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**POPULATION AND HEALTH IN
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VOLUME 1

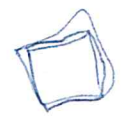


Table 6A.15. Life table for the Navrongo DSS site, Ghana, 1995-99.

| Age (years) | nD_x | nPY_x | nM_x | SE_{M_x} | nq_x | SE_{nq_x} | l_x | SE_{l_x} | $n d_x$ | nL_x | T_x | e_x (years) | SE_{e_x} (years) |
|-------------|--------|---------|-----------|------------|-----------|-------------|---------|------------|---------|---------|-----------|---------------|--------------------|
| Male | | | | | | | | | | | | | |
| <1 | 1160 | 10107 | 0.114 772 | 0.003 185 | 0.106 577 | 0.002 958 | 100 000 | 0.000 0 | 10 658 | 92 859 | 4 721 624 | 47.22 | 0.324 8 |
| 1-4 | 858 | 38 795 | 0.022 116 | 0.000 723 | 0.083 536 | 0.002 730 | 89 342 | 0.874 8 | 7 463 | 337 458 | 4 628 765 | 51.81 | 0.285 3 |
| 5-9 | 243 | 51 644 | 0.004 705 | 0.000 298 | 0.023 253 | 0.001 474 | 81 879 | 1.329 7 | 1 904 | 404 635 | 4 291 307 | 52.41 | 0.251 7 |
| 10-14 | 164 | 50 035 | 0.003 278 | 0.000 254 | 0.001 259 | 0.001 259 | 79 275 | 1.414 3 | 1 300 | 396 625 | 3 886 671 | 48.60 | 0.244 0 |
| 15-19 | 117 | 37 926 | 0.003 085 | 0.000 283 | 0.015 307 | 0.001 404 | 78 675 | 1.470 1 | 1 204 | 390 365 | 3 490 066 | 44.36 | 0.239 4 |
| 20-24 | 87 | 22 522 | 0.006 422 | 0.000 410 | 0.019 130 | 0.002 031 | 77 471 | 1.547 5 | 1 482 | 383 649 | 3 099 681 | 40.01 | 0.234 8 |
| 25-29 | 99 | 15 415 | 0.008 863 | 0.000 635 | 0.031 604 | 0.003 126 | 75 989 | 1.736 5 | 2 402 | 359 063 | 2 342 992 | 31.83 | 0.211 8 |
| 30-34 | 145 | 14 669 | 0.011 462 | 0.000 801 | 0.048 232 | 0.003 908 | 73 587 | 2.192 6 | 3 549 | 315 910 | 1 983 028 | 28.31 | 0.192 3 |
| 35-39 | 172 | 15 006 | 0.009 885 | 0.000 849 | 0.055 714 | 0.004 128 | 70 038 | 2.813 1 | 3 902 | 340 435 | 1 642 594 | 24.84 | 0.175 3 |
| 40-44 | 227 | 12 138 | 0.011 462 | 0.001 185 | 0.089 331 | 0.005 658 | 66 136 | 3.344 3 | 5 908 | 315 910 | 1 326 684 | 22.03 | 0.149 4 |
| 45-49 | 255 | 12 502 | 0.020 397 | 0.001 214 | 0.097 036 | 0.005 774 | 60 228 | 4.173 8 | 5 844 | 286 529 | 1 040 155 | 19.13 | 0.129 1 |
| 50-54 | 286 | 11 099 | 0.018 702 | 0.001 185 | 0.121 043 | 0.006 710 | 54 384 | 4.612 5 | 6 583 | 255 461 | 784 694 | 16.42 | 0.109 1 |
| 55-59 | 385 | 11 099 | 0.025 768 | 0.001 429 | 0.155 600 | 0.007 287 | 47 801 | 4.895 2 | 7 438 | 220 410 | 564 284 | 13.98 | 0.092 7 |
| 60-64 | 348 | 7 522 | 0.033 745 | 0.001 580 | 0.207 340 | 0.009 895 | 40 363 | 4.793 7 | 8 369 | 159 315 | 383 391 | 11.98 | 0.072 5 |
| 65-69 | 404 | 6 812 | 0.046 264 | 0.002 208 | 0.258 246 | 0.011 066 | 31 994 | 4.559 7 | 8 262 | 139 315 | 244 076 | 10.28 | 0.056 6 |
| 70-74 | 253 | 3 869 | 0.059 307 | 0.002 541 | 0.281 017 | 0.014 981 | 23 732 | 3.757 2 | 6 669 | 101 986 | 142 089 | 8.33 | 0.041 5 |
| 75-79 | 293 | 2 728 | 0.065 392 | 0.003 486 | 0.283 017 | 0.016 063 | 17 063 | 3.206 2 | 7 224 | 67 255 | 74 834 | 7.61 | 0.026 0 |
| 80-84 | 115 | 1 076 | 0.107 405 | 0.004 765 | 0.423 349 | 0.018 781 | 9 839 | 2.093 1 | 4 149 | 38 823 | 37 031 | 6.33 | NA |
| ≥85 | 149 | 943 | 0.106 877 | 0.007 579 | 0.421 709 | 0.029 905 | 5 690 | 1.565 7 | 5 690 | 36 011 | 36 011 | 6.33 | NA |
| Female | | | | | | | | | | | | | |
| <1 | 1130 | 10 241 | 0.110 341 | 0.003 109 | 0.102 957 | 0.002 901 | 100 000 | 0.000 0 | 10 296 | 93 308 | 5 138 770 | 51.39 | 0.312 5 |
| 1-4 | 738 | 38 364 | 0.019 237 | 0.000 682 | 0.073 230 | 0.002 595 | 89 704 | 0.841 5 | 6 569 | 341 482 | 5 045 462 | 56.25 | 0.265 4 |
| 5-9 | 197 | 49 662 | 0.003 957 | 0.000 280 | 0.019 639 | 0.001 385 | 83 135 | 1.264 6 | 1 633 | 411 595 | 4 703 981 | 56.58 | 0.226 8 |
| 10-14 | 122 | 45 385 | 0.002 688 | 0.000 242 | 0.013 351 | 0.001 201 | 81 503 | 1.348 1 | 1 088 | 404 793 | 4 292 386 | 52.67 | 0.217 7 |
| 15-19 | 76 | 32 598 | 0.002 331 | 0.000 266 | 0.011 590 | 0.001 322 | 80 414 | 1.408 1 | 932 | 399 742 | 3 887 593 | 48.34 | 0.211 9 |
| 20-24 | 97 | 23 960 | 0.004 048 | 0.000 407 | 0.020 039 | 0.002 014 | 79 483 | 1.488 6 | 1 593 | 393 431 | 3 487 851 | 43.88 | 0.206 1 |
| 25-29 | 132 | 22 666 | 0.005 824 | 0.000 500 | 0.028 701 | 0.002 462 | 77 890 | 1.685 9 | 2 235 | 383 860 | 3 094 420 | 39.73 | 0.194 7 |
| 30-34 | 167 | 21 913 | 0.007 621 | 0.000 579 | 0.037 393 | 0.002 839 | 75 654 | 1.958 2 | 2 829 | 371 199 | 2 710 560 | 35.83 | 0.180 3 |
| 35-39 | 137 | 23 658 | 0.009 791 | 0.000 488 | 0.028 541 | 0.002 403 | 72 825 | 2.275 8 | 2 079 | 358 930 | 2 339 361 | 32.12 | 0.164 2 |
| 40-44 | 150 | 18 833 | 0.007 965 | 0.000 637 | 0.039 046 | 0.003 125 | 70 747 | 2.454 1 | 2 762 | 346 828 | 1 980 431 | 27.99 | 0.155 3 |
| 45-49 | 195 | 18 382 | 0.007 965 | 0.000 637 | 0.039 046 | 0.003 125 | 70 747 | 2.454 1 | 2 762 | 346 828 | 1 980 431 | 27.99 | 0.155 3 |
| 50-54 | 313 | 18 091 | 0.017 301 | 0.000 937 | 0.082 920 | 0.004 488 | 64 472 | 3.077 8 | 5 346 | 308 993 | 1 302 462 | 20.20 | 0.132 6 |
| 55-59 | 443 | 16 672 | 0.026 571 | 0.001 181 | 0.124 582 | 0.005 538 | 59 126 | 3.425 9 | 7 366 | 277 213 | 993 469 | 16.80 | 0.120 3 |
| 60-64 | 339 | 9 513 | 0.035 635 | 0.001 770 | 0.163 602 | 0.008 126 | 51 760 | 3.697 7 | 8 468 | 237 628 | 478 628 | 13.84 | 0.091 8 |
| 65-69 | 479 | 8 024 | 0.059 696 | 0.002 347 | 0.259 739 | 0.010 210 | 43 292 | 4.355 9 | 11 244 | 188 349 | 290 279 | 9.06 | 0.075 8 |
| 70-74 | 320 | 3 522 | 0.090 857 | 0.004 031 | 0.370 199 | 0.016 423 | 32 084 | 4.492 1 | 8 649 | 79 297 | 159 699 | 7.91 | 0.052 4 |
| 75-79 | 279 | 2 558 | 0.109 070 | 0.004 936 | 0.428 506 | 0.019 394 | 20 184 | 4.492 1 | 8 649 | 79 297 | 159 699 | 7.91 | 0.052 4 |
| 80-84 | 101 | 743 | 0.135 935 | 0.009 494 | 0.507 283 | 0.035 431 | 11 535 | 2.999 4 | 5 851 | 43 046 | 80 402 | 6.97 | 0.037 1 |
| ≥85 | 103 | 677 | 0.152 142 | NA | 1.000 000 | NA | 5 683 | 2.398 5 | 5 683 | 37 356 | 37 356 | 6.57 | NA |

Note: nD_x , observed deaths between ages x and $x+n$; nPY_x , person-years lived by the life-table population between ages x and $x+n$; nM_x , number of survivors at age x in the life-table population; nL_x , person-years lived by the life-table population between ages x and $x+n$; T_x , expectation of life at age x for the life-table population; l_x , number of survivors at age x in the life-table population; nq_x , probability of dying between ages x and $x+n$; SE_{l_x} , standard error in l_x ; SE_{M_x} , standard error in M_x ; SE_{nq_x} , standard error in nq_x ; SE_{e_x} , standard error in e_x ; T_x , person-years lived by the life-table population at ages older than x .

Table 6A.16. Life table for the Niakhar DSS site, Senegal, 1995-98.

| Age (years) | nD_x | nPY_x | nM_x | SE_{M_x} | nq_x | SE_{nq_x} | l_x | SE_{l_x} | $n d_x$ | nL_x | T_x | e_x (years) | SE_{e_x} (years) |
|-------------|--------|---------|-----------|------------|-----------|-------------|---------|------------|---------|---------|-----------|---------------|--------------------|
| Male | | | | | | | | | | | | | |
| <1 | 223 | 2 334 | 0.095 544 | 0.006 104 | 0.089 796 | 0.005 737 | 100 000 | 0.000 0 | 8 980 | 93 984 | 4 879 773 | 48.80 | 0.803 1 |
| 1-4 | 334 | 8 207 | 0.040 697 | 0.002 057 | 0.146 844 | 0.007 422 | 91 020 | 3.291 1 | 13 366 | 328 424 | 4 785 790 | 52.58 | 0.742 7 |
| 5-9 | 72 | 9 281 | 0.007 758 | 0.000 897 | 0.038 051 | 0.004 398 | 77 655 | 6.958 8 | 2 955 | 380 886 | 4 457 366 | 57.40 | 0.622 0 |
| 10-14 | 32 | 8 313 | 0.003 849 | 0.000 674 | 0.019 064 | 0.003 338 | 74 700 | 7.605 8 | 1 424 | 369 939 | 4 076 480 | 54.57 | 0.590 7 |
| 15-19 | 21 | 6 787 | 0.003 094 | 0.000 670 | 0.015 352 | 0.003 324 | 73 276 | 7.940 2 | 1 125 | 363 566 | 3 706 542 | 50.58 | 0.575 7 |
| 20-24 | 15 | 4 344 | 0.003 453 | 0.000 884 | 0.017 117 | 0.004 382 | 72 151 | 8.291 6 | 1 235 | 357 666 | 3 342 976 | 46.33 | 0.563 3 |
| 25-29 | 15 | 2 692 | 0.005 572 | 0.001 419 | 0.027 478 | 0.006 997 | 70 916 | 9.009 7 | 1 949 | 349 707 | 2 985 309 | 42.10 | 0.545 3 |
| 30-34 | 8 | 2 517 | 0.003 178 | 0.001 115 | 0.015 767 | 0.005 530 | 68 967 | 10.983 1 | 1 087 | 342 117 | 2 635 602 | 38.22 | 0.506 5 |
| 35-39 | 22 | 2 623 | 0.008 387 | 0.001 751 | 0.041 075 | 0.008 576 | 67 880 | 12.094 2 | 2 788 | 332 428 | 2 293 485 | 33.79 | 0.487 3 |
| 40-44 | 16 | 2 312 | 0.006 920 | 0.001 700 | 0.034 014 | 0.008 358 | 65 092 | 14.509 6 | 2 214 | 319 923 | 1 961 057 | 30.13 | 0.448 7 |
| 45-49 | 14 | 1 626 | 0.008 610 | 0.002 252 | 0.042 143 | 0.011 023 | 62 878 | 16.498 7 | 2 650 | 307 763 | 1 641 134 | 26.10 | 0.420 9 |
| 50-54 | 23 | 1 342 | 0.017 139 | 0.003 424 | 0.082 172 | 0.016 415 | 60 228 | 19.941 6 | 4 949 | 288 766 | 1 333 371 | 22.14 | 0.384 7 |
| 55-59 | 23 | 1 412 | 0.016 289 | 0.003 261 | 0.078 258 | 0.015 666 | 55 279 | 26.573 0 | 4 326 | 265 578 | 1 044 605 | 18.90 | 0.321 3 |
| 60-64 | 39 | 1 192 | 0.032 718 | 0.004 827 | 0.151 221 | 0.022 309 | 50 953 | 30.076 5 | 7 705 | 235 501 | 779 026 | 15.29 | 0.282 0 |
| 65-69 | 47 | 1 011 | 0.046 489 | 0.006 034 | 0.208 241 | 0.027 028 | 43 248 | 34.588 7 | 9 006 | 193 723 | 543 526 | 12.57 | 0.224 0 |
| 70-74 | 42 | 688 | 0.061 047 | 0.008 077 | 0.264 817 | 0.035 036 | 34 242 | 35.346 2 | 9 068 | 148 539 | 349 803 | 10.22 | 0.167 5 |
| 75-79 | 41 | 484 | 0.084 711 | 0.010 670 | 0.349 531 | 0.044 026 | 25 174 | 33.497 3 | 8 799 | 103 872 | 201 264 | 7.99 | 0.110 5 |
| 80-84 | 36 | 302 | 0.119 205 | 0.014 611 | 0.459 184 | 0.056 281 | 16 375 | 26.456 3 | 7 519 | 63 076 | 97 393 | 5.95 | 0.058 8 |
| ≥85 | 40 | 155 | 0.258 065 | NA | 1.000 000 | NA | 8 856 | 16.231 2 | 8 856 | 34 316 | 34 316 | 3.88 | NA |
| Female | | | | | | | | | | | | | |
| <1 | 173 | 2 285 | 0.075 711 | 0.005 545 | 0.072 160 | 0.005 285 | 100 000 | 0.000 0 | 7 216 | 95 310 | 5 359 093 | 53.59 | 0.816 2 |
| 1-4 | 287 | 8 132 | 0.035 293 | 0.001 944 | 0.129 143 | 0.007 114 | 92 784 | 2.792 7 | 11 982 | 339 515 | 5 263 783 | 56.73 | 0.757 8 |
| 5-9 | 69 | 9 386 | 0.007 351 | 0.000 869 | 0.036 094 | 0.004 266 | 80 802 | 6.474 6 | 2 916 | 396 717 | 4 924 269 | 60.94 | 0.631 0 |
| 10-14 | 23 | 7 155 | 0.003 215 | 0.000 665 | 0.015 945 | 0.003 298 | 77 885 | 7.203 8 | 1 242 | 386 321 | 4 527 552 | 58.13 | 0.595 4 |
| 15-19 | 15 | 5 111 | 0.002 935 | 0.000 752 | 0.014 567 | 0.003 734 | 76 643 | 7.635 7 | 1 116 | 380 426 | | | |