

Marandu, S.H. (2011): Full life tables for South Africa from Vital Registration Data, 2006-2008. Thesis submitted to the Faculty of Commerce in partial fulfilment for the degree of Master of Philosophy, University of Cape Town. Centre for Actuarial Research (CARE).

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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)
November 2011

A9 Life Table-Coloureds

Male					Female				
Age	q_x	l_x	L_x	e_x	Age	q_x	l_x	L_x	e_x
0	0.02839	1.00000	0.99225	58.77774	0	0.02465	1.00000	0.99300	66.23097
1	0.00736	0.97161	0.96804	59.47397	1	0.00610	0.97535	0.97238	66.88676
2	0.00331	0.96446	0.96287	58.91099	2	0.00295	0.96940	0.96797	66.29398
3	0.00221	0.96127	0.96021	58.10487	3	0.00176	0.96654	0.96569	65.48864
4	0.00150	0.95915	0.95843	57.23237	4	0.00112	0.96484	0.96431	64.60312
5	0.00110	0.95771	0.95718	56.31759	5	0.00090	0.96377	0.96333	63.67478
6	0.00090	0.95666	0.95623	55.37906	6	0.00080	0.96290	0.96251	62.73169
7	0.00080	0.95580	0.95541	54.42849	7	0.00071	0.96213	0.96179	61.78151
8	0.00071	0.95503	0.95469	53.47167	8	0.00061	0.96145	0.96115	60.82495
9	0.00070	0.95435	0.95402	52.50922	9	0.00050	0.96086	0.96062	59.86167
10	0.00061	0.95369	0.95340	51.54565	10	0.00040	0.96038	0.96019	58.89137
11	0.00060	0.95311	0.95282	50.57672	11	0.00040	0.96000	0.95981	57.91473
12	0.00061	0.95253	0.95225	49.60679	12	0.00041	0.95961	0.95942	56.93771
13	0.00071	0.95196	0.95162	48.63668	13	0.00050	0.95922	0.95898	55.96076
14	0.00087	0.95128	0.95087	47.67080	14	0.00059	0.95874	0.95846	54.98851
15	0.00116	0.95046	0.94991	46.71172	15	0.00070	0.95818	0.95784	54.02076
16	0.00154	0.94936	0.94862	45.76531	16	0.00087	0.95750	0.95709	53.05826
17	0.00200	0.94789	0.94694	44.83520	17	0.00104	0.95667	0.95618	52.10385
18	0.00240	0.94600	0.94486	43.92405	18	0.00123	0.95568	0.95509	51.15766
19	0.00280	0.94373	0.94240	43.02852	19	0.00146	0.95450	0.95380	50.22021
20	0.00320	0.94108	0.93958	42.14793	20	0.00180	0.95311	0.95225	49.29283
21	0.00360	0.93807	0.93638	41.28163	21	0.00220	0.95139	0.95035	48.38081
22	0.00400	0.93469	0.93283	40.42898	22	0.00256	0.94930	0.94808	47.48638
23	0.00431	0.93096	0.92895	39.58933	23	0.00290	0.94687	0.94550	46.60690
24	0.00464	0.92695	0.92479	38.75847	24	0.00324	0.94412	0.94259	45.74099
25	0.00494	0.92264	0.92036	37.93688	25	0.00360	0.94106	0.93937	44.88813
26	0.00530	0.91808	0.91565	37.12280	26	0.00406	0.93768	0.93577	44.04850
27	0.00570	0.91322	0.91061	36.31794	27	0.00446	0.93387	0.93179	43.22596
28	0.00610	0.90801	0.90524	35.52327	28	0.00480	0.92971	0.92748	42.41730
29	0.00650	0.90247	0.89954	34.73822	29	0.00510	0.92524	0.92289	41.61947
30	0.00690	0.89661	0.89351	33.96223	30	0.00533	0.92053	0.91807	40.83025
31	0.00739	0.89042	0.88713	33.19472	31	0.00553	0.91562	0.91308	40.04650
32	0.00786	0.88384	0.88037	32.43819	32	0.00573	0.91055	0.90794	39.26654
33	0.00830	0.87689	0.87325	31.69116	33	0.00593	0.90533	0.90264	38.49009
34	0.00879	0.86962	0.86579	30.95221	34	0.00606	0.89996	0.89723	37.71684
35	0.00920	0.86197	0.85800	30.22231	35	0.00610	0.89451	0.89178	36.94369
36	0.00954	0.85404	0.84997	29.49830	36	0.00619	0.88905	0.88630	36.16736
37	0.00989	0.84589	0.84171	28.77765	37	0.00620	0.88354	0.88081	35.38957
38	0.01019	0.83752	0.83326	28.06016	38	0.00629	0.87807	0.87530	34.60724
39	0.01049	0.82899	0.82464	27.34394	39	0.00636	0.87254	0.86977	33.82319
40	0.01080	0.82029	0.81586	26.62856	40	0.00653	0.86699	0.86416	33.03642

Life Table- Coloureds cont'd

Age	q_x	l_x	L_x	e_x
41	0.01121	0.81143	0.80688	25.91383
42	0.01174	0.80234	0.79763	25.20191
43	0.01233	0.79292	0.78803	24.49539
44	0.01296	0.78314	0.77806	23.79503
45	0.01370	0.77299	0.76769	23.10086
46	0.01450	0.76240	0.75687	22.41479
47	0.01530	0.75134	0.74560	21.73723
48	0.01614	0.73985	0.73388	21.06721
49	0.01707	0.72791	0.72169	20.40465
50	0.01810	0.71548	0.70901	19.75025
51	0.01920	0.70253	0.69579	19.10510
52	0.02044	0.68904	0.68200	18.46931
53	0.02184	0.67496	0.66759	17.84430
54	0.02340	0.66022	0.65249	17.23159
55	0.02504	0.64477	0.63669	16.63249
56	0.02684	0.62862	0.62018	16.04685
57	0.02880	0.61175	0.60294	15.47566
58	0.03084	0.59413	0.58497	14.91975
59	0.03306	0.57581	0.56629	14.37864
60	0.03541	0.55677	0.54691	13.85313
61	0.03797	0.53706	0.52686	13.34329
62	0.04067	0.51667	0.50616	12.85016
63	0.04351	0.49565	0.48487	12.37368
64	0.04651	0.47409	0.46307	11.91379
65	0.04970	0.45204	0.44081	11.47052
66	0.05297	0.42957	0.41820	11.04427
67	0.05641	0.40682	0.39535	10.63400
68	0.06000	0.38387	0.37236	10.23981
69	0.06367	0.36084	0.34935	9.86150
70	0.06751	0.33787	0.32646	9.49805
71	0.07150	0.31506	0.30379	9.14946
72	0.07557	0.29253	0.28148	8.81552
73	0.07977	0.27043	0.25964	8.49527
74	0.08410	0.24885	0.23839	8.18830
75	0.08850	0.22793	0.21784	7.89426
76	0.09296	0.20775	0.19810	7.61219
77	0.09750	0.18844	0.17926	7.34108
78	0.10207	0.17007	0.16139	7.08015
79	0.10667	0.15271	0.14457	6.82810
80	0.11134	0.13642	0.12883	6.58370
81	0.11600	0.12123	0.11420	6.34594
82	0.12066	0.10717	0.10070	6.11305
83	0.12536	0.09424	0.08833	5.88324
84	0.13009	0.08242	0.07706	5.65480
85	0.13481	0.07170	0.06687	5.42568
86	0.13974	0.06204	0.05770	5.19316
87	0.14536	0.05337	0.04949	4.95553
88	0.15222	0.04561	0.04214	4.71336
89	0.16065	0.03867	0.03556	4.46990
90	0.16976	0.03245	0.02970	4.22973

Age	q_x	l_x	L_x	e_x
41	0.00674	0.86133	0.85843	32.25039
42	0.00704	0.85552	0.85251	31.46590
43	0.00740	0.84950	0.84636	30.68550
44	0.00771	0.84321	0.83996	29.91053
45	0.00809	0.83671	0.83333	29.13900
46	0.00840	0.82994	0.82646	28.37263
47	0.00880	0.82297	0.81935	27.60874
48	0.00920	0.81573	0.81198	26.84942
49	0.00967	0.80822	0.80432	26.09408
50	0.01027	0.80041	0.79630	25.34391
51	0.01094	0.79219	0.78786	24.60162
52	0.01169	0.78353	0.77894	23.86825
53	0.01246	0.77436	0.76954	23.14469
54	0.01331	0.76472	0.75963	22.43037
55	0.01421	0.75454	0.74918	21.72616
56	0.01517	0.74382	0.73818	21.03209
57	0.01620	0.73254	0.72660	20.34829
58	0.01730	0.72067	0.71444	19.67513
59	0.01850	0.70820	0.70165	19.01270
60	0.01983	0.69510	0.68821	18.36164
61	0.02124	0.68132	0.67408	17.72306
62	0.02280	0.66684	0.65924	17.09685
63	0.02441	0.65164	0.64369	16.48409
64	0.02614	0.63573	0.62742	15.88399
65	0.02796	0.61911	0.61046	15.29695
66	0.02990	0.60181	0.59281	14.72255
67	0.03190	0.58381	0.57450	14.16091
68	0.03404	0.56519	0.55557	13.61105
69	0.03640	0.54595	0.53601	13.07310
70	0.03894	0.52608	0.51583	12.54805
71	0.04175	0.50559	0.49503	12.03624
72	0.04487	0.48448	0.47361	11.53886
73	0.04824	0.46274	0.45158	11.05740
74	0.05184	0.44042	0.42900	10.59252
75	0.05570	0.41759	0.40596	10.14434
76	0.05977	0.39433	0.38254	9.71322
77	0.06404	0.37076	0.35889	9.29886
78	0.06844	0.34702	0.33514	8.90091
79	0.07303	0.32327	0.31146	8.51813
80	0.07770	0.29966	0.28802	8.14986
81	0.08254	0.27637	0.26497	7.79433
82	0.08747	0.25356	0.24247	7.45058
83	0.09254	0.23138	0.22068	7.11680
84	0.09770	0.20997	0.19971	6.79157
85	0.10291	0.18946	0.17971	6.47281
86	0.10829	0.16996	0.16076	6.15796
87	0.11425	0.15156	0.14290	5.84506
88	0.12120	0.13424	0.12610	5.53452
89	0.12940	0.11797	0.11034	5.22888
90	0.13820	0.10270	0.09561	4.93177