

Bureau of Census and Statistics (1960): Population Census 8th May, 1951 Volume VIII.
SOUTH AFRICAN LIFE TABLES for Whites, Coloureds and Asiatics. 35 pages. Pretoria: Union
of South Africa, Bureau of Census and Statistics.

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UNIE VAN SUID-AFRIKA
BURO VIR
SENSUS EN STATISTIEK



UNION OF SOUTH AFRICA
BUREAU OF
CENSUS AND STATISTICS

BEVOLKINGSSENSUS
8 MEI 1951

POPULATION CENSUS
8th MAY, 1951

BOEKDEEL VIII

VOLUME VIII

SUID-AFRIKAANSE LEWENSTABELLE

SOUTH AFRICAN LIFE TABLES

VIR

FOR

BLANKES,
KLEURLINGE EN
ASIATE

WHITES,
COLOURED AND
ASIATICS

Uitgegee op gesag

Published by authority

VOORWOORD.

BOEKDEEL VIII—LEWENSTABELLE.

Hierdie boekdeel is die agste van die reeks verslae oor die bevolkingsensus van die Unie van Suid-Afrika wat op 8 Mei 1951 opgeneem is. Die volgende boekdele het reeds verskyn:—

- I Geografiese indeling van die bevolking (alle rasse)—U.G. 42/1955.
- II Huwelikstaat van die Blanke bevolking (tesame met 1946-sensussyfers vir alle rasse)—U.G. 61/1954.
- III Godsdien van die Blanke bevolking (tesame met 1946-sensussyfers vir alle rasse)—U.G. 62/1954.
- IV Geboorteplekke, jaar van aankoms en burgerskap van die Blanke bevolking (tesame met 1946-sensussyfers vir alle rasse)—U.G. 34/1954.
- V Leeftyd (alle rasse)—U.G. 42/1958.
- VI Tale (alle rasse) en geletterdheid (Naturelle)—U.G. 64/1958.
- VII Huwelikstaat, godsdien en geboorteplekke van Kleurlinge, Asië en Naturelle—U.G. 38/1959.

Hierdie verslag bestaan uit drie stelle lewenstabelle. Aparte tabelle is opgestel vir Blankes (Europaeë), Kleurlinge en Asië. Vir statistiese doeleindes word gewoonlik onderskei tussen vier rasse-groepe, maar hoofsaaklik omrede die feit dat die registrasie van Bantoe- (Naturelle-) sterfgevälle nog baie onvolledig is, is tot nog toe geen poging aangewend om 'n amptelike lewenstabel vir die Bantoebevolking van die Unie op te stel nie. Die benaming „Kleurling” het betrekking op persone wat nie Blankes, Asië of Bantoes is nie, en behels hoofsaaklik die groep bekend as die Kaapse Kleurlinge, maar die Kaapse Maleiers en klein getalle van gemengde rasse word ook ingesluit.

H. M. STOKER,
Direkteur van Sensus en Statistiek.

Pretoria,
Mei 1960.

PREFACE.

VOLUME VIII—LIFE TABLES.

This volume is the eighth of the series of reports on the census of the population of the Union of South Africa taken on 8th May, 1951, the volumes previously issued being:—

- I Geographical distribution of the population (all races)—U.G. 42/1955.
- II Marital status of the White population (together with 1946 census figures for all races)—U.G. 61/1954.
- III Religions of the White population (together with 1946 census figures for all races)—U.G. 62/1954.
- IV Birthplace, year of arrival and nationality of the White population (together with 1946 census figures for all races)—U.G. 34/1954.
- V Ages (all races)—U.G. 42/1958.
- VI Languages (all races) and literacy (Natives)—U.G. 64/1958.
- VII Marital status, religions and birthplaces of Coloureds, Asiatics and Natives—U.G. 38/1959.

This report consists of three sets of life tables, separate tables having been prepared for Whites (Europeans), Coloureds and Asiatics. For statistical purposes four racial groups are usually distinguished, but chiefly on account of the fact that the registration of Bantu (Native) deaths is still very incomplete, no attempt has yet been made to construct an official life table for the Bantu population of the Union. The term “Coloured” refers to persons who are not Whites, Asiatics or Bantu, and comprises chiefly the group known as the Cape Coloured, but the Cape Malays and small numbers of mixed races are also included.

H. M. STOKER,
Director of Census and Statistics.

Pretoria,
May, 1960.

TABEL 1 (a).—LEWENSTABEL No. E. 5. 1950-52.
BLANKES—MANLIK.

TABLE 1 (a).—LIFE TABLE No. E. 5. 1950-52.
WHITES—MALE.

(x)	(l_x)	(d_x)	(p_x)	(q_x)	(L_x)	(T_x)	(e_x)
Leeftyd. Age.	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 age x but before age x + 1.	Waarskynlikheid om een jaar te lewe vanaf leeftyd x. Probability of living one year from age x.	Waarskynlikheid om te sterwe binne een jaar na bereiking van leeftyd x. Probability of dying within a year after attaining age x.	Getal jare wat belewe word in die lebensjaar x. Number of years lived in the year of age x.	Bevolking van lewenstabel by die leeftyd x. Population of the life table above the moment of age x.	Volle lebensverwagting. Complete expectation of life.
0	100,000	3,789	.96211	.03789	97,098	6,457,492	64.57
1	96,211	443	.99539	.00461	95,990	6,360,394	66.11
2	95,768	219	.99772	.00228	95,659	6,264,404	65.41
3	95,549	180	.99812	.00188	95,459	6,168,745	64.56
4	95,369	136	.99858	.00142	95,301	6,073,286	63.68
5	95,233	124	.99870	.00130	95,171	5,977,985	62.77
6	95,109	111	.99883	.00117	95,054	5,882,814	61.85
7	94,998	98	.99897	.00103	94,949	5,787,760	60.93
8	94,900	77	.99919	.00081	94,862	5,692,811	59.99
9	94,823	66	.99930	.00070	94,790	5,597,949	59.04
10	94,757	58	.99938	.00062	94,728	5,503,159	58.08
11	94,699	54	.99943	.00057	94,672	5,408,431	57.11
12	94,645	55	.99942	.00058	94,618	5,313,759	56.14
13	94,590	63	.99933	.00067	94,559	5,219,141	55.18
14	94,527	81	.99914	.00086	94,487	5,124,582	54.21
15	94,446	105	.99889	.00111	94,394	5,030,095	53.26
16	94,341	131	.99861	.00139	94,276	4,935,701	52.32
17	94,210	156	.99835	.00165	94,132	4,841,425	51.39
18	94,054	175	.99804	.00196	93,967	4,747,293	50.47
19	93,879	185	.99803	.00197	93,787	4,653,326	49.57
20	93,694	189	.99799	.00201	93,600	4,559,539	48.66
21	93,505	189	.99798	.00202	93,411	4,465,939	47.76
22	93,316	189	.99797	.00203	93,222	4,372,528	46.86
23	93,127	189	.99797	.00203	93,033	4,279,306	45.95
24	92,938	191	.99795	.00205	92,843	4,186,273	45.04
25	92,747	193	.99792	.00208	92,651	4,093,430	44.14
26	92,554	197	.99788	.00212	92,456	4,000,779	43.23
27	92,357	202	.99782	.00218	92,256	3,908,323	42.32
28	92,155	208	.99774	.00226	92,051	3,816,067	41.41
29	91,947	219	.99762	.00238	91,838	3,724,016	40.50
30	91,728	228	.99752	.00248	91,614	3,632,178	39.60
31	91,500	228	.99740	.00260	91,381	3,540,564	38.70
32	91,262	249	.99728	.00272	91,138	3,449,183	37.79
33	91,013	260	.99715	.00285	90,883	3,358,045	36.90
34	90,753	270	.99702	.00298	90,618	3,267,162	36.00
35	90,483	281	.99689	.00311	90,343	3,176,544	35.11
36	90,202	294	.99674	.00326	90,055	3,086,201	34.21
37	89,908	309	.99656	.00344	89,754	2,996,146	33.33
38	89,599	328	.99634	.00366	89,435	2,906,392	32.44
39	89,271	351	.99607	.00393	89,096	2,816,957	31.56
40	88,920	379	.99573	.00427	88,731	2,727,861	30.68
41	88,541	413	.99534	.00466	88,335	2,639,130	29.81
42	88,128	451	.99488	.00512	87,903	2,550,795	28.94
43	87,677	495	.99436	.00564	87,430	2,462,892	28.09
44	87,182	543	.99377	.00623	86,911	2,375,462	27.25
45	86,639	596	.99312	.00688	86,341	2,288,551	26.42
46	86,043	653	.99241	.00759	85,717	2,202,210	25.59
47	85,390	713	.99164	.00836	85,034	2,116,493	24.79
48	84,677	776	.99084	.00916	84,289	2,031,459	23.99
49	83,901	840	.98999	.01001	83,481	1,947,170	23.21
50	83,061	907	.98908	.01092	82,608	1,863,689	22.44
51	82,154	978	.98810	.01190	81,665	1,781,081	21.68
52	81,176	1,054	.98702	.01298	80,649	1,699,416	20.94
53	80,122	1,135	.98583	.01417	79,555	1,618,767	20.20
54	78,987	1,223	.98452	.01548	78,376	1,539,312	19.49
55	77,764	1,316	.98308	.01692	77,106	1,460,836	18.79
56	76,448	1,413	.98151	.01849	75,742	1,383,730	18.10
57	75,035	1,513	.97983	.02017	74,279	1,307,988	17.43
58	73,522	1,615	.97803	.02197	72,715	1,233,709	16.78
59	71,907	1,718	.97611	.02389	71,048	1,160,994	16.15
60	70,189	1,817	.97411	.02589	69,281	1,089,946	15.53
61	68,372	1,911	.97205	.02795	67,417	1,020,665	14.93
62	66,461	1,997	.96995	.03005	65,463	953,248	14.34
63	64,464	2,073	.96784	.03216	63,428	887,785	13.77
64	62,391	2,138	.96574	.03426	61,322	824,357	13.21
65	60,253	2,195	.96357	.03643	59,156	763,035	12.66
66	58,058	2,248	.96128	.03872	56,934	703,879	12.12
67	55,810	2,301	.95877	.04123	54,660	646,945	11.59
68	53,509	2,355	.95598	.04402	52,332	592,285	11.07
69	51,154	2,412	.95285	.04715	49,948	539,953	10.56
70	48,742	2,468	.94937	.05063	47,508	490,005	10.05
71	46,274	2,520	.94555	.05445	45,014	442,497	9.56
72	43,754	2,564	.94140	.05860	42,472	397,483	9.08
73	41,190	2,597	.93694	.06306	39,892	355,011	8.62
74	38,593	2,619	.93215	.06785	37,284	315,119	8.17
75	35,974	2,631	.92688	.07312	34,659	277,835	7.72
76	33,343	2,635	.92096	.07904	32,026	243,176	7.29
77	30,708	2,634	.91424	.08576	29,391	211,150	6.88
78	28,074	2,624	.90653	.09347	26,762	181,759	6.47
79	25,450	2,602	.89775	.10225	24,149	154,997	6.09
80	22,848	2,557	.88810	.11190	21,570	130,848	5.73
81	20,291	2,478	.87788	.12212	19,052	109,278	5.39
82	17,813	2,363	.86735	.13265	16,632	90,226	5.07
83	15,450	2,212	.85681	.14319	14,344	73,594	4.76
84	13,238	2,033	.84639	.15361	12,222	59,250	4.48

TABEL 1 (a).—LEWENSTABEL NO. E. 5. 1950-52 (vervolg).
BLANKES—MANLIK (vervolg).

(x)	(<i>l_x</i>)	(<i>d_x</i>)	(<i>p_x</i>)	(<i>q_x</i>)	(<i>L_x</i>)	(<i>T_x</i>)	(<i>e_x</i>)
Leeftyd. Age.	Getal oorblywendes by leeftyd <i>x</i> . Number of survivors at age <i>x</i> .	Getal wat sterf na leeftyd <i>x</i> maar voor leeftyd <i>x</i> + 1. Number dying after age <i>x</i> but before age <i>x</i> + 1.	Waarskynlikheid om een jaar te lewe vanaf leeftyd <i>x</i> . Probability of living one year from age <i>x</i> .	Waarskynlikheid om te sterwe binne een jaar na bereiking van leeftyd <i>x</i> . Probability of dying within a year after attaining age <i>x</i> .	Getal jare wat gelewe word in die lewenjaar <i>x</i> . Number of years lived in the year of age <i>x</i> .	Bevolking van lewenstabel bo die leeftyd <i>x</i> . Population of the life table above the moment of age <i>x</i> .	Volle lewensverwagting. Complete expectation of life.
85	11,205	1,842	83564	16436	10,284	47,028	4.20
86	9,363	1,648	82397	17603	8,539	36,744	3.92
87	7,715	1,460	81076	18924	6,985	28,205	3.66
88	6,255	1,280	79543	20457	5,615	21,220	3.39
89	4,975	1,107	77749	22251	4,422	15,605	3.14
90	3,868	940	75696	24304	3,398	11,183	2.89
91	2,928	779	73400	26600	2,539	7,785	2.66
92	2,149	626	70875	29125	1,836	5,246	2.44
93	1,523	485	68134	31866	1,281	3,410	2.24
94	1,038	361	65192	34808	838	2,129	2.05
95	677	257	62056	37944	549	1,271	1.88
96	420	173	58733	41267	334	722	1.72
97	247	111	55228	44772	192	388	1.57
98	136	66	51549	48451	103	196	1.44
99	70	37	47701	52299	52	93	1.33
100	33	19	43692	56308	24	41	1.24
101	14	8	39527	60473	10	17	1.21
102	6	4	35212	64788	4	7	1.17
103	2	1	30755	69245	2	3	1.10
104	1	1	26162	73838	1	1	1.00

TABLE 1 (a).—LIFE TABLE No. E. 5. 1950-52 (continued).
WHITES—MALE (continued).TABEL 1 (b).—LEWENSTABEL NO. E. 5. 1950-52.
BLANKES—VROULIK.

(x)	(<i>l_x</i>)	(<i>d_x</i>)	(<i>p_x</i>)	(<i>q_x</i>)	(<i>L_x</i>)	(<i>T_x</i>)	(<i>e_x</i>)
Leeftyd. Age.	Getal oorblywendes by leeftyd <i>x</i> . Number of survivors at age <i>x</i> .	Getal wat sterf na leeftyd <i>x</i> maar voor leeftyd <i>x</i> + 1. Number dying after age <i>x</i> but before age <i>x</i> + 1.	Waarskynlikheid om een jaar te lewe vanaf leeftyd <i>x</i> . Probability of living one year from age <i>x</i> .	Waarskynlikheid om te sterwe binne een jaar na bereiking van leeftyd <i>x</i> . Probability of dying within a year after attaining age <i>x</i> .	Getal jare wat gelewe word in die lewenjaar <i>x</i> . Number of years lived in the year of age <i>x</i> .	Bevolking van lewenstabel bo die leeftyd <i>x</i> . Population of the life table above the moment of age <i>x</i> .	Volle lewensverwagting. Complete expectation of life.
0	100,000	3,005	96995	03005	97,790	7,007,829	70.08
1	96,995	385	99603	00397	96,803	6,910,039	71.24
2	96,610	158	99836	00164	96,531	6,813,236	70.52
3	96,452	124	99872	00128	96,390	6,716,705	69.64
4	96,328	114	99882	00118	96,271	6,620,315	68.73
5	96,214	108	99887	00113	96,160	6,524,044	67.81
6	96,106	96	99901	00099	96,058	6,427,884	66.88
7	96,010	82	99914	00086	95,969	6,331,826	65.95
8	95,928	69	99928	00072	95,894	6,235,857	65.01
9	95,859	61	99936	00064	95,829	6,139,963	64.05
10	95,798	57	99940	00060	95,770	6,044,134	63.09
11	95,741	56	99942	00058	95,713	5,948,364	62.13
12	95,685	56	99942	00058	95,657	5,852,651	61.17
13	95,629	56	99941	00059	95,601	5,756,994	60.20
14	95,573	62	99936	00064	95,542	5,661,393	59.24
15	95,511	68	99929	00071	95,477	5,565,851	58.27
16	95,443	74	99922	00078	95,406	5,470,374	57.32
17	95,369	81	99915	00085	95,329	5,374,968	56.36
18	95,288	89	99906	00094	95,244	5,279,639	55.41
19	95,199	93	99902	00097	95,153	5,184,395	54.46
20	95,106	97	99899	00101	95,058	5,089,242	53.51
21	95,009	100	99895	00105	94,959	4,994,184	52.57
22	94,909	104	99891	00109	94,857	4,899,225	51.62
23	94,805	107	99887	00113	94,752	4,804,368	50.68
24	94,698	111	99883	00117	94,643	4,709,616	49.73
25	94,587	115	99879	00121	94,530	4,614,973	48.79
26	94,472	119	99874	00126	94,413	4,520,443	47.85
27	94,353	124	99868	00132	94,291	4,426,030	46.91
28	94,229	131	99861	00139	94,164	4,331,739	45.97
29	94,098	138	99853	00147	94,029	4,237,575	45.03
30	93,960	147	99844	00156	93,887	4,143,546	44.10
31	93,813	157	99833	00167	93,735	4,049,659	43.17
32	93,656	167	99821	00179	93,573	3,955,924	42.24
33	93,489	178	99809	00191	93,400	3,862,351	41.31
34	93,311	190	99796	00204	93,216	3,768,951	40.39
35	93,121	203	99782	00218	93,020	3,675,735	39.47
36	92,918	215	99768	00232	92,811	3,582,715	38.56
37	92,703	229	99753	00247	92,589	3,489,904	37.65
38	92,474	243	99738	00262	92,353	3,397,315	36.74
39	92,231	257	99721	00279	92,103	3,304,962	35.83
40	91,974	273	99703	00297	91,838	3,212,859	34.93
41	91,701	291	99683	00317	91,556	3,121,021	34.04
42	91,410	313	99658	00342	91,254	3,029,465	33.14
43	91,097	339	99628	00372	90,928	2,938,211	32.25
44	90,758	370	99593	00407	90,573	2,847,283	31.37

TABLE 1 (b).—LIFE TABLE No. E. 5. 1950-52.
WHITES—FEMALE.

TABEL 1 (b).—LEWENSTABEL No. E. 5. 1950-52 (vervolg).
BLANKES—VROULIK (vervolg).

TABLE 1 (b).—LIFE TABLE No. E. 5. 1950-52 (continued).
WHITES—FEMALE (continued).

(x)	(l_x)	(d_x)	(p_x)	(q_x)	(L_x)	(T_x)	(e_x^o)
Leeftijd. Age.	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 age x but before age x + 1.	Waarskynlikheid om een jaar te lewe vanaf leeftyd x. Probability of living one year from age x.	Waarskynlikheid om te sterwe binne een jaar na bereiking van leeftyd x. Probability of dying within a year after attaining age x.	Getal jare wat gelewe word in die lewenjaar x. Number of years lived in the year of age x.	Bevolking van lewenstabel bo die leeftyd x. Population of the life table above the moment of age x.	Volle lewenverwagting. Complete expectation of life.
45	90,388	405	99552	00448	90,186	2,756,710	30.50
46	89,983	443	99508	00492	89,762	2,666,524	29.63
47	89,540	484	99460	00540	89,298	2,576,762	28.78
48	89,056	525	99410	00590	88,794	2,487,464	27.93
49	88,531	567	99359	00641	88,248	2,398,670	27.09
50	87,964	609	99307	00693	87,660	2,310,422	26.27
51	87,355	652	99254	00746	87,029	2,222,762	25.45
52	86,703	695	99199	00801	86,356	2,135,733	24.63
53	86,008	738	99142	00858	85,639	2,049,377	23.83
54	85,270	782	99083	00917	84,879	1,963,738	23.03
55	84,488	828	99020	00980	84,074	1,878,859	22.24
56	83,660	879	98950	01050	83,221	1,794,785	21.45
57	82,781	935	98871	01129	82,314	1,711,564	20.68
58	81,846	998	98781	01219	81,347	1,629,250	19.91
59	80,848	1,069	98678	01322	80,314	1,547,903	19.15
60	79,779	1,147	98562	01438	79,206	1,467,589	18.40
61	78,632	1,232	98433	01567	78,016	1,388,383	17.66
62	77,400	1,322	98292	01708	76,739	1,310,367	16.93
63	76,078	1,416	98138	01862	75,370	1,233,628	16.22
64	74,662	1,512	97972	02028	73,905	1,158,258	15.51
65	73,148	1,618	97788	02212	72,339	1,084,353	14.82
66	71,530	1,728	97585	02415	70,666	1,012,014	14.15
67	69,802	1,846	97356	02644	68,879	941,348	13.49
68	67,956	1,972	97098	02902	66,970	872,469	12.84
69	65,984	2,107	96808	03192	64,931	805,499	12.21
70	63,877	2,247	96482	03518	62,754	740,568	11.59
71	61,630	2,391	96121	03879	60,435	677,814	11.00
72	59,239	2,534	95722	04278	57,972	617,379	10.42
73	56,705	2,674	95285	04715	55,368	559,407	9.87
74	54,031	2,806	94808	05192	52,628	504,039	9.33
75	51,225	2,927	94286	05714	49,762	451,411	8.81
76	48,298	3,036	93715	06285	46,780	401,649	8.32
77	45,262	3,127	93090	06910	43,699	354,869	7.84
78	42,135	3,199	92408	07592	40,536	311,170	7.39
79	38,936	3,246	91664	08336	37,313	270,634	6.95
80	35,690	3,263	90858	09142	34,059	233,321	6.54
81	32,427	3,245	89992	10008	30,805	199,262	6.15
82	29,182	3,191	89067	10933	27,587	168,457	5.77
83	25,991	3,097	88083	11917	24,443	140,870	5.42
84	22,894	2,967	87040	12960	21,411	116,427	5.09
85	19,927	2,804	85931	14069	18,525	95,106	4.77
86	17,123	2,612	84747	15253	15,817	76,491	4.47
87	14,511	2,397	83480	16520	13,313	60,674	4.18
88	12,114	2,166	82120	17880	11,031	47,361	3.91
89	9,948	1,924	80660	19340	8,986	36,330	3.65
90	8,024	1,678	79092	20908	7,185	27,344	3.41
91	6,346	1,434	77407	22593	5,629	20,159	3.18
92	4,912	1,199	75600	24400	4,313	14,530	2.96
93	3,713	978	73661	26339	3,224	10,217	2.75
94	2,735	777	71584	28416	2,347	6,993	2.56
95	1,958	600	69360	30640	1,658	4,646	2.37
96	1,358	448	66984	33016	1,134	2,988	2.20
97	910	324	64446	35554	748	1,854	2.04
98	586	224	61739	38261	474	1,106	1.89
99	362	149	58856	41144	288	632	1.75
100	213	94	55790	44210	166	344	1.62
101	119	56	52532	47468	91	178	1.50
102	63	32	49076	50924	47	87	1.38
103	31	17	45413	54587	23	40	1.29
104	14	8	41536	58464	10	17	1.21
105	6	4	37438	62562	4	7	1.17
106	2	1	33111	66889	2	3	1.10
107	1	1	28548	71452	1	1	1.00