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**POPULATION AND HEALTH IN
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VOLUME 1



Table 6A.17. Life table for the Nouna DSS site, Burkina Faso, 1995-98.

Age (years)	nD_x	nPY_x	nM_x	SE_{M_x}	nq_x	SE_{q_x}	l_x	SE_{l_x}	$n d_x$	nL_x	T_x	e_x (years)	SE_{e_x} (years)
Male													
<1	78	2 221	0.035 116	0.003 907	0.034 309	0.003 817	100 000	0.000 0	3 431	97 701	5 419 511	54.20	0.873 7
1-4	238	8 218	0.028 960	0.001 773	0.107 531	0.006 585	96 569	1.457 3	10 384	358 573	5 321 809	55.11	0.847 4
5-9	85	9 408	0.009 035	0.000 958	0.044 177	0.004 685	86 185	5.204 3	3 807	421 406	4 963 236	57.59	0.755 8
10-14	30	7 484	0.004 009	0.000 725	0.019 844	0.003 587	82 378	6.384 7	1 635	407 801	4 541 830	55.13	0.719 1
15-19	21	5 791	0.003 626	0.000 784	0.017 968	0.003 886	80 743	7.006 9	1 451	400 087	4 134 029	51.20	0.701 4
20-24	27	4 304	0.006 273	0.001 189	0.030 883	0.005 851	79 292	7.741 6	2 449	390 338	3 733 942	47.09	0.683 9
25-29	20	3 632	0.005 507	0.001 215	0.027 162	0.005 991	76 843	9.423 2	2 087	378 998	3 343 603	43.51	0.649 7
30-34	21	3 135	0.006 698	0.001 437	0.032 939	0.007 069	74 756	11.037 3	2 462	367 624	2 964 605	39.66	0.620 1
35-39	18	2 688	0.006 695	0.001 552	0.032 926	0.007 632	72 294	13.114 4	2 380	355 518	2 596 980	35.92	0.585 9
40-44	19	2 154	0.008 820	0.001 979	0.043 148	0.009 683	69 913	15.309 1	3 017	342 025	2 241 463	32.06	0.554 0
45-49	21	1 979	0.010 612	0.002 355	0.051 689	0.010 984	66 897	18.599 3	3 458	325 839	1 899 437	28.39	0.513 0
50-54	14	1 659	0.008 439	0.002 208	0.041 325	0.010 814	63 439	22.125 6	2 622	310 640	1 573 598	24.80	0.472 2
55-59	24	1 359	0.017 663	0.003 450	0.084 581	0.016 519	60 817	25.041 0	5 144	291 226	1 262 958	20.77	0.444 4
60-64	35	1 170	0.029 906	0.004 690	0.139 130	0.021 820	55 673	31.076 8	7 746	259 002	971 731	17.45	0.396 6
65-69	29	977	0.029 685	0.005 117	0.138 172	0.023 819	47 928	37.788 1	6 622	223 082	712 729	14.87	0.335 8
70-74	38	651	0.058 336	0.008 171	0.254 555	0.035 553	41 305	41.099 6	10 514	180 240	489 647	11.85	0.293 1
75-79	31	411	0.075 387	0.011 189	0.317 162	0.047 072	30 791	44.526 0	9 766	129 540	309 407	10.05	0.227 4
80-84	30	229	0.131 216	0.017 041	0.494 022	0.064 158	21 025	41.767 8	10 387	79 159	179 867	8.55	0.161 4
≥85	12	114	0.105 634	NA	1.000 000	NA	10 638	28.889 4	10 638	100 709	100 709	9.47	NA
Female													
<1	110	2 504	0.043 926	0.004 098	0.042 707	0.003 984	100 000	0.000 0	4 271	97 224	5 306 169	53.06	0.805 2
1-4	242	8 423	0.028 731	0.001 745	0.106 823	0.006 490	95 729	1.587 3	10 226	355 930	5 208 945	54.41	0.774 8
5-9	67	9 593	0.006 984	0.000 838	0.034 321	0.004 120	85 503	5.125 9	2 935	420 180	4 853 015	56.76	0.681 3
10-14	31	7 829	0.003 960	0.000 704	0.019 604	0.003 486	82 569	6.021 2	1 619	408 797	4 432 835	53.69	0.651 9
15-19	30	5 904	0.005 081	0.000 916	0.025 088	0.004 523	80 950	6.616 1	2 031	399 673	4 024 038	49.71	0.634 3
20-24	20	4 544	0.004 401	0.000 973	0.021 768	0.004 814	78 919	7.628 6	1 718	390 301	3 624 366	45.93	0.609 0
25-29	25	3 736	0.006 691	0.001 316	0.032 907	0.006 472	77 201	8.743 6	2 540	379 655	3 234 065	41.89	0.585 2
30-34	16	3 230	0.004 953	0.001 223	0.024 461	0.006 040	74 661	10.674 2	1 826	368 738	2 854 410	38.23	0.548 7
35-39	15	2 832	0.005 296	0.001 349	0.026 135	0.006 659	72 834	12.192 0	1 904	359 414	2 485 671	34.13	0.523 2
40-44	22	2 219	0.009 915	0.002 062	0.048 375	0.010 061	70 931	13.915 5	3 431	346 077	2 126 258	29.98	0.499 9
45-49	19	1 993	0.009 532	0.002 135	0.046 548	0.010 427	67 500	17.694 5	3 142	329 643	1 780 181	26.37	0.454 4
50-54	24	1 727	0.013 897	0.002 740	0.067 154	0.013 239	64 358	21.039 6	4 322	310 984	1 450 538	22.54	0.418 8
55-59	30	1 422	0.021 090	0.003 653	0.100 168	0.017 348	60 036	25.568 8	6 014	285 145	1 139 554	18.98	0.376 7
60-64	35	1 144	0.030 596	0.004 790	0.142 109	0.022 249	54 022	31.550 3	7 677	250 918	854 409	15.82	0.324 9
65-69	47	1 016	0.046 257	0.006 007	0.207 310	0.026 923	46 345	37.666 3	9 608	207 706	603 491	13.02	0.266 0
70-74	36	656	0.054 903	0.007 970	0.241 384	0.035 040	36 737	39.236 7	8 868	161 517	395 785	10.77	0.208 1
75-79	44	439	0.100 289	0.011 702	0.400 926	0.046 782	27 870	39.151 7	11 174	111 414	234 268	8.41	0.153 6
80-84	21	227	0.092 450	0.015 943	0.375 469	0.064 750	16 696	31.049 8	6 269	67 808	122 854	7.36	0.084 1
≥85	25	132	0.189 423	NA	1.000 000	NA	10 427	23.797 6	10 427	55 047	55 047	5.28	NA

Note: nD_x , observed deaths between ages x and $x+n$; nq_x , number dying between ages x and $x+n$; e_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; nL_x , person-years lived by the life-table population between ages x and $x+n$; nM_x , observed mortality rate for ages x to $x+n$; NA, not applicable; nPY_x , observed person-years between ages x and $x+n$; 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_{q_x} , standard error in q_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.18. Life table for the Ouhritenga DSS site, Burkina Faso, 1995-98.

Age (years)	nD_x	nPY_x	nM_x	SE_{M_x}	nq_x	SE_{q_x}	l_x	SE_{l_x}	nd_x	nL_x	T_x	e_x (years)	SE_{e_x} (years)
Male													
<1	882	8 035	0.109 774	0.003 502	0.102 253	0.003 262	100 000	0.000 0	10 225	93 149	5 163 358	51.63	0.434 4
1-4	876	34 175	0.025 633	0.000 823	0.095 968	0.003 083	89 775	1.064 2	8 615	336 114	5 070 209	56.48	0.392 3
5-9	189	38 961	0.004 851	0.000 349	0.023 965	0.001 722	81 159	1.635 8	1 945	400 934	4 734 095	58.33	0.354 2
10-14	82	35 857	0.002 287	0.000 251	0.011 369	0.001 248	79 214	1.753 7	901	393 820	4 333 161	54.70	0.345 0
15-19	62	25 399	0.002 441	0.000 308	0.012 131	0.001 531	78 314	1.811 8	950	389 193	3 939 341	50.30	0.341 0
20-24	39	14 117	0.002 763	0.000 439	0.013 719	0.002 182	77 364	1.911 9	1 061	384 164	3 550 148	45.89	0.336 1
25-29	72	10 603	0.006 790	0.000 787	0.033 385	0.003 868	76 302	2.144 7	2 547	375 143	3 165 984	41.49	0.327 8
30-34	88	10 302	0.008 542	0.000 891	0.041 816	0.004 363	73 755	2.875 0	3 084	361 064	2 790 841	37.84	0.305 4
35-39	77	8 098	0.009 508	0.001 058	0.046 438	0.005 168	70 671	3.675 3	3 282	345 149	2 429 777	34.38	0.281 4
40-44	57	6 692	0.008 518	0.001 104	0.041 702	0.005 407	67 389	4.675 7	2 810	329 919	2 084 627	30.93	0.253 5
45-49	70	6 265	0.011 174	0.001 299	0.054 350	0.006 317	64 579	5.621 6	3 510	314 119	1 754 708	27.17	0.229 3
50-54	67	5 330	0.012 571	0.001 488	0.060 940	0.007 215	61 069	6.691 3	3 722	296 041	1 440 589	23.59	0.203 1
55-59	87	4 671	0.018 627	0.001 906	0.088 992	0.009 106	57 347	7.841 8	5 103	273 978	1 144 548	19.96	0.177 3
60-64	94	4 531	0.020 746	0.002 032	0.098 615	0.009 657	52 244	9.235 5	5 152	248 339	870 570	16.66	0.146 4
65-69	185	4 483	0.041 265	0.002 735	0.187 031	0.012 398	47 092	10.049 1	8 808	213 440	622 231	13.21	0.123 1
70-74	169	3 096	0.054 588	0.003 660	0.240 166	0.016 104	38 284	10.050 6	9 195	168 435	408 791	10.68	0.096 0
75-79	173	2 032	0.085 142	0.005 215	0.350 998	0.021 498	29 090	9.603 7	10 210	119 922	240 356	8.26	0.069 4
80-84	147	1 127	0.130 470	0.007 671	0.491 902	0.028 920	18 879	7.956 1	9 287	71 179	120 434	6.38	0.041 7
≥85	101	519	0.194 755	NA	1.000 000	NA	9 593	5.034 9	9 593	49 254	49 254	5.13	NA
Female													
<1	765	7 829	0.097 714	0.003 367	0.091 878	0.003 166	100 000	0.000 0	9 188	94 028	5 507 751	55.08	0.420 2
1-4	935	33 206	0.028 158	0.000 871	0.104 841	0.003 244	90 812	1.002 1	9 521	338 123	5 413 723	59.61	0.374 4
5-9	145	38 667	0.003 750	0.000 309	0.018 576	0.001 528	81 291	1.670 8	1 510	402 681	5 075 600	62.44	0.321 6
10-14	61	33 928	0.001 798	0.000 229	0.008 949	0.001 141	79 781	1.763 7	714	397 121	4 672 918	58.57	0.312 5
15-19	94	26 582	0.003 536	0.000 362	0.017 526	0.001 792	79 067	1.815 1	1 386	391 872	4 275 797	54.08	0.308 2
20-24	83	20 811	0.003 988	0.000 433	0.019 744	0.002 146	77 682	1.952 7	1 534	384 573	3 883 925	50.00	0.299 1
25-29	78	15 542	0.005 019	0.000 561	0.024 782	0.002 771	76 148	2.154 2	1 887	376 021	3 499 351	45.95	0.288 0
30-34	78	13 805	0.005 650	0.000 631	0.027 858	0.003 110	74 261	2.494 0	2 069	366 132	3 123 330	42.06	0.272 2
35-39	64	11 483	0.005 573	0.000 687	0.027 484	0.003 388	72 192	2.890 4	1 984	356 000	2 757 198	38.19	0.255 5
40-44	68	9 590	0.007 090	0.000 845	0.034 835	0.004 150	70 208	3.331 9	2 446	344 925	2 401 199	34.20	0.239 2
45-49	59	8 458	0.006 976	0.000 892	0.034 281	0.004 386	67 762	3.952 7	2 323	333 004	2 056 274	30.35	0.219 2
50-54	81	8 364	0.009 684	0.001 050	0.047 276	0.005 127	65 439	4.569 6	3 094	319 462	1 723 270	26.33	0.201 8
55-59	64	6 000	0.010 666	0.001 298	0.051 945	0.006 322	62 346	5.273 5	3 239	303 631	1 403 808	22.52	0.183 5
60-64	87	5 571	0.015 617	0.001 610	0.075 153	0.007 749	59 107	6.293 5	4 442	284 430	1 100 177	18.61	0.163 5
65-69	153	5 550	0.027 567	0.002 080	0.128 949	0.009 730	54 665	7.480 7	7 049	255 702	815 747	14.92	0.142 8
70-74	226	4 426	0.051 061	0.002 987	0.226 403	0.013 246	47 616	8.504 6	10 780	211 129	560 044	11.76	0.120 9
75-79	169	2 283	0.074 012	0.004 721	0.312 281	0.019 921	36 836	9.067 7	11 503	155 420	348 915	9.47	0.094 5
80-84	104	1 169	0.088 957	0.006 957	0.363 865	0.028 458	25 333	9.673 2	9 218	103 619	193 495	7.64	0.058 2
≥85	136	759	0.179 301	NA	1.000 000	NA	16 115	9.111 5	16 115	80 876	80 876	5.48	NA