

Van Tonder, J.L., van Eeden, I.J. (1975): Abridged life tables for all the population groups in South Africa (1921-1970). Report n° S-34. Pretoria: Human Science Rerearch Council.

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APPENDIX 1

ABRIDGED LIFE TABLE FOR WHITE MEN OF S.A. MUTUAL, 1845-1895

Age (yrs)	$n^q_x$	$n^p_x$	$l_x$	$n^L_x$	$n^P_x$	$T_x$	$e_x$
0	0,19200	0,80800	100 000	904 000	0,90400	5 034 382	50,34
10	0,03259	0,95741	80 800 (*)	794 835	0,87920	4 130 382	51,12
20	0,04486	0,95514	78 167 (*)	764 136	0,94016	3 335 547	42,67
30	0,07552	0,92448	74 660	718 410	0,90524	2 571 412	34,44
40	0,11558	0,88442	69 022	650 330	0,83739	1 653 002	26,85
50	0,21578	0,78422	61 044	544 580	0,72345	1 202 572	19,70
60	0,35404	0,64596	47 872	393 975	0,51675	658 092	13,75
70	0,68328	0,31672	30 923	203 585	0,28787	264 117	8,54
80	0,80321	0,19679	9 794	58 605	0,03183	605 32	6,18
90	1,00000	0,00000	1 927	1 927	-	1 927	1,00

(\*) These two values were taken over from the life table for men of "Model West, level 14" from Coale, A.J. and Demeny, P.: Regional model life tables and stable populations (1966). The expectation of life at particular ages of this model and the expectation of life of the initial model are as follows:

	"Model West, level 14"	S.A. Mutual
20	42,528	42,69
30	34,814	34,46
40	27,217	26,83
50	20,052	19,63
60	13,655	13,56
70	8 423	8,22
80	4,439	5,80
90	-	4,20

APPENDIX 2

ABRIDGED LIFE TABLE FOR WHITE MEN IN JOHANNESBURG, 1910(\*)

Age (yrs)	$n^q_x$	$n^p_x$	$l_x$	$n^L_x$	$T_x$	$e_x$
0	0,12535	0,87465	100 000	91 225	5 014 942	50,15
1	0,03257	0,95743	87 465	85 756	4 923 716	56,22
2	0,01415	0,98585	84 516	84 019	4 837 960	57,18
3	0,00505	0,99095	83 419	83 042	4 783 942	56,99
4	0,00555	0,99445	82 564	82 435	4 670 900	56,50
5	0,01884	0,98116	82 205	407 150	4 596 465	55,62
10	0,02432	0,97568	80 555	795 780	4 191 305	51,84
20	0,05172	0,94828	78 597	765 620	3 354 525	43,01
30	0,08109	0,91891	74 627	716 015	2 517 905	35,08
40	0,13918	0,86082	66 576	640 095	1 501 890	27,73
50	0,20115	0,79885	59 443	534 545	1 261 795	21,23
60	0,31445	0,68555	47 466	406 200	727 150	15,31
70	0,55999	0,44001	32 554	234 390	326 950	10,04
80	0,90254	0,09746	14 324	78 600	92 560	6,45
90	1,00000	0,00000	1 395	1 395	1 395	1,00

(\*) Compiled by Dr G.O. Maynard

APPENDIX 3

ABRIDGED LIFE TABLE FOR WHITE WOMEN IN JOHANNESBURG, 1910<sup>(\*)</sup>

Age (yrs)	$n^q_x$	$n^p_x$	$l_x$	$n^L_x$	$n^T_x$	$e_x$
0	0,11066	0,88934	100 000	92 254	5 505 005	55,06
1	0,02474	0,97526	88 934	87 614	5 412 751	60,86
2	0,00937	0,99063	86 734	86 328	5 325 137	61,40
3	0,00682	0,99318	85 921	85 628	5 238 809	60,97
4	0,00554	0,99446	85 335	85 099	5 153 181	60,39
5	0,01865	0,98135	84 862	420 353	5 068 082	59,72
10	0,02331	0,97669	83 279	823 085	4 647 729	55,81
20	0,04011	0,95989	81 338	797 070	3 824 644	47,02
30	0,05661	0,94339	78 076	758 660	3 027 574	38,78
40	0,08783	0,91217	73 656	704 215	2 268 914	30,80
50	0,16490	0,83510	67 187	616 475	1 564 699	23,29 <sup>(*)</sup>
60	0,27862	0,72138	56 108	482 915	948 224	16,90
70	0,46372	0,53628	40 475	310 905	465 309	11,50
80	0,79070	0,20930	21 706	131 245	154 404	7,11
90	0,98371	0,01629	4 543	23 085	23 159	5,10
100	1,00000	0,00000	74	74	74	1,00

(\*)Compiled by Dr G.D. Maynard

APPENDIX 4  
ABRIDGED LIFE TABLES FOR WHITES, 1921-1970