

Population and Health in Developing Countries. Volume 1, Population, Health, and Survival at INDEPTH Sites. INDEPTH Network. Ottawa: International Development Research Centre, 2002

Table 6A.3. Life table for the Bandim DSS site, Guinea-Bissau, 1995-97.

Age (years)	nD_x	nPY_x	nM_x	SE_{nM_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													
0	306	2 518	0.121 521	0.006 545	0.112 372	0.006 052	100 000	0.000 0	11 237	92 471	3 585 686	35.86	0.733 7
1-4	236	6 644	0.035 521	0.002 157	0.129 784	0.007 881	88 763	3.662 9	11 520	324 318	3 493 215	39.35	0.692 5
5-9	47	3 702	0.012 697	0.001 794	0.061 530	0.008 695	77 243	7.667 3	4 753	374 332	3 168 897	41.03	0.621 4
10-14	21	3 153	0.006 666	0.001 429	0.032 756	0.007 030	72 490	11.263 2	2 374	356 514	2 794 565	38.55	0.556 9
15-19	15	2 831	0.005 298	0.001 350	0.026 145	0.006 662	70 116	13.134 3	1 833	345 995	2 438 051	34.77	0.523 5
20-24	17	2 441	0.006 964	0.001 660	0.034 226	0.008 158	68 282	14.638 2	2 337	335 569	2 092 056	30.64	0.500 1
25-29	29	2 278	0.012 731	0.002 290	0.061 693	0.011 097	65 945	16.756 2	4 068	319 556	1 756 487	26.64	0.473 0
30-34	30	2 094	0.014 327	0.002 524	0.069 159	0.012 182	61 877	20.107 8	4 279	298 687	1 436 931	23.22	0.436 0
35-39	27	1 676	0.016 108	0.002 977	0.077 420	0.014 311	57 598	23.104 8	4 459	276 840	1 138 244	19.76	0.400 2
40-44	41	1 163	0.035 251	0.005 040	0.161 979	0.023 158	53 138	26.460 3	8 607	244 174	861 404	16.21	0.369 3
45-49	41	772	0.053 121	0.007 259	0.234 469	0.032 039	44 531	33.725 3	10 441	196 553	617 230	13.86	0.309 6
50-54	25	581	0.043 006	0.007 721	0.194 156	0.034 858	34 090	40.174 0	7 963	117 449	420 677	12.34	0.225 9
55-59	34	501	0.067 799	0.009 798	0.289 863	0.041 891	27 471	43.503 1	8 119	77 244	149 325	7.65	0.127 7
60-64	29	276	0.105 107	0.014 913	0.416 177	0.059 050	19 508	50.119 6	6 173	41 514	72 081	6.33	0.077 3
65-69	29	195	0.148 699	0.018 687	0.542 006	0.068 114	11 389	24.689 8	6 173	41 514	72 081	5.86	0.042 0
70-74	17	104	0.163 781	0.025 712	0.581 009	0.091 214	5 216	11.197 2	3 031	18 505	30 567	5.52	0.017 6
75-79	19	106	0.178 709	0.025 353	0.617 614	0.087 618	2 186	4.229 5	1 350	7 553	12 062	5.40	0.009 0
80-84	7	40	0.176 584	0.041 546	0.612 519	0.144 111	836	0.985 1	512	2 899	4 509	4.97	NA
85	5	25	0.201 146	NA	1.000 000	NA	324	0.293 0	324	1 610	1 610	4.97	NA
Female													
<1	264	2 429	0.108 687	0.006 341	0.101 515	0.005 922	100 000	0.000 0	10 152	93 402	3 890 969	38.91	0.806 9
1-4	219	6 249	0.035 045	0.002 211	0.128 314	0.008 095	89 848	3.507 3	11 529	328 969	3 797 567	42.27	0.765 9
5-9	40	3 919	0.010 206	0.001 573	0.049 762	0.007 670	78 320	7.955 3	3 897	381 855	3 468 598	44.29	0.685 6
10-14	17	3 561	0.004 773	0.001 144	0.023 585	0.005 652	74 422	10.791 7	1 755	367 723	3 086 743	41.48	0.632 7
15-19	10	3 456	0.002 893	0.000 908	0.014 363	0.004 509	72 667	12.058 2	1 044	360 726	2 719 020	37.42	0.610 0
20-24	27	3 613	0.007 472	0.001 411	0.036 677	0.006 928	71 623	12.788 0	2 627	351 549	2 358 294	32.93	0.598 8
25-29	31	2 723	0.011 384	0.001 987	0.055 343	0.009 661	68 996	14.329 2	3 818	335 436	2 006 745	29.08	0.578 0
30-34	29	2 065	0.014 043	0.002 518	0.067 832	0.012 161	65 178	17.230 2	4 421	314 837	1 671 309	25.64	0.546 7
35-39	24	1 643	0.014 609	0.002 875	0.070 469	0.013 868	60 757	21.255 0	4 281	293 080	1 356 472	22.33	0.510 0
40-44	29	1 046	0.027 716	0.004 802	0.129 599	0.022 452	56 475	25.464 6	7 319	264 079	1 063 392	18.83	0.477 3
45-49	28	822	0.034 070	0.005 912	0.156 978	0.027 238	49 156	35.370 2	7 716	226 490	799 313	16.26	0.413 8
50-54	23	538	0.042 718	0.008 002	0.192 979	0.036 148	41 440	43.064 4	7 997	187 206	572 823	13.82	0.351 4
55-59	32	455	0.070 318	0.010 407	0.299 024	0.044 257	33 443	50.486 6	10 000	142 213	385 617	11.53	0.281 6
60-64	24	282	0.085 044	0.013 989	0.350 667	0.057 680	23 443	46.713 7	8 221	96 661	243 403	10.38	0.207 2
65-69	13	240	0.054 234	0.013 123	0.238 791	0.057 733	15 222	37.972 4	3 635	67 023	146 742	9.64	0.126 5
70-74	17	140	0.121 466	0.021 530	0.465 858	0.082 577	11 587	29.743 2	5 398	44 441	79 719	6.88	0.095 9
75-79	11	72	0.152 210	0.030 742	0.551 276	0.111 343	6 189	17.641 2	3 412	22 416	35 278	5.70	0.055 2
80-84	9	42	0.214 272	0.039 274	0.697 645	0.127 871	2 777	8.301 0	1 938	9 042	12 862	4.63	0.025 0
85	8	36	0.219 830	NA	1.000 000	NA	840	2.020 0	840	3 820	3 820	4.55	NA

Note: nD_x , observed deaths between ages x and $x+n$; $n d_x$, 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 and $x+n$; SE_{nM_x} , standard error in nM_x ; SE_{nq_x} , standard error in nq_x ; SE_{l_x} , standard error in l_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.4. Life table for the Butajira DSS site, Ethiopia, 1995-96.

Age (years)	nD_x	nPY_x	nM_x	SE_{nM_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	92	1 340	0.068 633	0.006 917	0.065 616	0.006 613	100 000	0.000 0	6 562	95 604	5 581 033	55.81	1.204 2
1-4	73	4 863	0.015 011	0.001 705	0.057 732	0.006 559	93 438	4.372 8	5 394	359 362	5 485 429	58.71	1.138 4
5-9	38	5 608	0.006 776	0.001 881	0.033 317	0.005 314	88 044	7.638 5	2 933	432 887	5 126 067	58.22	1.075 5
10-14	16	4 944	0.003 236	0.000 802	0.016 050	0.003 980	85 111	9.327 0	1 366	422 138	4 693 180	55.14	1.041 2
15-19	18	4 292	0.004 194	0.000 978	0.020 753	0.004 841	83 745	10.177 6	1 738	414 378	4 271 042	51.00	1.025 3
20-24	20	3 464	0.005 774	0.001 273	0.028 459	0.006 272	82 007	11.402 7	2 334	404 199	3 856 664	47.03	1.005 4
25-29	14	2 082	0.006 726	0.001 768	0.033 073	0.008 692	79 673	13.408 8	2 635	391 776	3 452 465	43.33	0.977 4
30-34	7	1 448	0.004 835	0.001 806	0.023 887	0.008 920	77 038	17.332 2	1 840	380 588	3 060 689	39.73	0.932 6
35-39	11	1 541	0.007 137	0.002 114	0.035 057	0.010 383	75 198	21.236 2	2 636	369 397	2 680 101	35.64	0.895 0
40-44	17	1 436	0.011 840	0.002 788	0.057 496	0.013 538	72 561	25.869 6	4 172	352 377	2 310 704	31.84	0.853 9
45-49	20	1 314	0.015 221	0.003 276	0.073 313	0.015 781	68 389	32.630 1	5 014	329 412	1 953 327	28.63	0.797 2
50-54	12	960	0.012 494	0.003 496	0.060 578	0.016 949	63 376	39.668 9	3 839	307 280	1 628 915	25.70	0.736 8
55-59	11	747	0.014 719	0.004 278	0.070 982	0.020 628	59 536	46.546 9	4 226	287 117	1 321 635	22.20	0.687 4
60-64	16	514	0.031 111	0.007 195	0.144 329	0.033 377	55 310	55.256 7	7 983	256 594	1 034 518	18.70	0.636 2
65-69	14	459	0.030 480	0.007 547	0.141 609	0.035 065	47 327	74.537 9	6 702	219 882	777 924	16.44	0.531 5
70-74	17	298	0.057 047	0.011 985	0.249 633	0.052 446	40 625	82.462 2	10 141	177 774	558 042	13.74	0.458 2
75-79	7	159	0.044 025	0.014 899	0.198 300	0.067 109	30 484	91.827 2	6 045	137 308	380 268	12.47	0.328 8
80-84	5	98	0.050 782	0.019 989	0.225 306	0.088 686	24 439	100.870 3	5 506	108 429	242 960	9.94	0.208 2
85	7	50	0.140 732	NA	1.000 000	NA	18 933	107.513 2	18 933	134 531	134 531	7.11	NA
Female													
<1	104	1 395	0.074 539	0.007 045	0.071 094	0.006 719	100 000	0.000 0	7 109	95 379	5 667 969	56.68	1.216 3
1-4	77	4 748	0.016 216	0.001 790	0.062 203	0.006 865	92 891	4.514 5	5 778	356 314	5 572 590	59.99	1.146 0
5-9	34	5 613	0.006 057	0.001 023	0.029 836	0.005 040	87 113	8.036 4	2 599	429 065	5 216 276	59.88	1.074 4
10-14	14	5 130	0.002 729	0.000 724	0.013 552	0.003 597	84 513	9.491 5	1 145	419 704	4 787 211	56.64	1.042 6
15-19	16	4 380	0.003 653	0.000 905	0.018 098	0.004 483	83 368	10.160 3	1 509	413 069	4 367 507	52.39	1.029 1
20-24	11	3 320	0.003 313	0.000 991	0.016 431	0.004 913	81 859	11.19					