

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

A10 Life table – Indian/Asians

Male					Female				
Age	q_x	l_x	L_x	e_x	Age	q_x	l_x	L_x	e_x
0	0.02241	1.00000	0.99388	63.52893	0	0.01615	1.00000	0.99541	71.07419
1	0.00674	0.97759	0.97429	63.96860	1	0.00626	0.98385	0.98077	71.22924
2	0.00285	0.97100	0.96961	63.39946	2	0.00160	0.97769	0.97690	70.67508
3	0.00165	0.96823	0.96743	62.57923	3	0.00124	0.97612	0.97552	69.78754
4	0.00094	0.96663	0.96618	61.68183	4	0.00096	0.97491	0.97444	68.87368
5	0.00066	0.96572	0.96541	60.73950	5	0.00076	0.97398	0.97361	67.93927
6	0.00060	0.96509	0.96480	59.77918	6	0.00061	0.97324	0.97294	66.99045
7	0.00060	0.96451	0.96422	58.81477	7	0.00051	0.97264	0.97240	66.03092
8	0.00060	0.96393	0.96364	57.84978	8	0.00044	0.97215	0.97194	65.06425
9	0.00060	0.96335	0.96306	56.88421	9	0.00040	0.97172	0.97153	64.09278
10	0.00060	0.96277	0.96248	55.91806	10	0.00040	0.97133	0.97114	63.11822
11	0.00064	0.96220	0.96189	54.95134	11	0.00040	0.97094	0.97075	62.14328
12	0.00070	0.96158	0.96124	53.98630	12	0.00046	0.97055	0.97033	61.16795
13	0.00076	0.96090	0.96054	53.02376	13	0.00051	0.97011	0.96986	60.19577
14	0.00094	0.96018	0.95972	52.06362	14	0.00060	0.96962	0.96933	59.22613
15	0.00121	0.95927	0.95869	51.11223	15	0.00069	0.96904	0.96870	58.26139
16	0.00151	0.95811	0.95739	50.17346	16	0.00074	0.96836	0.96801	57.30136
17	0.00180	0.95667	0.95581	49.24849	17	0.00081	0.96765	0.96726	56.34352
18	0.00206	0.95495	0.95396	48.33640	18	0.00091	0.96686	0.96643	55.38870
19	0.00227	0.95298	0.95190	47.43507	19	0.00104	0.96599	0.96548	54.43860
20	0.00241	0.95082	0.94968	46.54169	20	0.00116	0.96498	0.96442	53.49485
21	0.00250	0.94853	0.94734	45.65284	21	0.00130	0.96386	0.96324	52.55630
22	0.00260	0.94616	0.94493	44.76601	22	0.00146	0.96261	0.96191	51.62407
23	0.00277	0.94370	0.94239	43.88140	23	0.00163	0.96121	0.96042	50.69873
24	0.00297	0.94109	0.93969	43.00176	24	0.00183	0.95964	0.95876	49.78086
25	0.00317	0.93830	0.93681	42.12822	25	0.00203	0.95788	0.95690	48.87137
26	0.00337	0.93532	0.93375	41.26046	26	0.00223	0.95593	0.95486	47.96993
27	0.00364	0.93218	0.93048	40.39815	27	0.00243	0.95379	0.95263	47.07618
28	0.00387	0.92878	0.92699	39.54398	28	0.00263	0.95147	0.95022	46.18979
29	0.00414	0.92519	0.92327	38.69553	29	0.00283	0.94897	0.94762	45.31042
30	0.00450	0.92136	0.91928	37.85439	30	0.00297	0.94628	0.94487	44.43775
31	0.00490	0.91721	0.91496	37.02324	31	0.00314	0.94347	0.94199	43.56848
32	0.00524	0.91272	0.91033	36.20309	32	0.00324	0.94051	0.93898	42.70422
33	0.00553	0.90793	0.90542	35.39122	33	0.00331	0.93746	0.93591	41.84147
34	0.00576	0.90291	0.90031	34.58535	34	0.00340	0.93436	0.93277	40.97870
35	0.00600	0.89771	0.89502	33.78277	35	0.00344	0.93118	0.92958	40.11680
36	0.00629	0.89232	0.88952	32.98367	36	0.00350	0.92798	0.92635	39.25362
37	0.00656	0.88671	0.88380	32.18934	37	0.00356	0.92473	0.92308	38.38973
38	0.00683	0.88089	0.87788	31.39854	38	0.00361	0.92144	0.91977	37.52504
39	0.00706	0.87487	0.87179	30.61113	39	0.00370	0.91811	0.91641	36.65912
40	0.00734	0.86870	0.86551	29.82518	40	0.00374	0.91471	0.91300	35.79340

Life Table- Indian/Asians cont'd

Age	q_x	l_x	L_x	e_x
41	0.00770	0.86232	0.85900	29.04207
42	0.00814	0.85568	0.85220	28.26355
43	0.00864	0.84872	0.84505	27.49144
44	0.00920	0.84138	0.83751	26.72673
45	0.00974	0.83364	0.82958	25.97025
46	0.01026	0.82552	0.82129	25.22082
47	0.01076	0.81705	0.81266	24.47704
48	0.01130	0.80826	0.80369	23.73780
49	0.01190	0.79913	0.79437	23.00339
50	0.01260	0.78962	0.78464	22.27440
51	0.01340	0.77967	0.77445	21.55226
52	0.01427	0.76922	0.76373	20.83819
53	0.01531	0.75825	0.75244	20.13255
54	0.01650	0.74664	0.74048	19.43776
55	0.01777	0.73432	0.72780	18.75548
56	0.01921	0.72127	0.71435	18.08568
57	0.02080	0.70742	0.70006	17.43009
58	0.02247	0.69270	0.68492	16.78972
59	0.02434	0.67714	0.66890	16.16410
60	0.02636	0.66066	0.65195	15.55491
61	0.02854	0.64325	0.63407	14.96247
62	0.03090	0.62489	0.61523	14.38738
63	0.03337	0.60558	0.59547	13.83019
64	0.03601	0.58537	0.57483	13.29032
65	0.03881	0.56429	0.55334	12.76808
66	0.04177	0.54239	0.53107	12.26341
67	0.04491	0.51974	0.50807	11.77614
68	0.04825	0.49640	0.48442	11.30635
69	0.05180	0.47245	0.46021	10.85419
70	0.05547	0.44797	0.43555	10.41984
71	0.05940	0.42313	0.41056	10.00237
72	0.06347	0.39799	0.38536	9.60245
73	0.06771	0.37273	0.36012	9.21930
74	0.07211	0.34750	0.33497	8.85255
75	0.07665	0.32244	0.31008	8.50164
76	0.08131	0.29772	0.28562	8.16588
77	0.08610	0.27352	0.26174	7.84435
78	0.09100	0.24997	0.23859	7.53627
79	0.09596	0.22722	0.21632	7.24067
80	0.10096	0.20542	0.19505	6.95615
81	0.10600	0.18468	0.17489	6.68115
82	0.11104	0.16510	0.15594	6.41404
83	0.11614	0.14677	0.13825	6.15277
84	0.12120	0.12972	0.12186	5.89556
85	0.12627	0.11400	0.10680	5.63969
86	0.13156	0.09961	0.09305	5.38246
87	0.13752	0.08650	0.08055	5.12210
88	0.14473	0.07461	0.06921	4.85910
89	0.15348	0.06381	0.05891	4.59672
90	0.16291	0.05402	0.04962	4.33948

Age	q_x	l_x	L_x	e_x
41	0.00381	0.91129	0.90956	34.92596
42	0.00390	0.90782	0.90605	34.05756
43	0.00399	0.90428	0.90248	33.18895
44	0.00413	0.90067	0.89881	32.31996
45	0.00427	0.89695	0.89504	31.45202
46	0.00447	0.89312	0.89113	30.58465
47	0.00474	0.88913	0.88702	29.71963
48	0.00501	0.88492	0.88270	28.85884
49	0.00531	0.88048	0.87815	28.00159
50	0.00570	0.87581	0.87331	27.14836
51	0.00614	0.87082	0.86814	26.30112
52	0.00666	0.86547	0.86259	25.46056
53	0.00726	0.85971	0.85659	24.62787
54	0.00796	0.85347	0.85007	23.80428
55	0.00874	0.84668	0.84298	22.99123
56	0.00964	0.83927	0.83523	22.18958
57	0.01066	0.83118	0.82675	21.40074
58	0.01180	0.82232	0.81747	20.62590
59	0.01304	0.81262	0.80732	19.86622
60	0.01444	0.80202	0.79623	19.12213
61	0.01600	0.79044	0.78412	18.39501
62	0.01767	0.77779	0.77092	17.68598
63	0.01954	0.76405	0.75659	16.99506
64	0.02160	0.74912	0.74103	16.32383
65	0.02384	0.73294	0.72420	15.67317
66	0.02626	0.71547	0.70607	15.04376
67	0.02889	0.69668	0.68661	14.43595
68	0.03169	0.67655	0.66583	13.85056
69	0.03464	0.65511	0.64376	13.28751
70	0.03780	0.63241	0.62046	12.74639
71	0.04113	0.60851	0.59599	12.22749
72	0.04460	0.58348	0.57047	11.73057
73	0.04821	0.55746	0.54402	11.25484
74	0.05197	0.53058	0.51680	10.79957
75	0.05581	0.50301	0.48897	10.36414
76	0.05980	0.47494	0.46074	9.94718
77	0.06381	0.44654	0.43229	9.54806
78	0.06794	0.41804	0.40384	9.16475
79	0.07213	0.38964	0.37559	8.79636
80	0.07636	0.36153	0.34773	8.44132
81	0.08064	0.33393	0.32046	8.09784
82	0.08491	0.30700	0.29397	7.76429
83	0.08924	0.28093	0.26840	7.43832
84	0.09360	0.25586	0.24389	7.11817
85	0.09792	0.23191	0.22056	6.80160
86	0.10246	0.20921	0.19849	6.48562
87	0.10750	0.18777	0.17768	6.16894
88	0.11359	0.16758	0.15807	5.85178
89	0.12089	0.14855	0.13957	5.53758
90	0.12874	0.13059	0.12218	5.23031