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**Australian
Bureau of
Statistics**

**1988
DEATHS
AUSTRALIA**



CATALOGUE NO. 3302.0

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APPENDIX A LIFE TABLES, AUSTRALIA, 1988

NOTE: These tables are prepared by the Australian Bureau of Statistics. They are based on the deaths registered in 1988 and are subject to annual fluctuations. They differ from the life tables constructed by the Australian Government Actuary. The Australian Government Actuary constructs life tables based on deaths occurring during the three years around and including the census year. The latest life tables prepared by the Australian Government Actuary were based on deaths during 1980-82 and were published in 1985. (See paragraph 15 of the Explanatory Notes.)

MALES											
Age	lx	qx	Lx	Qx	e ⁰ x	Age	lx	qx	Lx	Qx	e ⁰ x
0	100,000	.00972	99,145	.00161	73.08	50	92,480	.00462	92,266	.00489	26.63
1	99,028	.00071	98,985	.00054	72.79	51	92,052	.00516	91,815	.00546	25.75
2	98,958	.00052	98,932	.00044	71.84	52	91,577	.00576	91,313	.00609	24.88
3	98,906	.00036	98,889	.00031	70.88	53	91,049	.00642	90,757	.00679	24.02
4	98,871	.00026	98,858	.00027	69.91	54	90,465	.00716	90,141	.00756	23.17
5	98,845	.00027	98,832	.00028	68.92	55	89,817	.00797	89,459	.00844	22.33
6	98,818	.00029	98,804	.00022	67.94	56	89,101	.00890	88,705	.00942	21.51
7	98,789	.00015	98,782	.00021	66.96	57	88,308	.00995	87,869	.01054	20.70
8	98,774	.00026	98,761	.00021	65.97	58	87,429	.01114	86,942	.01180	19.90
9	98,748	.00016	98,740	.00016	64.99	59	86,455	.01246	85,917	.01318	19.12
10	98,732	.00016	98,724	.00019	64.00	60	85,378	.01391	84,784	.01467	18.36
11	98,716	.00022	98,705	.00024	63.01	61	84,191	.01545	83,540	.01625	17.61
12	98,695	.00027	98,681	.00032	62.02	62	82,890	.01706	82,183	.01791	16.88
13	98,668	.00037	98,649	.00044	61.04	63	81,476	.01876	80,711	.01966	16.16
14	98,631	.00051	98,606	.00060	60.06	64	79,947	.02057	79,125	.02153	15.46
15	98,581	.00069	98,546	.00080	59.09	65	78,303	.02251	77,421	.02357	14.77
16	98,512	.00090	98,468	.00100	58.13	66	76,540	.02466	75,596	.02584	14.10
17	98,424	.00111	98,369	.00120	57.19	67	74,653	.02705	73,643	.02839	13.45
18	98,315	.00130	98,251	.00138	56.25	68	72,633	.02975	71,553	.03124	12.81
19	98,187	.00145	98,116	.00151	55.32	69	70,472	.03277	69,317	.03442	12.18
20	98,044	.00156	97,968	.00159	54.40	70	68,162	.03612	66,931	.03794	11.58
21	97,891	.00162	97,812	.00163	53.49	71	65,700	.03982	64,392	.04182	10.99
22	97,732	.00164	97,652	.00163	52.57	72	63,084	.04390	61,699	.04607	10.43
23	97,572	.00163	97,492	.00161	51.66	73	60,315	.04835	58,857	.05070	9.89
24	97,413	.00159	97,336	.00157	50.74	74	57,399	.05316	55,873	.05569	9.36
25	97,258	.00155	97,183	.00153	49.82	75	54,347	.05837	52,761	.06110	8.86
26	97,108	.00150	97,035	.00149	48.90	76	51,175	.06401	49,537	.06695	8.38
27	96,962	.00147	96,890	.00145	47.97	77	47,899	.07009	46,221	.07325	7.92
28	96,819	.00144	96,750	.00142	47.04	78	44,542	.07664	42,835	.07998	7.48
29	96,680	.00141	96,612	.00141	46.11	79	41,128	.08361	39,409	.08711	7.06
30	96,544	.00140	96,476	.00139	45.17	80	37,690	.09093	35,976	.09458	6.65
31	96,409	.00139	96,342	.00139	44.23	81	34,263	.09860	32,573	.10240	6.27
32	96,275	.00139	96,208	.00139	43.29	82	30,884	.10663	29,238	.11062	5.90
33	96,141	.00139	96,074	.00139	42.35	83	27,591	.11509	26,004	.11942	5.54
34	96,007	.00140	95,940	.00140	41.41	84	24,416	.12431	22,898	.12909	5.20
35	95,873	.00141	95,806	.00142	40.47	85	21,381	.13454	19,942	.14054	4.87
36	95,738	.00144	95,669	.00146	39.53	86	18,504	.14748	17,140	.15401	4.55
37	95,600	.00149	95,529	.00153	38.58	87	15,775	.16167	14,500	.16876	4.25
38	95,458	.00157	95,383	.00163	37.64	88	13,225	.17722	12,053	.18492	3.97
39	95,308	.00168	95,228	.00176	36.70	89	10,881	.19427	9,824	.20261	3.72
40	95,148	.00183	95,061	.00192	35.76	90	8,767	.21296	7,834	.21936	3.49
41	94,974	.00201	94,878	.00211	34.82	91	6,900	.22749	6,115	.23392	3.30
42	94,783	.00221	94,678	.00231	33.89	92	5,330	.24224	4,685	.24862	3.13
43	94,574	.00242	94,459	.00253	32.97	93	4,039	.25705	3,520	.26334	2.97
44	94,345	.00264	94,220	.00275	32.05	94	3,001	.27181	2,593	.27795	2.82
45	94,096	.00287	93,961	.00299	31.13	95	2,185	.28638	1,872	.29231	2.68
46	93,826	.00312	93,680	.00326	30.22	96	1,559	.30063	1,325	.30633	2.56
47	93,534	.00341	93,374	.00358	29.31	97	1,091	.31448	919	.31990	2.45
48	93,215	.00375	93,040	.00395	28.41	98	748	.32781	625	.33293	2.34
49	92,866	.00415	92,673	.00439	27.51	99	503	.34055	417	.34577	2.23

lx = number of persons surviving at exact age x
qx = proportion dying between exact age x and exact age x + 1
Lx = number of persons surviving at age x last birthday
Qx = proportion dying between age x last birthday and age x + 1 last birthday
e⁰x = complete expectation of life at exact age x

APPENDIX A - continued
LIFE TABLES, AUSTRALIA, 1988

FEMALES											
Age	lx	qx	Lx	Qx	e ⁰ x	Age	lx	qx	Lx	Qx	e ⁰ x
0	100,000	.00754	99,336	.00135	79.45	50	95,876	.00274	95,745	.00288	31.64
1	99,246	.00073	99,202	.00050	79.05	51	95,613	.00302	95,469	.00318	30.72
2	99,174	.00044	99,152	.00036	78.11	52	95,325	.00333	95,166	.00351	29.81
3	99,130	.00028	99,117	.00026	77.14	53	95,007	.00369	94,832	.00388	28.91
4	99,103	.00025	99,090	.00020	76.17	54	94,657	.00408	94,464	.00429	28.02
5	99,078	.00015	99,070	.00017	75.18	55	94,271	.00449	94,059	.00472	27.13
6	99,063	.00019	99,053	.00019	74.20	56	93,847	.00494	93,615	.00518	26.25
7	99,044	.00019	99,034	.00019	73.21	57	93,383	.00542	93,130	.00568	25.38
8	99,025	.00019	99,015	.00018	72.22	58	92,877	.00595	92,601	.00623	24.51
9	99,006	.00017	98,997	.00014	71.24	59	92,325	.00652	92,024	.00684	23.66
10	98,989	.00011	98,983	.00013	70.25	60	91,723	.00716	91,394	.00751	22.81
11	98,978	.00014	98,971	.00015	69.26	61	91,066	.00786	90,708	.00824	21.97
12	98,964	.00015	98,956	.00017	68.27	62	90,351	.00862	89,961	.00903	21.14
13	98,949	.00018	98,940	.00021	67.28	63	89,572	.00944	89,149	.00989	20.32
14	98,930	.00023	98,919	.00026	66.29	64	88,726	.01035	88,267	.01084	19.51
15	98,908	.00029	98,894	.00032	65.31	65	87,808	.01134	87,310	.01190	18.71
16	98,880	.00035	98,862	.00038	64.32	66	86,812	.01246	86,271	.01308	17.92
17	98,845	.00041	98,825	.00044	63.35	67	85,730	.01371	85,143	.01442	17.14
18	98,805	.00047	98,781	.00049	62.37	68	84,555	.01514	83,915	.01593	16.37
19	98,758	.00051	98,733	.00052	61.40	69	83,275	.01674	82,578	.01764	15.61
20	98,708	.00053	98,682	.00053	60.43	70	81,881	.01856	81,121	.01958	14.87
21	98,656	.00054	98,629	.00054	59.46	71	80,361	.02061	79,533	.02177	14.14
22	98,603	.00053	98,577	.00053	58.50	72	78,705	.02296	77,801	.02426	13.43
23	98,550	.00052	98,525	.00051	57.53	73	76,898	.02559	75,914	.02706	12.73
24	98,499	.00050	98,474	.00050	56.56	74	74,930	.02857	73,860	.03021	12.05
25	98,450	.00049	98,426	.00049	55.58	75	72,790	.03191	71,628	.03378	11.39
26	98,401	.00048	98,378	.00048	54.61	76	70,467	.03570	69,209	.03781	10.75
27	98,354	.00048	98,330	.00048	53.64	77	67,951	.04000	66,592	.04239	10.13
28	98,307	.00049	98,283	.00050	52.66	78	65,233	.04489	63,769	.04757	9.53
29	98,259	.00050	98,234	.00051	51.69	79	62,305	.05038	60,735	.05335	8.96
30	98,209	.00052	98,184	.00054	50.71	80	59,166	.05647	57,495	.05967	8.41
31	98,158	.00055	98,131	.00057	49.74	81	55,825	.06307	54,064	.06648	7.88
32	98,104	.00058	98,075	.00060	48.77	82	52,304	.07011	50,470	.07365	7.37
33	98,046	.00062	98,016	.00064	47.80	83	48,637	.07745	46,753	.08116	6.89
34	97,985	.00066	97,953	.00068	46.82	84	44,870	.08518	42,959	.08913	6.43
35	97,921	.00071	97,886	.00073	45.86	85	41,048	.09344	39,130	.09908	5.98
36	97,852	.00076	97,815	.00078	44.89	86	37,212	.10530	35,253	.11161	5.55
37	97,778	.00081	97,738	.00084	43.92	87	33,294	.11866	31,319	.12572	5.14
38	97,699	.00087	97,656	.00091	42.96	88	29,343	.13372	27,382	.14160	4.77
39	97,613	.00094	97,567	.00099	41.99	89	25,420	.15069	23,504	.15948	4.42
40	97,521	.00103	97,471	.00109	41.03	90	21,589	.16982	19,756	.17641	4.12
41	97,420	.00114	97,365	.00121	40.07	91	17,923	.18434	16,271	.19111	3.86
42	97,309	.00127	97,247	.00135	39.12	92	14,619	.19942	13,161	.20634	3.62
43	97,185	.00142	97,116	.00150	38.17	93	11,704	.21499	10,446	.22204	3.40
44	97,047	.00158	96,970	.00166	37.22	94	9,187	.23102	8,126	.23818	3.19
45	96,894	.00175	96,809	.00183	36.28	95	7,065	.24748	6,191	.25471	3.00
46	96,724	.00192	96,632	.00201	35.34	96	5,317	.26432	4,614	.27159	2.82
47	96,539	.00210	96,438	.00219	34.41	97	3,911	.28147	3,361	.28877	2.66
48	96,337	.00229	96,226	.00239	33.48	98	2,810	.29893	2,390	.30622	2.50
49	96,116	.00250	95,996	.00262	32.56	99	1,970	.31662	1,658	.32388	2.36

lx = number of persons surviving at exact age x
 qx = proportion dying between exact age x and exact age x + 1
 Lx = number of persons surviving at age x last birthday
 Qx = proportion dying between age x last birthday and age x + 1 last birthday
 e⁰x = complete expectation of life at exact age x