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.9. Life table for the Ifakara DSS site, Tanzania, 1997–99.

Age (years)	$_nD_x$	$_nPY_x$	$_nM_x$	$SE_{_nM_x}$	$_nq_x$	$SE_{_nq_x}$	l_x	SE_{l_x}	$_nd_x$	$_nL_x$	T_x	e_x (years)	SE_{e_x} (years)
						Male							
<1	218	2 718	0.080 206	0.005 221	0.076 116	0.004 955	100 000	0.000 0	7 612	94 900	5 573 486	55.73	0.748 4
1–4	133	9 830	0.013 530	0.001 142	0.052 235	0.004 409	92 388	2.455 3	4 826	356 679	5 478 586	59.30	0.686 9
5–9	29	11 525	0.002 516	0.000 464	0.012 503	0.002 307	87 563	3.865 1	1 095	435 076	5 121 907	58.49	0.640 1
10–14	12	10 368	0.001 157	0.000 333	0.005 770	0.001 661	86 468	4.177 2	499	431 092	4 686 831	54.20	0.629 8
15–19	19	9 180	0.002 070	0.000 472	0.010 295	0.002 350	85 969	4.335 4	885	427 632	4 255 739	49.50	0.625 4
20–24	25	6 385	0.003 915	0.000 775	0.019 387	0.003 840	85 084	4.654 6	1 650	421 295	3 828 108	44.99	0.618 0
25–29	32	5 237	0.006 110	0.001 064	0.030 092	0.005 239	83 434	5.543 2	2 511	410 894	3 406 813	40.83	0.601 5
30–34	47	4 492	0.010 463	0.001 487	0.050 982	0.007 244	80 923	7.125 2	4 126	394 303	2 995 918	37.02	0.576 2
35–39	46	3 896	0.011 807	0.001 690	0.057 342	0.008 209	76 798	9.854 0	4 404	372 980	2 601 615	33.88	0.535 3
40–44	36	3 182	0.011 314	0.001 833	0.055 012	0.008 913	72 394	12.730 5	3 983	352 014	2 228 635	30.78	0.492 4
45–49	29	2 569	0.011 288	0.002 038	0.054 893	0.009 910	68 412	15.531 7	3 755	332 669	1 876 621	27.43	0.453 0
50–54	36	2 225	0.016 180	0.002 590	0.077 754	0.012 445	64 656	18.469 3	5 027	310 713	1 543 951	23.88	0.416 2
55–59	51	1 854	0.027 508	0.003 596	0.128 690	0.016 821	59 629	22.183 4	7 674	278 961	1 233 238	20.68	0.372 0
60–64	37	1 754	0.021 095	0.003 290	0.100 190	0.015 624	51 955	26.901 5	5 205	246 763	954 278	18.37	0.307 6
65–69	36	1 315	0.027 376	0.004 260	0.128 114	0.019 938	46 750	28.370 5	5 989	218 776	707 515	15.13	0.272 2
70–74	44	813	0.054 121	0.007 121	0.238 353	0.031 360	40 761	30.254 7	9 715	179 514	488 738	11.99	0.236 4
75–79	47	677	0.069 424	0.008 498	0.295 784	0.036 206	31 045	33.889 9	9 183	132 269	309 224	9.96	0.174 6
80–84	19	214	0.088 785	0.016 253	0.363 289	0.066 504	21 863	29.440 8	7 942	89 457	176 955	8.09	0.127 7
≥85	21	132	0.159 091	NA	1.000 000	NA	13 920	33.074 8	13 920	87 498	87 498	6.29	NA
						Female							
<1	258	2 829	0.091 198	0.005 428	0.086 095	0.005 124	100 000	0.000 0	8 609	94 404	5 822 136	58.22	0.769 8
1–4	137	10 540	0.012 998	0.001 082	0.050 268	0.004 185	91 391	2.625 6	4 594	353 438	5 727 733	62.67	0.698 0
5–9	39	11 657	0.003 346	0.000 531	0.016 589	0.002 634	86 797	3.831 4	1 440	430 383	5 374 294	61.92	0.652 9
10–14	16	9 995	0.001 601	0.000 399	0.007 972	0.001 985	85 357	4.228 1	680	425 082	4 943 911	57.92	0.638 1
15–19	22	8 119	0.002 710	0.000 574	0.013 457	0.002 850	84 676	4.448 1	1 140	420 532	4 518 830	53.37	0.631 1
20–24	29	7 014	0.004 135	0.000 760	0.020 461	0.003 761	83 537	4.911 4	1 709	413 410	4 098 298	49.06	0.618 7
25–29	37	5 940	0.006 229	0.001 008	0.030 667	0.004 964	81 827	5.699 3	2 509	402 863	3 684 888	45.03	0.600 4
30–34	39	4 768	0.008 180	0.001 283	0.040 078	0.006 288	79 318	7.004 9	3 179	388 642	3 282 025	41.38	0.573 3
35–39	26	4 249	0.006 119	0.001 182	0.030 134	0.005 820	76 139	8.941 9	2 294	374 959	2 893 382	38.00	0.536 6
40–44	29	3 495	0.008 298	0.001 509	0.040 645	0.007 393	73 845	10.374 9	3 001	361 720	2 518 423	34.10	0.511 5
45–49	22	2 762	0.007 965	0.001 665	0.039 049	0.008 161	70 843	12.528 7	2 766	347 300	2 156 704	30.44	0.478 8
50–54	26	2 542	0.010 228	0.001 955	0.049 866	0.009 533	68 077	14.912 0	3 395	331 898	1 809 404	26.58	0.448 3
55–59	28	2 226	0.012 579	0.002 304	0.060 976	0.011 166	64 682	17.673 2	3 944	313 551	1 477 506	22.84	0.417 1
60–64	38	1 970	0.019 289	0.002 982	0.092 010	0.014 223	60 738	20.800 4	5 588	289 719	1 163 955	19.16	0.386 6
65–69	37	1 517	0.024 390	0.003 772	0.114 943	0.017 777	55 150	24.611 3	6 339	259 901	874 236	15.85	0.352 6
70–74	42	797	0.052 698	0.007 122	0.232 816	0.031 466	48 811	28.890 8	11 364	215 643	614 335	12.59	0.320 1
75–79	35	507	0.069 034	0.009 802	0.294 365	0.041 797	37 447	40.593 0	11 023	159 676	398 692	10.65	0.248 4
80–84	18	220	0.081 818	0.015 671	0.339 623	0.065 051	26 424	44.709 0	8 974	109 683	239 016	9.05	0.170 4
≥85	17	126	0.134 921	NA	1.000 000	NA	17 450	49.043 7	17 450	129 332	129 332	7.41	NA

Note: $_nD_x$, observed deaths between ages x and $x+n$; $_nd_x$, 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; $SE_{_nM_x}$, standard error in $_nM_x$; $SE_{_nq_x}$, 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.10. Life table for the Manhiça DSS site, Mozambique, 1998–99.

Age (years)	$_nD_x$	$_nPY_x$	$_nM_x$	$SE_{_nM_x}$	$_nq_x$	$SE_{_nq_x}$	l_x	SE_{l_x}	$_nd_x$	$_nL_x$	T_x	e_x (years)	SE_{e_x} (years)
						Male							
<1	119	1 308	0.090 979	0.007 974	0.085 752	0.007 516	100 000	0.000 0	8 575	94 255	4 746 753	47.47	1.090 4
1–4	81	4 486	0.018 056	0.001 936	0.068 905	0.007 388	91 425	5.649 4	6 300	348 893	4 652 499	50.89	1.019 2
5–9	11	4 561	0.002 412	0.000 723	0.011 986	0.003 592	85 125	9.459 5	1 020	423 075	4 303 606	50.56	0.953 7
10–14	12	4 429	0.002 709	0.000 777	0.013 456	0.003 858	84 105	10.169 3	1 132	417 695	3 880 531	46.14	0.942 1
15–19	12	3 828	0.003 135	0.000 898	0.015 552	0.004 454	82 973	10.950 4	1 290	411 640	3 462 836	41.73	0.931 1
20–24	6	1 991	0.003 014	0.001 221	0.014 955	0.006 060	81 683	11.978 5	1 222	405 360	3 051 196	37.35	0.919 3
25–29	13	1 357	0.009 580	0.002 594	0.046 779	0.012 667	80 461	14.072 7	3 764	392 896	2 645 837	32.88	0.902 5
30–34	25	1 128	0.022 163	0.004 193	0.104 998	0.019 867	76 697	23.174 9	8 053	363 353	2 252 941	29.37	0.842 0
35–39	22	1 257	0.017 502	0.003 572	0.083 841	0.017 109	68 644	41.780 7	5 755	328 833	1 889 588	27.53	0.706 9
40–44	30	1 204	0.024 917	0.004 274	0.117 279	0.020 117	62 889	48.861 9	7 376	296 006	1 560 755	24.82	0.629 9
45–49	17	893	0.019 037	0.004 402	0.090 861	0.021 012	55 513	54.079 4	5 044	264 957	1 264 749	22.78	0.542 6
50–54	20	730	0.027 397	0.005 720	0.128 205	0.026 767	50 469	58.304 4	6 470	236 171	999 792	19.81	0.476 1
55–59	32	777	0.041 184	0.006 566	0.186 698	0.029 764	43 999	62.562 4	8 215	199 459	763 621	17.36	0.393 4
60–64	26	664	0.039 157	0.006 961	0.178 326	0.031 701	35 784	58.532 6	6 381	162 969	564 163	15.77	0.312 3
65–69	27	627	0.043 062	0.007 438	0.194 384	0.033 577	29 403	52.387 2	5 716	132 727	401 194	13.64	0.252 9
70–74	14	262	0.053 435	0.012 485	0.235 690	0.055 070	23 688	43.747 2	5 583	104 481	268 467	11.33	0.212 9
75–79	15	199	0.075 377	0.016 083	0.317 125	0.067 664	18 105	42.572 2	5 741	76 170	163 986	9.06	0.150 3
80–84	9	94	0.095 745	0.025 003	0.386 266	0.100 868	12 363	34.859 1	4 776	49 877	87 816	7.10	0.093 5
≥85	17	85	0.200 000	NA	1.000 000	NA	7 588	28.682 0	7 588	37 939	37 939	5.00	NA
						Female							
<1	77	1 247	0.061 748	0.006 825	0.059 365	0.006 561	100 000	0.000 0	5 937	96 141	5 811 687	58.12	1.094 0
1–4	70	4 450	0.015 730	0.001 822	0.060 413	0.006 999	94 063	4.305 2	5 683	361 257	5 715 546	60.76	1.017 1
5–9	15	4 547	0.003 299	0.000 845	0.016 359	0.004 189	88 381	8.135 4	1 446	438 289	5 354 289	60.58	0.928 1
10–14	6	4 201	0.001 428	0.000 581	0.007 116	0.002 895	86 935	9.242 2	619	433 128	4 916 000	56.55	0.901 9
15–19	11	4 068	0.002 704	0.000 810	0.013 429	0.004 022	86 316	9.744 4	1 159	428 683	4 482 872	51.94	0.891 5
20–24	23	3 460	0.006 647	0.001 363	0.032 694	0.006 705	85 157	10.689 6	2 784	418 825	4 054 188	47.61	0.874 3
25–29	17	2 321	0.007 324	0.001 744	0.035 964	0.008 564	82 373	13.262 0	2 962	404 459	3 635 363	44.13	0.832 8
30–34	15	2 050	0.007 317	0.001 855	0.035 928	0.009 108	79 411	17.301 9	2 853	389 920	3 230 904	40.69	0.775 1
35–39	9	1 908	0.004 717	0.001 554	0.023 310	0.007 679	76 558	21.312 7	1 785	378 326	2 840 984	37.11	0.720 2
40–44	11	1 765	0.006 232	0.001 850	0.030 683	0.009 108	74 773	23.786 7	2 294	368 129	2 462 657	32.94	0.689 4
45–49	17	1 449	0.011 732	0.002 763	0.056 990	0.013 422	72 479	26.987 8	4 131	352 067	2 094 528	28.90	0.655 4
50–54	16	1 298	0.012 327	0.002 988	0.059 791	0.014 494	68 348	33.463 5	4 087	331 524	1 742 461	25.49	0.596 2
55–59	34	1 279	0.026 583	0.004 265	0.124 633	0.019 998	64 262	39.395 0	8 009	301 285	1 410 937	21.96	0.544 7
60–64	25	1 041	0.024 015	0.004 523	0.113 276	0.021 333	56 252	46.702 3	6 372	265 332	1 109 652	19.73	0.463 8
65–69	20	885	0.022 599	0.004 775	0.106 952	0.022 600	49 880	51.122 5	5 335	236 065	844 320	16.93	0.401 0
70–74	28	554	0.050 542	0.008 412	0.224 359	0.037 342	44 546	53.480 1	9 994	197 742	608 256	13.65	0.357 2
75–79	32	532	0.060 150	0.009 138	0.261 438	0.039 718	34 551	59.844 0	9 033	150 174	410 513	11.88	0.265 3
80–84	17	207	0.082 126	0.016 173	0.340 681	0.067 092	25 518	51.475 7	8 694	105 858	260 339	10.20	0.200 0
≥85	22	202	0.108 911	NA	1.000 000	NA	16 825	51.688 7	16 825	154 481	154 481	9.18	NA

Note: $_nD_x$, observed deaths between ages x and $x+n$; $_nd_x$, 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