

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

CANBERRA, AUSTRALIA

SUMMARY OF VITAL AND POPULATION STATISTICS : SEPTEMBER QUARTER 1970

CONTENTS

<u>Table</u>		<u>Page</u>
	Explanatory notes	2
1.	Summary: Vital and population statistics, Australia, 1965 to 1970	3
2.	Population: States and Territories, 1965 to 1970	4
3.	Marriages: States and Territories, 1965 to 1970	5
4.	Births: States and Territories, 1965 to 1970	6
5.	Deaths: States and Territories, 1965 to 1970	7
6.	Infant deaths: States and Territories, 1965 to 1970 ..	8

EXPLANATORY NOTES

1. The estimated population for Australia as a whole takes account of natural increase and net overseas migration since the latest Census.
2. The estimate for each State or Territory represents the population ascertained at the Census plus recorded natural increase and net gain from overseas migration for that State or Territory; gains and corresponding losses that result from movements between States and Territories are also taken into account in so far as they are recorded as transfers of State of residence under child endowment procedures or Commonwealth electoral procedures or are indicated by the results of any special count. Holiday, business and other similar short-term movements between States and Territories are not taken into account. As records of migration by State or Territory are not complete the estimated State and Territory populations so derived are approximate and are subject to revision when the actual population of each State is ascertained at the next Census.
3. As a consequence of the omission since June 1961 of holiday, business or other similar short-term movements between States and Territories from the calculations, interstate holiday movements do not affect the estimates. However, two aspects of seasonal movements are still reflected in the estimated populations of the States. These are:
 - (i) People who were on holiday or other short-term travel interstate at the time of the Census are counted in the population of the State where they spent Census night.
 - (ii) There are some seasonal features in the movement of the population of Australia due to movements of tourists and other visitors from overseas and of Australians travelling overseas for short periods.
4. Vital statistics for periods prior to 1967 exclude full-blood Aborigines. Differences between the statistics now published and those formerly published, which implied the exclusion of Aboriginal vital events, cannot be taken as reliable statistics of births, deaths or marriages among full-blood Aborigines, because in many areas no satisfactory administrative or other basis existed for distinguishing vital events among full-blood Aborigines from those among part-Aborigines or the rest of the population. Population estimates published in issues in this series prior to that for September Quarter 1967 also exclude full-blood Aborigines as required by Section 127 of the Constitution prior to its repeal in 1967.

- NOTE.
- (i) A line drawn across a column indicates a break in continuity in the series.
 - (ii) Any discrepancies between totals and sums of components in Tables 1 and 2 are due to rounding.

TABLE 1. - SUMMARY : VITAL AND POPULATION STATISTICS, AUSTRALIA 1965 TO 1970

Period	Marriages registered (a)	Births registered (a)	Deaths registered (a)	Natural increase (a) (b)	Net recorded overseas migration gain (c)	Population -	
						increase (d)	at end of period
Year ended						('000)	('000)
31 Dec. -							
1965	93,546	222,854	99,715	123,139	104,856	225.0	11,505.4
1966	96,046	222,626	103,929	118,697	86,926	205.0	11,710.4
1967	100,000	229,296	102,703	126,593	91,909	218.5	11,928.9
1968	106,345	240,906	109,547	131,359	113,053	244.4	12,173.3
1969	112,470	250,176	106,496	143,680	129,046	272.7	12,446.0
Year ended							
30 June -							
1966	95,126	222,553	100,702	121,851	92,389	211.8	(e)11,599.5
1967	97,984	228,207	105,226	122,981	87,373	210.7	11,810.2
1968	102,509	231,960	104,668	127,292	93,358	220.7	12,030.8
1969	109,630	247,218	108,179	139,039	126,425	265.5	12,296.3
1970	115,051	252,305	109,441	142,864	112,564	255.4	12,551.7
Quarter ended -							
30 Sept. 1966	20,476	56,298	31,740	24,558	21,429	46.1	11,645.6
31 Dec. "	25,701	56,492	25,018	31,474	33,115	64.8	11,710.4
31 March 1967	27,058	57,405	23,010	34,395	28,145	62.5	11,772.9
30 June "	24,749	58,012	25,458	32,554	4,684	37.2	11,810.2
30 Sept. "	21,428	57,579	29,559	28,020	26,225	54.2	11,864.4
31 Dec. "	26,765	56,300	24,676	31,624	32,855	64.5	11,928.9
31 March 1968	27,303	58,117	24,253	33,864	28,034	61.9	11,990.8
30 June "	27,013	59,964	26,180	33,784	6,244	40.0	12,030.8
30 Sept. "	23,244	61,619	33,329	28,290	40,032	68.3	12,099.1
31 Dec. "	28,785	61,206	25,785	35,421	38,743	74.2	12,173.3
31 March 1969	28,946	61,072	23,406	37,666	36,538	74.2	12,247.5
30 June "	28,655	63,321	25,659	37,662	11,112	48.8	12,296.3
30 Sept. "	25,106	63,680	31,125	32,555	42,832	75.4	12,371.7
31 Dec. "	29,763	62,103	26,306	35,797	38,564	74.4	12,446.0
31 March 1970	30,210	61,043	23,631	37,412	38,833	76.2	12,522.3
30 June "	29,972	65,479	28,379	37,100	-7,665	29.4	12,551.7
30 Sept. "	25,360	65,344	33,754	31,590	47,348	78.9	12,630.6

(a) Excludes particulars of full-blood Aborigines prior to January 1967. (b) Excess of births registered over deaths registered. (c) Excess of recorded overseas arrivals over recorded overseas departures. (d) Increase consists of natural increase, net overseas migration gain, and an adjustment to make the series of increases agree with the total intercensal increase revealed by the latest census. (e) Population at Census date. The difference between the statistics as here published and those shown in Census publications, which exclude full-blood Aborigines, cannot be taken as reliable statistics of Aboriginal population.

NOTE. Minus sign (-) denotes excess of departures over arrivals.

TABLE 2. - POPULATION : STATES AND TERRITORIES, 1965 TO 1970

('000)

At end of	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
MALES									
1969 -									
June	2,247.0	1,698.7	895.9	575.5	481.8	196.0	36.8	(a)62.8	6,194.6
Sept.	2,261.2	1,707.4	900.6	577.9	486.1	196.5	37.3	64.2	6,231.2
Dec.	2,273.6	1,716.1	904.0	580.7	491.7	197.3	37.6	65.8	6,266.9
1970 -									
March	2,288.6	1,726.9	909.1	583.9	496.2	197.9	38.3	67.3	6,308.3
June	2,293.7	1,729.5	911.5	585.8	498.7	198.1	38.5	68.7	6,324.6
Sept.	2,306.9	1,737.9	916.5	588.0	504.2	198.7	39.3	70.4	6,361.8
FEMALES									
1969 -									
June	2,227.8	1,685.4	872.1	569.0	464.5	192.4	31.2	(a)59.2	6,101.6
Sept.	2,242.9	1,694.6	877.3	571.5	469.1	193.0	31.7	60.4	6,140.5
Dec.	2,256.4	1,704.0	881.4	574.6	475.0	193.9	32.0	61.9	6,179.2
1970 -									
March	2,269.4	1,712.7	885.6	577.0	479.2	194.2	32.7	63.3	6,214.0
June	2,273.3	1,714.3	887.8	578.9	481.3	194.3	32.9	64.4	6,227.1
Sept.	2,288.5	1,723.5	893.6	581.6	487.1	195.0	33.7	65.9	6,268.8
PERSONS									
1965 -									
June	4,175.4	3,164.4	1,644.5	1,067.6	825.5	367.9	53.9	(a)88.5	11,387.7
Sept.	4,191.4	3,177.3	1,652.5	1,073.2	830.7	368.2	55.0	90.4	11,438.8
Dec.	4,211.0	3,195.9	1,659.4	1,083.0	838.2	369.6	55.5	92.8	11,505.4
1966 -									
March	4,228.9	3,210.7	1,668.3	1,090.3	843.6	370.9	55.9	94.9	11,563.5
June (b)	4,237.9	3,220.2	1,674.3	1,095.0	848.1	371.4	56.5	96.0	11,599.5
Sept.	4,252.0	3,232.0	1,680.8	1,099.1	853.6	372.4	57.5	98.3	11,645.6
Dec.	4,273.3	3,249.9	1,687.9	1,104.6	862.7	373.9	58.1	100.0	11,710.4
1967 -									
March	4,293.2	3,269.2	1,695.5	1,109.0	870.3	375.5	58.8	101.5	11,772.9
June	4,306.9	3,274.4	1,701.6	1,111.5	876.4	376.4	59.3	(a)103.6	11,810.2
Sept.	4,325.1	3,286.7	1,710.2	1,114.6	883.6	377.7	60.7	105.8	11,864.4
Dec.	4,346.8	3,303.3	1,718.3	1,118.5	892.8	379.6	61.5	108.2	11,928.9
1968 -									
March	4,369.6	3,318.2	1,725.7	1,121.7	901.1	381.0	62.9	110.5	11,990.8
June	4,381.4	3,323.4	1,732.3	1,125.2	909.4	382.0	64.3	112.8	12,030.8
Sept.	4,405.0	3,338.5	1,742.3	1,130.5	918.6	383.5	65.8	115.0	12,099.1
Dec.	4,428.8	3,355.8	1,751.8	1,136.4	930.8	386.0	66.6	117.2	12,173.3
1969 -									
March	4,457.1	3,374.2	1,761.1	1,140.8	938.9	387.9	67.5	119.9	12,247.5
June	4,474.8	3,384.1	1,768.0	1,144.4	946.4	388.5	68.0	(a)122.0	12,296.3
Sept.	4,504.1	3,402.0	1,777.9	1,149.4	955.2	389.5	69.0	124.6	12,371.7
Dec.	4,529.9	3,420.1	1,785.4	1,155.3	966.7	391.2	69.7	127.7	12,446.0
1970 -									
March	4,558.0	3,439.7	1,794.6	1,160.9	975.4	392.2	71.0	130.6	12,522.3
June	4,567.0	3,443.8	1,799.2	1,164.7	980.0	392.5	71.4	133.1	12,551.7
Sept.	4,595.4	3,461.4	1,810.0	1,169.6	991.3	393.7	73.0	136.3	12,630.6

(a) Based on the results of a population count of Canberra.

(b) Population at Census date. The difference between the statistics as here published and those shown in Census publications, which exclude full-blood Aborigines, cannot be taken as reliable statistics of Aboriginal population.

TABLE 3. - MARRIAGES, STATES AND TERRITORIES, 1965 TO 1970

Period	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
MARRIAGES - NUMBER REGISTERED (a)									
Year - 1965	35,176	26,421	12,967	8,680	6,448	2,888	296	670	93,546
1966	35,575	27,089	13,325	9,051	7,001	2,946	312	747	96,046
1967	37,077	28,004	13,634	9,434	7,430	3,213	325	883	100,000
1968	39,213	29,724	14,860	9,652	8,086	3,426	419	965	106,345
1969	41,286	30,860	15,669	10,599	8,993	3,532	413	1,118	112,470
1968 - Sept. quarter	8,544	6,332	3,435	2,109	1,748	745	120	211	23,244
Dec. "	10,519	8,251	4,062	2,584	2,086	883	123	277	28,785
1969 - March quarter	10,626	7,884	3,780	2,864	2,438	986	94	274	28,946
June "	10,439	7,921	4,181	2,650	2,155	919	113	277	28,655
Sept. "	9,341	6,732	3,626	2,309	1,975	742	114	267	25,106
Dec. "	10,880	8,323	4,082	2,776	2,425	885	92	300	29,763
1970 - March quarter	11,159	8,176	3,896	3,068	2,394	1,052	150	315	30,210
June "	10,697	8,575	4,235	2,731	2,384	913	117	320	29,972
Sept. "	9,650	6,627	3,754	2,366	1,836	740	102	285	25,360

MARRIAGE RATES (a) - NUMBER PER THOUSAND OF MEAN POPULATION

Year - 1965	8.43	8.35	7.94	8.16	7.91	7.85	8.4	7.6	8.25
1966	8.40	8.41	8.01	8.29	8.36	7.93	8.3	7.7	8.31
1967	8.60	8.55	8.01	8.49	8.47	8.53	5.4	8.5	8.46
1968	8.94	8.93	8.57	8.57	8.89	8.96	6.5	8.6	8.83
1969	9.22	9.11	8.86	9.26	9.49	9.09	6.1	9.1	9.14
1968 - Sept. quarter	7.78	7.60	7.91	7.48	7.65	7.8	7.4	7.4	7.71
Dec. "	9.53	9.86	9.30	9.12	9.02	9.2	7.4	9.5	9.49
1969 - March quarter	9.57	9.37	8.61	10.06	10.43	10.2	5.6	9.2	9.48
June "	9.35	9.38	9.48	9.28	9.14	9.5	6.7	9.2	9.34
Sept. "	8.32	7.94	8.18	8.05	8.31	7.6	6.7	8.7	8.14
Dec. "	9.63	9.76	9.16	9.64	10.09	9.1	5.3	9.5	9.59
1970 - March quarter	9.82	9.54	8.71	10.60	9.86	10.7	8.5	9.8	9.68
June "	9.38	9.97	9.43	9.39	9.75	9.3	6.6	9.7	9.56
Sept. "	8.43	7.68	8.32	8.11	7.45	7.5	5.7	8.5	8.06

(a) Excludes particulars of full-blood Aborigines prior to January 1967.

NOTE. Rates for quarters are equivalent annual rates per 1,000 of mean population. Quarterly rates, especially in deaths and marriages, reflect seasonal influences and all rates may be influenced by varying delay in registration. Also, a variation in rates based on small numbers of events is of less significance than the same variation in rates based on larger numbers. In some instances rates are based on too few marriages to warrant calculation to the second decimal place.

TABLE 4. - BIRTHS, STATES AND TERRITORIES, 1965 TO 1970

Period	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
BIRTHS - NUMBER REGISTERED (a)									
Year - 1965	78,069	63,550	33,551	20,891	16,186	7,535	914	2,158	222,854
1966	77,758	64,008	32,843	20,319	17,007	7,401	972	2,318	222,626
1967	78,841	65,485	34,692	20,386	18,023	7,547	1,921	2,401	229,296
1968	81,696	70,228	35,190	21,207	19,541	8,317	2,084	2,643	240,906
1969	86,036	71,035	36,576	21,977	20,754	8,445	2,274	3,079	250,176
1968 - Sept. quarter	21,066	18,116	8,793	5,347	5,004	2,057	562	674	61,619
Dec. "	20,248	18,333	8,513	5,752	5,021	2,201	423	715	61,206
1969 - March quarter	20,815	17,627	9,157	5,053	4,891	2,275	535	719	61,072
June "	22,161	17,533	9,426	5,769	5,091	1,929	644	768	63,321
Sept. "	22,146	18,103	9,199	5,689	5,109	2,048	584	802	63,680
Dec. "	20,914	17,772	8,794	5,466	5,663	2,193	511	790	62,103
1970 - March quarter	21,151	16,733	9,502	5,368	4,949	1,866	634	840	61,043
June "	22,464	18,682	9,675	5,589	5,490	2,072	681	826	65,479
Sept. "	22,289	18,422	9,370	5,766	5,709	2,166	681	941	65,344

BIRTH RATES (a) - NUMBER PER THOUSAND OF MEAN POPULATION

Year - 1965	18.71	20.08	20.54	19.63	19.85	20.48	25.8	24.4	19.65
1966	18.35	19.87	19.74	18.62	20.31	19.92	25.9	24.0	19.27
1967	18.30	19.98	20.38	18.34	20.55	20.04	32.2	23.1	19.40
1968	18.62	21.10	20.30	18.83	21.47	21.76	32.4	23.4	20.00
1969	19.21	20.97	20.67	19.19	21.91	21.73	33.3	25.2	20.33
1968 - Sept. quarter	19.18	21.76	20.25	18.97	21.90	21.5	34.6	23.7	20.43
Dec. "	18.34	21.91	19.49	20.31	21.72	22.9	25.6	24.6	20.17
1969 - March quarter	18.74	20.95	20.85	17.75	20.93	23.5	31.9	24.3	20.01
June "	19.85	20.75	21.37	20.20	21.60	19.9	38.0	25.4	20.64
Sept. "	19.73	21.34	20.75	19.84	21.49	21.1	34.1	26.0	20.65
Dec. "	18.52	20.84	19.74	18.97	23.57	22.5	29.5	25.0	20.02
1970 - March quarter	18.62	19.51	21.23	18.54	20.39	19.1	36.1	26.0	19.56
June "	19.69	21.71	21.54	19.23	22.46	21.1	38.3	25.1	20.89
Sept. "	19.46	21.34	20.77	19.76	23.17	22.0	37.7	27.9	20.76

(a) Excludes particulars of full-blood Aborigines prior to January 1967.

NOTE. Rates for quarters are equivalent annual rates per 1,000 of mean population. Quarterly rates, especially in deaths and marriages, reflect seasonal influences and all rates may be influenced by varying delay in registration. Also, a variation in rates based on small numbers of events is of less significance than the same variation in rates based on larger numbers. In some instances rates are based on too few births to warrant calculation to the second decimal place.

TABLE 5. - DEATHS, STATES AND TERRITORIES, 1965 TO 1970

Period	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
DEATHS - NUMBER REGISTERED (a)									
Year - 1965	38,949	28,031	14,114	8,788	6,274	3,043	161	355	99,715
1966	40,546	28,673	14,861	9,323	6,772	3,159	154	441	103,929
1967	39,613	28,373	14,736	9,071	6,779	3,228	527	376	102,703
1968	41,803	29,967	16,078	9,916	7,468	3,284	543	488	109,547
1969	40,665	28,976	15,786	9,337	7,350	3,309	485	588	106,496
1968 - Sept. quarter	13,179	8,913	4,933	2,896	2,200	920	124	164	33,329
Dec. "	9,569	7,037	3,822	2,525	1,816	760	135	121	25,785
1969 - March quarter	9,013	6,290	3,523	1,968	1,544	832	115	121	23,406
June "	9,704	6,951	3,824	2,367	1,735	776	156	146	25,659
Sept. "	12,078	8,403	4,533	2,686	2,204	932	123	166	31,125
Dec. "	9,870	7,332	3,906	2,316	1,867	769	91	155	26,306
1970 - March quarter	9,073	6,186	3,562	2,193	1,654	707	136	120	23,631
June "	10,784	7,741	4,432	2,487	1,803	838	136	158	28,379
Sept. "	13,471	8,852	5,173	2,902	2,170	902	142	142	33,754

DEATH RATES (a) - NUMBER PER THOUSAND OF MEAN POPULATION

Year - 1965	9.33	8.86	8.64	8.26	7.70	8.27	4.6	4.0	8.79
1966	9.57	8.90	8.93	8.54	8.09	8.50	4.1	4.6	8.99
1967	9.19	8.66	8.65	8.16	7.73	8.57	8.8	3.6	8.69
1968	9.53	9.01	9.27	8.81	8.21	8.59	8.4	4.3	9.10
1969	9.08	8.55	8.92	8.15	7.76	8.51	7.1	4.8	8.65
1968 - Sept. quarter	12.00	10.70	11.36	10.27	9.63	9.6	7.6	5.8	11.05
Dec. "	8.67	8.41	8.75	8.91	7.86	7.9	8.2	4.2	8.50
1969 - March quarter	8.11	7.48	8.02	6.91	6.61	8.6	6.9	4.1	7.67
June "	8.69	8.23	8.67	8.29	7.36	8.0	9.2	4.8	8.36
Sept. "	10.76	9.91	10.23	9.37	9.27	9.6	7.2	5.4	10.09
Dec. "	8.74	8.60	8.77	8.04	7.77	7.9	5.2	4.9	8.48
1970 - March quarter	7.99	7.21	7.96	7.57	6.81	7.2	7.7	3.7	7.57
June "	9.45	9.00	9.87	8.56	7.38	8.5	7.6	4.8	9.05
Sept. "	11.76	10.26	11.47	9.95	8.81	9.2	7.9	4.2	10.72

(a) Excludes particulars of full-blood Aborigines prior to January 1967.

NOTE. Rates for quarters are equivalent annual rates per 1,000 of mean population. Quarterly rates, especially in deaths and marriages, reflect seasonal influences and all rates may be influenced by varying delay in registration. Also a variation in rates based on small numbers of events is of less significance than the same variation in rates based on larger numbers. In some instances rates are based on too few deaths to warrant calculation to the second decimal place.

TABLE 6. - DEATHS UNDER ONE YEAR OF AGE, STATES AND TERRITORIES, 1965 TO 1970

Period	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
DEATHS UNDER ONE YEAR OF AGE - NUMBER REGISTERED (a)									
Year - 1965	1,492	1,109	598	385	351	125	23	34	4,117
1966	1,490	1,116	581	356	329	108	19	46	4,045
1967	1,452	1,101	678	346	314	130	122	44	4,187
1968	1,525	1,010	716	345	397	143	101	45	4,282
1969	1,625	1,066	691	347	453	139	103	58	4,482
1968 - Sept. quarter	421	290	177	91	108	38	28	17	1,170
Dec. "	355	232	180	117	108	32	12	15	1,051
1969 - March quarter	359	239	181	87	94	33	21	11	1,025
June "	407	265	185	76	121	35	37	12	1,138
Sept. "	460	288	180	104	126	29	27	20	1,234
Dec. "	399	274	145	80	112	42	18	15	1,085
1970 - March quarter	405	231	150	83	94	23	31	10	1,027
June "	445	250	172	100	117	29	23	15	1,151
Sept. "	451	293	173	61	144	27	30	17	1,196
INFANT MORTALITY RATES (b) - NUMBER PER THOUSAND LIVE BIRTHS									
Year - 1965	19.1	17.5	17.8	18.4	21.7	16.6	25.2	15.8	18.47
1966	19.2	17.4	17.7	17.5	19.3	14.6	(c)	19.8	18.17
1967	18.4	16.8	19.5	17.0	17.4	17.2	63.5	18.3	18.26
1968	18.7	14.4	20.3	16.3	20.3	17.2	48.5	17.0	17.77
1969	18.9	15.0	18.9	15.8	21.8	16.5	45.3	18.8	17.92
1968 - Sept. quarter	20.0	16.0	20.1	17.0	21.6	18.5	49.8	(c)	18.99
Dec. "	17.5	12.7	21.1	20.3	21.5	14.5	(c)	(c)	17.17
1969 - March quarter	17.2	13.6	19.8	17.2	19.2	14.5	39.3	(c)	16.78
June "	18.4	15.1	19.6	13.2	23.8	18.1	57.5	(c)	17.97
Sept. "	20.8	15.9	19.6	18.3	24.7	14.2	46.2	24.9	19.38
Dec. "	19.1	15.4	16.5	14.6	19.8	19.2	(c)	(c)	17.47
1970 - March quarter	19.1	13.8	15.8	15.5	19.0	12.3	48.9	(c)	16.82
June "	19.8	13.4	17.8	17.9	21.3	14.0	33.8	(c)	17.58
Sept. "	20.2	15.9	18.5	10.6	25.2	12.5	44.1	(c)	18.30

(a) Included in total number of deaths registered; i.e. in Table 5. Excludes particulars of full-blood Aborigines prior to January 1967. (b) Rates for the States and Territories are based on too few deaths to warrant calculation to the second decimal place. (c) Less than twenty deaths, rate not calculated.

NOTE. Quarterly rates, especially in deaths and marriages, reflect seasonal influences and all rates may be influenced by varying delay in registration. Also a variation in rates based on small numbers of events is of less significance than the same variation in rates based on larger numbers.

J.P. O'NEILL
ACTING COMMONWEALTH STATISTICIAN

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS
CANBERRA, A.C.T. 2600. 18 FEBRUARY 1971

NOTE. Inquiries concerning these statistics can be made in Canberra by telephoning 63 9111 Extension 2348 or, in each State capital, by telephoning the office of the Bureau of Census and Statistics.