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Global Health Water
project

Kath Mc

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Table 6A.13. Life table for the Mlomp DSS site, Senegal, 1995–99.

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	18	361	0.049 856	0.011 464	0.048 245	0.011 094	100 000	0.000 0	4 824	96 768	6 045 562	60.46	1.479 1
1–4	17	1 551	0.010 963	0.002 602	0.042 606	0.010 111	95 176	12.307 0	4 055	369 884	5 948 794	62.50	1.302 5
5–9	7	2 097	0.003 339	0.001 251	0.016 556	0.006 206	91 120	20.541 2	1 509	451 831	5 578 910	61.23	1.148 3
10–14	4	2 298	0.001 741	0.000 867	0.008 666	0.004 314	89 612	23.064 2	777	446 118	5 127 080	57.21	1.097 5
15–19	5	2 417	0.002 069	0.000 920	0.010 291	0.004 579	88 835	24.160 9	914	441 891	4 680 962	52.69	1.076 5
20–24	4	2 097	0.001 907	0.000 949	0.009 490	0.004 722	87 921	25.320 6	834	437 519	4 239 071	48.21	1.056 6
25–29	5	1 884	0.002 653	0.001 179	0.013 180	0.005 855	87 087	26.566 2	1 148	432 564	3 801 552	43.65	1.039 1
30–34	3	1 187	0.002 526	0.001 449	0.012 553	0.007 202	85 939	28.470 6	1 079	426 997	3 368 989	39.20	1.017 1
35–39	8	824	0.009 709	0.003 350	0.047 393	0.016 354	84 860	31.590 9	4 022	414 246	2 941 991	34.67	0.990 7
40–44	2	558	0.003 583	0.002 511	0.017 756	0.012 444	80 838	47.927 9	1 435	400 603	2 527 746	31.27	0.872 9
45–49	7	491	0.014 253	0.005 198	0.068 811	0.025 097	79 403	56.359 9	5 464	383 355	2 127 143	26.79	0.821 6
50–54	5	484	0.010 334	0.004 503	0.050 367	0.021 950	73 939	88.582 8	3 724	360 385	1 743 788	23.58	0.636 3
55–59	9	719	0.012 514	0.004 043	0.060 674	0.019 602	70 215	106.225 0	4 260	340 424	1 383 403	19.70	0.524 4
60–64	10	664	0.015 067	0.004 588	0.072 600	0.022 109	65 955	112.668 4	4 788	317 803	1 042 979	15.81	0.459 9
65–69	20	509	0.039 293	0.007 962	0.178 892	0.036 247	61 166	118.166 2	10 942	278 477	725 176	11.86	0.409 5
70–74	25	408	0.061 267	0.010 500	0.265 645	0.045 529	50 224	128.826 0	13 342	217 767	446 699	8.89	0.322 3
75–79	30	221	0.135 983	0.017 425	0.507 415	0.065 019	36 882	121.760 3	18 715	137 625	228 933	6.21	0.253 4
80–84	7	38	0.182 547	0.042 154	0.626 720	0.144 724	18 168	87.051 5	11 386	62 373	91 307	5.03	0.177 9
≥85	9	38	0.234 385	NA	1.000 000	NA	6 782	81.262 4	6 782	28 934	28 934	4.27	NA
						Female							
<1	19	372	0.051 058	0.011 420	0.049 418	0.011 054	100 000	0.000 0	4 942	96 788	6 478 388	64.78	1.523 5
1–4	23	1 717	0.013 393	0.002 719	0.051 742	0.010 506	95 058	12.218 1	4 919	367 253	6 381 601	67.13	1.326 6
5–9	7	2 076	0.003 373	0.001 264	0.016 722	0.006 267	90 140	20.960 4	1 507	446 930	6 014 348	66.72	1.131 3
10–14	1	2 209	0.000 453	0.000 452	0.002 261	0.002 258	88 632	23.456 8	200	442 661	5 567 418	62.81	1.069 5
15–19	0	2 488	0.000 000	0.000 000	0.000 000	0.000 000	88 432	23.751 5	0	442 160	5 124 757	57.95	1.062 6
20–24	4	1 943	0.002 059	0.001 024	0.010 241	0.005 094	88 432	23.751 5	906	439 896	4 682 597	52.95	1.062 6
25–29	3	1 438	0.002 087	0.001 199	0.010 380	0.005 962	87 526	25.297 1	908	435 360	4 242 701	48.47	1.037 5
30–34	1	982	0.001 018	0.001 015	0.005 077	0.005 064	86 618	27.497 3	440	431 990	3 807 341	43.96	1.008 8
35–39	2	630	0.003 175	0.002 227	0.015 749	0.011 048	86 178	29.143 0	1 357	427 497	3 375 352	39.17	0.992 1
40–44	2	491	0.004 075	0.002 853	0.020 172	0.014 119	84 821	37.297 6	1 711	419 826	2 947 855	34.75	0.926 5
45–49	6	534	0.011 230	0.004 458	0.054 615	0.021 679	83 110	50.150 3	4 539	404 201	2 528 028	30.42	0.838 5
50–54	1	524	0.001 908	0.001 899	0.009 496	0.009 451	78 571	77.285 0	746	390 988	2 123 827	27.03	0.648 0
55–59	7	665	0.010 530	0.003 877	0.051 299	0.018 885	77 825	81.338 5	3 992	379 142	1 732 839	22.27	0.621 4
60–64	13	620	0.020 958	0.005 516	0.099 575	0.026 206	73 832	94.809 1	7 352	350 782	1 353 696	18.33	0.540 7
65–69	5	569	0.008 791	0.003 846	0.043 010	0.018 817	66 480	114.304 3	2 859	325 254	1 002 915	15.09	0.420 2
70–74	20	433	0.046 227	0.009 204	0.207 192	0.041 252	63 621	120.331 7	13 182	285 151	677 661	10.65	0.386 6
75–79	22	293	0.075 057	0.013 235	0.315 993	0.055 718	50 439	144.512 8	15 938	212 350	392 510	7.78	0.276 9
80–84	23	143	0.160 789	0.021 897	0.573 439	0.078 093	34 501	146.595 0	19 784	123 044	180 160	5.22	0.171 9
≥85	20	78	0.257 663	NA	1.000 000	NA	14 717	99.265 2	14 717	57 116	57 116	3.88	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.14. Life table for the Morogoro DSS site, Tanzania, 1994/95–1998/99.[a]

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	725	6 403	0.113 226	0.003 978	0.105 242	0.003 697	100 000	0.000 0	10 524	92 949	4 444 446	44.44	0.361 9
1–4	648	27 974	0.023 164	0.000 869	0.087 265	0.003 275	89 476	1.366 9	7 808	337 072	4 351 497	48.63	0.312 7
5–9	227	37 856	0.005 996	0.000 392	0.029 539	0.001 931	81 668	1.997 5	2 412	402 307	4 014 425	49.16	0.273 3
10–14	91	34 925	0.002 606	0.000 271	0.012 944	0.001 348	79 255	2.130 0	1 026	393 712	3 612 118	45.58	0.262 6
15–19	104	29 781	0.003 492	0.000 339	0.017 309	0.001 683	78 229	2.189 4	1 354	387 762	3 218 406	41.14	0.258 4
20–24	127	20 814	0.006 102	0.000 533	0.030 050	0.002 626	76 875	2.287 5	2 310	378 601	2 830 644	36.82	0.253 2
25–29	239	17 289	0.013 824	0.000 864	0.066 812	0.004 175	74 565	2.559 7	4 982	360 371	2 452 043	32.88	0.242 9
30–34	246	16 442	0.014 962	0.000 919	0.072 111	0.004 429	69 583	3.198 1	5 018	335 372	2 091 671	30.06	0.220 7
35–39	249	13 795	0.018 051	0.001 093	0.086 356	0.005 231	64 566	3.703 2	5 576	308 889	1 756 299	27.20	0.200 8
40–44	262	10 864	0.024 117	0.001 403	0.113 729	0.006 615	58 990	4.231 9	6 709	278 178	1 447 410	24.54	0.178 9
45–49	273	9 735	0.028 044	0.001 582	0.131 031	0.007 393	52 281	4.846 6	6 850	244 279	1 169 232	22.36	0.150 3
50–54	232	8 666	0.026 770	0.001 644	0.125 455	0.007 703	45 431	5.153 5	5 700	212 904	924 953	20.36	0.121 6
55–59	206	8 002	0.025 744	0.001 682	0.120 935	0.007 900	39 731	5.166 0	4 805	186 643	712 048	17.92	0.098 4
60–64	244	7 066	0.034 530	0.002 027	0.158 929	0.009 331	34 926	4.977 3	5 551	160 754	525 405	15.04	0.081 5
65–69	268	5 304	0.050 527	0.002 718	0.224 301	0.012 067	29 375	4.583 0	6 589	130 405	364 651	12.41	0.065 4
70–74	272	4 329	0.062 829	0.003 252	0.271 501	0.014 051	22 787	4.014 2	6 187	98 466	234 246	10.28	0.047 2
75–79	210	2 616	0.080 284	0.004 520	0.334 319	0.018 823	16 600	3.155 5	5 550	69 126	135 780	8.18	0.032 6
80–84	131	1 238	0.105 797	0.007 050	0.418 338	0.027 876	11 050	2.374 6	4 623	43 694	66 654	6.03	0.018 7
≥85	177	632	0.279 948	NA	1.000 000	NA	6 428	1.752 2	6 428	22 960	22 960	3.57	NA
						Female							
<1	795	6 585	0.120 723	0.004 035	0.111 939	0.003 741	100 000	0.000 0	11 194	92 724	4 610 918	46.11	0.375 0
1–4	604	29 075	0.020 774	0.000 811	0.078 775	0.003 076	88 806	1.399 7	6 996	336 763	4 518 194	50.88	0.321 6
5–9	210	37 882	0.005 543	0.000 377	0.027 339	0.001 861	81 810	1.934 3	2 237	403 460	4 181 432	51.11	0.286 1
10–14	84	34 064	0.002 466	0.000 267	0.012 254	0.001 329	79 574	2.061 7	975	395 431	3 777 971	47.48	0.275 8
15–19	117	28 958	0.004 040	0.000 370	0.020 000	0.001 830	78 599	2.123 3	1 572	389 063	3 382 540	43.04	0.271 6
20–24	220	24 299	0.009 054	0.000 597	0.044 267	0.002 918	77 027	2.246 2	3 410	376 609	2 993 477	38.86	0.265 0
25–29	334	19 878	0.016 802	0.000 882	0.080 625	0.004 230	73 617	2.556 8	5 935	353 246	2 616 867	35.55	0.250 8
30–34	313	16 906	0.018 514	0.000 999	0.088 474	0.004 775	67 682	3.130 8	5 988	323 438	2 263 621	33.45	0.224 5
35–39	270	14 413	0.018 733	0.001 088	0.089 473	0.005 196	61 694	3.645 6	5 520	294 668	1 940 183	31.45	0.195 8
40–44	183	12 606	0.014 517	0.001 035	0.070 042	0.004 993	56 174	4.049 9	3 934	271 032	1 645 516	29.29	0.167 2
45–49	178	11 389	0.015 629	0.001 127	0.075 207	0.005 421	52 239	4.289 1	3 929	251 374	1 374 484	26.31	0.146 4
50–54	149	10 869	0.013 709	0.001 085	0.066 272	0.005 246	48 310	4.470 2	3 202	233 548	1 123 110	23.25	0.127 0
55–59	145	8 392	0.017 279	0.001 374	0.082 817	0.006 587	45 109	4.539 7	3 736	216 204	889 563	19.72	0.113 8
60–64	178	7 345	0.024 233	0.001 709	0.114 242	0.008 059	41 373	4.701 7	4 727	195 048	673 359	16.28	0.099 2
65–69	194	5 125	0.037 853	0.002 472	0.172 903	0.011 290	36 646	4.800 4	6 336	167 391	478 310	13.05	0.084 6
70–74	179	3 221	0.055 579	0.003 612	0.243 993	0.015 857	30 310	4.995 6	7 395	133 062	310 919	10.26	0.066 1
75–79	135	2 049	0.065 888	0.004 802	0.282 849	0.020 615	22 915	5.165 2	6 481	98 370	177 857	7.76	0.043 9
80–84	160	984	0.162 539	0.008 349	0.577 876	0.029 682	16 433	4.888 1	9 496	58 425	79 487	4.84	0.027 0
≥85	169	513	0.329 358	NA	1.000 000	NA	6 937	3.250 2	6 937	21 062	21 062	3.04	NA

Note: $_nD_x$ observed deaths between ages x and $x+n$; $_nd_x$ number dying [illegible]