

South African Life Table for 1945/47, Contribution from Dr. V.
Kannisto's Life Table collection.

LEWENSTABEL No. E. 4. (1945-47) VAN DIE
UNIE VAN SUID-AFRIKA.

BLANKES—MANLIK.

TABLE 1 (a).—LIFE TABLE No. E. 4 (1945-47) OF THE
UNION OF SOUTH AFRICA.

EUROPEANS—MALE.

(x)	l_x	d_x	p_x	q_x	L_x	T_x	e_x	(x)
Leeftyd.	Getal oorblywendes by leeftyd x.	Getal wat sterf na leeftyd x maar voor leeftyd x + 1.	Die waarskynlikheid om een jaar te lewe vanaf leeftyd x.	Die waarskynlikheid om te sterwe binne een jaar na bereiking van leeftyd x.	Getal jare wat gelewe word in die lewensjaar x.	Bevolking van lewensstabel bo die leeftydstop x.	Die volle lewensverwagting.	Age.
	Number of survivors at age x.	Number dying after x but before age x + 1.	The probability of living one year from age x.	The probability of dying within a year after attaining age x.	Number of years lived in the year of age x.	Population of the Life Table above the moment of age x.	The complete expectation of life.	
0	100,000	4,127	.95873	.04128	97,584	6,377,795	63.78	0
1	95,873	575	.99401	.00599	95,585	6,280,211	65.51	1
2	95,298	267	.99720	.00280	95,164	6,184,626	64.90	2
3	95,031	199	.99791	.00209	94,931	6,089,462	64.08	3
4	94,832	156	.99835	.00165	94,754	5,994,530	63.21	4
5	94,676	149	.99843	.00157	94,601	5,899,776	62.32	5
6	94,527	138	.99855	.00146	94,458	5,805,175	61.41	6
7	94,389	124	.99869	.00131	94,327	5,710,717	60.50	7
8	94,265	109	.99884	.00116	94,211	5,616,390	59.58	8
9	94,156	97	.99897	.00103	94,107	5,522,180	58.65	9
10	94,059	88	.99907	.00093	94,015	5,428,072	57.71	10
11	93,971	83	.99912	.00088	93,930	5,334,057	56.76	11
12	93,888	85	.99908	.00092	93,846	5,240,128	55.81	12
13	93,803	91	.99899	.00101	93,758	5,146,282	54.86	13
14	93,712	100	.99887	.00113	93,662	5,052,524	53.92	14
15	93,612	112	.99872	.00128	93,556	4,958,862	52.97	15
16	93,500	125	.99858	.00142	93,437	4,865,306	52.04	16
17	93,375	138	.99844	.00156	93,306	4,771,869	51.10	17
18	93,237	155	.99828	.00172	93,160	4,678,563	50.18	18
19	93,082	171	.99812	.00188	92,997	4,585,403	49.26	19
20	92,911	185	.99798	.00202	92,818	4,492,406	48.35	20
21	92,726	196	.99790	.00210	92,628	4,399,588	47.45	21
22	92,530	198	.99785	.00215	92,431	4,306,960	46.55	22
23	92,332	199	.99785	.00215	92,233	4,214,529	45.65	23
24	92,133	196	.99787	.00213	92,035	4,122,296	44.74	24
25	91,937	194	.99789	.00211	91,840	4,030,261	43.84	25
26	91,743	194	.99789	.00211	91,646	3,938,421	42.93	26
27	91,549	196	.99786	.00214	91,451	3,846,775	42.02	27
28	91,353	202	.99779	.00221	91,252	3,755,324	41.11	28
29	91,151	209	.99770	.00230	91,047	3,664,072	40.20	29
30	90,942	219	.99759	.00241	90,833	3,573,025	39.29	30
31	90,723	230	.99747	.00253	90,608	3,482,193	38.38	31
32	90,493	241	.99733	.00267	90,373	3,391,584	37.48	32
33	90,252	255	.99718	.00282	90,124	3,301,212	36.58	33
34	89,997	269	.99701	.00299	89,862	3,211,087	35.68	34
35	89,728	285	.99682	.00318	89,585	3,121,225	34.79	35
36	89,443	304	.99661	.00339	89,291	3,031,640	33.89	36
37	89,139	323	.99637	.00363	88,978	2,942,349	33.01	37
38	88,816	346	.99610	.00390	88,643	2,853,371	32.13	38
39	88,470	372	.99580	.00420	88,284	2,764,728	31.25	39
40	88,098	401	.99544	.00456	87,897	2,676,444	30.38	40
41	87,697	435	.99504	.00496	87,479	2,588,547	29.52	41
42	87,262	473	.99458	.00542	87,025	2,501,068	28.66	42
43	86,789	516	.99406	.00594	86,531	2,414,042	27.82	43
44	86,273	563	.99347	.00653	85,991	2,327,512	26.98	44
45	85,710	616	.99282	.00719	85,402	2,241,520	26.15	45
46	85,094	673	.99209	.00791	84,757	2,156,118	25.34	46
47	84,421	736	.99128	.00872	84,053	2,071,361	24.54	47
48	83,685	803	.99041	.00959	83,284	1,987,308	23.75	48
49	82,882	872	.98948	.01053	82,446	1,904,025	22.97	49
50	82,010	944	.98848	.01152	81,538	1,821,579	22.21	50
51	81,066	1,018	.98744	.01256	80,557	1,740,041	21.46	51
52	80,048	1,092	.98636	.01364	79,502	1,659,484	20.73	52
53	78,956	1,167	.98522	.01478	78,372	1,579,983	20.01	53
54	77,789	1,244	.98401	.01599	77,167	1,501,611	19.30	54
55	76,545	1,323	.98272	.01728	75,883	1,424,444	18.61	55
56	75,222	1,405	.98133	.01867	74,520	1,348,560	17.93	56
57	73,817	1,489	.97983	.02017	73,073	1,274,041	17.26	57
58	72,328	1,576	.97821	.02179	71,540	1,200,968	16.60	58
59	70,752	1,665	.97647	.02353	69,919	1,129,428	15.96	59

TABEL 1 (a).—LEWENSTABEL No. E. 4 (1945-47) VAN DIE
UNIE VAN SUID-AFRIKA—(vervolg).

BLANKES—MANLIK.

TABLE 1 (a).—LIFE TABLE No. E. 4 (1945-
UNION OF SOUTH AFRICA—(conti

EUROPEANS—MALE.

(x)	l_x	d_x	p_x	q_x	L_x	T_x	e_x
Leeftyd.	Getal oorblywendes by leeftyd x. Number of survivors at age x.	Getal wat sterf na leeftyd x maar voor leeftyd x + 1. Number dying after x but before age x + 1.	Die waarskynlikheid om een jaar te lewe vanaf leeftyd x. The probability of living one year from age x.	Die waarskynlikheid om te sterwe binne een jaar na bereiking van leeftyd x. The probability of dying within a year after attaining age x.	Getal jare wat gelewe word in die lewensjaar x. Number of years lived in the year of age x.	Bevolking van lewenstabel bo die leeftydstop x. Population of Life Table above the moment of age x.	Die volle lewensverwagting. The complete expectation of life.
60	69,087	1,755	.97459	.02541	68,209	1,059,509	15.34
61	67,332	1,846	.97258	.02742	66,409	991,300	14.72
62	65,486	1,937	.97043	.02957	64,518	924,891	14.12
63	63,549	2,024	.96815	.03186	62,537	860,373	13.54
64	61,525	2,108	.96574	.03426	60,471	797,836	12.97
65	59,417	2,185	.96323	.03677	58,325	737,365	12.41
66	57,232	2,254	.96062	.03938	56,105	679,041	11.86
67	54,978	2,314	.95791	.04209	53,821	622,935	11.33
68	52,664	2,369	.95501	.04499	51,480	569,114	10.81
69	50,295	2,423	.95183	.04817	49,084	517,634	10.29
70	47,872	2,477	.94826	.05174	46,634	468,551	9.79
71	45,395	2,533	.94419	.05581	44,129	421,917	9.29
72	42,862	2,590	.93956	.06044	41,567	377,788	8.81
73	40,272	2,642	.93441	.06559	38,951	336,221	8.35
74	37,630	2,679	.92880	.07120	36,290	297,271	7.90
75	34,951	2,698	.92282	.07719	33,602	260,980	7.47
76	32,253	2,692	.91652	.08348	30,907	227,378	7.05
77	29,561	2,663	.90993	.09007	28,229	196,471	6.65
78	26,898	2,614	.90280	.09720	25,591	168,242	6.25
79	24,284	2,554	.89483	.10517	23,007	142,651	5.87
80	21,730	2,484	.88570	.11430	20,488	119,645	5.51
81	19,246	2,403	.87513	.12487	18,044	99,157	5.15
82	16,843	2,309	.86295	.13705	15,689	81,112	4.82
83	14,534	2,185	.84961	.15039	13,441	65,424	4.50
84	12,349	2,029	.83572	.16428	11,334	51,982	4.21
85	10,320	1,838	.82189	.17811	9,401	40,648	3.94
86	8,482	1,623	.80870	.19130	7,671	31,247	3.68
87	6,859	1,422	.79271	.20728	6,148	23,577	3.44
88	5,437	1,219	.77572	.22429	4,828	17,429	3.21
89	4,218	1,022	.75766	.24234	3,707	12,601	2.99
90	3,196	836	.73851	.26149	2,778	8,894	2.78
91	2,360	665	.71823	.28177	2,028	6,116	2.59
92	1,695	514	.69677	.30323	1,438	4,089	2.41
93	1,181	385	.67412	.32588	989	2,650	2.24
94	796	278	.65017	.34983	657	1,662	2.09
95	518	194	.62520	.37480	421	1,005	1.94
96	324	130	.59893	.40107	259	584	1.80
97	194	83	.57149	.42851	152	325	1.68
98	111	51	.54293	.45707	86	173	1.56
99	60	29	.51331	.48669	46	87	1.45
100	31	16	.48273	.51727	23	42	1.35
101	15	8	.45132	.54868	11	19	1.26
102	6.7	3.9	.41924	.58076	4.8	8.0	1.19
103	2.8	1.7	.38667	.61333	2.0	3.2	1.14
104	1.1	.7	.35382	.64618	.8	1.2	1.09

TABLE 1 (b).—LEWENSTABEL No. E. 4 (1945-47) VAN DIE
UNIE VAN SUID-AFRIKA.

BLANKES—VROULIK.

 TABLE 1 (b).—LIFE TABLE No. E. 4 (1945-47) OF THE
UNION OF SOUTH AFRICA.

EUROPEANS—FEMALE.

(x)	l_x	d_x	p_x	q_x	L_x	T_x	e_x	(x)
leëtyd.	Getal oorblywendes by leeftyd x.	Getal wat sterf na leeftyd x maar voor leeftyd x + 1.	Die waarskynlikheid om een jaar te lewe vanaf leeftyd x.	Die waarskynlikheid om te sterwe binne een jaar na bereiking van leeftyd x.	Getal jare wat gelewe word in die lewensjaar x.	Bevolking van lewensstabel bo die leeftyd x.	Die volle lewensverwachting.	Age.
	Number of survivors at age x.	Number dying after x but before age x + 1.	The probability of living one year from age x.	The probability of dying within a year after attaining age x.	Number of years lived in the year of age x.	Population of the Life Table above the moment of age x.	The complete expectation of life.	
0	100,000	3,291	.96709	.03291	97,584	6,831,440	68.31	0
1	96,709	467	.99517	.00483	96,476	6,733,856	69.63	1
2	96,242	270	.99719	.00281	96,107	6,637,380	68.97	2
3	95,972	216	.99776	.00225	95,864	6,541,274	68.16	3
4	95,756	128	.99866	.00134	95,692	6,445,409	67.31	4
5	95,628	119	.99875	.00125	95,568	6,349,717	66.40	5
6	95,509	109	.99886	.00114	95,454	6,254,149	65.48	6
7	95,400	98	.99898	.00103	95,351	6,158,696	64.56	7
8	95,302	87	.99908	.00092	95,258	6,063,345	63.62	8
9	95,215	79	.99917	.00083	95,175	5,968,086	62.68	9
10	95,136	72	.99924	.00076	95,100	5,872,911	61.73	10
11	95,064	70	.99927	.00073	95,029	5,777,811	60.78	11
12	94,994	70	.99926	.00075	94,959	5,682,782	59.82	12
13	94,924	77	.99919	.00082	94,885	5,587,823	58.87	13
14	94,847	86	.99910	.00091	94,804	5,492,938	57.91	14
15	94,761	94	.99900	.00100	94,714	5,398,134	56.97	15
16	94,667	102	.99893	.00108	94,616	5,303,420	56.02	16
17	94,565	107	.99888	.00113	94,512	5,208,804	55.08	17
18	94,458	109	.99884	.00116	94,404	5,114,292	54.14	18
19	94,349	114	.99880	.00120	94,292	5,019,889	53.21	19
20	94,235	118	.99875	.00125	94,176	4,925,597	52.27	20
21	94,117	124	.99868	.00133	94,055	4,831,421	51.33	21
22	93,993	134	.99857	.00143	93,926	4,737,366	50.40	22
23	93,859	145	.99846	.00154	93,786	4,643,440	49.47	23
24	93,714	156	.99834	.00166	93,636	4,549,654	48.55	24
25	93,558	166	.99823	.00177	93,475	4,456,018	47.63	25
26	93,392	174	.99814	.00186	93,305	4,362,543	46.71	26
27	93,218	179	.99808	.00192	93,129	4,269,238	45.80	27
28	93,039	182	.99804	.00196	92,948	4,176,110	44.89	28
29	92,857	185	.99801	.00199	92,764	4,083,162	43.97	29
30	92,672	189	.99796	.00204	92,577	3,990,397	43.06	30
31	92,483	195	.99790	.00211	92,386	3,897,820	42.15	31
32	92,288	203	.99779	.00221	92,186	3,805,435	41.23	32
33	92,085	216	.99766	.00234	91,977	3,713,248	40.32	33
34	91,869	230	.99750	.00250	91,754	3,621,271	39.42	34
35	91,639	245	.99732	.00268	91,517	3,529,517	38.52	35
36	91,394	262	.99714	.00286	91,263	3,438,001	37.62	36
37	91,132	278	.99695	.00306	90,993	3,346,738	36.72	37
38	90,854	296	.99674	.00326	90,706	3,255,744	35.83	38
39	90,558	315	.99652	.00348	90,400	3,165,039	34.95	39
40	90,243	336	.99628	.00373	90,075	3,074,638	34.07	40
41	89,907	360	.99600	.00400	89,727	2,984,564	33.20	41
42	89,547	387	.99568	.00432	89,354	2,894,837	32.33	42
43	89,160	416	.99533	.00467	88,952	2,805,484	31.47	43
44	88,744	449	.99495	.00506	88,520	2,716,531	30.61	44
45	88,295	483	.99452	.00548	88,054	2,628,012	29.76	45
46	87,812	521	.99407	.00593	87,552	2,539,958	28.92	46
47	87,291	560	.99358	.00642	87,011	2,452,407	28.09	47
48	86,731	602	.99307	.00694	86,430	2,365,396	27.27	48
49	86,129	644	.99252	.00748	85,807	2,278,965	26.45	49
50	85,485	688	.99195	.00805	85,141	2,193,158	25.66	50
51	84,797	733	.99136	.00864	84,431	2,108,017	24.86	51
52	84,064	778	.99074	.00926	83,675	2,023,586	24.07	52
53	83,286	825	.99010	.00990	82,873	1,939,911	23.29	53
54	82,461	872	.98943	.01057	82,025	1,857,038	22.52	54

TABEL 1 (b).—LEWENSTABEL No. E. 4 (1945-47) VAN DIE
UNIE VAN SUID-AFRIKA—(vervolg).

BLANKES—VROULIK.

TABLE 1 (b).—LIFE TABLE No. E. 4 (1945-
UNION OF SOUTH AFRICA—(contn

EUROPEANS—FEMALE.

(x)	l_x	d_x	p_x	q_x	L_x	T_x	$^o e_x$
Leeftyd.	Getal oorblywendes by leeftyd x. Number of survivors at age x.	Getal wat sterf na leeftyd x maar voor leeftyd x + 1. Number dying after x but before age x + 1.	Die waarskynlikheid om een jaar te lewe vanaf leeftyd x. The probability of living one year from age x.	Die waarskynlikheid om te sterwe binne een jaar na bereiking van leeftyd x. The probability of dying within a year after attaining age x.	Getal jare wat gelewe word in die lewensjaar x. Number of years lived in the year of age x.	Bevolking van lewensstabel bo die leeftydstop x. Population of the Life Table above the moment of age x.	Die volle lewensverwachting. The complete expectation of life.
55	81,589	920	·98873	·01127	81,129	1,775,013	21·76
56	80,669	968	·98799	·01201	80,185	1,693,884	21·00
57	79,701	1,020	·98721	·01279	79,191	1,613,699	20·25
58	78,681	1,073	·98636	·01364	78,145	1,534,508	19·50
59	77,608	1,132	·98541	·01459	77,042	1,456,363	18·77
60	76,476	1,199	·98433	·01568	75,876	1,379,322	18·04
61	75,277	1,274	·98308	·01692	74,640	1,303,445	17·32
62	74,003	1,358	·98164	·01836	73,324	1,228,806	16·60
63	72,645	1,452	·98002	·01998	71,919	1,155,482	15·91
64	71,193	1,549	·97823	·02177	70,419	1,083,563	15·22
65	69,644	1,652	·97628	·02372	68,818	1,013,144	14·55
66	67,992	1,756	·97418	·02582	67,114	944,327	13·89
67	66,236	1,860	·97192	·02808	65,306	877,213	13·24
68	64,376	1,967	·96943	·03057	63,393	811,906	12·61
69	62,409	2,084	·96661	·03339	61,367	748,514	11·99
70	60,325	2,209	·96337	·03663	59,220	687,147	11·39*
71	58,116	2,348	·95961	·04039	56,942	627,927	10·80
72	55,768	2,495	·95527	·04474	54,521	570,985	10·24
73	53,273	2,640	·95044	·04956	51,953	516,464	9·69
74	50,633	2,771	·94527	·05473	49,248	464,511	9·17
75	47,862	2,876	·93989	·06011	46,424	415,263	8·68
76	44,986	2,950	·93444	·06556	43,511	368,839	8·20
77	42,036	2,986	·92897	·07103	40,543	325,328	7·74
78	39,050	2,997	·92324	·07677	37,551	284,785	7·29
79	36,053	2,996	·91693	·08308	34,555	247,234	6·86
80	33,057	2,984	·90972	·09028	31,565	212,679	6·43
81	30,073	2,969	·90129	·09871	28,589	181,113	6·02
82	27,104	2,942	·89143	·10857	25,633	152,525	5·63
83	24,162	2,892	·88031	·11969	22,716	126,892	5·25
84	21,270	2,803	·86823	·13177	19,869	104,176	4·90
85	18,467	2,669	·85547	·14453	17,133	84,307	4·57
86	15,798	2,491	·84230	·15770	14,552	67,175	4·25
87	13,307	2,294	·82761	·17240	12,160	52,622	3·95
88	11,013	2,073	·81177	·18823	9,976	40,463	3·67
89	8,940	1,835	·79471	·20529	8,022	30,486	3·41
90	7,105	1,589	·77635	·22365	6,310	22,464	3·16
91	5,516	1,343	·75660	·24340	4,844	16,154	2·93
92	4,173	1,104	·73540	·26461	3,621	11,310	2·71
93	3,069	882	·71266	·28735	2,628	7,689	2·51
94	2,187	682	·68832	·31168	1,846	5,061	2·31
95	1,505	508	·66233	·33767	1,251	3,214	2·14
96	997	364	·63466	·36534	815	1,963	1·97
97	633	250	·60530	·39470	508	1,148	1·81
98	383	163	·57426	·42574	302	640	1·67
99	220	101	·54159	·45841	170	339	1·54
100	119	59	·50739	·49261	90	169	1·42
101	60	31	·47181	·52819	45	79	1·31
102	29	17	·43505	·56495	21	35	1·22
103	12	7·1	·39737	·60264	9	14	1·11
104	4·9	3·1	·36325	·63675	3·4	5·3	1·08
105	1·8	1·2	·32063	·67937	1·2	1·9	1·06
106	·6	·3	·28244	·71756	·5	·7	1·03