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AUSTRALIAN BUREAU OF STATISTICS, CANBERRA AUSTRALIA

16 pages

# AUSTRALIAN LIFE TABLES

## 1970-1972

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AUSTRALIAN GOVERNMENT ACTUARY

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BY

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## APPENDIX A

## AUSTRALIAN LIFE TABLES, 1970-1972

## MALES

Age $x$	$l_x$	$d_x$	$p_x$	$q_x$	$\mu_x$	$o_{e_x}$	Age $x$	$l_x$	$d_x$	$p_x$	$q_x$	$\mu_x$	$o_{e_x}$
0	100,000	1,949	.98051	.01949	..	67.81	60	77,574	1,713	.97792	.02208	.02133	15.35
1	98,051	147	.99850	.00150	..	68.25	61	75,861	1,847	.97565	.02435	.02344	14.69
2	97,904	97	.99901	.00099	..	67.35	62	74,014	1,988	.97314	.02686	.02591	14.04
3	97,807	81	.99917	.00083	.00088	66.42	63	72,026	2,125	.97050	.02950	.02858	13.41
4	97,726	65	.99934	.00066	.00074	65.47	64	69,901	2,242	.96793	.03207	.03124	12.81
5	97,661	54	.99944	.00056	.00060	64.52	65	67,659	2,377	.96487	.03513	.03413	12.21
6	97,607	49	.99950	.00050	.00053	63.55	66	65,282	2,496	.96176	.03824	.03736	11.64
7	97,558	44	.99955	.00045	.00047	62.58	67	62,786	2,603	.95854	.04146	.04059	11.08
8	97,514	40	.99959	.00041	.00043	61.61	68	60,183	2,739	.95449	.04551	.04441	10.54
9	97,474	37	.99962	.00038	.00039	60.64	69	57,444	2,828	.95073	.04922	.04848	10.02
10	97,437	35	.99964	.00036	.00037	59.66	70	54,616	2,945	.94607	.05393	.05283	9.51
11	97,402	37	.99962	.00038	.00037	58.68	71	51,671	3,045	.94106	.05894	.05802	9.03
12	97,365	39	.99960	.00040	.00039	57.70	72	48,626	3,136	.93551	.06449	.06361	8.56
13	97,326	44	.99955	.00045	.00042	56.73	73	45,490	3,205	.92956	.07044	.06981	8.12
14	97,282	54	.99944	.00056	.00049	55.75	74	42,285	3,229	.92364	.07636	.07615	7.69
15	97,228	74	.99924	.00076	.00064	54.78	75	39,056	3,255	.91666	.08334	.08312	7.29
16	97,154	110	.99887	.00113	.00092	53.82	76	35,801	3,224	.90993	.09007	.09070	6.90
17	97,044	157	.99838	.00162	.00137	52.88	77	32,577	3,163	.90291	.09709	.09821	6.54
18	96,887	202	.99792	.00208	.00188	51.97	78	29,414	3,065	.89580	.10420	.10601	6.19
19	96,685	212	.99781	.00219	.00218	51.08	79	26,349	2,950	.88803	.11197	.11423	5.85
20	96,473	208	.99784	.00216	.00219	50.19	80	23,399	2,824	.87931	.12069	.12356	5.52
21	96,265	200	.99792	.00208	.00214	49.29	81	20,575	2,662	.87064	.12936	.13337	5.21
22	96,065	181	.99812	.00188	.00199	48.40	82	17,913	2,520	.85930	.14070	.14474	4.92
23	95,884	161	.99832	.00168	.00177	47.49	83	15,393	2,338	.84814	.15186	.15829	4.64
24	95,723	149	.99844	.00156	.00162	46.57	84	13,055	2,105	.83875	.16125	.17034	4.38
25	95,574	137	.99857	.00143	.00149	45.64	85	10,950	1,893	.82711	.17289	.18232	4.13
26	95,437	130	.99864	.00136	.00139	44.70	86	9,057	1,694	.81294	.18706	.19801	3.89
27	95,307	128	.99865	.00135	.00135	43.76	87	7,363	1,486	.79823	.20177	.21610	3.67
28	95,179	130	.99864	.00136	.00135	42.82	88	5,877	1,272	.78356	.21644	.23457	3.48
29	95,049	133	.99860	.00140	.00138	41.88	89	4,605	1,066	.76850	.23150	.25360	3.30
30	94,916	137	.99856	.00144	.00142	40.94	90	3,539	867	.75503	.24497	.27248	3.15
31	94,779	140	.99852	.00148	.00146	39.99	91	2,672	688	.74267	.25733	.28947	3.02
32	94,639	144	.99848	.00152	.00150	39.05	92	1,984	534	.73088	.26912	.30563	2.90
33	94,495	149	.99842	.00158	.00154	38.11	93	1,450	406	.71963	.28037	.32138	2.79
34	94,346	160	.99830	.00170	.00163	37.17	94	1,044	304	.70890	.29110	.33664	2.69
35	94,186	176	.99813	.00187	.00178	36.23	95	740	223	.69866	.30134	.35141	2.60
36	94,010	189	.99799	.00201	.00194	35.30	96	517	161	.68888	.31112	.36571	2.52
37	93,821	203	.99784	.00216	.00208	34.37	97	356	114	.67952	.32048	.37957	2.44
38	93,618	223	.99762	.00238	.00227	33.44	98	242	80	.67059	.32941	.39300	2.38
39	93,395	245	.99738	.00262	.00250	32.52	99	162	55	.66203	.33797	.40599	2.31
40	93,150	263	.99717	.00283	.00273	31.61	100	107	37	.65385	.34615	.41859	2.25
41	92,887	289	.99689	.00311	.00296	30.69	101	70	25	.64601	.35399	.43079	2.20
42	92,598	324	.99650	.00350	.00330	29.79	102	45	16	.63850	.36150	.44261	2.15
43	92,274	359	.99611	.00389	.00370	28.89	103	29	11	.63129	.36871	.45407	2.10
44	91,915	395	.99570	.00430	.00409	28.00	104	18	7	.62439	.37561	.46518	2.06
45	91,520	441	.99518	.00482	.00456	27.12	105	11	4	.61776	.38224	.47593	2.02
46	91,079	490	.99462	.00538	.00511	26.25	106	7	3	.61140	.38860	.48636	1.98
47	90,589	540	.99404	.00596	.00568	25.39	107	4	1	.60529	.39471	.49647	1.94
48	90,049	594	.99341	.00659	.00628	24.54	108	3	1	.59941	.40059	.50627	1.91
49	89,455	657	.99265	.00735	.00698	23.70	109	2	1	.59376	.40624	.51579	1.88
50	88,798	723	.99186	.00814	.00777	22.87	110	1	1	.58833	.41167	.52501	1.85
51	88,075	792	.99101	.00899	.00858	22.05	111	..	..	.58310	.41690	.53395	1.82
52	87,283	874	.98998	.01002	.00952	21.25	112	..	..	.57807	.42193	..	..
53	86,409	968	.98880	.01120	.01066	20.46	113	..	..	.57322	.42678	..	..
54	85,441	1,049	.98773	.01227	.01179	19.68	114	..	..	.56855	.43145	..	..
55	84,392	1,147	.98640	.01360	.01300	18.92							
56	83,245	1,244	.98506	.01494	.01435	18.18							
57	82,001	1,361	.98340	.01660	.01587	17.45							
58	80,640	1,469	.98178	.01822	.01754	16.73							
59	79,171	1,597	.97983	.02017	.01936	16.03							

## APPENDIX B

## AUSTRALIAN LIFE TABLES, 1970-1972

## FEMALES

Age $x$	$l_x$	$d_x$	$p_x$	$q_x$	$\mu_x$	$^o e_x$	Age $x$	$l_x$	$d_x$	$p_x$	$q_x$	$\mu_x$	$^o e_x$
0	100,000	1,501	.98499	.01501	..	74.49	60	86,719	945	.98910	.01090	.01049	19.74
1	98,499	130	.99868	.00132	..	74.74	61	85,774	1,021	.98810	.01190	.01145	18.95
2	98,369	75	.99924	.00076	..	73.83	62	84,753	1,101	.98701	.01299	.01250	18.17
3	98,294	54	.99945	.00055	.00061	72.89	63	83,652	1,190	.98577	.01423	.01369	17.41
4	98,240	47	.99952	.00048	.00050	71.93	64	82,462	1,275	.98454	.01546	.01494	16.65
5	98,193	40	.99959	.00041	.00044	70.97	65	81,187	1,374	.98308	.01692	.01626	15.90
6	98,153	37	.99963	.00037	.00039	69.99	66	79,813	1,503	.98116	.01884	.01801	15.17
7	98,116	32	.99967	.00033	.00035	69.02	67	78,310	1,622	.97929	.02071	.01993	14.45
8	98,084	28	.99971	.00029	.00031	68.04	68	76,688	1,779	.97680	.02320	.02214	13.75
9	98,056	26	.99974	.00026	.00027	67.06	69	74,909	1,926	.97429	.02571	.02471	13.06
10	98,030	23	.99976	.00024	.00025	66.08	70	72,983	2,098	.97125	.02875	.02753	12.39
11	98,007	23	.99977	.00023	.00023	65.10	71	70,885	2,278	.96787	.03213	.03086	11.74
12	97,984	24	.99975	.00025	.00024	64.11	72	68,607	2,451	.96427	.03573	.03445	11.12
13	97,960	29	.99971	.00029	.00027	63.13	73	66,156	2,646	.96001	.03999	.03853	10.51
14	97,931	34	.99965	.00035	.00032	62.14	74	63,510	2,813	.95570	.04430	.04299	9.93
15	97,897	40	.99959	.00041	.00037	61.17	75	60,697	2,997	.95063	.04937	.04788	9.36
16	97,857	55	.99944	.00056	.00048	60.19	76	57,700	3,149	.94543	.05457	.05331	8.82
17	97,802	68	.99931	.00069	.00064	59.22	77	54,551	3,293	.93963	.06037	.05907	8.30
18	97,734	70	.99928	.00072	.00072	58.27	78	51,258	3,426	.93316	.06684	.06551	7.80
19	97,664	68	.99930	.00070	.00072	57.31	79	47,832	3,590	.92494	.07506	.07347	7.33
20	97,596	64	.99935	.00065	.00068	56.35	80	44,242	3,654	.91742	.08258	.08203	6.88
21	97,532	60	.99938	.00062	.00063	55.38	81	40,588	3,733	.90803	.09197	.09109	6.45
22	97,472	58	.99941	.00059	.00060	54.42	82	36,855	3,749	.89827	.10173	.10169	6.06
23	97,414	58	.99940	.00060	.00059	53.45	83	33,106	3,748	.88680	.11320	.11361	5.69
24	97,356	60	.99939	.00061	.00061	52.48	84	29,358	3,612	.87696	.12304	.12573	5.35
25	97,296	60	.99938	.00062	.00062	51.51	85	25,746	3,476	.86500	.13500	.13795	5.03
26	97,236	61	.99937	.00063	.00062	50.54	86	22,270	3,246	.85421	.14579	.15137	4.74
27	97,175	63	.99935	.00065	.00064	49.58	87	19,024	2,994	.84264	.15736	.16423	4.46
28	97,112	66	.99932	.00068	.00066	48.61	88	16,030	2,715	.83064	.16936	.17823	4.20
29	97,046	71	.99927	.00073	.00070	47.64	89	13,315	2,427	.81773	.18227	.19316	3.96
30	96,975	76	.99922	.00078	.00076	46.67	90	10,888	2,135	.80389	.19611	.20962	3.73
31	96,899	80	.99917	.00083	.00080	45.71	91	8,753	1,832	.79073	.20927	.22658	3.52
32	96,819	87	.99910	.00090	.00086	44.75	92	6,921	1,543	.77705	.22295	.24337	3.33
33	96,732	95	.99902	.00098	.00094	43.79	93	5,378	1,275	.76285	.23715	.26132	3.14
34	96,637	103	.99894	.00106	.00102	42.83	94	4,103	1,033	.74819	.25181	.28025	2.97
35	96,534	112	.99884	.00116	.00111	41.88	95	3,070	820	.73306	.26694	.30016	2.81
36	96,422	123	.99872	.00128	.00122	40.92	96	2,250	635	.71750	.28250	.32110	2.65
37	96,299	137	.99858	.00142	.00135	39.98	97	1,615	482	.70152	.29848	.34309	2.51
38	96,162	150	.99844	.00156	.00149	39.03	98	1,133	357	.68514	.31486	.36616	2.37
39	96,012	164	.99829	.00171	.00164	38.09	99	776	257	.66841	.33159	.39033	2.25
40	95,848	177	.99815	.00185	.00178	37.16	100	519	181	.65135	.34865	.41560	2.13
41	95,671	194	.99797	.00203	.00194	36.22	101	338	124	.63399	.36601	.44201	2.02
42	95,477	214	.99776	.00224	.00213	35.30	102	214	82	.61637	.38363	.46957	1.91
43	95,263	237	.99752	.00248	.00236	34.37	103	132	53	.59854	.40146	.49828	1.82
44	95,026	255	.99731	.00269	.00258	33.46	104	79	33	.58054	.41946	.52812	1.72
45	94,771	283	.99702	.00298	.00283	32.55	105	46	20	.56240	.43760	.55910	1.64
46	94,488	312	.99669	.00331	.00315	31.64	106	26	12	.54420	.45580	.59121	1.56
47	94,176	341	.99638	.00362	.00347	30.75	107	14	7	.52597	.47403	.62437	1.48
48	93,835	373	.99603	.00397	.00380	29.86	108	7	3	.50778	.49222	.65856	1.41
49	93,462	405	.99566	.00434	.00416	28.97	109	4	2	.48969	.51031	.69368	1.35
50	93,057	442	.99526	.00474	.00455	28.10	110	2	1	.47175	.52825	.72962	1.28
51	92,615	477	.99484	.00516	.00496	27.23	111	1	1	.45403	.54597	.76628	1.23
52	92,138	513	.99444	.00556	.00537	26.37	112	..	..	.43660	.56340	..	..
53	91,625	552	.99397	.00603	.00581	25.51	113	..	..	.41952	.58048	..	..
54	91,073	589	.99353	.00647	.00626	24.66	114	..	..	.40285	.59715	..	..
55	90,484	641	.99292	.00708	.00678	23.82							
56	89,843	693	.99229	.00771	.00742	22.99							
57	89,150	749	.99160	.00840	.00808	22.16							
58	88,401	806	.99088	.00912	.00878	21.35							
59	87,595	876	.99000	.01000	.00959	20.54							