



**1988
DEATHS
AUSTRALIA**

CATALOGUE NO. 3302.0

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DEATHS
AUSTRALIA
1988

IAN CASTLES
Australian Statistician

AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 3302.0

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SUMMARY OF FINDINGS

In 1988, there were 119,866 deaths registered in Australia, an increase of 2% compared with 1987 (117,321). The crude death rate remained unchanged at 7.25 deaths per 1,000 population.

There is considerable variation in the crude death rate between the States and Territories, but this variation is affected by differences in the age structure of the population between States and Territories. Death rates standardised for age differences show smaller variation, except the rate for the Northern Territory which is considerably higher than the Australian average. The standardised rate for the A.C.T. is the lowest amongst all States and Territories in 1988, overtaking South Australia as the State/Territory with the lowest level of mortality. However, the variation amongst States and the A.C.T. is small.

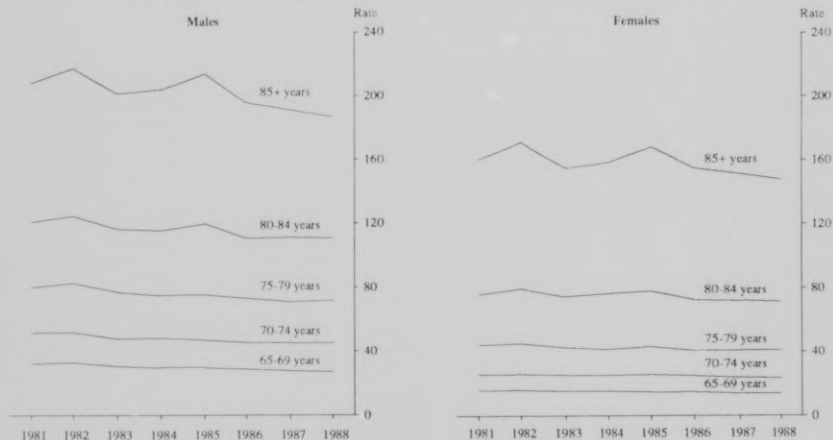
STANDARDISED DEATH RATES (a): STATES AND TERRITORIES, 1981, 1986 AND 1988

Year	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia
1981	8.28	8.04	8.15	7.67	7.67	8.63	16.41	8.13	8.12
1986	7.58	7.24	7.17	7.02	7.29	7.80	9.90	7.45	7.37
1988	7.60	7.02	7.03	6.88	6.91	7.71	10.88 (b)	6.65	7.25

(a) The standard population used in these calculations is the 1988 Australian population. (b) The 1988 figure for NT has been affected by a change in registration legislation. See paragraph 6 of the Explanatory Notes.

Age specific death rates for most age groups have remained little changed in the past few years. Rates for age groups 65 years and over in general continued to decline, most obviously in the oldest (85 years and over) group.

AGE SPECIFIC DEATH RATES FOR SELECTED AGE GROUPS, AUSTRALIA, 1981 TO 1988

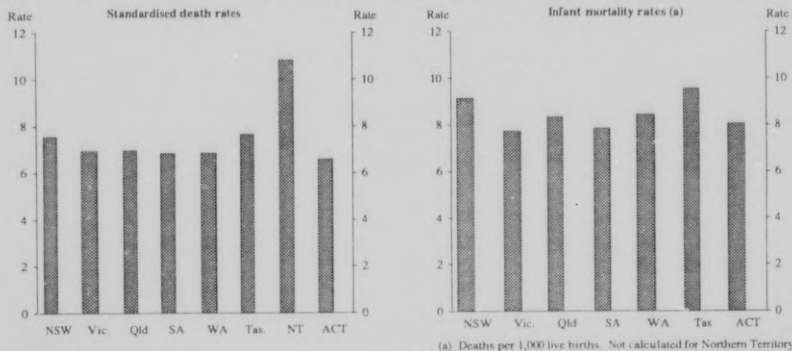


Life expectancy at birth in 1988 was 73.0 years for males and 79.5 years for females, unchanged from that in 1987. However, this compares with 72.8 for males and 79.1 for females in 1986.

Infant Mortality

There were 2,132 infant deaths recorded in Australia in 1988, marginally more than in 1987. The infant mortality rate remained the same as in 1987, at 8.7 infant deaths per 1,000 births. Victoria recorded the lowest infant death rate in 1988, at 7.8 deaths per 1,000 births. Infants who died within one week of birth contributed to 50% of all infant deaths.

STANDARDISED DEATH RATES AND INFANT MORTALITY RATES: STATES AND TERRITORIES OF USUAL RESIDENCE, 1988



Causes of Death

The major cause of death in Australia in 1988 remained ischaemic heart disease (27.3% of all male deaths and 25.3% of all female deaths) followed by malignant neoplasms or cancer (25.9% of all male deaths and 23.2% of all female deaths). The proportion of deaths attributable to cancer continued to increase while the proportion due to heart disease continued to decrease.

The number of deaths from suicide in 1988 was 1,730 for males (2.7% of male deaths) and 467 for females (0.9% of female deaths).

CAUSES OF DEATH, AUSTRALIA, 1988

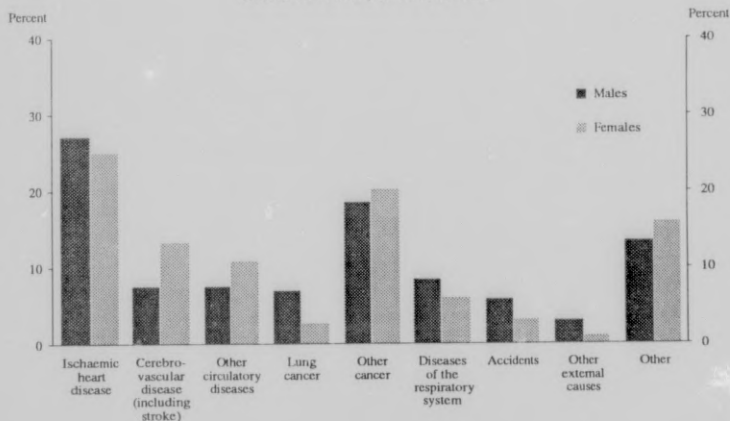


TABLE 1. DEATHS: STATES AND TERRITORIES (USUAL RESIDENCE BASIS), 1981 TO 1988

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia
MALES									
Annual averages - 1981 - 1985	22,429	16,093	10,037	5,544	4,782	1,925	424	483	61,717
Annual totals -									
1983	21,899	15,823	9,725	5,465	4,796	1,846	462	434	60,450
1984(a)	21,220	15,843	9,767	5,540	4,817	1,971	323	506	59,987
1985(a)	23,840	16,516	10,443	5,570	4,921	1,974	404	488	64,156
1986	22,571	16,021	10,006	5,556	5,250	1,825	425	556	62,210
1987	22,611	16,714	10,522	5,754	5,058	1,968	450	534	63,611
1988	23,877	16,426	10,597	5,793	5,363	1,908	552 (b)	566	65,082
FEMALES									
Annual averages - 1981 - 1985	18,922	13,914	7,591	4,582	3,599	1,558	238	396	50,799
Annual totals -									
1983	18,648	13,542	7,331	4,404	3,573	1,473	265	398	49,634
1984(a)	18,082	13,689	7,638	4,559	3,686	1,625	224	424	49,927
1985(a)	20,424	14,837	8,186	4,926	3,915	1,719	237	408	54,652
1986	19,596	14,154	7,855	4,772	4,057	1,629	236	472	52,771
1987	19,578	14,835	8,339	4,777	3,822	1,669	226	464	53,710
1988	20,799	14,300	8,206	4,897	4,169	1,639	324 (b)	450	54,784
TOTAL									
Annual averages - 1981 - 1985	41,351	30,006	17,627	10,127	8,381	3,483	662	879	112,516
Annual totals -									
1983	40,547	29,365	17,056	9,869	8,369	3,319	727	832	110,084
1984(a)	39,302	29,532	17,405	10,099	8,503	3,596	547	930	109,914
1985(a)	44,264	31,353	18,629	10,496	8,836	3,693	641	896	118,808
1986	42,167	30,175	17,861	10,328	9,307	3,454	661	1,028	114,981
1987	42,189	31,549	18,861	10,531	8,880	3,637	676	998	117,321
1988	44,676	30,726	18,803	10,690	9,532	3,547	876 (b)	1,016	119,866

(a) The figures for 1984 and 1985 have been affected by late registrations in NSW. See paragraph 5 of the Explanatory Notes. (b) 1988 figures for NT have been affected by a change in registration legislation. See paragraph 6 of Explanatory Notes.

TABLE 2. CRUDE DEATH RATES(a): STATES AND TERRITORIES (USUAL RESIDENCE BASIS), 1981 TO 1988

	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
MALES									
Annual averages - 1981 - 1985	8.4	8.0	8.1	8.3	7.0	8.9	6.0	4.1	8.1
Annual totals -									
1983	8.2	7.9	7.8	8.2	7.0	8.6	6.5	3.7	7.9
1984(h)	7.9	7.8	7.8	8.3	6.9	9.1	4.4	4.1	7.7
1985(b)	8.7	8.1	8.2	8.3	6.9	9.0	5.3	3.9	8.2
1986	8.2	7.7	7.7	8.2	7.2	8.2	5.4	4.2	7.8
1987	8.1	8.0	7.8	8.3	6.7	8.9	5.4	4.0	7.8
1988	8.4	7.8	7.7	8.3	6.9	8.6	6.7(c)	4.1	7.9
FEMALES									
Annual averages - 1981 - 1985	7.0	6.9	6.2	6.8	5.4	7.2	3.8	3.3	6.6
Annual totals -									
1983	6.9	6.7	6.0	6.5	5.3	6.8	4.2	3.4	6.4
1984(h)	6.7	6.7	6.1	6.7	5.4	7.4	3.4	3.5	6.4
1985(b)	7.4	7.2	6.5	7.2	5.6	7.7	3.5	3.2	6.9
1986	7.0	6.7	6.1	6.9	5.7	7.2	3.4	3.6	6.6
1987	7.0	7.0	6.3	6.8	5.1	7.4	3.1	3.5	6.6
1988	7.3	6.7	6.0	6.9	5.5	7.3	4.4(c)	3.3	6.6
TOTAL									
Annual averages - 1981 - 1985	7.7	7.4	7.2	7.6	6.1	8.0	5.0	3.7	7.3
Annual totals -									
1983	7.6	7.3	6.9	7.4	6.1	7.7	5.4	3.5	7.2
1984(h)	7.3	7.2	6.9	7.5	6.1	8.2	3.9	3.8	7.1
1985(b)	8.1	7.6	7.3	7.7	6.3	8.4	4.5	3.5	7.5
1986	7.6	7.2	6.9	7.5	6.5	7.7	4.5	3.9	7.2
1987	7.5	7.5	7.0	7.6	5.9	8.1	4.3	3.7	7.2
1988	7.8	7.2	6.9	7.6	6.2	7.9	5.6(c)	3.7	7.2

(a) Number of deaths per 1,000 mean population. (b) These rates are adjusted for late registrations in NSW. See paragraph 5 of the Explanatory Notes. (c) 1988 figures for NT have been affected by a change in registration legislation. See paragraph 6 of Explanatory Notes.

TABLE 3. DEATHS: AGE GROUPS, AUSTRALIA, 1956 TO 1988

	Under 1	Age group (years)																		over & Not stated	Total
		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89		
MALES																					
Annual averages -																					
1956 - 1960	2,662	574	291	235	483	576	549	706	846	1,184	1,874	2,681	7,730	4,776	6,365	6,867	6,096	4,359	2,569	1,123	20 48,565
1961 - 1965	2,596	507	276	266	571	637	511	633	934	1,378	2,045	3,161	4,243	5,459	6,417	7,605	7,169	5,086	2,844	1,217	16 53,571
1966 - 1970	2,515	485	289	262	765	878	609	605	921	1,520	2,292	3,336	4,959	6,341	7,513	7,785	8,067	6,081	3,273	1,329	12 59,838
1971 - 1975	2,379	486	267	261	924	1,009	722	656	854	1,357	2,450	3,519	4,883	6,733	7,872	8,373	7,535	6,261	3,689	1,520	13 61,763
1976 - 1980	1,559	339	222	239	917	1,061	801	734	839	1,192	2,061	3,394	4,736	6,257	8,141	8,666	8,098	5,828	3,718	1,762	17 60,580
1981 - 1985	1,348	287	188	216	749	1,042	848	788	844	1,099	1,611	2,780	4,604	6,107	7,816	9,408	9,012	6,871	3,892	2,189	19 61,717
Annual totals -																					
1983	1,302	286	184	203	720	1,029	888	747	809	1,056	1,545	2,816	4,630	6,038	7,743	9,112	8,879	6,688	3,708	2,055	12 60,450
1984(a)	1,259	275	133	223	629	1,003	736	809	827	1,119	1,488	2,497	4,412	6,150	7,290	9,418	8,915	6,878	3,735	2,177	14 59,987
1985(a)	1,398	277	178	198	746	1,087	894	809	890	1,111	1,580	2,510	4,445	6,492	7,629	9,837	9,592	7,660	4,438	2,361	24 64,156
1986	1,244	267	151	196	730	1,042	893	840	920	1,181	1,519	2,359	4,116	6,307	7,535	9,497	9,566	7,334	4,275	2,223	15 62,210
1987	1,235	255	136	190	735	999	908	815	976	1,153	1,563	2,347	4,128	6,116	7,770	9,648	9,828	7,834	4,686	2,272	17 63,611
1988	1,227	229	142	194	812	1,065	1,050	933	958	1,342	1,561	2,350	3,772	6,227	7,951	9,559	10,360	8,182	4,744	2,414	10 65,082
FEMALES																					
Annual averages -																					
1956 - 1960	2,021	456	190	147	174	185	238	367	546	783	1,151	1,398	1,915	2,792	4,084	5,166	5,672	5,200	3,572	1,859	6 37,923
1961 - 1965	1,928	410	193	147	228	224	237	328	563	813	1,210	1,643	2,006	2,880	4,064	5,803	6,625	6,164	4,128	2,295	5 41,894
1966 - 1970	1,834	379	206	148	294	278	264	325	543	872	1,314	1,877	2,465	3,175	4,377	6,058	7,664	7,392	5,118	2,837	5 47,426
1971 - 1975	1,736	364	185	152	326	307	301	344	488	786	1,356	1,876	2,527	3,448	4,370	5,911	7,406	8,045	6,029	3,492	4 49,453
1976 - 1980	1,172	247	157	133	308	323	294	367	452	665	1,060	1,719	2,387	3,292	4,462	5,600	7,084	7,756	6,652	4,316	4 48,448
1981 - 1985	1,007	207	108	120	258	320	321	345	469	601	904	1,443	2,245	3,286	4,448	6,167	7,297	8,257	7,212	5,780	4 50,799
Annual totals -																					
1983	1,025	206	100	127	226	322	314	356	479	577	875	1,475	2,271	3,318	4,412	6,117	7,175	7,965	6,854	5,436	4 49,634
1984(a)	904	181	104	118	251	315	306	337	504	617	847	1,360	2,092	3,290	4,336	6,210	7,183	8,268	6,876	5,822	6 49,927
1985(a)	1,054	210	114	105	267	353	347	363	499	603	936	1,364	2,258	3,362	4,357	6,719	8,029	8,974	8,116	6,618	4 54,652
1986	910	202	104	102	273	353	327	360	477	666	887	1,270	2,124	3,248	4,586	6,541	7,874	8,442	7,581	6,442	— 52,771
1987	881	156	102	89	291	315	333	353	500	672	882	1,295	2,012	3,159	4,392	6,399	8,145	8,938	7,847	6,943	6 53,710
1988	905	199	106	92	285	351	331	391	519	707	930	1,265	2,008	3,218	4,568	6,286	8,451	9,247	8,024	6,899	— 54,784

(a) The figures for 1984 and 1985 have been affected by late registrations in NSW. See paragraph 5 of the Explanatory Notes.

TABLE 4. DEATHS: AGE-SPECIFIC DEATH RATES(a) BY SEX, AUSTRALIA, 1961 TO 1988

	<i>Under 1</i>	<i>Age group (years)</i>																		<i>85 & Over</i>
		<i>1-4</i>	<i>5-9</i>	<i>10-14</i>	<i>15-19</i>	<i>20-24</i>	<i>25-29</i>	<i>30-34</i>	<i>35-39</i>	<i>40-44</i>	<i>45-49</i>	<i>50-54</i>	<i>55-59</i>	<i>60-64</i>	<i>65-69</i>	<i>70-74</i>	<i>75-79</i>	<i>80-84</i>		
MALES																				
Annual averages -																				
1961-1965	22.0	1.1	0.5	0.5	1.2	1.7	1.5	1.7	2.4	3.7	6.2	10.3	16.8	27.4	42.2	64.7	97.2	145.0	242.7	
1966-1970	21.0	1.0	0.5	0.5	1.4	1.8	1.5	1.6	2.4	3.8	6.2	10.4	17.2	27.8	44.3	67.0	102.7	149.2	245.9	
1971-1975	18.4	0.9	0.4	0.4	1.5	1.7	1.3	1.4	2.1	3.4	6.0	9.6	15.9	25.5	39.3	61.2	95.3	141.2	231.7	
1976-1980	13.6	0.7	0.3	0.4	1.4	1.7	1.4	1.3	1.9	3.0	5.2	8.6	13.8	22.2	35.3	54.2	84.7	127.9	210.7	
1981-1985	11.1	0.6	0.3	0.3	1.1	1.5	1.3	1.3	1.5	2.4	4.1	7.2	12.2	19.3	30.0	49.5	78.2	119.6	208.7	
Annual rates -																				
1983	10.5	0.6	0.3	0.3	1.1	1.5	1.4	1.2	1.4	2.3	4.0	7.3	12.3	19.0	30.8	48.0	77.2	116.6	201.1	
1984 (b)	10.4	0.6	0.2	0.3	1.0	1.5	1.2	1.3	1.4	2.4	3.8	6.8	11.8	18.9	29.9	48.5	75.4	115.6	203.6	
1985 (b)	11.3	0.6	0.3	0.3	1.1	1.6	1.3	1.3	1.4	2.2	3.7	6.6	11.5	18.7	29.8	47.2	75.7	119.8	213.7	
1986	10.2	0.5	0.3	0.3	1.1	1.5	1.3	1.3	1.4	2.3	3.5	6.3	10.8	18.2	28.8	45.5	73.4	110.8	195.5	
1987	10.0	0.5	0.2	0.3	1.0	1.5	1.3	1.3	1.5	2.0	3.5	6.1	10.9	17.2	27.9	45.3	71.2	111.2	190.9	
1988	9.8	0.5	0.2	0.3	1.1	1.6	1.5	1.4	1.5	2.2	3.4	6.0	10.0	17.3	27.2	45.0	71.9	110.7	186.6	
FEMALES																				
Annual averages -																				
1961-1965	17.2	0.9	0.4	0.3	0.5	0.6	0.7	1.0	1.5	2.3	3.7	5.6	8.3	13.6	21.7	37.4	63.3	107.5	205.1	
1966-1970	16.0	0.8	0.3	0.3	0.6	0.6	0.7	0.9	1.5	2.3	3.7	5.9	8.7	13.6	22.1	37.3	63.6	105.9	201.0	
1971-1975	14.0	0.7	0.3	0.2	0.6	0.5	0.6	0.8	1.3	2.1	3.5	5.2	8.0	12.2	19.4	33.1	57.3	97.4	187.9	
1976-1980	10.7	0.5	0.2	0.2	0.5	0.5	0.5	0.7	1.0	1.8	2.8	4.5	6.8	10.8	16.9	27.9	48.4	84.0	168.4	
1981-1985	8.7	0.5	0.2	0.2	0.4	0.5	0.5	0.6	0.9	1.4	2.4	3.9	6.1	9.6	15.3	25.4	43.3	76.9	162.6	
Annual rates -																				
1983	8.8	0.5	0.2	0.2	0.4	0.5	0.5	0.6	0.9	1.3	2.3	4.0	6.1	9.7	15.2	25.2	42.6	74.5	154.9	
1984 (b)	7.9	0.4	0.2	0.2	0.4	0.5	0.5	0.6	0.9	1.4	2.2	3.8	5.7	9.5	15.2	25.2	41.3	76.4	158.4	
1985 (b)	8.9	0.4	0.2	0.2	0.4	0.5	0.5	0.6	0.8	1.2	2.3	3.7	6.0	9.1	14.6	25.6	43.0	77.8	168.0	
1986	7.9	0.4	0.2	0.2	0.4	0.5	0.5	0.6	0.8	1.3	2.2	3.6	5.7	9.0	14.9	25.0	40.7	72.5	154.9	
1987	7.5	0.3	0.2	0.1	0.4	0.5	0.5	0.5	0.8	1.3	2.1	3.5	5.5	8.6	13.9	23.9	40.8	72.1	151.3	
1988	7.6	0.4	0.2	0.2	0.4	0.5	0.5	0.6	0.8	1.2	2.1	3.4	5.5	8.7	13.8	23.5	40.7	71.4	147.7	

(a) Rate per 1,000 population of each age/age group and sex. (b) These rates are adjusted for late registrations in NSW. See paragraph 5 of the Explanatory Notes.

TABLE 5. DEATHS: EXPECTATION OF LIFE AND LIFE TABLE DEATH RATES, AUSTRALIA, 1960 TO 1988

	Age										Life table death rate
	0	1	10	20	30	40	50	60	70	80	
	MALES										
Annual averages -											
1960 - 1962(a)	67.92	68.46	59.93	50.40	41.12	31.84	23.13	15.60	9.77	5.57	14.72
1965 - 1967(a)	67.63	68.07	59.50	49.98	40.72	31.44	22.76	15.27	9.52	5.51	14.79
1970 - 1972(a)	68.10	68.45	59.86	50.38	41.10	31.77	23.04	15.51	9.67	5.67	14.73
1975 - 1977(a)	69.56	69.62	60.95	51.47	42.18	32.81	24.05	16.40	10.31	5.95	14.38
1980 - 1982(a)	71.23	71.05	62.35	52.78	43.51	34.07	25.12	17.23	10.81	6.27	14.04
Annual rates -											
1983(b)	72.13	71.89	63.16	53.55	44.26	34.77	25.70	17.72	11.18	6.45	13.86
1984(b)(c)	72.46	72.22	63.46	53.83	44.48	35.02	25.93	17.86	11.26	6.52	13.80
1985(b)(c)	72.40	72.21	63.47	53.86	44.58	35.10	25.99	17.87	11.23	6.36	13.81
1986(b)	72.87	72.61	63.85	54.24	44.94	35.50	26.38	18.20	11.52	6.62	13.72
1987(b)	73.03	72.75	63.97	54.35	45.05	35.60	26.45	18.27	11.52	6.56	13.69
1988(b)	73.08	72.79	64.00	54.40	45.17	35.76	26.63	18.36	11.58	6.65	13.68
FEMALES											
Annual averages -											
1960 - 1962(a)	74.18	74.49	65.92	56.16	46.49	36.99	27.92	19.51	12.19	6.68	13.48
1965 - 1967(a)	74.15	74.39	65.75	56.00	46.34	36.85	27.83	19.52	12.23	6.72	13.49
1970 - 1972(a)	74.80	74.94	66.28	56.54	46.86	37.34	28.29	19.93	12.58	7.05	13.40
1975 - 1977(a)	76.56	76.47	67.75	57.98	48.26	38.67	29.53	21.04	13.52	7.58	13.06
1980 - 1982(a)	78.27	77.98	69.20	59.40	49.67	40.00	30.70	22.02	14.26	8.01	12.78
Annual rates -											
1983(b)	78.76	78.45	69.65	59.82	50.09	40.41	31.06	22.37	14.59	8.28	12.70
1984(b)(c)	78.95	78.58	69.77	59.96	50.22	40.54	31.19	22.43	14.64	8.26	12.67
1985(b)(c)	78.81	78.51	69.71	59.89	50.18	40.48	31.11	22.36	14.46	8.13	12.69
1986(b)	79.18	78.79	69.99	60.18	50.46	40.77	31.38	22.60	14.75	8.39	12.63
1987(b)	79.46	79.05	70.22	60.40	50.67	40.97	31.59	22.76	14.81	8.38	12.59
1988(b)	79.45	79.05	70.25	60.43	50.71	41.03	31.64	22.81	14.87	8.41	12.59

(a) Based on official life tables, calculated by the Australian Government Actuary on the occasion of the census. (b) Based on Annual Life Tables calculated by the Australian Statistician. Because of the method of calculation, these figures are subject to annual fluctuation which may not be indicative of a longer term trend. (c) The values for 1984 and 1985 are adjusted for late registrations of NSW deaths in 1984. See paragraph 5 of the Explanatory Notes.

TABLE 6. DEATHS: AGE AT DEATH AND MARITAL STATUS, AUSTRALIA, 1988

Age at death (years)	Males						Females					
	Never Married	Married	Widowed	Divorced	Not stated	Total	Never Married	Married	Widowed	Divorced	Not stated	Total
Under 1	1,227	—	—	—	—	1,227	905	—	—	—	—	905
1-4	229	—	—	—	—	229	199	—	—	—	—	199
5-9	142	—	—	—	—	142	106	—	—	—	—	106
10-14	194	—	—	—	—	194	92	—	—	—	—	92
15-19	809	3	—	—	—	812	277	7	—	—	—	285
20-24	977	82	—	—	4	1,065	271	78	—	—	—	351
25-29	724	283	—	35	8	1,050	170	142	—	17	—	331
30-34	431	413	5	77	7	933	105	250	—	30	4	391
35-39	299	514	8	125	12	958	89	351	11	67	—	517
40-44	295	848	16	166	17	1,342	82	511	20	92	—	709
45-49	254	1,043	24	216	24	1,561	67	707	40	115	—	930
50-54	366	1,601	61	289	33	2,350	91	909	119	140	6	1,265
55-59	542	2,622	175	397	36	3,772	130	1,372	335	167	4	2,008
60-64	846	4,380	416	520	65	6,227	185	1,963	822	235	13	3,218
65-69	864	5,723	790	506	68	7,951	298	2,417	1,594	245	14	4,568
70-74	854	6,726	1,442	466	71	9,559	387	2,583	3,064	234	18	6,286
75-79	868	6,794	2,241	394	63	10,360	639	2,444	5,109	239	20	8,451
80-84	627	4,709	2,613	193	40	8,182	856	1,635	6,528	207	21	9,247
85-89	359	2,140	2,137	89	19	4,744	798	752	6,352	108	14	8,024
90-94	117	588	1,107	26	10	1,848	535	219	4,057	54	8	4,873
95 and over	28	122	409	7	—	566	233	51	1,719	20	3	2,026
Not stated	—	—	—	—	7	10	—	—	—	—	—	—
Total	11,054	38,592	11,445	3,507	484	65,082	6,517	16,391	29,772	1,972	132	54,784

TABLE 7. DEATHS: AGE AT DEATH, STATES AND TERRITORIES (USUAL RESIDENCE BASIS), 1988

Age group (years)	NSW	Vic.	Qld	SA	WA	Tas.	NT(a)	ACT	Australia
MALES									
Under 1	439	291	187	96	125	39	31	19	1,227
1-4	67	53	44	17	17	10	15	6	229
5-9	43	31	35	10	9	6	6	—	142
10-14	68	40	38	16	12	8	10	—	194
15-19	251	202	141	72	83	27	20	16	812
20-24	369	271	165	83	99	26	35	17	1,065
25-29	386	261	153	78	93	29	39	11	1,050
30-34	337	248	150	69	66	21	29	13	933
35-39	349	212	169	63	81	33	33	18	958
40-44	492	343	211	98	117	26	39	16	1,342
45-49	593	358	239	125	149	35	45	17	1,561
50-54	909	561	374	185	188	69	38	26	2,350
55-59	1,460	911	617	310	284	116	46	28	3,772
60-64	2,303	1,539	1,019	604	486	161	50	65	6,227
65-69	3,050	1,881	1,358	742	571	232	43	74	7,951
70-74	3,641	2,395	1,496	878	745	310	27	67	9,559
75-79	3,801	2,701	1,651	968	856	282	23	78	10,360
80-84	2,844	2,200	1,328	728	769	252	11	50	8,182
85-89	1,654	1,274	796	402	429	150	6	33	4,744
90-94	617	511	330	186	137	57	4	6	1,848
95 and over	198	141	96	63	47	19	—	—	566
Not stated	6	—	—	—	—	—	—	—	10
Total	23,877	16,426	10,597	5,793	5,363	1,908	552	566	65,082
FEMALES									
Under 1	336	195	152	56	89	26	35	16	905
1-4	60	49	40	11	24	5	8	—	199
5-9	33	19	30	10	—	4	6	—	106
10-14	29	16	26	4	9	—	3	4	92
15-19	102	77	40	25	22	7	9	3	285
20-24	107	94	56	26	30	13	20	5	351
25-29	115	85	50	22	32	13	10	4	331
30-34	133	107	67	19	31	11	19	4	391
35-39	169	131	84	43	51	15	18	8	519
40-44	254	180	111	47	49	30	18	18	707
45-49	366	224	155	67	70	20	18	10	930
50-54	500	299	214	80	101	41	17	13	1,265
55-59	743	515	319	178	153	59	21	20	2,008
60-64	1,239	824	471	303	237	94	29	21	3,218
65-69	1,756	1,151	697	401	338	155	25	45	4,568
70-74	2,483	1,564	936	576	455	188	26	58	6,286
75-79	3,271	2,230	1,212	739	654	263	13	69	8,451
80-84	3,534	2,476	1,338	835	765	229	11	59	9,247
85-89	2,976	2,225	1,152	771	585	261	9	45	8,024
90-94	1,812	1,340	747	479	322	139	6	28	4,873
95 and over	780	499	308	205	150	65	3	16	2,026
Not stated	—	—	—	—	—	—	—	—	—
Total	20,799	14,300	8,206	4,897	4,169	1,639	324	450	54,784

(a) 1988 figures for NT have been affected by a change in registration legislation. See paragraph 6 of Explanatory Notes.

TABLE 8. DEATHS: MONTH OF OCCURRENCE(a), NUMBER AND PROPORTION, AUSTRALIA, 1983 TO 1988

Month of occurrence	1983	1984(b)	1985(b)	1986	1987	1988
NUMBER						
January	8,647	8,529	8,821	8,714	9,289	9,187
February	7,483	8,021	7,557	7,805	8,197	8,505
March	8,494	8,739	8,618	8,943	9,335	9,296
April	8,654	8,592	9,016	8,777	9,142	9,210
May	9,120	9,468	10,111	9,509	9,886	10,184
June	9,933	9,784	10,946	10,406	10,144	10,805
July	10,794	10,787	12,515	11,121	11,231	11,466
August	10,657	10,642	11,579	10,739	11,088	11,173
September	9,578	10,492	10,474	9,841	10,727	10,033
October	9,036	10,021	9,722	9,818	10,153	9,509
November	8,825	9,064	9,065	9,102	9,352	8,508
December	8,925	9,162	9,381	9,539	9,479	3,466
Total	110,146	113,301	117,805	114,314	118,023	111,342
PROPORTION (percent)						
January	7.9	7.5	7.5	7.6	7.9	
February	6.8	7.1	6.4	6.8	6.9	
March	7.7	7.7	7.3	7.8	7.9	
April	7.9	7.6	7.7	7.7	7.7	
May	8.3	8.4	8.6	8.3	8.4	
June	9.0	8.6	9.3	9.1	8.6	
July	9.8	9.5	10.6	9.7	9.5	
August	9.7	9.4	9.8	9.4	9.4	
September	8.7	9.3	8.9	8.6	9.1	
October	8.2	8.8	8.3	8.6	8.6	
November	8.0	8.0	7.7	8.0	7.9	
December	8.1	8.1	8.0	8.3	8.0	
Total	100	100	100	100	100	

(a) Figures exclude deaths which occurred in the year shown but were not registered by the end of 1988. (b) The figures for 1984 and 1985 have been affected by late registrations in NSW. See paragraph 5 of the Explanatory Notes.

TABLE 9. SUMMARY OF PRINCIPAL CAUSES OF DEATH (PROPORTION) BY SEX, AUSTRALIA, 1983 TO 1988

Cause of death	1983	1984(a)	1985(a)	1986	1987	1988
MALES						
Infectious and parasitic diseases	0.5	0.5	0.5	0.5	0.5	0.6
Malignant neoplasms (cancer)	23.9	24.3	24.4	25.2	25.3	25.9
Ischaemic heart disease	30.2	29.8	29.1	29.0	28.3	27.3
Other heart diseases	4.9	4.9	5.0	4.8	5.0	4.8
Cerebrovascular disease (stroke)	8.5	8.5	8.2	8.0	8.0	7.7
Other diseases of the circulatory system	3.1	3.2	2.9	3.0	2.9	2.9
Diseases of the respiratory system	8.3	8.4	9.0	8.1	8.4	8.6
Diseases of the digestive system	3.4	3.3	3.2	3.3	3.3	3.3
All other diseases	8.3	8.8	9.1	9.1	9.4	9.7
Motor vehicle traffic accidents	3.4	3.2	3.2	3.4	3.1	3.3
All other accidents	2.9	2.6	2.6	2.5	2.6	2.6
Suicide	2.2	2.2	2.2	2.5	2.8	2.7
Other external causes	0.4	0.4	0.4	0.4	0.5	0.5
All causes	100	100	100	100	100	100
FEMALES						
Infectious and parasitic diseases	0.5	0.5	0.6	0.5	0.6	0.6
Malignant neoplasms (cancer)	22.4	22.6	21.9	23.1	22.7	23.2
Ischaemic heart disease	26.4	26.2	25.5	26.4	26.3	25.3
Other heart diseases	7.7	7.7	7.9	7.6	7.6	7.4
Cerebrovascular disease (stroke)	15.1	15.1	14.9	14.2	14.0	13.5
Other diseases of the circulatory system	3.9	4.0	3.8	3.6	3.6	3.6
Diseases of the respiratory system	5.6	5.6	6.3	5.5	5.9	6.2
Diseases of the digestive system	3.3	3.3	3.5	3.5	3.6	3.6
All other diseases	10.5	10.6	11.3	11.2	11.5	11.9
Motor vehicle traffic accidents	1.6	1.6	1.6	1.6	1.5	1.6
All other accidents	1.8	1.7	1.7	1.7	1.7	1.7
Suicide	0.8	0.8	0.7	0.9	0.9	0.9
Other external causes	0.3	0.3	0.3	0.3	0.3	0.4
All causes	100	100	100	100	100	100

(a) The figures for 1984 and 1985 have been affected by late registrations in NSW. See paragraph 5 of the Explanatory Notes.

TABLE 10. CAUSES OF DEATH: MALES, AUSTRALIA, 1983 TO 1988.

Cause of death (9th revision (1975) WHO International Classification of Diseases)	1983	1984(a)	1985(a)	1986	1987	1988
S1 Intestinal infectious diseases (001-009)	21	19	25	24	25	25
S2 Tuberculosis (010-018)	50	42	33	45	31	36
S3 Whooping cough (033)	—	—	—	—	—	—
S4 Meningococcal infection (036)	7	4	3	5	7	11
S5 Tetanus (037)	—	—	—	3	—	—
S6 Septicaemia (038)	87	82	97	121	112	136
S7 Smallpox (050)	—	—	—	—	—	—
S8 Measles (055)	—	—	4	3	—	—
S9 Malaria (084)	—	—	—	—	—	—
S10 All other infectious and parasitic diseases (Remainder of 001-139)	144	122	136	138	164	197
<i>S1-10 Infectious and parasitic diseases (001-139)</i>	<i>311</i>	<i>271</i>	<i>300</i>	<i>340</i>	<i>342</i>	<i>410</i>
S11 Malignant neoplasm of stomach (151)	885	805	902	874	830	879
S12 Malignant neoplasm of colon (153)	1,343	1,324	1,460	1,492	1,536	1,536
S13 Malignant neoplasm of rectum, rectosigmoid junction and anus (154)	563	544	599	603	608	657
S14 Malignant neoplasm of trachea, bronchus and lung (162)	4,233	4,226	4,470	4,351	4,456	4,631
S15 Malignant neoplasm of skin (172-173)	510	528	567	558	671	652
S18 Malignant neoplasm of prostate (185)	1,394	1,403	1,588	1,642	1,744	1,884
S19 Leukaemia (204-208)	538	547	607	585	556	611
S20 Other malignant neoplasms (Remainder of 140-208)	4,976	5,184	5,493	5,596	5,709	5,978
<i>S11-20 Malignant neoplasms (140-208)</i>	<i>14,462</i>	<i>14,561</i>	<i>15,686</i>	<i>15,701</i>	<i>16,110</i>	<i>16,828</i>
S21 Benign neoplasms and neoplasms of unspecified nature (210-239)	111	141	132	120	115	149
S22 Diabetes mellitus (250)	817	878	858	906	999	922
S23 Nutritional marasmus (261)	—	—	—	—	—	—
S24 Other protein-calorie malnutrition (262-263)	25	18	23	21	13	22
S25 Anaemias (280-285)	82	88	100	115	98	90
S26 Meningitis (320-322)	44	43	37	22	30	31
S27 Acute rheumatic fever (390-392)	—	3	—	—	—	—
S28 Chronic rheumatic heart disease (393-398)	135	127	149	130	139	147
S29 Hypertensive disease (401-405)	470	464	461	409	413	451
S30 Acute myocardial infarction (410)	13,195	12,836	13,274	12,968	12,570	12,245
S31 Other ischaemic heart disease (411-414)	5,066	5,031	5,367	5,089	5,418	5,492
S32 Other forms of heart disease (415, 416, 420-429)	2,523	2,516	2,787	2,663	2,763	2,716
S33 Cerebrovascular disease (430-438)	5,140	5,108	5,276	5,000	5,075	5,034
S34 Atherosclerosis (440)	510	495	424	387	386	377
S35 Other diseases of the circulatory system (417, 441-459)	1,190	1,217	1,267	1,302	1,316	1,315
<i>S27-35 Diseases of the circulatory system (390-459)</i>	<i>28,230</i>	<i>27,797</i>	<i>29,006</i>	<i>27,949</i>	<i>28,081</i>	<i>27,779</i>
S36 Pneumonia (480-486)	835	750	845	711	721	725
S37 Influenza (487)	50	34	147	14	39	62
S38 Bronchitis, emphysema and asthma (490-493)	1,388	1,432	1,535	1,367	1,459	1,448
S39 Other diseases of the respiratory system (460-478, 494-519)	2,738	2,794	3,215	2,941	3,097	3,379
<i>S36-39 Diseases of the respiratory system (460-519)</i>	<i>5,011</i>	<i>5,010</i>	<i>5,742</i>	<i>5,033</i>	<i>5,316</i>	<i>5,614</i>
S40 Ulcer of stomach and duodenum (531-533)	362	382	389	382	369	410
S41 Appendicitis (540-543)	13	7	17	18	14	16
S42 Chronic liver disease and cirrhosis (571)	825	849	838	852	863	851
S43 Nephritis, nephrotic syndrome and nephrosis (580-589)	428	455	520	454	467	556
S44 Hyperplasia of prostate (600)	68	96	94	83	72	74
S48 Congenital anomalies (740-759)	515	512	545	447	453	458
S49 Birth trauma (767)	27	25	31	22	16	18
S50 Hypoxia, birth asphyxia and other respiratory conditions (768-770)	232	226	284	243	224	235
S51 Other conditions originating in the perinatal period (760-766, 771-779)	245	218	235	242	234	258
<i>S49-51 Certain conditions originating in the perinatal period (760-779)</i>	<i>504</i>	<i>469</i>	<i>550</i>	<i>507</i>	<i>474</i>	<i>511</i>
S52 Signs, symptoms and ill-defined conditions (780-799)	413	451	480	450	485	457
S53 All other diseases (Remainder of 001-799)	2,854	2,902	3,348	3,337	3,579	3,923
S54 Motor vehicle traffic accidents (810-819)	2,058	1,933	2,083	2,132	1,995	2,176
S55 Accidental falls (880-888)	425	403	422	393	426	436
S56 All other accidents (Remainder of 800-949)	1,368	1,188	1,286	1,149	1,254	1,306
<i>S54-56 Accidents and adverse effects (800-949)</i>	<i>3,851</i>	<i>3,524</i>	<i>3,791</i>	<i>3,674</i>	<i>3,675</i>	<i>3,918</i>
S57 Suicide (950-959)	1,308	1,309	1,428	1,531	1,773	1,730
S58 Homicide (960-969)	174	181	195	192	188	241
S59 All other external causes (970-999)	41	42	76	74	94	91
All causes (001-999)	60,450	59,987	64,156	62,210	63,611	65,082

(a) The figures for 1984 and 1985 have been affected by late registrations in NSW. See paragraph 5 of Explanatory Notes.

TABLE 11. CAUSES OF DEATH: FEMALES, AUSTRALIA, 1983 TO 1988

Cause of death (9th revision (1975) <i>W.H.O. International Classification of Diseases</i>)	1983	1984(a)	1985(a)	1986	1987	1988
S1 Intestinal infectious diseases (001-009)	33	22	29	23	23	28
S2 Tuberculosis (010-018)	25	16	18	16	23	18
S3 Whooping cough (033)	—	—	3	—	—	—
S4 Meningococcal infection (036)	—	3	6	4	9	12
S5 Tetanus (037)	—	—	—	—	—	—
S6 Septicaemia (038)	89	88	140	116	141	133
S7 Smallpox (050)	—	—	—	—	—	—
S8 Measles (055)	—	—	—	—	5	4
S9 Malaria (084)	—	—	—	—	—	—
S10 All other infectious and parasitic diseases (Remainder of 001-139)	111	112	124	95	100	128
<i>S1-10 Infectious and parasitic diseases (001-139)</i>	264	246	323	258	302	323
S11 Malignant neoplasm of stomach (151)	565	537	525	508	496	525
S12 Malignant neoplasm of colon (153)	1,445	1,376	1,525	1,600	1,577	1,546
S13 Malignant neoplasm of rectum, rectosigmoid junction and anus (154)	407	404	458	437	429	408
S14 Malignant neoplasm of trachea, bronchus and lung (162)	1,172	1,165	1,260	1,351	1,296	1,538
S15 Malignant neoplasm of skin (172-173)	325	311	318	326	336	351
S16 Malignant neoplasm of female breast (174)	2,033	2,085	2,207	2,230	2,258	2,348
S17 Malignant neoplasm of cervix uteri (180)	337	334	366	350	336	350
S19 Leukaemia (204-208)	421	414	466	439	436	461
S20 Other malignant neoplasms (Remainder of 140-208)	4,420	4,633	4,858	4,953	5,024	5,207
<i>S11-20 Malignant neoplasms (140-208)</i>	11,125	11,259	11,983	12,194	12,188	12,734
S21 Benign neoplasms and neoplasms of unspecified nature (210-239)	147	144	147	141	144	176
S22 Diabetes mellitus (250)	875	960	1,058	1,052	1,068	1,081
S23 Nutritional marasmus (261)	—	—	4	—	—	3
S24 Other protein-calorie malnutrition (262-263)	22	31	26	21	30	24
S25 Anaemias (280-285)	133	106	132	137	144	139
S26 Meningitis (320-322)	35	23	30	22	33	40
S27 Acute rheumatic fever (390-392)	3	4	—	5	—	—
S28 Chronic rheumatic heart disease (393-398)	246	287	280	264	253	258
S29 Hypertensive disease (401-405)	641	621	722	676	645	672
S30 Acute myocardial infarction (410)	9,171	9,084	9,564	9,696	9,486	9,323
S31 Other ischaemic heart disease (411-414)	3,956	4,000	4,398	4,250	4,619	4,524
S32 Other forms of heart disease (415, 416, 420-429)	3,175	3,162	3,614	3,323	3,440	3,421
S33 Cerebrovascular disease (430-438)	7,512	7,552	8,133	7,491	7,493	7,407
S34 Atherosclerosis (440)	953	974	985	757	780	727
S35 Other diseases of the circulatory system (417, 441-459)	774	808	825	854	879	968
<i>S27-35 Diseases of the circulatory system (390-459)</i>	26,431	26,492	28,522	27,316	27,597	27,301
S36 Pneumonia (480-486)	842	873	947	775	850	823
S37 Influenza (487)	76	45	253	32	45	97
S38 Bronchitis, emphysema and asthma (490-493)	706	716	894	777	894	869
S39 Other diseases of the respiratory system (460-478, 494-519)	1,141	1,158	1,328	1,303	1,386	1,633
<i>S36-39 Diseases of the respiratory system (460-519)</i>	2,765	2,792	3,422	2,887	3,175	3,422
S40 Ulcer of stomach and duodenum (531-533)	295	332	420	404	472	432
S41 Appendicitis (540-543)	16	11	14	10	19	16
S42 Chronic liver disease and cirrhosis (571)	337	263	330	318	319	309
S43 Nephritis, nephrotic syndrome and nephrosis (580-589)	608	605	645	652	662	708
<i>S45-47 Complications of pregnancy, childbirth and puerperium (630-676)</i>	15	18	11	15	13	12
S48 Congenital anomalies (740-759)	467	370	437	394	364	406
S49 Birth trauma (767)	8	13	16	8	16	16
S50 Hypoxia, birth asphyxia and other respiratory conditions (768-770)	182	155	227	162	140	167
S51 Other conditions originating in the perinatal period (760-766, 771-779)	221	186	198	187	186	200
<i>S49-51 Certain conditions originating in the perinatal period (760-779)</i>	411	354	441	357	342	383
S52 Signs, symptoms and ill-defined conditions (780-799)	297	326	340	343	321	326
S53 All other diseases (Remainder of 001-799)	3,175	3,400	4,038	3,891	4,175	4,453
S54 Motor vehicle traffic accidents (810-819)	773	781	850	855	788	902
S55 Accidental falls (880-888)	438	499	514	487	560	522
S56 All other accidents (Remainder of 800-949)	449	372	415	416	361	409
<i>S54-56 Accidents and adverse effects (800-949)</i>	1,660	1,652	1,779	1,758	1,709	1,833
S57 Suicide (950-959)	418	403	399	451	467	467
S58 Homicide (960-969)	120	118	119	123	131	154
S59 All other external causes (970-999)	18	22	32	25	33	42
All causes (001-999)	49,634	49,927	54,652	52,771	53,710	54,784

(a) The figures for 1984 and 1985 have been affected by late registrations in NSW. See paragraph 5 of Explanatory Notes.

TABLE 12. DEATHS: OCCUPATION AND AGE GROUP OF MALES AGED 15 TO 64, AUSTRALIA, 1988

Occupation	Age group (years)					Total
	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64	
Professional, technical and related workers	52	143	206	314	586	1,301
Administrative, executive and managerial workers	39	88	224	389	776	1,516
Clerical workers	52	72	92	142	404	762
Sales workers	52	63	131	217	397	860
Farmers, fishermen, hunters, timber getters and related workers	98	114	110	232	635	1,189
Miners, quarrymen and related workers	13	14	16	26	77	146
Workers in transport and communication	65	130	191	322	691	1,399
Craftsmen, production process workers and labourers, n.e.c.	681	740	700	1,261	2,978	6,360
Service, sport and recreation workers	68	111	93	155	460	887
Members of armed services	26	16	14	13	25	94
Persons not in the workforce	620	362	368	628	2,485	4,463
Not stated	111	130	155	212	485	1,093
Total	1,877	1,983	2,300	3,911	9,999	20,070

TABLE 13. DEATHS: COUNTRY OF BIRTH BY DURATION OF RESIDENCE, AUSTRALIA, 1988

Country of birth	Duration of residence (years)					Total
	Less than 5	5 - 9	10 or more	Not stated	Not applicable	
AFRICA-						
Egypt	10	6	273	16	—	305
South Africa	31	18	153	43	—	245
Other	15	6	102	7	—	130
Total	56	30	528	66	—	680
AMERICA-						
Canada	10	5	72	17	—	104
U.S.A.	22	8	128	48	—	206
Other	25	8	96	15	—	144
Total	57	21	296	80	—	454
ASIA-						
Burma	3	3	47	4	—	57
China	105	83	213	41	—	442
Cyprus	5	—	92	10	—	109
India	36	27	311	42	—	416
Indonesia	22	10	61	17	—	110
Lebanon	26	10	152	23	—	211
Malaysia	31	15	43	11	—	100
Sri Lanka	29	7	93	18	—	147
Turkey	22	6	128	11	—	167
Vietnam	49	55	10	9	—	123
Other	121	63	217	33	—	434
Total	449	281	1,367	219	—	2,316
EUROPE-						
Austria	8	4	228	15	—	255
Czechoslovakia	7	4	185	29	—	225
Finland	—	—	53	17	—	72
Germany(a)	42	22	741	128	—	933
Greece	32	21	740	42	—	835
Hungary	3	5	373	48	—	429
Italy	38	44	2,270	207	—	2,559
Malta	6	6	386	31	—	429
Netherlands	21	14	741	125	—	901
Poland	29	26	954	133	—	1,142
U.K. & Ireland	498	486	11,965	2,227	—	15,176
U.S.S.R.(b)	20	30	952	122	—	1,124
Yugoslavia	33	17	799	71	—	920
Other	46	23	483	98	—	650
Total	785	702	20,870	3,293	—	25,650
OCEANIA-						
Australia	—	—	—	—	88,509	88,509
New Zealand	125	89	408	328	—	1,150
Other	64	29	83	56	—	232
Total	189	118	691	384	88,509	89,891
Other and not stated	157	—	120	597	—	875
Total	1,693	1,153	23,872	4,639	88,509	119,866

(a) Includes the Democratic Republic, the Federal Republic and Germany, so described. (b) Includes Estonia, Latvia, Lithuania and Ukraine for the purposes of this table.

TABLE 14. INFANT DEATHS: STATES AND TERRITORIES (USUAL RESIDENCE BASIS), 1981 TO 1988

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia
Annual averages - 1981 - 1985	820	569	405	179	204	81	58	39	2,354
Annual totals -									
1983	827	543	417	183	179	80	57	41	2,327
1984(a)	721	525	364	152	232	84	44	41	2,167
1985(a)	860	601	411	188	209	93	58	32	2,452
1986	759	517	351	146	214	79	53	35	2,154
1987	731	498	366	165	196	68	55	37	2,116
1988	775	486	339	152	214	65	66(b)	35	2,132

(a) The figures for 1984 and 1985 have been affected by late registrations in NSW. See paragraph 5 of the Explanatory Notes. (b) 1988 figure for NT has been affected by a change in registration legislation. See paragraph 6 of Explanatory Notes.

TABLE 15. INFANT MORTALITY RATES (a): STATES AND TERRITORIES (USUAL RESIDENCE BASIS), 1981 TO 1988

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia
Annual averages - 1981 - 1985	9.9	9.5	10.0	9.1	9.1	11.3	18.6	9.4	9.8
Annual rates -									
1983	9.9	9.1	9.9	9.2	7.7	11.3	18.2	9.9	9.6
1984(b)	9.1	8.8	9.0	7.6	10.7	11.8	13.8	10.2	9.2
1985(b)	10.0	9.8	10.2	9.5	9.0	12.8	17.5	7.6	10.0
1986	9.0	8.6	8.7	7.4	8.8	11.4	16.0	8.5	8.8
1987	8.5	8.1	9.3	8.6	8.4	10.0	15.6	9.0	8.7
1988	9.2	7.8	8.4	7.9	8.5	9.6	(c)	8.1	8.7

(a) Per 1,000 live births. (b) These rates are adjusted for late registrations in NSW of both births and deaths. See paragraph 5 of the Explanatory Notes in this publication and paragraph 4 of the Explanatory Notes in the publication *Infants, Australia, 1988 (3301.0)*. (c) Rate for NT is not calculated because the number of infant deaths recorded in the NT was affected by a change in registration regulations in NT. See paragraph 6 of Explanatory Notes.

TABLE 16. INFANT DEATHS: MONTH OF OCCURRENCE (a), NUMBER AND PROPORTION, AUSTRALIA, 1983 TO 1988

Month of occurrence	1983	1984(b)	1985(b)	1986	1987	1988
NUMBER						
January	170	159	180	159	165	179
February	171	148	150	179	168	172
March	193	170	218	149	172	139
April	220	182	171	166	157	166
May	197	201	220	190	204	170
June	202	195	220	195	191	177
July	240	230	218	214	210	190
August	226	221	228	226	207	169
September	193	224	226	168	179	141
October	192	200	214	178	181	138
November	159	176	162	159	179	108
December	181	169	178	149	173	27
Total	2,344	2,275	2,385	2,132	2,186	1,776
PROPORTION (percent)						
January	7.3	7.0	7.6	7.5	7.5	
February	7.3	6.5	6.3	8.4	7.7	
March	8.2	7.5	9.1	7.0	7.9	
April	9.4	8.0	7.2	7.8	7.2	
May	8.4	8.8	9.2	8.9	9.3	
June	8.6	8.6	9.2	9.1	8.7	
July	10.2	10.1	9.1	10.0	9.6	
August	9.6	9.7	9.6	10.6	9.5	
September	8.2	9.8	9.5	7.9	8.2	
October	8.2	8.8	9.0	8.3	8.3	
November	6.8	7.7	6.8	7.5	8.2	
December	7.7	7.4	7.5	7.0	7.9	
Total	100	100	100	100	100	

(a) Figures exclude deaths which occurred in the year shown but were not registered by the end of 1988. (b) The figures for 1984 and 1985 have been affected by late registrations in NSW. See paragraph 5 of the Explanatory Notes.

TABLE 17. INFANT DEATHS: AGE AT DEATH, AUSTRALIA, 1956 TO 1988

	Neonatal under four weeks						
	Early neonatal			Late neonatal: one week and under four weeks	Total neonatal: under four weeks	Post neonatal: four weeks and under one year	Total under one year
	Under one day	One day and under one week	Total under one week				
MALES							
Annual averages -							
1956 - 1960	972	705	1,677	244	1,921	741	2,662
1961 - 1965	986	691	1,677	210	1,887	709	2,596
1966 - 1970	987	680	1,667	181	1,848	667	2,515
1971 - 1975	984	552	1,536	163	1,699	680	2,379
1976 - 1980	618	292	910	151	1,061	498	1,559
1981 - 1985	472	222	694	146	840	508	1,348
Annual totals -							
1983	469	207	676	121	797	505	1,302
1984(a)	410	212	622	133	755	504	1,259
1985(a)	445	235	680	174	854	544	1,398
1986	432	194	626	146	772	472	1,244
1987	379	190	569	145	714	521	1,235
1988	425	199	624	117	741	496	1,227
FEMALES							
Annual averages -							
1956 - 1960	765	490	1,255	177	1,432	589	2,021
1961 - 1965	723	496	1,219	154	1,373	555	1,928
1966 - 1970	709	445	1,154	139	1,293	541	1,834
1971 - 1975	715	374	1,089	143	1,232	505	1,737
1976 - 1980	471	218	689	119	808	364	1,172
1981 - 1985	355	170	525	116	641	366	1,007
Annual totals -							
1983	386	160	546	118	664	361	1,025
1984(a)	309	128	437	90	527	377	904
1985(a)	353	194	547	131	678	376	1,054
1986	296	145	441	109	550	360	910
1987	298	140	438	98	536	345	881
1988	297	142	439	115	554	351	905
TOTAL							
Annual averages -							
1956 - 1960	1,737	1,195	2,932	421	3,353	1,330	4,683
1961 - 1965	1,709	1,187	2,896	364	3,260	1,264	4,524
1966 - 1970	1,696	1,125	2,821	320	3,141	1,208	4,349
1971 - 1975	1,698	926	2,624	306	2,930	1,185	4,115
1976 - 1980	1,089	510	1,599	270	1,869	862	2,731
1981 - 1985	827	392	1,219	262	1,481	873	2,354
Annual totals -							
1983	855	367	1,222	239	1,461	866	2,327
1984(a)	719	340	1,059	223	1,282	881	2,163
1985(a)	799	429	1,228	305	1,532	920	2,452
1986	728	339	1,067	255	1,322	832	2,154
1987	677	330	1,007	243	1,250	866	2,116
1988	722	341	1,063	232	1,295	837	2,132

(a) The figures for 1984 and 1985 have been affected by late registrations in NSW. See paragraph 5 of the Explanatory Notes.

TABLE 18. INFANT MORTALITY RATES(a): AGE AT DEATH, AUSTRALIA, 1956 TO 1988

	Neonatal under four weeks						
	Early neonatal			Late neonatal one week and under four weeks	Total neonatal- under four weeks	Post neonatal four weeks and under one year	Total under one year
	Under one day	One day and under one week	Total under one week				
MALES							
Average annual rates -							
1956 - 1960	8.5	6.2	14.7	2.1	16.8	6.5	23.3
1961 - 1965	8.2	5.8	14.0	1.8	15.8	5.9	21.7
1966 - 1970	8.0	5.5	13.5	1.5	15.0	5.4	20.4
1971 - 1975	7.6	4.2	11.8	1.3	13.0	5.2	18.3
1976 - 1980	5.3	2.5	7.8	1.3	9.2	4.3	13.5
1981 - 1985	3.8	1.8	5.6	1.2	6.8	4.1	11.0
Annual totals -							
1983	3.8	1.7	5.4	1.0	6.4	4.1	10.5
1984(b)	3.4	1.8	5.2	1.1	6.3	4.2	10.5
1985(b)	3.5	1.9	5.4	1.4	6.8	4.3	11.1
1986	3.5	1.6	5.0	1.2	6.2	3.8	10.0
1987	3.0	1.5	4.5	1.2	5.7	4.2	9.9
1988	3.4	1.6	4.9	0.9	5.9	3.9	9.7
FEMALES							
Average annual rates -							
1956 - 1960	7.1	4.5	11.6	1.6	13.2	5.5	18.7
1961 - 1965	6.4	4.4	10.8	1.4	12.1	4.9	17.7
1966 - 1970	6.1	3.8	9.9	1.2	11.1	4.6	15.7
1971 - 1975	5.8	3.0	8.8	1.2	10.0	4.1	14.1
1976 - 1980	4.3	2.0	6.3	1.1	7.4	3.3	10.7
1981 - 1985	3.0	1.5	4.5	1.0	5.5	3.1	8.6
Annual totals -							
1983	3.3	1.4	4.6	1.0	5.6	3.1	8.7
1984(b)	2.7	1.1	3.8	0.8	4.6	3.3	7.9
1985(b)	3.0	1.6	4.6	1.1	5.7	3.1	8.8
1986	2.5	1.2	3.7	0.9	4.6	3.0	7.7
1987	2.5	1.2	3.7	0.8	4.5	2.9	7.4
1988	2.5	1.2	3.7	1.0	4.6	2.9	7.5
TOTAL							
Average annual rates -							
1956 - 1960	7.8	5.4	13.2	1.9	15.1	6.0	21.1
1961 - 1965	7.3	5.1	12.4	1.6	14.0	5.4	19.4
1966 - 1970	7.1	4.7	11.7	1.3	13.1	5.0	18.1
1971 - 1975	6.7	3.7	10.4	1.2	11.6	4.7	16.2
1976 - 1980	4.8	2.3	7.1	1.2	8.3	3.8	12.1
1981 - 1985	3.4	1.6	5.1	1.1	6.2	3.6	9.8
Annual totals -							
1983	3.5	1.5	5.0	1.0	6.0	3.6	9.6
1984(b)	3.1	1.5	4.5	1.0	5.5	3.7	9.2
1985(b)	3.3	1.8	5.0	1.2	6.2	3.7	10.0
1986	3.0	1.4	4.4	1.0	5.4	3.4	8.8
1987	2.8	1.4	4.1	1.0	5.1	3.6	8.7
1988	2.9	1.4	4.3	0.9	5.3	3.4	8.7

(a) Per 1,000 live births. (b) These rates are adjusted for late registrations in NSW of both births and deaths. See paragraph 5 of the Explanatory Notes in this publication and paragraph 4 of the Explanatory Notes in the publication Births, Australia, 1988 (3301.0).

TABLE 19. INFANT DEATHS: AGE AT DEATH, STATES AND TERRITORIES (USUAL RESIDENCE BASIS), 1988

Age at death	NSW	Vic	Qld	SA	WA	Tas.	NT(a)	ACT	Australia
MALES									
Under 1 day	139	93	79	30	47	13	15	9	425
1 day and under 1 week	79	53	21	17	20	5	—	—	199
Total under 1 week	218	146	100	47	67	18	17	11	624
1 week and under 4 weeks	38	32	19	10	12	5	—	—	117
Total neonatal - under 4 weeks	256	178	119	57	79	23	17	12	741
Total post neonatal - 1 month and under 12 months	183	113	68	39	46	16	14	7	486
Total under 1 year	439	291	187	96	125	39	31	19	1,227
FEMALES									
Under 1 day	109	56	58	22	30	9	7	6	297
1 day and under 1 week	52	32	25	9	11	3	7	3	142
Total under 1 week	161	88	83	31	41	12	14	9	439
1 week and under 4 weeks	42	30	21	7	8	—	4	—	115
Total neonatal - under 4 weeks	203	118	104	38	49	14	18	10	554
Total post neonatal - 1 month and under 12 months	133	77	48	18	40	12	17	6	351
Total under 1 year	336	195	152	56	89	26	35	16	905

(a) 1988 figures for NT have been affected by a change in registration legislation. See paragraph 6 of Explanatory Notes.

TABLE 20. INFANT MORTALITY RATES(a): AGE AT DEATH, STATES AND TERRITORIES (USUAL RESIDENCE BASIS), 1988

Age at death	NSW	Vic	Qld	SA	WA	Tas.	NT	ACT	Australia
Under 1 day	2.9	2.4	3.4	2.7	3.1	3.2	(b)	3.5	2.9
1 day and under 1 week	1.5	1.4	1.1	1.4	1.2	1.2	(b)	1.2	1.4
Total under 1 week	4.5	3.8	4.5	4.1	4.3	4.4	(b)	4.6	4.3
1 week and under 4 weeks	0.9	1.0	1.0	0.9	0.8	1.0	(b)	0.5	0.9
Total neonatal - under 4 weeks	5.4	4.8	5.5	5.0	5.1	5.5	(b)	5.1	5.3
Total post neonatal - 1 month and under 12 months	3.7	3.1	2.9	3.0	3.4	4.1	(b)	3.0	3.4
Total under 1 year	9.2	7.8	8.4	7.9	8.5	9.6	(b)	8.1	8.7

(a) Per 1,000 live births. (b) Rate for NT is not calculated because the number of infant deaths recorded in the NT was affected by a change in registration regulations in NT. See paragraph 6 of Explanatory Notes.

TABLE 21. DEATHS: STATES AND TERRITORIES OF REGISTRATION, 1956 TO 1988

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia
MALES									
Annual averages -									
1956 - 1960	19,119	13,166	7,049	4,272	3,251	1,505	90	113	48,565
1961 - 1965	20,866	14,575	7,967	4,686	3,524	1,668	113	172	53,571
1966 - 1970	22,822	15,998	9,069	5,320	4,195	1,816	321	296	59,838
1971 - 1975	22,959	16,449	9,683	5,496	4,538	1,859	383	396	61,763
1976 - 1980	22,202	16,161	9,561	5,371	4,551	1,856	391	488	60,580
1981 - 1985	22,327	16,035	10,130	5,554	4,782	1,903	434	553	61,717
Annual totals -									
1983	21,800	15,765	9,816	5,470	4,785	1,832	472	510	60,450
1984	(a) 21,102	15,796	9,868	5,563	4,817	1,945	327	569	(a) 59,987
1985	(a) 23,731	16,428	10,533	5,601	4,942	1,946	414	561	(a) 64,156
1986	22,515	15,910	10,072	5,600	5,257	1,812	437	607	62,210
1987	22,525	16,663	10,580	5,781	5,060	1,953	451	598	63,611
1988	23,763	16,353	10,656	5,825	5,353	1,884	586 (b)	662	65,082
FEMALES									
Annual averages -									
1956 - 1960	14,883	11,087	4,959	3,460	2,273	1,163	27	71	37,923
1961 - 1965	16,648	11,994	5,603	3,702	2,520	1,271	38	118	41,894
1966 - 1970	18,427	13,267	6,642	4,242	3,013	1,415	219	201	47,426
1971 - 1975	18,833	13,856	7,161	4,397	3,230	1,479	208	289	49,453
1976 - 1980	18,197	13,394	7,069	4,386	3,373	1,450	208	370	48,448
1981 - 1985	18,832	13,908	7,631	4,589	3,602	1,551	(240)	447	50,799
Annual totals -									
1983	18,523	13,555	7,384	4,412	3,574	1,479	266	441	49,634
1984	(a) 18,012	13,697	7,654	4,565	3,697	1,604	(223)	475	(a) 49,927
1985	(a) 20,313	14,829	8,227	4,942	3,921	1,713	237	470	(a) 54,652
1986	19,521	14,152	7,890	4,777	4,058	1,623	234	516	52,771
1987	19,478	14,820	8,389	4,783	3,828	1,655	230	527	53,710
1988	20,706	14,290	8,247	4,891	4,160	1,635	334 (b)	521	54,784
TOTAL									
Annual averages -									
1956 - 1960	34,002	24,253	12,008	7,732	5,524	2,668	117	184	86,488
1961 - 1965	37,514	26,569	13,570	8,388	6,044	2,939	151	290	95,465
1966 - 1970	41,249	29,265	15,711	9,562	7,208	3,231	540	497	107,263
1971 - 1975	41,792	30,305	16,844	9,893	7,768	3,338	591	685	111,216
1976 - 1980	40,399	29,556	16,630	9,757	7,924	3,306	599	857	109,028
1981 - 1985	41,158	29,943	17,761	10,143	8,383	3,454	673	1,000	112,516
Annual totals -									
1983	40,323	29,320	17,200	9,882	8,359	3,311	738	951	110,084
1984	(a) 39,114	29,493	17,522	10,128	8,514	3,549	550	1,044	(a) 109,914
1985	(a) 44,044	31,257	18,760	10,543	9,863	3,659	651	1,031	(a) 118,808
1986	42,036	30,062	17,962	10,377	9,315	3,435	671	1,123	114,981
1987	42,003	31,483	18,969	10,564	8,888	3,608	681	1,125	117,321
1988	44,469	30,643	18,903	10,716	9,513	3,519	920 (b)	1,183	119,866

(a) The figures for NSW and Australia have been affected by late registrations in NSW. See paragraph 5 of the Explanatory Notes. (b) 1988 figures for NT have been affected by a change in registration legislation. See paragraph 6 of Explanatory Notes.

TABLE 22. DEATHS: AGE AT DEATH, STATES AND TERRITORIES OF REGISTRATION, 1988

Age group (years)	NSW	Vic.	Qld	SA	WA	Tas.	NT (a)	ACT	Australia
MALES									
Under 1	431	297	185	97	126	36	30	25	1,227
1-4	66	52	47	17	16	10	16	5	229
5-9	45	30	38	9	8	5	6	—	142
10-14	67	39	39	16	12	8	11	—	194
15-19	256	199	138	74	81	27	21	16	812
20-24	382	263	162	83	96	24	41	14	1,065
25-29	392	249	152	81	90	29	45	12	1,050
30-34	327	241	157	76	69	21	26	16	933
35-39	353	208	169	63	78	33	36	18	958
40-44	489	339	210	106	118	26	39	15	1,342
45-49	592	354	243	127	147	33	46	19	1,561
50-54	901	557	379	183	189	67	40	34	2,350
55-59	1,449	902	624	316	281	115	47	38	3,772
60-64	2,291	1,536	1,016	608	486	157	54	79	6,227
65-69	3,028	1,884	1,364	743	572	228	46	86	7,951
70-74	3,593	2,398	1,516	873	747	309	31	92	9,559
75-79	3,785	2,683	1,672	974	856	279	25	86	10,360
80-84	2,841	2,196	1,329	728	768	251	14	55	8,182
85-89	1,660	1,270	788	403	429	150	6	38	4,744
90-94	615	512	331	185	137	57	4	7	1,848
95 and over	194	142	97	63	47	19	—	4	566
Not stated	6	—	—	—	—	—	—	—	10
Total	23,763	16,353	10,656	5,825	5,353	1,884	586	662	65,082
FEMALES									
Under 1	330	197	154	58	86	24	37	19	905
1-4	59	48	42	11	24	4	9	—	199
5-9	35	20	31	9	—	4	4	—	106
10-14	27	16	28	4	9	—	3	4	92
15-19	103	76	41	22	22	7	10	4	285
20-24	115	90	54	25	30	12	20	5	351
25-29	120	85	50	22	26	13	12	3	331
30-34	135	105	68	18	32	11	18	4	391
35-39	165	132	85	44	51	15	17	10	519
40-44	255	179	111	48	49	29	18	18	707
45-49	357	223	160	69	69	20	19	13	930
50-54	487	303	214	82	103	41	16	19	1,265
55-59	736	514	323	179	152	59	22	23	2,008
60-64	1,218	832	474	299	239	94	29	33	3,218
65-69	1,752	1,148	710	394	332	154	28	50	4,568
70-74	2,464	1,558	941	577	457	188	27	74	6,286
75-79	3,262	2,218	1,218	741	655	263	15	79	8,451
80-84	3,513	2,478	1,347	835	764	232	12	66	9,247
85-89	2,980	2,227	1,143	771	585	260	9	49	8,024
90-94	1,814	1,340	745	478	323	139	6	28	4,873
95 and over	778	501	307	205	150	65	3	17	2,026
Not stated	—	—	—	—	—	—	—	—	—
Total	20,706	14,290	8,247	4,891	4,160	1,635	334	521	54,784

(a) 1988 figures for NT have been affected by a change in registration legislation. See paragraph 6 of Explanatory Notes.

TABLE 23. INFANTS DEATHS: STATES AND TERRITORIES OF REGISTRATION, 1956 TO 1988

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia
Annual averages -									
1956 - 1960	1,770	1,205	717	410	362	176	25	18	4,683
1961 - 1965	1,685	1,168	696	408	350	156	27	34	4,524
1966 - 1970	1,567	1,071	669	354	393	127	117	51	4,349
1971 - 1975	1,505	982	656	309	361	126	109	68	4,115
1976 - 1980	967	643	445	215	248	89	65	58	2,731
1981 - 1985	796	580	414	184	203	77	56	45	2,354
Annual totals -									
1983	805	561	426	189	177	74	52	43	2,327
1984	(a)705	525	368	158	230	81	44	52	(a)2,163
1985	(a)840	613	418	194	209	87	55	36	(a)2,452
1986	751	529	355	146	212	74	51	36	2,154
1987	715	503	375	168	195	65	55	40	2,116
1988	761	494	339	155	212	60	67 (b)	44	2,132

(a) The figures for NSW and Australia have been affected by late registrations in NSW. See paragraph 5 of the Explanatory Notes. (b) 1988 figure for NT has been affected by a change in registration legislation. See paragraph 6 of Explanatory Notes.

TABLE 24. INFANT DEATHS: AGE AT DEATH, STATES AND TERRITORIES OF REGISTRATION, 1988

Age at death	NSW	Vic.	Qld	SA	WA	Tas.	NT (a)	ACT	Australia
MALES									
Under 1 day	133	96	78	32	48	12	15	11	425
1 day and under 1 week	78	54	20	16	20	5	—	4	199
<i>Total under 1 week</i>	<i>211</i>	<i>150</i>	<i>98</i>	<i>48</i>	<i>68</i>	<i>17</i>	<i>17</i>	<i>15</i>	<i>624</i>
1 week and under 4 weeks	37	34	19	10	12	3	—	—	117
<i>Total neonatal - under 4 weeks</i>	<i>248</i>	<i>184</i>	<i>117</i>	<i>58</i>	<i>80</i>	<i>20</i>	<i>17</i>	<i>17</i>	<i>741</i>
Total post neonatal - 1 month and under 12 months	183	113	68	39	46	16	13	8	486
Total under 1 year	431	297	185	97	126	36	30	25	1,227
FEMALES									
Under 1 day	104	60	58	21	29	9	8	8	297
1 day and under 1 week	50	30	26	12	11	—	7	4	142
<i>Total under 1 week</i>	<i>154</i>	<i>90</i>	<i>84</i>	<i>33</i>	<i>40</i>	<i>11</i>	<i>15</i>	<i>12</i>	<i>439</i>
1 week and under 4 weeks	40	30	22	7	8	—	4	—	115
<i>Total neonatal - under 4 weeks</i>	<i>194</i>	<i>120</i>	<i>106</i>	<i>40</i>	<i>48</i>	<i>13</i>	<i>19</i>	<i>14</i>	<i>554</i>
Total post neonatal - 1 month and under 12 months	136	77	48	18	38	11	18	5	351
Total under 1 year	330	197	154	58	86	24	37	19	905

(a) 1988 figures for NT have been affected by a change in registration legislation. See paragraph 6 of Explanatory Notes.

TABLE 25. DEATHS: STATES AND TERRITORIES OF USUAL RESIDENCE AND STATES AND TERRITORIES OF REGISTRATION, 1988

States and Territories of usual residence	States and Territories of registration								
	NSW	Vic.	Qld	SA	WA	Tas.	NT (a)	ACT	Australia
NSW	43,943	204	234	51	15	8	12	209	44,676
Vic.	212	30,324	99	50	12	8	15	6	30,726
Qld	210	35	18,534	5	4	—	9	5	18,803
SA	26	36	12	10,580	7	—	24	3	10,690
WA	13	14	8	6	9,473	—	16	—	9,532
Tas.	11	27	6	4	—	3,498	—	—	3,547
NT (a)	5	—	5	19	—	—	843	—	876
ACT	49	—	5	—	—	—	—	959	1,016
Australia	44,469	30,643	18,903	10,716	9,513	3,519	920	1,183	119,866

(a) 1988 figures for NT have been affected by a change in registration legislation. See paragraph 6 of Explanatory Notes.

EXPLANATORY NOTES

Introduction

The registration of deaths is the responsibility of the individual State and Territory Registrars and is based on information supplied by a relative or another person acquainted with the deceased, but may be supplied by an official of the institution where the death occurred, and on information supplied by a medical practitioner as to the cause of death. This information is supplied to the ABS, by individual Registrars, for compilation into the aggregate statistics in this publication.

Date of occurrence and date of registration

2. With the exception of Tables 8 and 16, the statistics in this publication refer to deaths registered during the year shown by the State and Territory Registrars. There is usually an interval between the occurrence and registration of a death, and as a result of delays in registration, some deaths occurring in one year are not registered until the following year or even later. However, almost all deaths are usually registered within 6 months of occurrence.

Statistics for States and Territories

3. Statistics for States and Territories have been compiled and presented in respect of the State or Territory of usual residence of the deceased, regardless of where in Australia the death occurred and was registered.

4. To aid comparison between the two formats summary statistics on the basis of registration are presented in Tables 21 to 24. Table 25 shows the number of deaths cross-classified by State or Territory of usual residence and State or Territory of registration.

5. In 1984 there were abnormal delays in the registration process in NSW. The estimated number of registrations of deaths which normally would have been expected in NSW in 1984 was 41,089, some 2,000 more than the actual registrations of 39,114. This backlog of registrations was made up during 1985, resulting in 44,044 registrations of deaths, some 2,000 more than would have been expected for the year. The effect of this is shown in the table below.

	1984		1985	
	Actual	Estimated normal	Actual	Estimated normal
Number-				
NSW (State of Registration)	39,114	41,089	44,044	42,069
NSW (State of Usual Residence basis)	39,302	41,258	44,264	42,308
Australia	109,914	111,889	118,808	116,833
Crude death rate-				
NSW (State of Usual Residence basis)	7.3	7.6	8.1	7.7
Australia	7.1	7.2	7.5	7.4

6. In 1988 revisions were made to Northern Territory legislation to enable the registration of a death prior to the certification of cause. As a result deaths registered in the Northern Territory during 1988 included a number of deaths which would not necessarily have been registered in 1988 under the former legislation. The 35 per cent increase in registered deaths over the previous year in part reflects this effect. This should be borne in mind in interpreting statistics for 1988 and comparing them with earlier years.

Exclusions

7. Figures in this publication do not include fetal deaths (stillbirths). A *fetal death* is defined as any child born weighing at least 500 grams at delivery (or, when birthweight is unavailable, of at least 22 weeks gestation) which did not, at any time after being born, breathe or show any other sign of life. Statistics on fetal deaths are given in *Perinatal Deaths, Australia* (3304.0).

8. Deaths of Australian residents which took place outside Australia are not included in the statistics.

Definitions

9. The *age-specific death rate* is the number of deaths at a specified age per 1,000 of the population of that age.

10. The *infant mortality rate* is the number of deaths of children under 1 year of age per 1,000 live births.

11. The *crude death rate* is the number of deaths per 1,000 of mean population.

Causes of death

12. Data concerning causes of death are classified according to the Ninth Revision of the World Health Organization's International Classification of Diseases.

Break in continuity of series

13. *Aboriginal deaths.* Figures for the years prior to 1966 exclude deaths of persons identified as full-blood Aboriginal. The rates for the years prior to 1966 are based on the population excluding full-blood Aborigines.

Suppression of small cells

14. In this publication, i.e. those with less than 3 occurrences have been suppressed, by being rounded to zero, to assist in the preservation of confidentiality of information.

Additional statistics available

15. Australian Life Tables 1980-82 prepared by the Australian Government Actuary were released in 1985. Copies are available from the Commonwealth Government bookshops or the Mail Order Sales Service.

16. In some cases, the ABS can also make available information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, floppy disks, computer printout, clerically-extracted tabulation. Generally, a charge is made for providing unpublished information. Information on what unpublished data can be provided is shown in Appendix B.

Related publications

17. Other ABS publications which may be of interest to users include:

Demography, No. 87, 1971 (Ref. No. 4.9) which includes the number of deaths registered and crude death rates for each year from 1901 to 1971.

Australian Demographic Statistics (3101.0)—issued quarterly

Causes of Death, Australia (3303.0)—issued annually

Perinatal Deaths, Australia (3304.0)—issued annually

Births, Australia (3301.0)—issued annually

Occasional Paper: 1983/2 — Projections of Australian Mortality Rates, 1981-2020 — A research paper by R. Gogulapati, J.W. Da Ravin and P.J. Trickett.

18. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

Symbols and other usages

—	nil or rounded to zero
r	revised
n.a.	not available

Electronic services

VIA TEL. Key *656# for selected current economic, social and demographic statistics.

AUSSTATS. Thousands of up-to-date time series are available on this ABS on-line service through PAXUS COMNET.

For further information phone the AUSSTATS Help Desk on (062) 52 6017.

TELESTATS. This service provides foreign trade statistics tailored to users' requirements.

Further information is available on (062) 52 5404.

Text and tables for selected Main Economic Indicator publication. Further information is available on (062) 52 5405.

Floppy disk service

Selected ABS services are available on floppy disk. Further information is available on (062) 52 6684.

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	0.0972	99,145	0.0161	73.08	50	92,480	0.0462	92,266	0.0489	26.63
1	99,028	0.0071	98,985	0.0054	72.79	51	92,052	0.0516	91,815	0.0546	25.75
2	98,958	0.0052	98,932	0.0044	71.84	52	91,577	0.0576	91,313	0.0609	24.88
3	98,906	0.0036	98,889	0.0031	70.88	53	91,049	0.0642	90,757	0.0679	24.02
4	98,871	0.0026	98,858	0.0027	69.91	54	90,465	0.0716	90,141	0.0756	23.17
5	98,845	0.0027	98,832	0.0028	68.92	55	89,817	0.0797	89,459	0.0844	22.33
6	98,818	0.0029	98,804	0.0022	67.94	56	89,101	0.0890	88,705	0.0942	21.51
7	98,789	0.0015	98,782	0.0021	66.96	57	88,308	0.0995	87,869	0.1054	20.70
8	98,774	0.0026	98,761	0.0021	65.97	58	87,429	0.1114	86,942	0.1180	19.90
9	98,748	0.0016	98,740	0.0016	64.99	59	86,455	0.1246	85,917	0.1318	19.12
10	98,732	0.0016	98,724	0.0019	64.00	60	85,378	0.1391	84,784	0.1467	18.36
11	98,716	0.0022	98,705	0.0024	63.01	61	84,191	0.1545	83,540	0.1625	17.61
12	98,695	0.0027	98,681	0.0032	62.02	62	82,890	0.1706	82,183	0.1791	16.88
13	98,668	0.0037	98,649	0.0044	61.04	63	81,476	0.1876	80,711	0.1966	16.16
14	98,631	0.0051	98,606	0.0060	60.06	64	79,947	0.2057	79,125	0.2153	15.46
15	98,581	0.0069	98,548	0.0080	59.09	65	78,303	0.2251	77,421	0.2357	14.77
16	98,512	0.0090	98,468	0.0100	58.13	66	76,540	0.2466	75,596	0.2584	14.10
17	98,424	0.0111	98,369	0.0120	57.19	67	74,653	0.2705	73,643	0.2839	13.45
18	98,315	0.0130	98,251	0.0138	56.25	68	72,633	0.2975	71,563	0.3124	12.81
19	98,187	0.0145	98,116	0.0151	55.32	69	70,472	0.3277	69,317	0.3442	12.18
20	98,044	0.0156	97,968	0.0159	54.40	70	68,162	0.3612	66,931	0.3794	11.58
21	97,891	0.0162	97,812	0.0163	53.49	71	65,700	0.3982	64,392	0.4182	10.99
22	97,732	0.0164	97,652	0.0163	52.57	72	63,084	0.4390	61,699	0.4607	10.43
23	97,572	0.0163	97,492	0.0161	51.66	73	60,315	0.4835	58,857	0.5070	9.89
24	97,413	0.0159	97,336	0.0157	50.74	74	57,399	0.5316	55,873	0.5569	9.36
25	97,258	0.0155	97,183	0.0153	49.82	75	54,347	0.5837	52,761	0.6110	8.85
26	97,108	0.0150	97,035	0.0149	48.90	76	51,175	0.6401	49,537	0.6695	8.38
27	96,962	0.0147	96,890	0.0145	47.97	77	47,899	0.7009	46,221	0.7325	7.92
28	96,819	0.0144	96,750	0.0142	47.04	78	44,542	0.7664	42,835	0.7998	7.48
29	96,680	0.0141	96,612	0.0141	46.11	79	41,128	0.8361	39,409	0.8711	7.06
30	96,544	0.0140	96,476	0.0139	45.17	80	37,690	0.9093	35,976	0.9458	6.65
31	96,409	0.0139	96,342	0.0139	44.23	81	34,263	0.9860	32,573	1.0240	6.27
32	96,275	0.0139	96,208	0.0139	43.29	82	30,884	1.0663	29,238	1.1062	5.90
33	96,141	0.0139	96,074	0.0139	42.35	83	27,591	1.1509	26,004	1.1942	5.54
34	96,007	0.0140	95,940	0.0140	41.41	84	24,416	1.2431	22,898	1.2909	5.20
35	95,873	0.0141	95,806	0.0142	40.47	85	21,381	1.3454	19,942	1.4054	4.87
36	95,738	0.0144	95,669	0.0146	39.53	86	18,504	1.4748	17,140	1.5401	4.55
37	95,600	0.0149	95,529	0.0153	38.58	87	15,775	1.6167	14,500	1.6876	4.25
38	95,458	0.0157	95,383	0.0163	37.64	88	13,225	1.7722	12,053	1.8492	3.97
39	95,308	0.0168	95,228	0.0176	36.70	89	10,881	1.9427	9,824	2.0261	3.72
40	95,148	0.0183	95,061	0.0192	35.76	90	8,767	2.1296	7,834	2.1936	3.49
41	94,974	0.0201	94,878	0.0211	34.82	91	6,900	2.2749	6,115	2.3392	3.30
42	94,783	0.0221	94,678	0.0231	33.89	92	5,330	2.4224	4,685	2.4862	3.13
43	94,574	0.0242	94,459	0.0253	32.97	93	4,039	2.5705	3,520	2.6334	2.97
44	94,345	0.0264	94,220	0.0275	32.05	94	3,001	2.7181	2,593	2.7795	2.82
45	94,096	0.0287	93,961	0.0299	31.13	95	2,185	2.8638	1,872	2.9231	2.68
46	93,826	0.0312	93,680	0.0326	30.22	96	1,559	3.0063	1,325	3.0633	2.56
47	93,534	0.0341	93,374	0.0358	29.31	97	1,091	3.1448	919	3.1990	2.45
48	93,215	0.0375	93,040	0.0395	28.41	98	748	3.2781	625	3.3293	2.34
49	92,866	0.0415	92,673	0.0439	27.51	99	503	3.4055	417	3.4577	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
 e⁰_x = 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	.00893	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	.09808	5.98
36	97,852	.00076	97,815	.00078	44.89	86	37,212	.10330	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	42.95	88	29,343	.13772	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	.16802	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	.23819	3.19
45	96,894	.00175	96,809	.00183	36.28	95	7,065	.24748	6,151	.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

APPENDIX B

LIST OF DEATHS TABLES PRODUCED ANNUALLY

<i>Table Number</i>	<i>Description</i>
DTHR0001	Deaths—Sex by year and month of occurrence and month of registration.
DTHR0002	Deaths—Sex by age and month of registration.
DTHR0003	Deaths—Sex by quarter of registration by age at death and State or Territory of usual residence.
DTHR0004	Deaths—Sex by quarter of registration by age at death and marital status.
DTHR0005	Infant Deaths—Sex by year and month of occurrence and age at death.
DTHR0006	Infant Deaths—Sex by age at death and State or Territory of usual residence.
DTHR0007	Deaths—Occupation of males aged 15 to 64 and of females aged 15 to 59 by State or Territory of usual residence.
DTHR0009	Deaths—Occupation of males aged 15 to 64.
DTHR0010	Deaths—Occupation of females aged 15 to 59.
DTHR0011	Deaths—Ever married by sex by marital status by age and issue.
DTHR0012	Deaths—Sex by country of birth and State or Territory of usual residence.
DTHR0013	Deaths—Sex by country of birth and age at death.
DTHR0014	Deaths—Sex by country of birth and period of residence in Australia.
DTHR0015	Deaths—Sex by State or Territory of usual residence by State or Territory of registration.
DTHR0016	Deaths—Sex by State or Territory of usual residence by cause of death.
DTHR0017	Deaths—Sex by age at death and State or Territory of registration.
DTHR0018	Infant Deaths—Sex by age at death and State or Territory of registration.

For tables relating to causes of death see *Causes of Death, Australia* (3303.0). For tables available in respect of perinatal deaths (stillbirths and deaths under four weeks of age) see *Perinatal Deaths, Australia* (3304.0).

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