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Graber Heath Wate Katt Ti. Population and Health in Developing Countries VOLUME 1 •

able 6A.1	5. Life t	able for the	Navrongo DSS	site, Ghana, 1	995-99.	SE	lx	SEL.	nd _x	nLx	T _X	e _x (years)	SE _{ex} (years)
ge (years)	nD x	nPY _x	nM _X .	SE Mx	n9x	Male							
ge (years)	11-X								10 658	92 859	4 721 624	47.22	0.3248
				0.003 185	0.106 577	0.002 958	100 000	0.000 0 .	7 463	337 458	4 628 765	51.81	0.2853
_	1 160	10 107	0.114 772	0.000 723	0.083 536	0.002 730	89 342			404 635	4 291 307	52.41	0.2517
4	858	38 795	0.022 116	0.000 298	0.023 253	0.001 474	81 879	1.3297	1904	396 625	3 886 671	48.60	0.2440
-9	243	51644	0.004 705	0.000 254	0.016 255	0.001 259	79 975	1.414 3	1 300	390 365	3 490 046	44.36	0.239 4
)-14	164	50 035	0.003 278	0.000 283	0.015 307	0.001 404	78 675	1.470 1	1 204	383 649	3 099 681	40.01	0.2348
5-19	117	37 926	0.003 085	0.000 410	0.019 130	0.002 031	77 471	1.547 5	1 482	373 940	2 716 032	35.74	0.2269
0-24	87	22 522	0.003 863	0.000 635	0.031 604	0.003 126	75 989	1.736 5	2 402	359 063	2 342 092	31.83	0.211 8
5-29	99	15 415	0.006 422	0.000 801	0.048 232	0.003 908	73 587	2.1926	3 549	340 435	1983 028	28.31	0.192 3
0-34	145	14 669	0.009 885		0.055 714	0.004 128	70 038	2.813 1	3 902		1642 594	24.84	0.175 3
5-39	172	15 006	0.011 462	0.000 849	0.089 331	0.005 658	66 136	3-3443	5 908	315 910	1 326 684	22.03	0.149 4
0-44	227	12 138	0.018 702	0.001 185	0.097 036	0.005 774	60 228	4.173 8	5 844	286 529	1 040 155	19.13	0.1291
5-49	255	12 502	0.020 397	0.001 214	0.121 043	0.006 710	54 384	4.612 5	6 583	255 461	784 694	16.42	0.109 1
0-54	286	11 099	0.025 768	0.001 429	0.121 043	0.007 287	47 801	4.895 2	7 438	220 410	564 284	13.98	0.0927
5-59	385	11 409	0.033 745	0.001 580		0.009 895	40 363	4.703 7	8 369	180 893	383 391	11.98	0.072 5
0-64	348	7 522	0.046 264	0.002 208	0.207 340	0.011 066	31 994	4.5507	8 262	139 315	244 076	10.28	0.0566
	404	6 812	0.059 307	0.002 541	0.258 246	0.014 981	23 732	3.757 2	6 669	101 986		8.33	0.0415
5-69	253	3 869	0.065 392	0.003 486	0.281 017	0.018 781	17 063	3.206 2	7 224	67 255	142 089	7.61	0.026 0
0-74	293	2 728	0.107 405	0.004 765	0.423 349	0.029 905	9 839	2.093 1	4 149	38 823	74 834	6.33	NA
5-79	115	1076	0.106 877	0.007 579	0.421 709	NA	5 690	1.565 7	5 690	36 011	36 011	0.55	
0-84	149	943	0.158 006	. NA	1.000 000	Femal							
285	149	545				Femal	and a second		10 296	93 308	5 138 770	51.39	0.312 5
				0.003 109	0.102 957	0.002 901	100 000	0.000 0	6 569	341 482	5 045 462	56.25	0.265 4
(1	1 1 30	10 241	0.110 341	0.000 682	0.073 230	0.002 595	89 704	0.841 5		411 595	4 703 981	56.58	0.2268
-4	738	38 364	0.019 237	0.000 280	0.019 639	0.001 385	83 135	1.264 6	1633	404 793	4 292 386	52.67	0.217 7
5-9	197	49 662	0.003 967	0.000 242	0.013 351	0.001 201	81 503	1.348 1	1 088	399 742	3 887 593	48.34	0.211 9
0-14	122	45 385	0.002 688	0.000 242	0.011 590	0.001 322	80 414	1.408 1	932	393 431	3 487 851	43.88	0.206 1
15-19	76	32 598	0.002 331		0.020 039	0.002 014	79 483	1.488 6	1 593	383 860	3 094 420	39.73	0.1947
20-24	97	23 960	0.004 048	0.000 407	0.028 701	0.002 462	77 890	1.685 9	2 235		2 710 560	. 35.83	0.180 3
25-29	132	22 666	0.005 824	0.000 500	0.037 393	0.002 839	75 654	1.958 2	2 829	371 199	2 339 361	32.12	0.164 2
30-34	167	21 913	0.007 621	0.000 579	0.028 541	0.002 403	72 825	2.275.8	2 079	358 930	1 980 431	27.99	0.155 3
35-39	137	23 658	0.005 791	0.000 488	0.039 046	0.003 125	70 747	2.4541	2 762	346 828	1 633 603	24.03	0.143 8
40-44	150	18 833	0.007 965	0.000 637	0.039 040	0.003 603	67 984	2.755 0	3 513	331 140	1 302 462	20.20	0.132 6
	195	18 382	0.010 608	0.000 740		0.004 488	64 472	3.077 8	5 346	308 993	993 469	16.80	0.120
45-49	313	18 091	0.017 301	0.000 937	0.082 920	0.005 538	59 126	3.425 9	7 366	277 213	716 256	13.84	0.107 8
50-54	443	16 672	0.026 571	0.001 181	0.124 582	0.005 330	51 760	3.697 7	8 468	237 628	478 628	11.06	0.091
55-59	339	9 513	0.035 635	0.001 770	0.163 602	0.010 210	43 292	4.355 9	11 244	188 349		9.06	0.075
60-64	479	8 024	0.059 696	0.002 347	0.259 719	0.016 423	32 048	4.340 9	11 864	130 580	290 279		0.052
65-69		3 522	0.090 857	0.004 031	0.370 199		20 184	4.492 1	8 6 4 9	79 297	159 699	6.97	0.037
70-74	320	2 558	0.109 070	0.004 936	0.428 506	0.019 394	11 535	2.999 4	5 851	43 046	80 402	6.57	NA
75-79	279	743	0.135 935	0.009 494	0.507 283	0.035 431	5 683	2.398 5	5 683	37 356	37 356		
80-84	101	/43	0.152.1/2	NA	1.000 000	NA	5003	,,,,,,,		life table por	lation I n	umber of su	rvivors at

Note: D_x , observed deaths between ages x and x+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 person-years between ages x and x+n; q_x , person-years lived by the life-table population between ages x and x+n; m_x , observed mortality rate for ages x to x+n; NA, not applicable; P_x , observed person-years between ages x and x+n; q_x , probability of dying between ages x and x+n; SE_{l_x} , standard error in l_x ; SE_{nM_x} , standard error in m_x ; SE_{nd_x} , standard error in m_x ;

Table 6A.16. Life table for the Niakhar DSS site, Senegal, 1995–98.

Age (years)	_n D _x	"PYx	_n M _x	SE Mx	nqx	SE	lx	SElx	_n d _x	nL _x	Tx	ex (years)	SE_{e_x} (years)
24						Male							
<1	223	2 334	0.095 544	0.006 104	0.089 796	0.005 737	100 000	0.000 0	8 980	93 984	4 879 773	48.80	0.803 1
1-4	334	8 207	0.040 697	0.002 057	0.146 844	0.007 422	91 0 2 0	3.291 1	13 366	328 424	4 785 790	52.58	0.742 7
5-9	72	9 281	0.007 758	0.000 897 ·	0.038 051	0.004 398	77 655	6.958 8	2 955	380 886	4 457 366	57.40	0.622 0
10-14	32	8 313	0.003 849	0.000 674	0.019 064	0.003 338	74 700	7.605 8	1 4 2 4	369 939	4 076 480	54-57	0.590 7
15-19	21	6 787	0.003 094	0.000 670	0.015 352	0.003 324	73 276	7.940 2	1 125	363 566	3 706 542	50.58	0.575 7
20-24	15	4 3 4 4	0.003 453	0.000 884	0.017 117	0.004 382	72 151	8.291 6	1 2 3 5	357 666	3 342 976	46.33	0.563 3
25-29	15	2 692	0.005 572	0.001 419	0.027 478	0.006 997	70 916	9.009 7	1949	349 707	2 985 309	42.10	0.545 3
30-34	8	2 517	0.003 178	0.001 115	0.015 767	0.005 530	68 967	10.983 1	1 0 8 7	342 117	2 635 602	38.22	0.506 5
35-39	22	2 6 2 3	0.008 387	0.001 751	0.041 075	0.008 576	67 880	12.094 2	2 788	332 428	2 293 485	33.79	0.487 3
40-44	16	2 312	0.006 920	0.001 700	0.034 014	0.008 358	65 092	14.509 6	2 214	319 923	1961057	30.13	0.448 7
45-49	14	1 6 2 6	0.008 610	0.002 252	0.042 143	0.011 023	62 878	16.498 7	2 650	- 307 763	1 641 134	26.10	0.420 9
50-54	23	1 3 4 2	0.017 139	0.003 424	0.082 172	0.016 415	60 228	19.9416	4 9 4 9	288 766	1 333 371	22.14	0.384 7
55-59	23	1 412	0.016 289	0.003 261	0.078 258	0.015 666	55 279	26.573 0	4 3 2 6	265 578	1 044 605	18.90	0.321 3
60-64	39	1 192	0.032 718	0.004 827	0.151 221	0.022 309	50 953	30.076 5	7 705	235 501	779 026	15.29	0.282 0
65-69	47	1 011	0.046 489	0.006 034	0.208 241	0.027 028	43 248	34.588 7	9 006	193 723	543 526	12.57	0.224 0
70-74	42	688	0.061 047	0.008 077	0.264 817	0.035 036	34 242	35.346 2	9 068	148 539	349 803	10.22	0.167 5
75-79	41	484	0.084 711	0.010 670	0.349 531	0.044 026	25 174	33-497 3	8 799	103 872	201 264	7.99	0.110 5
80-84	36	302	0.119 205	0.014 611	0.459 184	0.056 281	16 375	26.456 3	7 519	63 076	97 393	5.95	0.058 8
≥85	40	155	0.258 065	NA	1.000 000	NA	8 856	16.231 2	8 856	34 316	34 316	3.88	NA
						Femal	le						
<1	173	2 285	0.075 711	0.005 545	0.072 160	0.005 285	100 000	0.000 0	7 216	95 310	5 359 093	53.59	0.816 2
1-4	287	8 132	0.035 293	0.001 944	0.129 143	0.007 114	92 784	2.792 7	11 982	339 515	5 263 783	56.73	0.757 8
5-9	69	9 386	0.007 351	0.000 869	0.036 094	0.004 266	80 802	6.474 6	2 916	396 717	4 924 269	60.94	0.631 0
10-14	23	7 155	0.003 215	0.000 665	0.015 945	0.003 298	77 885	7.203 8	1242	386 321	4 527 552	58.13	0.595 4
15-19	15	5 111	0.002 935	0.000 752	0.014 567	0.003 734	76 643	7.635 7	1 116	380 426	4 141 230	54.03	0.577 4
20-24	16	4 298	0.003 723	0.000 922	0.018 442	0.004 568	75 527	8.233 8	1 393	374 152	3 760 805	49.79	0.5576
25-29	14	3 219	0.004 349	0.001 150	0.021 512	0.005 687	74 134	9.123 1	1 595	366 683	/ 3 386 652	45.68	0.532 3
30-34	9	2 949	0.003 052	0.001 010	0.015 144	0.005 010	72 539	10.512 4	1 099	359 950	3 019 969	41.63	0.498 7
35-39	11	3 208	0.003 429	0.001 025	0.016 999	0.005 082	71 441	11.516 9	1 214	354 168	2 660 019	37.23	0.477 4
40-44	15	2 474	0.006 063	0.001 542	0.029 863	0.007 594	70 226	12.446 6	2 097	345 889	2 305 852	32.83	0.459 8
45-49	19	1904	0.009 979	0.002 233	0.048 681	0.010 893	68 129	14.558 8	3 317	332 354	1 959 963	28.77	0.428 5
50-54	17	1793	0.009 481	0.002 246	0.046 309	0.010 968	64 813	18.683 3	3 001	316 560	1 627 608	25.11	0.376 3
55-59	26	1 829	0.014 215	0.002 690	0.068 638	0.012 991	61 811	22.046 6	4 2 4 3	298 450	1 311 049	21.21	0.336 5
60-64	28	1 5 2 5	0.018 361	0.003 314	0.087 774	0.015 843	57 569	25.5717	5 053	275 211	1 012 599	17.59	0.295 3
65-69	36	1 2 2 2	0.029 460	0.004 561	0.137 195	0.021 239	52 516	29.598 3	7 205	244 566	737 389	14.04	0.253 8
70-74	51	994	0.051 308	0.006 315	0.227 374	0.027 986	45 311	34.475 2	10 302	200 797	492 823	10.88	0.205 3
75-79	37	492	0.075 203	0.010 221	0.316 510	0.043 018	35 008	36.659 8	11 080	147 340	292 026	8.34	0.152 5
80-84	48	379	0.126 649	0.013 170	0.480 962	0.050 014	23 928	39.806 1	11 508	90 868	144 686	6.05	0.0818
≥85	36	156	0.230 769	NA	1.000 000	NA	12 419	25.045 1	12 419	53 818	53 818	4.33	NA

Note: _D., observed deaths between ages x and x+n: d. number dving between ages x and x+n: e. expectation of life at age x for the life-table population: l. number of suppress

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