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FULL LIFE TABLES FOR SOUTH AFRICA FROM VITAL REGISTRATION DATA, 2006-2008

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Thesis submitted to the Faculty of Commerce in partial fulfilment for
the degree of Master of Philosophy in Demography, University of
Cape Town

Centre for Actuarial Research (CARE)
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A7 Life Table- Black Africans

Male					Female				
Age	q_x	l_x	L_x	e_x	Age	q_x	l_x	L_x	e_x
0	0.05447	1.00000	0.98513	49.05594	0	0.04748	1.00000	0.98651	52.51750
1	0.01852	0.94553	0.93678	50.83990	1	0.01647	0.95252	0.94468	54.09951
2	0.00821	0.92802	0.92421	50.78993	2	0.00722	0.93683	0.93345	53.99720
3	0.00438	0.92040	0.91839	50.20614	3	0.00382	0.93007	0.92830	53.38608
4	0.00266	0.91638	0.91516	49.42456	4	0.00232	0.92652	0.92545	52.58870
5	0.00214	0.91394	0.91296	48.55497	5	0.00184	0.92438	0.92352	51.70966
6	0.00196	0.91198	0.91109	47.65811	6	0.00169	0.92267	0.92189	50.80414
7	0.00183	0.91020	0.90936	46.75064	7	0.00159	0.92111	0.92038	49.88938
8	0.00163	0.90853	0.90779	45.83559	8	0.00144	0.91965	0.91898	48.96812
9	0.00143	0.90704	0.90639	44.90976	9	0.00127	0.91832	0.91774	48.03809
10	0.00126	0.90574	0.90517	43.97350	10	0.00107	0.91716	0.91667	47.09839
11	0.00111	0.90460	0.90410	43.02828	11	0.00096	0.91618	0.91574	46.14814
12	0.00110	0.90360	0.90310	42.07546	12	0.00096	0.91530	0.91486	45.19193
13	0.00111	0.90261	0.90211	41.12125	13	0.00101	0.91442	0.91396	44.23480
14	0.00124	0.90161	0.90105	40.16632	14	0.00114	0.91350	0.91298	43.27895
15	0.00137	0.90049	0.89987	39.21563	15	0.00133	0.91246	0.91185	42.32784
16	0.00170	0.89926	0.89849	38.26862	16	0.00160	0.91124	0.91051	41.38369
17	0.00210	0.89773	0.89678	37.33293	17	0.00200	0.90978	0.90887	40.44921
18	0.00254	0.89584	0.89470	36.41044	18	0.00254	0.90796	0.90681	39.52926
19	0.00304	0.89357	0.89221	35.50195	19	0.00331	0.90566	0.90416	38.62872
20	0.00360	0.89085	0.88924	34.60874	20	0.00431	0.90266	0.90072	37.75528
21	0.00424	0.88764	0.88576	33.73197	21	0.00557	0.89877	0.89627	36.91648
22	0.00491	0.88388	0.88171	32.87353	22	0.00710	0.89377	0.89060	36.12033
23	0.00580	0.87954	0.87699	32.03322	23	0.00876	0.88742	0.88354	35.37505
24	0.00677	0.87444	0.87148	31.21718	24	0.01046	0.87965	0.87505	34.68319
25	0.00784	0.86852	0.86511	30.42645	25	0.01210	0.87045	0.86518	34.04447
26	0.00906	0.86171	0.85781	29.66297	26	0.01369	0.85992	0.85403	33.45533
27	0.01044	0.85390	0.84944	28.92956	27	0.01516	0.84814	0.84172	32.91281
28	0.01191	0.84499	0.83995	28.22954	28	0.01650	0.83529	0.82840	32.41169
29	0.01351	0.83492	0.82928	27.56373	29	0.01770	0.82151	0.81424	31.94707
30	0.01524	0.82365	0.81737	26.93433	30	0.01876	0.80696	0.79940	31.51371
31	0.01690	0.81109	0.80424	26.34346	31	0.01956	0.79183	0.78408	31.10660
32	0.01849	0.79738	0.79001	25.78773	32	0.02010	0.77634	0.76854	30.71715
33	0.01993	0.78264	0.77484	25.26415	33	0.02043	0.76074	0.75296	30.33698
34	0.02124	0.76704	0.75889	24.76782	34	0.02060	0.74519	0.73752	29.95936
35	0.02249	0.75075	0.74230	24.29450	35	0.02070	0.72984	0.72229	29.57899
36	0.02356	0.73386	0.72522	23.84199	36	0.02079	0.71473	0.70730	29.19365
37	0.02450	0.71657	0.70779	23.40515	37	0.02076	0.69987	0.69261	28.80291
38	0.02516	0.69902	0.69022	22.98043	38	0.02056	0.68534	0.67830	28.40288
39	0.02556	0.68143	0.67272	22.56059	39	0.02020	0.67125	0.66448	27.98856
40	0.02584	0.66401	0.65543	22.13921	40	0.01980	0.65770	0.65118	27.55528

Life Table- Black Africans cont'd

Age	q_x	l_x	L_x	e_x
41	0.02610	0.64685	0.63841	21.71324
42	0.02640	0.62997	0.62166	21.28174
43	0.02679	0.61334	0.60512	20.84526
44	0.02710	0.59691	0.58882	20.40535
45	0.02741	0.58073	0.57277	19.95981
46	0.02780	0.56481	0.55696	19.50820
47	0.02827	0.54911	0.54135	19.05174
48	0.02887	0.53359	0.52589	18.59139
49	0.02960	0.51819	0.51052	18.12915
50	0.03041	0.50285	0.49520	17.66689
51	0.03137	0.48756	0.47991	17.20528
52	0.03250	0.47227	0.46459	16.74623
53	0.03376	0.45692	0.44920	16.29197
54	0.03513	0.44149	0.43374	15.84371
55	0.03653	0.42598	0.41820	15.40241
56	0.03793	0.41042	0.40263	14.96749
57	0.03930	0.39485	0.38709	14.53793
58	0.04066	0.37933	0.37162	14.11219
59	0.04203	0.36391	0.35626	13.68909
60	0.04346	0.34861	0.34104	13.26780
61	0.04501	0.33346	0.32596	12.84788
62	0.04677	0.31845	0.31101	12.42983
63	0.04870	0.30356	0.29617	12.01512
64	0.05070	0.28878	0.28146	11.60461
65	0.05270	0.27414	0.26691	11.19769
66	0.05470	0.25969	0.25259	10.79282
67	0.05669	0.24548	0.23853	10.38841
68	0.05861	0.23157	0.22478	9.98269
69	0.06077	0.21800	0.21137	9.57306
70	0.06324	0.20475	0.19827	9.16007
71	0.06621	0.19180	0.18545	8.74472
72	0.06988	0.17910	0.17284	8.32929
73	0.07431	0.16659	0.16040	7.91754
74	0.07952	0.15421	0.14808	7.51297
75	0.08561	0.14194	0.13587	7.11879
76	0.09242	0.12979	0.12380	6.73847
77	0.10001	0.11780	0.11191	6.37371
78	0.10821	0.10602	0.10028	6.02641
79	0.11701	0.09455	0.08901	5.69697
80	0.12631	0.08348	0.07821	5.38564
81	0.13601	0.07294	0.06798	5.09195
82	0.14610	0.06302	0.05841	4.81481
83	0.15647	0.05381	0.04960	4.55306
84	0.16711	0.04539	0.04160	4.30486
85	0.17792	0.03781	0.03444	4.06825
86	0.18904	0.03108	0.02814	3.84049
87	0.20096	0.02520	0.02267	3.61918
88	0.21429	0.02014	0.01798	3.40365
89	0.22937	0.01582	0.01401	3.19560
90	0.24523	0.01219	0.01070	2.99792

Age	q_x	l_x	L_x	e_x
41	0.01941	0.64467	0.63842	27.10179
42	0.01914	0.63216	0.62611	26.62831
43	0.01886	0.62006	0.61421	26.13821
44	0.01860	0.60837	0.60271	25.63099
45	0.01837	0.59705	0.59157	25.10729
46	0.01824	0.58609	0.58074	24.56770
47	0.01820	0.57539	0.57016	24.01489
48	0.01826	0.56492	0.55977	23.45080
49	0.01834	0.55461	0.54952	22.87763
50	0.01853	0.54444	0.53939	22.29574
51	0.01880	0.53435	0.52932	21.70732
52	0.01921	0.52430	0.51926	21.11366
53	0.01975	0.51423	0.50915	20.51737
54	0.02041	0.50407	0.49893	19.92067
55	0.02120	0.49379	0.48855	19.32527
56	0.02201	0.48332	0.47800	18.73301
57	0.02294	0.47268	0.46726	18.14332
58	0.02396	0.46184	0.45630	17.55759
59	0.02510	0.45077	0.44511	16.97630
60	0.02637	0.43946	0.43366	16.40050
61	0.02784	0.42787	0.42191	15.83110
62	0.02946	0.41596	0.40983	15.27016
63	0.03120	0.40370	0.39741	14.71847
64	0.03297	0.39111	0.38466	14.17638
65	0.03477	0.37821	0.37164	13.64261
66	0.03654	0.36507	0.35840	13.11600
67	0.03827	0.35173	0.34500	12.59449
68	0.04011	0.33827	0.33148	12.07572
69	0.04217	0.32470	0.31785	11.55940
70	0.04465	0.31101	0.30406	11.04627
71	0.04765	0.29712	0.29004	10.53917
72	0.05117	0.28296	0.27572	10.04147
73	0.05521	0.26848	0.26107	9.55600
74	0.05981	0.25366	0.24608	9.08519
75	0.06485	0.23849	0.23076	8.63131
76	0.07034	0.22302	0.21518	8.19520
77	0.07621	0.20734	0.19944	7.77745
78	0.08242	0.19154	0.18364	7.37780
79	0.08902	0.17575	0.16793	6.99556
80	0.09602	0.16011	0.15242	6.63027
81	0.10342	0.14473	0.13725	6.28140
82	0.11131	0.12977	0.12254	5.94826
83	0.11955	0.11532	0.10843	5.63065
84	0.12820	0.10153	0.09503	5.32731
85	0.13716	0.08852	0.08245	5.03717
86	0.14647	0.07638	0.07078	4.75840
87	0.15635	0.06519	0.06009	4.48916
88	0.16725	0.05500	0.05040	4.22844
89	0.17945	0.04580	0.04169	3.97723
90	0.19240	0.03758	0.03397	3.73767