

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.11. Life table for the comparison area of the Matlab DSS site, Bangladesh, 1998.

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	98	1420	0.069 014	0.006 738	0.065 964	0.006 440	100 000	0.000 0	6 596	95 580	6 339 807	63.40	0.810 7
1-4	31	5 155	0.006 014	0.001 067	0.023 674	0.004 201	93 404	4.147 2	2 211	367 715	6 244 227	66.85	0.684 2
5-9	9	7 274	0.001 237	0.000 411	0.006 167	0.002 049	91 192	5.493 1	562	454 556	5 876 512	64.44	0.631 5
10-14	9	7 295	0.001 234	0.000 410	0.006 150	0.002 044	90 630	5.774 9	557	451 756	5 421 956	59.83	0.620 6
15-19	7	6 146	0.001 139	0.000 429	0.005 679	0.002 140	90 073	6.047 1	511	449 084	4 970 200	55.18	0.611 4
20-24	3	4 095	0.000 733	0.000 422	0.003 656	0.002 107	89 561	6.350 2	327	446 987	4 521 116	50.48	0.602 8
25-29	5	3 243	0.001 542	0.000 687	0.007 679	0.003 421	89 234	6.660 0	685	444 455	4 074 129	45.66	0.595 9
30-34	4	2 949	0.001 356	0.000 676	0.006 759	0.003 368	88 548	7.490 0	599	441 246	3 629 674	40.99	0.580 9
35-39	12	3 279	0.003 660	0.001 047	0.018 132	0.005 187	87 950	8.278 6	1 595	435 762	3 188 429	36.25	0.569 3
40-44	11	2 506	0.004 389	0.001 309	0.021 709	0.006 474	86 355	10.062 0	1 875	427 089	2 752 666	31.88	0.547 3
45-49	6	1 796	0.003 341	0.001 353	0.016 565	0.006 707	84 480	12.755 5	1 399	418 904	2 325 577	27.53	0.520 9
50-54	14	1 613	0.008 679	0.002 270	0.042 476	0.011 108	83 081	15.546 4	3 529	406 583	1 906 674	22.95	0.500 5
55-59	28	1 476	0.018 970	0.003 419	0.090 556	0.016 320	79 552	22.771 2	7 204	379 750	1 500 091	18.86	0.460 1
60-64	43	1 442	0.029 820	0.004 220	0.138 754	0.019 637	72 348	35.689 9	10 039	336 644	1 120 341	15.49	0.396 4
65-69	44	1 016	0.043 307	0.005 856	0.195 382	0.026 421	62 309	46.656 7	12 174	281 112	783 697	12.58	0.333 6
70-74	36	647	0.053 641	0.008 062	0.244 233	0.035 387	50 135	57.308 8	12 245	220 065	502 585	10.02	0.262 2
75-79	44	406	0.108 374	0.012 374	0.426 357	0.048 682	37 891	64.210 1	16 155	149 066	282 520	7.46	0.193 8
80-84	25	190	0.131 579	0.018 700	0.495 050	0.070 356	21 736	55.154 5	10 760	81 778	133 454	6.14	0.110 2
≥85	24	113	0.212 389	NA	1.000 000	NA	10 975	37.448 9	10 975	51 676	51 676	4.71	NA
Female													
<1	112	1 323	0.084 656	0.007 672	0.080 241	0.007 271	100 000	0.000 0	8 024	94 784	6 486 850	64.87	0.820 4
1-4	28	5 101	0.005 489	0.001 026	0.021 643	0.004 046	91 976	5.287 4	1 991	362 650	6 392 066	69.50	0.642 5
5-9	5	7 268	0.000 688	0.000 307	0.003 434	0.001 533	89 985	6.445 6	309	449 154	6 029 415	67.00	0.588 0
10-14	7	6 915	0.001 012	0.000 382	0.005 049	0.001 903	89 676	6.591 7	453	447 250	5 580 261	62.23	0.581 1
15-19	4	5 438	0.000 736	0.000 367	0.003 671	0.001 832	89 224	6.816 7	328	445 299	5 133 012	57.53	0.572 0
20-24	10	4 470	0.002 237	0.000 703	0.011 123	0.003 498	88 896	7.034 0	989	442 008	4 687 713	52.73	0.564 9
25-29	4	4 037	0.000 991	0.000 494	0.004 942	0.002 465	87 907	7.845 3	434	438 450	4 245 705	48.30	0.542 3
30-34	9	3 885	0.002 317	0.000 768	0.011 516	0.003 817	87 473	8.237 4	1 007	434 845	3 807 255	43.53	0.533 1
35-39	6	3 360	0.001 786	0.000 726	0.008 889	0.003 613	86 465	9.163 3	769	430 405	3 372 410	39.00	0.514 8
40-44	9	2 551	0.003 528	0.001 166	0.017 486	0.005 777	85 697	9.976 9	1 498	424 738	2 942 004	34.33	0.501 7
45-49	3	1 904	0.001 576	0.000 906	0.007 847	0.004 513	84 198	12.082 4	661	419 340	2 517 266	29.90	0.475 4
50-54	15	1 982	0.007 568	0.001 917	0.037 138	0.009 409	83 538	13.337 3	3 102	409 932	2 097 927	25.11	0.463 7
55-59	13	1 842	0.007 058	0.001 923	0.034 676	0.009 449	80 435	18.543 4	2 789	395 203	1 687 995	20.99	0.425 3
60-64	26	1 512	0.017 196	0.003 230	0.082 435	0.015 486	77 646	23.056 3	6 401	372 228	1 292 792	16.65	0.399 7
65-69	28	1 038	0.026 975	0.004 765	0.126 354	0.022 319	71 245	33.870 3	9 002	333 721	920 564	12.92	0.354 0
70-74	36	595	0.060 504	0.008 668	0.262 774	0.037 604	62 243	51.136 9	16 356	270 326	586 843	9.43	0.299 0
75-79	36	388	0.092 784	0.012 210	0.375 569	0.049 555	45 887	82.576 0	17 280	186 237	316 516	6.90	0.202 5
80-84	28	144	0.194 444	0.021 609	0.654 206	0.072 702	28 608	83.802 8	18 715	96 250	130 279	4.55	0.123 5
≥85	25	86	0.290 698	NA	1.000 000	NA	9 892	53.277 0	9 892	34 030	34 030	3.44	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 , observed mortality rate for ages x to $x+n$; NA, not applicable; SE_{nM_x} , standard error in nM_x ; nq_x , probability of dying between ages x and $x+n$; SE_{nq_x} , standard error in nq_x ; 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 $x+n$; T_x , person-years lived by the life-table population at ages older than x ; e_x , expectation of life at age x for the life-table population; SE_{e_x} , standard error in e_x .

Table 6A.12. Life table for the treatment area of the Matlab DSS site, Bangladesh, 1998.

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	64	1 308	0.048 930	0.005 970	0.047 377	0.005 780	100 000	0.000 0	4 738	96 826	6 692 804	66.93	0.818 9
1-4	20	4 973	0.004 022	0.000 892	0.015 916	0.003 531	95 262	3.340 9	1 516	377 004	6 595 978	69.24	0.712 3
5-9	9	6 397	0.001 407	0.000 467	0.007 010	0.002 328	93 746	4.366 6	657	467 088	6 218 974	66.34	0.673 4
10-14	4	6 870	0.000 582	0.000 291	0.002 907	0.001 451	93 089	4.782 0	271	464 768	5 751 886	61.79	0.658 6
15-19	5	6 166	0.000 811	0.000 362	0.004 046	0.001 806	92 818	4.936 8	376	463 353	5 287 118	56.96	0.653 7
20-24	3	4 908	0.000 611	0.000 352	0.003 052	0.001 759	92 443	5.177 9	282	461 509	4 823 965	52.18	0.647 3
25-29	2	3 614	0.000 553	0.000 391	0.002 763	0.001 951	92 161	5.410 8	255	460 167	4 368 456	47.34	0.642 2
30-34	4	3 172	0.001 261	0.000 629	0.006 285	0.003 133	91 906	5.704 3	578	458 086	3 902 289	42.46	0.637 1
35-39	4	3 675	0.001 088	0.000 543	0.005 427	0.002 706	91 328	6.461 8	496	455 403	3 444 203	37.71	0.626 4
40-44	12	2 779	0.004 318	0.001 233	0.021 360	0.006 100	90 833	7.002 8	1 940	449 313	2 988 800	32.90	0.620 3
45-49	11	2 084	0.005 582	0.001 571	0.026 048	0.007 751	88 893	9.776 7	2 315	438 674	2 539 487	28.57	0.595 9
50-54	20	1 789	0.011 179	0.002 431	0.054 377	0.011 824	86 577	14.021 0	4 708	421 116	2 100 813	24.27	0.566 7
55-59	34	1 678	0.020 262	0.003 303	0.096 427	0.015 720	81 869	23.016 9	7 894	389 610	1 679 697	20.52	0.515 4
60-64	39	1 557	0.025 048	0.003 767	0.117 860	0.017 726	73 975	35.354 3	8 719	348 078	1 290 086	17.44	0.447 0
65-69	41	1 166	0.035 163	0.005 028	0.161 608	0.023 110	65 256	44.705 6	10 546	299 916	942 009	14.44	0.387 9
70-74	39	761	0.051 248	0.007 214	0.227 140	0.031 975	54 710	54.165 9	12 427	242 484	642 093	11.74	0.323 1
75-79	33	454	0.072 687	0.010 529	0.307 549	0.044 550	42 283	62.956 8	13 004	178 906	399 609	9.45	0.246 3
80-84	26	247	0.105 263	0.015 767	0.416 667	0.062 411	29 279	65.671 8	12 200	115 897	220 703	7.54	0.157 8
≥85	22	135	0.162 963	NA	1.000 000	NA	17 079	55.738 3	17 079	104 806	104 806	6.14	NA
Female													
<1	79	1 268	0.062 303	0.006 797	0.059 878	0.006 532	100 000	0.000 0	5 988	96 108	6 701 577	67.02	0.827 6
1-4	26	4 912	0.005 293	0.001 027	0.020 881	0.004 052	94 012	4.266 7	1 963	370 868	6 605 470	70.26	0.685 8
5-9	3	6 211	0.000 483	0.000 279	0.002 412	0.001 391	92 049	5.541 6	222	459 691	6 234 601	67.73	0.631 3
10-14	6	6 784	0.000 884	0.000 360	0.004 412	0.001 797	91 827	5.678 8	405	458 123	5 774 911	62.89	0.625 7
15-19	4	5 415	0.000 739	0.000 369	0.003 687	0.001 840	91 422	5.901 2	337	456 267	5 316 788	58.16	0.617 6
20-24	7	5 123											