011 | 21   | 21 | 0.0004982916 | 0.51 | 99224  | 49  | 99199 | 5684162 | 57.29 |
| 2011 | 22   | 22 | 0.0004799882 | 0.48 | 99174  | 48  | 99150 | 5584963 | 56.31 |
| 2011 | 23   | 23 | 0.0004647833 | 0.50 | 99127  | 46  | 99104 | 5485813 | 55.34 |
| 2011 | 24   | 24 | 0.0004726324 | 0.49 | 99081  | 47  | 99057 | 5386709 | 54.37 |
| 2011 | 25   | 25 | 0.0005145132 | 0.49 | 99034  | 51  | 99008 | 5287652 | 53.39 |
| 2011 | 26   | 26 | 0.0005801842 | 0.51 | 98983  | 57  | 98954 | 5188644 | 52.42 |
| 2011 | 27   | 27 | 0.0006169391 | 0.51 | 98925  | 61  | 98895 | 5089690 | 51.45 |
| 2011 | 28   | 28 | 0.0006391615 | 0.51 | 98864  | 63  | 98833 | 4990795 | 50.48 |
| 2011 | 29   | 29 | 0.0006584983 | 0.51 | 98801  | 65  | 98769 | 4891962 | 49.51 |
| 2011 | 30   | 30 | 0.0007155002 | 0.51 | 98736  | 71  | 98701 | 4793194 | 48.55 |
| 2011 | 31   | 31 | 0.0007723816 | 0.50 | 98665  | 76  | 98627 | 4694493 | 47.58 |
| 2011 | 32   | 32 | 0.0007963243 | 0.49 | 98589  | 79  | 98550 | 4595866 | 46.62 |
| 2011 | 33   | 33 | 0.0008298088 | 0.50 | 98511  | 82  | 98470 | 4497316 | 45.65 |
| 2011 | 34   | 34 | 0.0008308413 | 0.50 | 98429  | 82  | 98388 | 4398846 | 44.69 |
| 2011 | 35   | 35 | 0.0007925267 | 0.50 | 98347  | 78  | 98308 | 4300458 | 43.73 |
| 2011 | 36   | 36 | 0.0007998760 | 0.49 | 98269  | 79  | 98230 | 4202150 | 42.76 |
| 2011 | 37   | 37 | 0.0008492260 | 0.51 | 98191  | 83  | 98149 | 4103920 | 41.80 |
| 2011 | 38   | 38 | 0.0009273473 | 0.51 | 98107  | 91  | 98062 | 4005771 | 40.83 |
| 2011 | 39   | 39 | 0.0010433760 | 0.50 | 98016  | 102 | 97965 | 3907709 | 39.87 |
| 2011 | 40   | 40 | 0.0011670972 | 0.50 | 97914  | 114 | 97857 | 3809744 | 38.91 |
| 2011 | 41   | 41 | 0.0013001963 | 0.50 | 97800  | 127 | 97736 | 3711887 | 37.95 |
| 2011 | 42   | 42 | 0.0014589197 | 0.50 | 97673  | 142 | 97601 | 3614151 | 37.00 |
| 2011 | 43   | 43 | 0.0016372454 | 0.50 | 97530  | 160 | 97450 | 3516550 | 36.06 |
| 2011 | 44   | 44 | 0.0018504955 | 0.50 | 97370  | 180 | 97280 | 3419100 | 35.11 |
| 2011 | 45   | 45 | 0.0021105669 | 0.50 | 97190  | 205 | 97088 | 3321820 | 34.18 |
| 2011 | 46   | 46 | 0.0023870157 | 0.50 | 96985  | 232 | 96869 | 3224732 | 33.25 |
| 2011 | 47   | 47 | 0.0026887121 | 0.50 | 96754  | 260 | 96623 | 3127863 | 32.33 |
| 2011 | 48   | 48 | 0.0029944197 | 0.50 | 96493  | 289 | 96349 | 3031239 | 31.41 |
| 2011 | 49   | 49 | 0.0033571605 | 0.50 | 96204  | 323 | 96043 | 2934890 | 30.51 |
| 2011 | 50   | 50 | 0.0037531660 | 0.50 | 95881  | 360 | 95702 | 2838847 | 29.61 |
| 2011 | 51   | 51 | 0.0041567788 | 0.50 | 95522  | 397 | 95323 | 2743146 | 28.72 |
| 2011 | 52   | 52 | 0.0046503482 | 0.50 | 95125  | 442 | 94903 | 2647823 | 27.84 |

|      |    |              |      |       |      |       |         |       |
|------|----|--------------|------|-------|------|-------|---------|-------|
| 2011 | 53 | 0.0051498078 | 0.50 | 94682 | 488  | 94438 | 2552919 | 26.96 |
| 2011 | 54 | 0.0056778231 | 0.50 | 94195 | 535  | 93927 | 2458481 | 26.10 |
| 2011 | 55 | 0.0062684063 | 0.50 | 93660 | 587  | 93366 | 2364554 | 25.25 |
| 2011 | 56 | 0.0069070420 | 0.50 | 93073 | 643  | 92751 | 2271187 | 24.40 |
| 2011 | 57 | 0.0075876285 | 0.50 | 92430 | 701  | 92079 | 2178436 | 23.57 |
| 2011 | 58 | 0.0082924917 | 0.50 | 91729 | 761  | 91348 | 2086357 | 22.74 |
| 2011 | 59 | 0.0091645272 | 0.50 | 90968 | 834  | 90551 | 1995009 | 21.93 |
| 2011 | 60 | 0.0102080220 | 0.50 | 90134 | 920  | 89674 | 1904458 | 21.13 |
| 2011 | 61 | 0.0111804830 | 0.50 | 89214 | 997  | 88715 | 1814784 | 20.34 |
| 2011 | 62 | 0.0122500736 | 0.50 | 88217 | 1081 | 87676 | 1726068 | 19.57 |
| 2011 | 63 | 0.0133194448 | 0.50 | 87136 | 1161 | 86556 | 1638392 | 18.80 |
| 2011 | 64 | 0.0142922174 | 0.50 | 85975 | 1229 | 85361 | 1551836 | 18.05 |
| 2011 | 65 | 0.0155096234 | 0.50 | 84747 | 1314 | 84089 | 1466475 | 17.30 |
| 2011 | 66 | 0.0167244053 | 0.50 | 83432 | 1395 | 82735 | 1382386 | 16.57 |
| 2011 | 67 | 0.0180831149 | 0.50 | 82037 | 1483 | 81295 | 1299652 | 15.84 |
| 2011 | 68 | 0.0196504896 | 0.50 | 80553 | 1583 | 79762 | 1218356 | 15.12 |
| 2011 | 69 | 0.0212901197 | 0.50 | 78970 | 1681 | 78130 | 1138595 | 14.42 |
| 2011 | 70 | 0.0231860448 | 0.50 | 77289 | 1792 | 76393 | 1060465 | 13.72 |
| 2011 | 71 | 0.0252216553 | 0.50 | 75497 | 1904 | 74545 | 984072  | 13.03 |
| 2011 | 72 | 0.0276495235 | 0.50 | 73593 | 2035 | 72576 | 909527  | 12.36 |
| 2011 | 73 | 0.0306568163 | 0.50 | 71558 | 2194 | 70461 | 836951  | 11.70 |
| 2011 | 74 | 0.0343149821 | 0.50 | 69364 | 2380 | 68174 | 766490  | 11.05 |
| 2011 | 75 | 0.0384197168 | 0.50 | 66984 | 2574 | 65697 | 698315  | 10.43 |
| 2011 | 76 | 0.0430237690 | 0.50 | 64411 | 2771 | 63025 | 632618  | 9.82  |
| 2011 | 77 | 0.0484293811 | 0.50 | 61639 | 2985 | 60147 | 569593  | 9.24  |
| 2011 | 78 | 0.0542009999 | 0.50 | 58654 | 3179 | 57065 | 509446  | 8.69  |
| 2011 | 79 | 0.0604451238 | 0.50 | 55475 | 3353 | 53799 | 452381  | 8.15  |
| 2011 | 80 | 0.0671939710 | 0.50 | 52122 | 3502 | 50371 | 398583  | 7.65  |
| 2011 | 81 | 0.0743360517 | 0.50 | 48620 | 3614 | 46813 | 348212  | 7.16  |
| 2011 | 82 | 0.0821856222 | 0.50 | 45006 | 3699 | 43156 | 301399  | 6.70  |
| 2011 | 83 | 0.0909099012 | 0.50 | 41307 | 3755 | 39429 | 258243  | 6.25  |
| 2011 | 84 | 0.1010259574 | 0.50 | 37552 | 3794 | 35655 | 218814  | 5.83  |
| 2011 | 85 | 0.1125901441 | 0.50 | 33758 | 3801 | 31857 | 183159  | 5.43  |
| 2011 | 86 | 0.1250414091 | 0.50 | 29957 | 3746 | 28084 | 151302  | 5.05  |
| 2011 | 87 | 0.1396408307 | 0.50 | 26211 | 3660 | 24381 | 123218  | 4.70  |
| 2011 | 88 | 0.1547288718 | 0.50 | 22551 | 3489 | 20806 | 98837   | 4.38  |
| 2011 | 89 | 0.1684758773 | 0.50 | 19062 | 3211 | 17456 | 78030   | 4.09  |
| 2011 | 90 | 0.1809103916 | 5.03 | 15850 | 2867 | 14417 | 60574   | 3.82  |