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### AUSTRALIAN DEMOGRAPHIC STATISTICS SEPTEMBER AND DECEMBER QUARTERS 1987

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#### MAIN FEATURES

The preliminary estimated resident population of Australia at 31 December 1987 is 16,395,600, an increase of 71,800 since 30 September 1987 and 256,600 since 31 December 1986. Of the growth during the last twelve months, 51 per cent was achieved from overseas migration (130,000) with natural increase (126,600) contributing the remaining 49 per cent. The annual growth rate for 1987 of 1.6 per cent was fractionally higher than the 1.5 per cent for the previous year.

The net gain of 130,000 from overseas migration in 1987 was the highest recorded since 1950. It is also the first year since 1950 that net overseas migration has exceeded natural increase.

The Australian Capital Territory and Western Australia had the highest growth rates for 1987 — 2.8 per cent and 2.7 per cent respectively, followed by Queensland (2.1 per cent). New South Wales' growth rate was equivalent to the national average of 1.6 per cent. States whose growth rates were below the national average were Victoria (1.2 per cent), South Australia (0.9 per cent), the Northern Territory (0.6 per cent) and Tasmania (less than 0.1 per cent). Both the Northern Territory and Tasmania have experienced greater net losses from interstate migration in 1987 than in recent years, more than offsetting gains from overseas migration. These were the only States to lose population from the combined effects of interstate and overseas migration. All States and Territories, including Tasmania and the Northern Territory, experienced increased net overseas migration gains in 1987.

#### EXPLANATORY NOTES

##### Introduction

This quarterly publication contains estimated resident populations for Australia and the States and Territories. It also provides the latest available statistics of births, deaths (including infant deaths), marriages, divorces and overseas as well as interstate migration. In addition, the publication includes age estimates of the resident population for 1976, 1981, 1986 and 1987.

#### Notes and definitions

2. These are provided at the head of each section of tables.

#### Related publications

3. Detailed annual demographic statistics appeared for many years in the annual publication *Demography* which ceased after the issue for 1971. Since then, annual statistics have been contained in the publications listed below.

*Population Estimates, Australia*, (3219.0). This publication is issued ahead of Australian Demographic Statistics (3101.0) when prior release of population data is desirable. It is not issued every quarter. The last issue was published on 5 May 1987.

*Births, Australia* (3301.0). The 1986 issue was released on 31 July 1987.

*Deaths, Australia* (3302.0). The 1986 issue was published on 12 October 1987.

*Marriages, Australia* (3306.0). The 1986 issue was published on 15 July 1987.

*Divorces, Australia* (3307.0). The 1986 issue was released on 3 June 1987.

*Overseas Arrivals and Departures, Australia* (3404.0). The 1986 issue was published on 21 September 1987.

*Estimated Resident Population by Sex and Age: States and Territories of Australia* (3201.0). The 1987 issue containing final estimates for years 1982 to 1986 revised in the light of 1986 Census results, and preliminary estimates for 1987, was issued on 8 December 1987.

*Estimated Resident Population, Australia, States and Territories* (3217.0). The 1986 issue was released on 1 October 1987. It contained final 1986 Census-based estimates by age and sex at 30 June 1986.

#### 4. Other publications of interest are:

*Overseas Arrivals and Departures, Australia* (3402.0). A quarterly publication showing detailed classifications of movement.

*Overseas Arrivals and Departures, Australia* (3401.0). A short release of the latest monthly statistics.

*Projections of the populations of Australia, States and Territories 1984 to 2021* (3222.0). Based on preliminary estimated resident population at 30 June 1984, this publication was released in May 1985.

*Birth Expectations of Married Women, Australia* (3215.0). Results of a sample survey in June 1979 were released in May 1980.

*Interstate Migration Australia* (3411.0). The 1981 issue, containing statistics on interstate migration compiled from information collected in the population Censuses of 1971, 1976 and 1981 was published on 2 November 1984.

*Internal Migration, Australia* (3408.0). Results of a sample survey covering the twelve months ended May 1987 were released on 13 April 1988.

*Australian Life Tables, 1980-1982*, prepared by the Australian Government Actuary and available from the Australian Government Publishing Service bookshops or Mail Order Sales Services.

5. 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.

6. Statistics of overseas arrivals and departures and related data are also published regularly by the Department of Immigration and Ethnic Affairs (see that Department's *Australian Immigration, Consolidated Statistics*) and by the Australian Tourist Commission (on international travel and tourism).

#### Symbols and other usages

- r figures or series revised since previous issue
- p preliminary—figure or series subject to revision
- n.a. not available
- n.y.a. not yet available
- .. not applicable
- nil or rounded to zero
- break in continuity of series (where drawn across a column between consecutive figures)

7. In this publication population estimates have generally been rounded to the nearest hundred. Neither rounded figures, nor unrounded figures should be assumed to be accurate to the last digit shown.

8. Where figures have been rounded, discrepancies may occur between sums of component items and totals.

#### Electronic services

9. VIATEL. 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 CSIRONET.

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.

#### Floppy disk service

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

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## ESTIMATED RESIDENT POPULATION AND COMPONENTS OF POPULATION CHANGE

### Notes and definitions

Australia's population estimates for the period since 1971 are compiled according to the place of usual residence of the population. An explanation of the 'place of usual residence' conceptual basis for population estimates is given in the ABS technical paper, *Methods and Procedures in the Compilation of Estimated Resident Population 1981 and in the Construction of the 1971-81 Time Series* (3103.0) issued on 11 March 1983.

2. *Method of estimation.* The estimates of the population of Australia and the States and Territories at the date of the Census are the adjusted (for under-enumeration) Census Counts, Place of Usual Residence, to which are added the number of Australian residents estimated to have been temporarily overseas at the time of the census.

Quarterly estimates of the Australian population are obtained by adding to the population at the beginning of each period components of natural increase (on a usual residence basis) and net overseas migration gain. For the States and Territories, account is also taken of estimated interstate movements involving a change of usual residence. After each census final estimates for the preceding intercensal period are provided by incorporating an additional quarterly adjustment (intercensal discrepancy) to ensure that the total intercensal increase agrees with the difference between the estimated resident populations at the two respective census dates.

3. *Natural increase.* Excess of births over deaths by State of usual residence.

4. *Net estimated overseas migration.* Figures are based on net permanent and long-term overseas movements (see notes and definitions, Overseas Migration section) with State or Territory 'not stated' allocated pro rata. Short-term movements are excluded. The estimates from July 1976 onwards include an adjustment for the net effect of 'category jumping'. (For more details on the calculation of category jumping see the Appendix at the back of this publication). This adjustment is necessary because net permanent and long-term migration figures can be affected by changes in travel intentions, as when an Australian resident departing for a short-term visit overseas (stating that he/she intends to stay abroad for less than 12 months) in fact stays more than 12 months, thereby changing his/her travel category from short-term to long-term. An ABS technical paper, *Estimates of Residents Temporarily Overseas, Visitors in Australia and Category Jumping* (3104.0), was published on 10 March 1983.

5. *Net estimated interstate migration.* Information about internal migration is available from population censuses and from a sample survey of internal movements which has been conducted at more or less annual intervals since 1970. These sources, however, do not provide the up-to-date quarterly estimates of interstate migration required for regular population estimates. The only suitable sources for this purpose are administrative records:

- (1) prior to June 1986, quarterly estimates were derived from records of interstate changes of addresses advised to the Department of Social Security in connection with family allowance payments. Family allowance transfer data related to children only, and interstate migration for all ages was based on the expansion of these family allowance data using ratios of adult to child populations. These ratios, calculated for each

interstate flow, were based on results from the latest available census. Data from the *Internal Migration Survey* were used to constrain the total interstate moves to those revealed by the Survey. Data derived from the ratio expansion method were subject to revision in the light of the more accurate census data. For more information on estimates of interstate migration prior to June 1986 see the ABS occasional paper, *Postcensal Interstate Migration Estimates, 1966-1981* which was published in April 1984.

- (2) Because of difficulties in obtaining adequate coverage of all movements from family allowance transfers, estimates of interstate migration after June 1986 are being derived from unidentified information on interstate changes of addresses advised to the Health Insurance Commission in the process of administering Medicare. Only Medicare transfers aged 0-14 are used, as most other ages suffer from under-registration of transfers of varying amounts. The method used to expand the 0-14 movers is similar to the previous method, with adult to child expansion ratios based on the latest available Census being applied to the Medicare movers data for ages 0-14 for each interstate flow. However, an allowance has been introduced for underenumeration of interstate movers in the Census, and for the ageing of the population which has resulted in increasing adult to child ratios for interstate movers between recent censuses.

6. *Rates of population growth.* These express a change during a period as a proportion (per cent) of the population at the beginning of the period. These rates should be distinguished from crude rates (of births, deaths, marriages and divorces) which are expressed per 1,000 of mean population.

7. *Mean populations.* These are calculated for financial and calendar years to the formula:

$$\text{mean population} = \frac{a + 4b + 2c + 4d + e}{12}$$

where 'a' is the population at the end of the quarter immediately preceding the twelve month period, and 'b', 'c', 'd' and 'e' are the populations at the end of each of the four succeeding quarters. Mean populations are used in the calculation of crude rates. The weights used in the formulation of the mean annual populations have been derived using a mathematical technique which involves the fitting of two quadratic polynomial functions to a series of points. Further explanation of this procedure is available to interested users on request to the ABS.

8. *Population by age/sex.* The age/sex data for the 1976, 1981 and 1986 census dates are based on the Census Counts, Place of Usual Residence which subsequently were adjusted for under-enumeration and to which were added estimated numbers of Australian residents temporarily overseas on census night. The 1987 age distribution published in this bulletin was obtained by advancing the estimated resident population for 30 June 1986 by adding components of natural increase (usual residence basis) and net estimated interstate and overseas migration.

**TABLE 1. ESTIMATED RESIDENT POPULATION AND COMPONENTS OF POPULATION CHANGE ON A USUAL RESIDENCE BASIS, AUSTRALIA**

Period	Live births(b) ( ' 000)	Deaths(b) ( ' 000)	Natural increase(b) ( ' 000)	Net overseas migration(c) ( ' 000)	Population		
					At end of period ( ' 000)	Increase(a)	
					( ' 000)	Per cent	
<i>Year ended 30 June—</i>							
1982	237.1	111.0	126.1	128.1	15,184.2	261.0	1.75
1983	241.8	112.9	128.8	73.3	15,393.5	209.2	1.38
1984	240.5	110.9	129.7	49.1	15,579.4	185.9	1.21
1985	(d)241.8	(d)114.2	(d)127.6	73.7	15,788.3	208.9	1.34
1986	(d)239.1	(d)116.1	(d)123.0	100.4	(e)16,018.4	230.0	1.46
1987	242.8	116.1	126.6	118.2	16,263.3	245.0	1.53
<i>Year ended 31 December—</i>							
1982	239.9	114.8	125.1	102.7	15,288.9	234.8	1.56
1983	242.6	110.1	132.5	55.0	15,483.5	244.2	1.60
1984	(d)238.5	(d)111.9	(d)126.6	59.8	15,677.3	193.8	1.25
1985	(d)242.9	(d)116.8	(d)126.1	89.3	15,900.6	223.3	1.42
1986	243.4	115.0	128.4	107.4	16,139.0	238.5	1.50
1987 p	243.9	117.3	126.6	130.0	16,395.6	256.6	1.59
<i>Quarter ended—</i>							
<i>1986—</i>							
June	60.5	27.5	33.0	23.4	(e)16,018.4	230.0	1.46
September	60.8	31.9	28.8	29.6	16,076.9	237.2	1.50
December	62.2	28.7	33.5	28.7	16,139.0	238.5	1.50
<i>1987—</i>							
March	59.0	27.1	31.9	32.0	16,203.0	241.5	1.51
June	60.8	28.4	32.4	27.9	16,263.3	245.0	1.53
September p	61.5	32.3	29.3	31.3	16,323.8	247.0	1.54
December p	62.6	29.6	33.0	38.8	16,395.6	256.6	1.59

(a) For dates prior to June 1986, differences between the total increase shown and the sum of natural increase and net overseas migration are due to the distribution of intercensal discrepancy. A description of the intercensal discrepancy is contained in an ABS technical paper (Catalogue no. 3103.0) on the methods and procedures of compilation of population estimates. (b) Calculated at a more preliminary stage of processing in order to compile the population estimates at the end of the period. Figures may therefore vary from the registered births and deaths shown in later tables. (c) Estimates of net overseas migration include an adjustment for 'category jumping' (see notes and definitions and the Appendix at the back of this publication) and are therefore different from the net permanent and long-term movements presented in tables in the Overseas Migration section. However, the 'category jumping' adjustment has not been made for preliminary estimates for the September and December quarters 1987. Refer to paragraph 4 of the notes preceding this table. (d) Adjusted for late registrations in 1984 of births and deaths in N.S.W. (e) Census date. (f) Increase and percentage increase shown for quarters are over the population at the same date twelve months earlier.

**TABLE 2. QUARTERLY ESTIMATED RESIDENT POPULATION, STATES AND TERRITORIES**  
( ' 000 persons)

As at end of	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
<i>1986—</i>									
June	5,531.5	4,160.9	2,624.6	1,382.6	1,459.0	446.5	154.4	258.9	16,018.4
September	5,549.6	4,172.2	2,637.1	1,385.3	1,469.7	447.1	155.2	260.7	16,076.9
December	5,572.3	4,183.4	2,649.7	1,388.2	1,479.5	447.7	155.9	262.5	16,139.0
<i>1987—</i>									
March	5,592.6	4,196.4	2,663.9	1,391.4	1,490.0	447.6	156.6	264.5	16,203.0
June	5,612.2	4,208.9	2,676.8	1,394.2	1,500.5	447.9	156.7	266.1	16,263.3
September p	5,632.7	4,221.1	2,689.6	1,397.5	1,510.1	447.7	157.2	268.0	16,323.8
December p	5,660.5	4,233.6	2,706.2	1,401.2	1,519.9	447.8	156.7	269.7	16,395.6

**TABLE 3. ESTIMATED RESIDENT POPULATION BY SEX, STATES AND TERRITORIES,  
30 JUNE AND 31 DECEMBER  
( ' 000)**

	<i>N.S.W.</i>	<i>Vic.</i>	<i>Qld</i>	<i>S.A.</i>	<i>W.A.</i>	<i>Tas.</i>	<i>N.T.</i>	<i>A.C.T.</i>	<i>Australia</i>
<b>MALES</b>									
<i>As at 30 June—</i>									
1982	2,643.5	1,981.6	1,219.4	660.1	676.9	213.7	69.4	116.4	7,580.9
1983	2,668.0	2,003.1	1,248.7	667.9	691.7	215.1	72.3	119.4	7,686.3
1984	2,692.1	2,023.3	1,269.6	675.2	702.5	217.4	75.7	122.5	7,778.2
1985	2,723.3	2,045.0	1,293.2	681.2	715.6	219.8	79.0	125.5	7,882.7
1986 (a)	2,757.0	2,065.7	1,320.6	687.8	736.1	221.7	81.7	129.6	8,000.2
1987	2,795.9	2,089.7	1,345.2	693.7	757.5	222.3	82.8	133.4	8,120.5
<b>FEMALES</b>									
1982	2,660.1	2,011.3	1,205.2	671.0	662.0	216.2	60.9	116.7	7,603.3
1983	2,684.9	2,032.6	1,233.6	677.8	677.4	217.7	63.6	119.5	7,707.1
1984	2,710.6	2,053.1	1,254.3	684.8	688.8	220.4	66.5	122.7	7,801.2
1985	2,741.3	2,075.0	1,278.0	690.0	702.9	223.0	69.5	125.8	7,905.6
1986 (a)	2,774.5	2,095.1	1,304.0	694.8	722.9	224.8	72.7	129.3	8,018.2
1987	2,816.3	2,119.2	1,331.6	700.4	743.0	225.6	73.9	132.7	8,142.8
<b>MALES</b>									
<i>As at 31 December—</i>									
1982	2,655.5	1,991.5	1,235.5	663.6	684.8	214.2	70.7	117.4	7,633.2
1983	2,678.3	2,012.4	1,259.1	671.7	697.6	216.1	74.2	120.9	7,730.4
1984	2,706.6	2,033.6	1,281.0	678.0	708.1	218.4	77.3	123.4	7,826.4
1985	2,739.3	2,055.4	1,306.3	684.4	725.0	220.7	80.9	128.0	7,940.0
1986	2,776.3	2,076.8	1,332.3	690.6	746.6	222.2	82.4	131.5	8,058.8
1987 p	2,819.7	2,102.9	1,358.9	697.0	767.5	222.2	82.8	135.3	8,186.2
<b>FEMALES</b>									
1982	2,672.7	2,021.2	1,220.9	674.1	670.2	216.8	62.1	117.6	7,655.7
1983	2,696.7	2,042.1	1,244.1	681.5	683.4	219.0	65.3	121.1	7,753.1
1984	2,725.2	2,064.0	1,266.0	687.4	695.0	221.7	68.0	123.7	7,850.9
1985	2,757.1	2,085.0	1,290.8	692.4	711.9	223.9	71.4	127.9	7,960.5
1986	2,796.0	2,106.7	1,317.3	697.5	732.9	225.4	73.4	131.0	8,080.3
1987 p	2,840.8	2,130.7	1,347.3	704.2	752.4	225.6	74.0	134.4	8,209.4

(a) Census date.

**TABLE 4. ESTIMATED RESIDENT POPULATION IN CAPITAL CITIES AND OTHER MAJOR CITIES, 30 JUNE 1976 TO 1987  
( ' 000)**

	<i>1976</i>	<i>1981</i>	<i>1982 (a)</i>	<i>1983 (a)</i>	<i>1984 (a)</i>	<i>1985 (a)</i>	<i>1986 (a)</i>	<i>1987 p</i>
Sydney(b)	3,143.8	3,279.5	3,318.7	3,350.7	3,382.9	3,425.2	3,472.7	3,525.9
Melbourne(b)	2,723.7	2,806.3	2,833.8	2,861.7	2,884.6	2,909.1	2,931.9	2,964.8
Brisbane(b)	1,000.9	1,096.2	1,128.7	1,148.3	1,161.2	1,176.5	1,196.0	1,214.9
Adelaide(b)	924.1	953.7	962.5	973.4	984.3	994.0	1,003.8	1,012.8
Perth(b)	832.8	922.0	952.4	976.8	995.6	1,018.2	1,050.4	1,080.2
Hobart(b)	164.4	171.1	172.2	173.4	175.5	177.5	179.0	180.0
Darwin(b)	44.2	56.4	61.8	65.1	68.9	72.2	74.8	76.4
Canberra(c)(d)	226.5	246.5	252.1	258.4	265.2	272.3	281.0	286.0
Newcastle(c)	380.0	402.7	408.6	410.5	412.5	414.2	416.1	419.0
Wollongong(c)	222.3	231.4	232.1	232.5	232.3	232.3	232.5	233.7
Gold Coast(c)(e)	110.9	162.7	175.9	184.3	192.0	200.0	209.1	219.2
Geelong(c)	138.3	142.0	142.5	143.0	144.0	145.3	145.9	149.3
Townsville(c)	90.5	96.3	98.6	100.7	102.1	103.9	106.3	108.3

(a) Revised in the light of 1986 Census results. (b) Capital City Statistical Division. (c) Statistical District of 100,000 or more. (d) Includes Queanbeyan in New South Wales. (e) Includes part of Tweed Shire in New South Wales.

TABLE 5. MEAN RESIDENT POPULATIONS, FINANCIAL AND CALENDAR YEARS, STATES AND TERRITORIES ('000)

	<i>N.S.W.</i>	<i>Vic.</i>	<i>Qld</i>	<i>S.A.</i>	<i>W.A.</i>	<i>Tas.</i>	<i>N.T.</i>	<i>A.C.T.</i>	<i>Australia</i>
MALES									
<i>Year ended 30 June—</i>									
1982	2,625.3	1,969.8	1,199.9	657.0	667.5	213.1	67.8	114.8	7,515.3
1983	2,656.4	1,992.2	1,235.3	663.9	684.7	214.2	70.8	117.6	7,635.0
1984	2,679.3	2,013.0	1,259.2	671.7	697.3	216.2	74.1	120.8	7,731.7
1985	2,707.6	2,034.0	1,281.4	678.2	708.6	218.5	77.3	123.6	7,829.2
1986	2,739.8	2,055.4	1,306.4	684.4	725.2	220.7	80.7	127.7	7,940.3
1987	2,776.1	2,077.3	1,332.9	690.7	746.7	222.1	82.4	131.5	8,059.7
FEMALES									
1982	2,642.6	1,999.3	1,186.8	668.0	652.8	215.5	59.5	115.1	7,539.5
1983	2,673.0	2,021.6	1,220.6	674.3	670.1	216.8	62.2	117.8	7,656.4
1984	2,697.2	2,042.6	1,244.1	681.4	683.2	218.9	65.2	121.0	7,753.5
1985	2,726.0	2,064.1	1,266.2	687.4	695.4	221.6	68.0	123.9	7,852.7
1986	2,757.5	2,085.0	1,290.7	692.4	712.3	223.9	71.3	127.7	7,960.8
1987	2,795.3	2,106.9	1,317.5	697.6	733.0	225.3	73.4	131.1	8,080.2
PERSONS									
1982	5,267.9	3,969.1	2,386.8	1,325.0	1,320.3	428.6	127.3	229.9	15,054.8
1983	5,329.4	4,013.8	2,455.9	1,338.1	1,354.8	431.0	133.0	235.4	15,291.5
1984	5,376.4	4,055.6	2,503.3	1,353.0	1,380.6	435.1	139.3	241.8	15,485.2
1985	5,433.6	4,098.1	2,547.6	1,365.6	1,404.1	440.1	145.3	247.6	15,681.9
1986	5,497.3	4,140.4	2,597.0	1,376.8	1,437.5	444.6	151.9	255.4	15,901.0
1987	5,571.4	4,184.2	2,650.4	1,388.3	1,479.8	447.4	155.8	262.6	16,139.9
MALES									
<i>Year ended 31 December—</i>									
1982	2,642.0	1,981.1	1,219.2	660.2	676.8	213.7	69.5	116.1	7,578.5
1983	2,668.1	2,002.8	1,248.2	667.9	691.4	215.1	72.5	119.2	7,685.3
1984	2,692.3	2,023.2	1,269.9	675.1	702.7	217.3	75.7	122.3	7,778.5
1985	2,723.3	2,044.9	1,293.4	681.1	716.0	219.6	79.0	125.5	7,882.8
1986	2,757.5	2,066.0	1,319.9	687.8	735.9	221.6	81.7	129.7	7,999.9
1987 p	2,796.5	2,089.7	1,345.5	693.8	757.2	222.2	82.8	133.4	8,121.0
FEMALES									
1982	2,658.9	2,010.7	1,205.0	671.1	661.9	216.2	61.0	116.4	7,601.1
1983	2,685.2	2,032.2	1,233.2	677.9	677.1	217.7	63.7	119.4	7,706.4
1984	2,710.6	2,053.1	1,254.7	684.5	689.1	220.3	66.6	122.5	7,801.5
1985	2,741.4	2,074.8	1,278.1	689.9	703.0	222.9	69.6	125.7	7,905.5
1986	2,775.5	2,095.6	1,303.9	695.0	722.7	224.8	72.5	129.4	8,019.2
1987 p	2,816.7	2,119.0	1,331.5	700.7	742.9	225.5	74.0	132.8	8,143.0
PERSONS									
1982	5,300.8	3,991.8	2,424.2	1,331.4	1,338.7	429.8	130.5	232.5	15,179.6
1983	5,353.3	4,035.0	2,481.4	1,345.8	1,368.5	432.8	136.2	238.6	15,391.7
1984	5,402.9	4,076.3	2,524.6	1,359.6	1,391.8	437.6	142.3	244.9	15,580.0
1985	5,464.7	4,119.7	2,571.5	1,371.1	1,419.0	442.5	148.6	251.2	15,788.3
1986	5,533.0	4,161.5	2,623.8	1,382.7	1,458.5	446.4	154.3	259.0	16,019.2
1987 p	5,613.2	4,208.7	2,676.9	1,394.5	1,500.1	447.7	156.8	266.2	16,264.1

**TABLE 6. RATES OF RESIDENT POPULATION GROWTH, STATES AND TERRITORIES**  
(per cent)

<i>Year ended 30 June</i>	<i>N.S.W.</i>	<i>Vic.</i>	<i>Qld</i>	<i>S.A.</i>	<i>W.A.</i>	<i>Tas.</i>	<i>N.T.</i>	<i>A.C.T.</i>	<i>Australia</i>
<b>NATURAL INCREASE</b>									
1982	0.78	0.77	0.94	0.70	1.09	0.88	1.94	1.43	0.84
1983	0.81	0.74	0.99	0.68	1.07	0.84	1.86	1.38	0.85
1984	0.77	0.76	0.97	0.77	1.02	0.85	1.86	1.37	0.84
1985	0.78	0.74	0.88	0.71	1.02	0.82	1.76	1.30	0.82
1986	0.72	0.71	0.85	0.67	1.01	0.75	1.88	1.24	0.78
1987	0.75	0.73	0.83	0.65	1.01	0.79	1.75	1.19	0.79
<b>NET OVERSEAS MIGRATION</b>									
1982	0.94	0.79	0.75	0.65	1.40	0.22	0.96	0.54	0.86
1983	0.49	0.49	0.36	0.48	0.84	0.14	0.37	0.23	0.48
1984	0.39	0.36	0.13	0.29	0.31	0.15	0.61	0.28	0.32
1985	0.58	0.49	0.30	0.32	0.56	0.18	0.74	0.27	0.47
1986	0.75	0.64	0.44	0.37	0.92	0.20	0.81	0.56	0.64
1987	0.90	0.74	0.47	0.41	1.12	0.18	0.62	0.54	0.74
<b>NET INTERSTATE MIGRATION</b>									
1982	-0.37	-0.37	1.51	-0.37	0.27	-0.47	1.69	-0.07	..
1983	-0.32	-0.13	0.86	-0.02	0.11	-0.28	0.41	0.42	..
1984	-0.19	-0.08	0.40	0.04	0.05	0.16	0.53	0.39	..
1985	-0.17	-0.14	0.51	-0.17	0.14	0.18	0.43	0.48	..
1986	-0.23	-0.32	0.64	-0.10	0.66	-0.03	-0.33	0.71	..
1987	-0.19	-0.32	0.69	-0.23	0.72	-0.64	-0.91	1.04	..
<b>NET MIGRATION GAIN</b>									
1982	0.57	0.42	2.26	0.28	1.67	-0.26	2.65	0.46	0.86
1983	0.16	0.36	1.21	0.46	0.95	-0.14	0.78	0.66	0.48
1984	0.19	0.28	0.53	0.34	0.37	0.31	1.15	0.68	0.32
1985	0.41	0.35	0.82	0.15	0.70	0.35	1.17	0.75	0.47
1986	0.52	0.32	1.08	0.27	1.58	0.17	0.48	1.27	0.64
1987	0.71	0.42	1.16	0.19	1.84	-0.46	-0.29	1.58	0.74
<b>TOTAL POPULATION GROWTH (a)</b>									
1982	1.31	1.16	3.38	0.94	2.99	0.61	6.28	2.40	1.75
1983	0.93	1.07	2.38	1.10	2.25	0.69	4.30	2.55	1.38
1984	0.93	1.01	1.67	1.06	1.62	1.14	4.59	2.56	1.21
1985	1.14	1.07	1.88	0.82	1.96	1.16	4.49	2.56	1.34
1986	1.23	0.99	2.08	0.83	2.85	0.82	3.96	2.99	1.46
1987	1.46	1.16	1.99	0.84	2.84	0.33	1.46	2.77	1.53

(a) Discrepancies between the sum of natural increase and net migration rates and the rates of total growth are due to intercensal adjustment.

**TABLE 7. NATURAL INCREASE(a), STATES AND TERRITORIES OF USUAL RESIDENCE**

	<i>N.S.W.</i>	<i>Vic.</i>	<i>Qld</i>	<i>S.A.</i>	<i>W.A.</i>	<i>Tas.</i>	<i>N.T.</i>	<i>A.C.T.</i>	<i>Australia</i>
<i>Year ended 30 June—</i>									
1982	40,918	30,346	22,088	9,182	14,144	3,769	2,378	3,261	126,086
1983	42,832	29,378	23,960	9,106	14,316	3,607	2,430	3,217	128,846
1984	41,263	30,596	24,087	10,319	13,911	3,665	2,532	3,284	129,657
1985	(b)41,904	30,269	22,274	9,697	14,215	3,578	2,502	3,178	(b)127,617
1986	(b)39,430	29,094	21,779	9,230	14,292	3,318	2,795	3,108	(b)123,046
1987	41,300	30,555	21,775	9,035	14,671	3,514	2,702	3,087	126,639
<i>Quarter ended—</i>									
<i>1986—</i>									
June	9,623	7,808	6,533	2,513	4,177	864	674	802	32,994
Sept.	8,403	7,218	5,345	2,089	3,448	904	685	723	28,815
Dec.	12,709	7,530	5,120	2,263	3,530	892	576	860	33,480
<i>1987—</i>									
Mar.	9,839	8,035	5,556	2,554	3,442	891	822	778	31,917
June	10,349	7,772	5,754	2,129	4,251	827	619	726	32,427
Sept. p	5,577	7,087	4,565	2,054	3,712	728	747	780	29,250
Dec. p	14,167	7,023	4,569	1,967	3,055	714	667	838	33,000

(a) Calculated at a more preliminary stage of processing in order to compile the population estimates at the end of the period. Figures may therefore vary from the difference between registered births and deaths shown separately in this bulletin. (b) Adjusted for late registrations in 1984 of births and deaths in New South Wales.

TABLE 8. NET ESTIMATED OVERSEAS MIGRATION(a), STATES AND TERRITORIES

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
<i>Year ended 30 June—</i>									
1982	49,393	31,144	17,565	8,520	18,157	930	1,183	1,225	128,117
1983	25,740	19,674	8,621	6,417	11,209	611	482	541	73,295
1984	20,698	14,730	3,267	3,969	4,268	659	832	675	49,098
1985	31,279	20,158	7,665	4,329	7,794	769	1,056	658	73,708
1986	40,922	26,420	11,382	5,084	13,036	890	1,205	1,420	100,359
1987	49,693	30,961	12,270	5,803	16,362	795	952	1,402	118,238
<i>Quarter ended—</i>									
<i>1986—</i>									
June	9,202	5,552	3,118	1,197	3,546	148	327	267	23,357
Sept.	12,303	7,329	3,421	1,562	4,215	208	279	307	29,624
Dec.	11,525	7,627	2,851	1,814	4,089	275	155	342	28,678
<i>1987—</i>									
Mar.	13,609	8,946	2,717	1,279	4,432	160	288	614	32,045
June	12,256	7,059	3,281	1,148	3,626	152	230	139	27,891
Sept. p	13,078	8,535	3,606	1,180	4,015	234	265	362	31,275
Dec. p	16,939	9,904	5,036	1,651	4,723	244	130	135	38,762

(a) Estimates of net overseas migration include an adjustment for 'category jumping' (see notes and definitions and the Appendix at the back of this publication) and are therefore different from the net permanent and long-term movements presented in tables in the Overseas Migration section. However, the 'category jumping' adjustment has not been made for preliminary estimates for September and December quarters 1987.

TABLE 9. NET ESTIMATED INTERSTATE MIGRATION, STATES AND TERRITORIES

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
<i>Year ended 30 June—</i>									
1982	-19,584	-14,429	35,453	-4,875	3,558	-2,022	2,069	-170	..
1983	-17,181	-5,136	20,831	-328	1,510	-1,214	530	988	..
1984	-10,267	-3,340	9,959	553	732	695	726	942	..
1985	-9,328	-5,799	12,920	-2,317	1,970	777	608	1,169	..
1986	-12,462	-13,201	16,500	-1,417	9,428	-138	-493	1,783	..
1987	-10,312	-13,448	18,113	-3,239	10,443	-2,841	-1,401	2,685	..
<i>Quarter ended—</i>									
<i>1986—</i>									
June	-3,145	-2,830	4,020	-470	2,770	151	-787	291	..
Sept.	-2,662	-3,273	3,740	-918	3,025	-534	-172	794	..
Dec.	-1,568	-3,890	4,610	-1,192	2,141	-538	-79	516	..
<i>1987—</i>									
Mar.	-3,122	-4,025	5,899	-568	2,645	-1,106	-365	642	..
June	-2,960	-2,260	3,864	-561	2,632	-663	-785	733	..
Sept. p	-2,199	-3,459	4,643	161	1,836	-1,238	-496	752	..
Dec. p	-3,331	-4,479	6,986	54	2,070	-781	-1,238	719	..

TABLE 10. NET ESTIMATED MIGRATION GAIN(a), STATES AND TERRITORIES

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
<i>Year ended 30 June—</i>									
1982	29,809	16,715	53,018	3,645	21,715	-1,092	3,252	1,055	128,117
1983	8,559	14,538	29,452	6,089	12,719	-603	1,012	1,529	73,295
1984	10,431	11,390	13,226	4,522	5,000	1,354	1,558	1,617	49,098
1985	21,951	14,359	20,585	2,012	9,764	1,546	1,664	1,827	73,708
1986	28,460	13,219	27,882	3,667	22,464	752	712	3,203	100,359
1987	39,381	17,513	30,383	2,564	26,805	-2,046	-449	4,087	118,238
<i>Quarter ended—</i>									
<i>1986—</i>									
June	6,057	2,722	7,138	727	6,316	299	-460	558	23,357
Sept.	9,641	4,056	7,161	644	7,240	-326	107	1,101	29,624
Dec.	9,957	3,737	7,461	622	6,230	-263	76	858	28,678
<i>1987—</i>									
Mar.	10,487	4,921	8,616	711	7,077	-946	-77	1,256	32,045
June	9,296	4,799	7,145	587	6,258	-511	-555	872	27,891
Sept. p	10,879	5,076	8,249	1,341	5,851	-1,004	-231	1,114	31,275
Dec. p	13,608	5,425	12,022	1,705	6,793	-537	-1,108	854	38,762

(a) The sum of net estimated overseas migration as shown in Table 8 and net estimated interstate migration as shown in Table 9.

TABLE 11. ESTIMATED RESIDENT POPULATION BY AGE GROUPS,  
STATES AND TERRITORIES, 30 JUNE 1987

Age group (years)	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
MALES									
0- 4	213,461	155,051	105,713	50,762	61,199	18,034	8,000	10,714	622,934
5- 9	208,553	153,660	105,311	48,955	59,631	17,712	7,834	11,038	612,694
10-14	219,918	166,902	113,658	52,690	61,181	18,426	7,410	12,016	652,201
15-19	234,170	188,496	120,896	59,682	66,454	19,776	6,999	12,820	709,293
20-24	225,792	175,363	112,191	58,665	64,181	17,215	8,434	12,781	674,622
25-29	237,712	178,094	113,539	59,906	67,326	18,741	8,888	12,333	696,539
30-34	222,547	166,896	104,249	55,157	63,718	17,367	7,887	11,562	649,383
35-39	218,220	161,181	103,416	53,361	62,109	16,713	7,793	12,266	635,059
40-44	196,392	143,251	93,020	46,886	53,567	14,803	6,157	10,295	564,371
45-49	155,688	115,248	73,073	36,659	41,654	11,870	4,390	7,585	446,167
50-54	136,463	101,643	60,983	32,909	34,565	10,172	2,977	5,595	385,307
55-59	136,117	100,510	59,401	34,164	32,650	10,298	2,324	4,731	380,195
60-64	127,938	92,556	56,589	33,365	29,158	9,958	1,632	3,811	355,007
65-69	101,212	70,888	46,857	26,633	21,932	7,728	960	2,613	278,823
70-74	76,749	54,652	35,231	20,604	17,175	6,350	613	1,649	213,023
75-79	48,594	36,562	22,910	13,168	11,586	3,999	282	936	138,037
80-84	24,180	18,899	11,781	6,607	6,337	2,076	119	441	70,440
85 and over	12,213	9,878	6,389	3,560	3,052	1,064	75	215	36,446
All ages	2,795,919	2,089,730	1,345,207	693,733	757,475	222,302	82,774	133,401	8,120,541
FEMALES									
0- 4	203,809	147,880	99,833	48,506	57,968	17,388	7,836	10,483	593,703
5- 9	198,994	146,894	98,911	46,510	55,871	16,986	7,165	10,792	582,123
10-14	209,856	158,156	108,016	49,405	57,976	17,601	6,709	11,490	619,209
15-19	223,505	180,718	115,847	56,680	63,409	19,269	6,666	12,533	678,627
20-24	217,457	171,703	107,505	55,646	61,531	17,240	7,689	12,330	651,101
25-29	233,151	176,239	110,199	57,932	64,804	18,579	8,390	12,018	681,312
30-34	221,193	167,983	102,984	54,752	62,700	17,493	7,500	11,806	646,411
35-39	212,937	161,660	101,190	53,020	59,513	16,527	6,705	12,508	624,060
40-44	186,010	138,527	88,840	45,643	48,860	14,155	4,819	10,035	536,889
45-49	147,433	109,671	67,820	35,749	38,750	11,436	3,266	7,111	421,236
50-54	130,326	98,036	57,801	32,167	32,586	10,003	2,178	5,193	368,290
55-59	132,291	96,720	57,475	33,145	30,564	10,049	1,635	4,281	366,160
60-64	134,258	97,712	57,198	34,912	29,004	10,193	1,323	4,001	368,601
65-69	115,923	81,778	50,742	30,330	24,468	9,064	859	2,963	316,127
70-74	97,462	70,257	42,561	25,507	21,333	7,795	556	2,203	267,674
75-79	72,420	53,627	30,565	19,082	16,268	5,765	297	1,491	199,515
80-84	44,509	34,350	18,886	11,765	10,089	3,399	171	828	123,997
85 and over	34,791	27,305	15,185	9,670	7,338	2,697	136	621	97,743
All ages	2,816,325	2,119,216	1,331,558	700,421	743,032	225,639	73,900	132,687	8,142,778
PERSONS									
0- 4	417,270	302,931	205,546	99,268	119,167	35,422	15,836	21,197	1,216,637
5- 9	407,547	300,554	204,222	95,465	115,502	34,698	14,999	21,830	1,194,817
10-14	429,774	325,058	221,674	102,095	119,157	36,027	14,119	23,506	1,271,410
15-19	457,675	369,214	236,743	116,362	129,863	39,045	13,665	25,353	1,387,920
20-24	443,249	347,066	219,696	114,311	125,712	34,455	16,123	25,111	1,325,723
25-29	470,863	354,333	223,738	117,838	132,130	37,320	17,278	24,351	1,377,851
30-34	443,740	334,879	207,233	109,909	126,418	34,860	15,387	23,368	1,295,794
35-39	431,157	322,841	204,606	106,381	121,622	33,240	14,498	24,774	1,259,119
40-44	382,402	281,778	181,860	92,529	102,427	28,958	10,976	20,330	1,101,260
45-49	303,121	224,919	140,893	72,408	80,404	23,306	7,656	14,696	867,403
50-54	266,789	199,679	118,784	65,076	67,151	20,175	5,155	10,788	753,597
55-59	268,408	197,230	116,876	67,309	63,214	20,347	3,959	9,012	746,355
60-64	262,196	190,268	113,787	68,277	58,162	20,151	2,955	7,812	723,608
65-69	217,135	152,666	97,599	56,963	46,400	16,792	1,819	5,576	594,950
70-74	174,211	124,909	77,792	46,111	38,508	14,145	1,169	3,852	480,697
75-79	121,014	90,189	53,475	32,250	27,854	9,764	579	2,427	337,552
80-84	68,689	53,249	30,667	18,372	16,426	5,475	290	1,269	194,437
85 and over	47,004	37,183	21,574	13,230	10,390	3,761	211	836	134,189
All ages	5,612,244	4,208,946	2,676,765	1,394,154	1,500,507	447,941	156,674	266,088	16,263,319

TABLE 12. ESTIMATED RESIDENT POPULATION BY AGE GROUPS,  
AUSTRALIA, 30 JUNE 1976, 1981, 1986 AND 1987

Age group (years)	Number				Per cent of total population			
	1976	1981	1986	1987	1976	1981	1986	1987
<b>MALES</b>								
0- 4	632,298	583,218	619,020	622,934	4.51	3.91	3.86	3.83
5- 9	655,996	649,103	604,878	612,694	4.67	4.35	3.78	3.77
10-14	652,288	672,237	672,202	652,201	4.65	4.50	4.20	4.01
15-19	643,699	660,779	688,551	709,293	4.59	4.43	4.30	4.36
20-24	592,784	659,839	680,422	674,622	4.22	4.42	4.25	4.15
25-29	599,550	622,410	681,757	696,539	4.27	4.17	4.26	4.28
30-34	502,792	622,253	635,695	649,383	3.58	4.17	3.97	3.99
35-39	433,617	504,178	641,746	635,059	3.09	3.38	4.01	3.90
40-44	385,744	427,182	520,117	564,371	2.75	2.86	3.25	3.47
45-49	411,312	377,330	433,181	446,167	2.93	2.53	2.70	2.74
50-54	393,500	395,549	376,999	385,307	2.80	2.65	2.35	2.37
55-59	321,856	370,137	384,834	380,195	2.29	2.48	2.40	2.34
60-64	281,141	291,847	351,599	355,007	2.00	1.96	2.19	2.18
65-69	218,207	250,145	266,052	278,823	1.55	1.68	1.66	1.71
70-74	149,580	176,029	209,344	213,023	1.07	1.18	1.31	1.31
75-79	88,772	106,191	132,742	138,037	0.63	0.71	0.83	0.85
80-84	43,985	52,056	66,341	70,440	0.31	0.35	0.41	0.43
85 and over	24,913	27,784	34,707	36,446	0.18	0.19	0.22	0.22
<i>All ages</i>	<i>7,032,034</i>	<i>7,448,267</i>	<i>8,000,187</i>	<i>8,120,541</i>	<i>50.11</i>	<i>49.91</i>	<i>49.94</i>	<i>49.93</i>
<b>FEMALES</b>								
0- 4	605,593	556,400	589,465	593,703	4.32	3.73	3.68	3.65
5- 9	625,093	620,451	574,610	582,123	4.45	4.16	3.59	3.58
10-14	615,827	644,131	639,343	619,209	4.39	4.32	3.99	3.81
15-19	617,078	636,266	658,671	678,627	4.40	4.26	4.11	4.17
20-24	580,574	642,027	656,287	651,101	4.14	4.30	4.10	4.00
25-29	583,738	607,572	666,710	681,312	4.16	4.07	4.16	4.19
30-34	472,595	604,689	633,512	646,411	3.37	4.05	3.95	3.97
35-39	409,597	484,894	624,946	624,060	2.92	3.25	3.90	3.84
40-44	363,594	406,623	494,215	536,889	2.59	2.72	3.09	3.30
45-49	384,193	358,334	409,091	421,236	2.74	2.40	2.55	2.59
50-54	382,944	379,060	359,852	368,290	2.73	2.54	2.25	2.26
55-59	328,312	370,456	370,702	366,160	2.34	2.48	2.31	2.25
60-64	304,541	321,296	367,834	368,601	2.17	2.15	2.30	2.27
65-69	247,930	286,071	304,099	316,127	1.77	1.92	1.90	1.94
70-74	188,866	225,431	263,853	267,674	1.35	1.51	1.65	1.65
75-79	141,525	154,420	191,700	199,515	1.01	1.03	1.20	1.23
80-84	89,363	102,067	118,684	123,997	0.64	0.68	0.74	0.76
85 and over	59,686	74,805	94,589	97,743	0.43	0.50	0.59	0.60
<i>All ages</i>	<i>7,001,049</i>	<i>7,474,993</i>	<i>8,018,163</i>	<i>8,142,778</i>	<i>49.89</i>	<i>50.09</i>	<i>50.06</i>	<i>50.07</i>
<b>PERSONS</b>								
0- 4	1,237,891	1,139,618	1,208,485	1,216,637	8.82	7.64	7.54	7.48
5- 9	1,281,089	1,269,554	1,179,488	1,194,817	9.13	8.51	7.36	7.35
10-14	1,268,115	1,316,368	1,311,545	1,271,410	9.04	8.82	8.19	7.82
15-19	1,260,777	1,297,045	1,347,222	1,387,920	8.98	8.69	8.41	8.53
20-24	1,173,358	1,301,866	1,336,709	1,325,723	8.36	8.72	8.34	8.15
25-29	1,183,288	1,229,982	1,348,467	1,377,851	8.43	8.24	8.42	8.47
30-34	975,387	1,226,942	1,269,207	1,295,794	6.95	8.22	7.92	7.97
35-39	843,214	989,072	1,266,692	1,259,119	6.01	6.63	7.91	7.74
40-44	749,338	833,805	1,014,332	1,101,260	5.34	5.59	6.33	6.77
45-49	795,505	735,664	842,272	867,403	5.67	4.93	5.26	5.33
50-54	776,444	774,609	736,851	753,597	5.53	5.19	4.60	4.63
55-59	650,168	740,593	755,536	746,355	4.63	4.96	4.72	4.59
60-64	585,682	613,143	719,433	723,608	4.17	4.11	4.49	4.45
65-69	466,137	536,216	570,151	594,950	3.32	3.59	3.56	3.66
70-74	338,446	401,460	473,197	480,697	2.41	2.69	2.95	2.96
75-79	230,297	260,611	324,442	337,552	1.64	1.75	2.03	2.08
80-84	133,348	154,123	185,025	194,437	0.95	1.03	1.16	1.20
85 and over	84,599	102,589	129,296	134,189	0.60	0.69	0.81	0.83
<i>All ages</i>	<i>14,033,083</i>	<i>14,923,260</i>	<i>16,018,350</i>	<i>16,263,319</i>	<i>100.00</i>	<i>100.00</i>	<i>100.00</i>	<i>100.00</i>

## BIRTHS, DEATHS, MARRIAGES AND DIVORCES

### Notes and definitions

*Occurrence and registration.* Births and deaths are registered in the State or Territory of occurrence which is not necessarily the State or Territory of usual or last residence of the mother or the deceased. Births and deaths are shown in the quarter or year of registration.

2. *Live births.* A live birth refers to a product of conception, irrespective of the duration of the pregnancy, which, after expulsion or extraction from its mother, breathes or shows any other evidence of life such as heart-beat.

3. *Crude birth and death rates.* The number of live births or deaths per 1,000 mean estimated resident population.

4. *Infant death rate.* The number of deaths under one year registered per 1,000 live births registered in the same year.

5. *Marriages.* Under the Australian *Marriage Act 1961*, marriages may be celebrated by a minister of religion registered as an authorised celebrant, by a district registrar or by other persons authorised by the Attorney-General. Notice of the intended marriage must be given to the celebrant at least one calendar month but within 3 calendar months before the marriage. A celebrant must transmit an official certificate of the marriage for registration to a district registrar in the State in which the marriage took place.

6. *Divorces.* The term divorce, as used in this publication, refers to decrees of dissolution of marriage.

7. *Crude marriage and divorce rate.* This is the number of marriages or divorces per 1,000 of the mean estimated resident population. (The usefulness of this rate is limited because a large and varying proportion of the population used in the denominator is below the minimum age of marriage or is unmarried. Age-specific marriage and

divorce rates can be found in the more detailed marriage and divorce publications listed under 'Related publications' at the beginning of this publication).

8. *Total fertility rate.* The sum of age-specific fertility rates (live births at each age of mother per 1,000 female population of that age). It represents the number of children a woman would bear during her lifetime if she experienced the rates of the period shown.

9. *Female gross reproduction rate.* The sum of female age-specific fertility rates. It represents the average number of daughters born to women all of whom survive to the end of the reproductive period and bear daughters at each age in accordance with the rates prevailing in a year.

10. *Female net reproduction rate.* This allows for mortality during the child-bearing period. It represents the average number of daughters born to women who are subject to the fertility rates of a year and the mortality as determined from a life table.

11. *Nuptial births.* Live births are identified as nuptial where the father registered was married to the mother at the time of the birth or where the husband died during the pregnancy.

12. *Life expectancy* refers to the average number of additional years a person of a given age and sex might expect to live if the age-specific death rates of the given period continued throughout his/her lifetime.

13. *The median age* is the age which divides the total numbers in a population into two equal halves.

14. *The median duration of marriage* is the duration (in years) which divides the number of marriages dissolved into two halves, one half of these marriages having lasted shorter, the other half longer than the duration shown.

TABLE 13. LIVE BIRTHS REGISTERED, STATE AND TERRITORY OF REGISTRATION

	N.S.W.(a)	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia(a)
NUMBER									
<i>Year ended 30 June—</i>									
1982	81,746	60,020	39,328	19,149	22,222	7,098	3,037	4,476	237,076
1983	83,640	59,928	41,827	19,533	22,404	6,963	2,961	4,508	241,764
1984	81,962	60,365	40,710	20,203	22,433	7,068	3,183	4,620	240,544
1985	83,248(76,273)	60,714	40,097	19,995	22,934	7,194	3,054	4,578	241,814(234,839)
1986	80,769(87,744)	60,139	40,223	19,736	23,249	6,946	3,443	4,611	239,115(246,090)
1987 p	83,117	61,433	39,814	19,944	23,729	6,935	3,358	4,677	243,007
<i>Year ended 31 December—</i>									
1982	83,489	59,983	40,540	19,294	22,236	7,002	2,880	4,479	239,903
1983	82,739	60,123	42,000	19,901	23,046	7,028	3,111	4,622	242,570
1984	81,752(77,314)	59,763	40,356	20,149	21,601	7,098	3,163	4,590	238,472(234,034)
1985	82,820(87,258)	61,726	40,275	19,889	23,066	7,213	3,302	4,619	242,910(247,348)
1986	84,009	60,387	40,166	19,826	24,175	6,911	3,307	4,627	243,408
1987 p	85,638	61,646	39,099	19,531	23,282	6,753	3,519	4,680	244,148
<i>Quarter ended—</i>									
<i>1986—</i>									
September	19,936	15,527	10,403	5,033	6,044	1,827	872	1,109	60,751
December	23,248	15,188	9,283	5,065	5,733	1,654	742	1,293	62,206
<i>1987—</i>									
March p	19,560	15,137	9,879	5,042	5,547	1,791	962	1,137	59,055
June p	20,373	15,581	10,249	4,804	6,405	1,663	782	1,138	60,995
September p	20,971	15,675	9,940	4,988	6,120	1,695	959	1,168	61,516
December p	24,734	15,253	9,031	4,697	5,210	1,604	816	1,237	62,582
CRUDE BIRTH RATES (PER 1,000 OF MEAN ESTIMATED RESIDENT POPULATION)									
<i>Year ended 31 December—</i>									
1982	15.8	15.0	16.7	14.5	16.6	16.3	22.1	19.3	15.8
1983	15.5	14.9	16.9	14.8	16.8	16.2	22.8	19.4	15.8
1984	15.1(14.3)	14.7	16.0	14.8	15.5	16.2	22.2	18.7	15.3(15.0)
1985	15.2(16.0)	15.0	15.7	14.5	16.3	16.3	22.2	18.4	15.4(15.7)
1986	15.2	14.5	15.3	14.3	16.6	15.5	21.4	17.9	15.2
1987 p	15.3	14.6	14.6	13.9	15.5	15.1	22.4	17.6	15.0

(a) The figures in brackets show numbers or rates of registered births prior to overcoming the 1984 backlog of unprocessed events in New South Wales.

TABLE 14. DEATHS REGISTERED, STATE AND TERRITORY OF REGISTRATION

	N.S.W.(a)	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia(a)
NUMBER									
<i>Year ended 30 June—</i>									
1982	41,078	29,431	17,446	9,903	8,078	3,340	716	998	110,990
1983	41,183	30,321	18,065	10,343	8,112	3,373	565	956	112,918
1984	41,061	29,514	16,847	9,811	8,559	3,424	677	994	110,887
1985	41,726(38,906)	30,181	18,084	10,255	8,755	3,609	583	1,004	114,197(111,377)
1986	41,716(44,536)	30,722	18,694	10,478	9,037	3,632	653	1,137	116,069(118,889)
1987 p	42,146	30,579	18,422	10,713	9,100	3,428	683	1,109	116,180
<i>Year ended 31 December—</i>									
1982	42,352	30,611	18,149	10,457	8,187	3,432	573	1,010	114,771
1983	40,323	29,320	17,200	9,882	8,359	3,311	738	951	110,084
1984	41,089(39,114)	29,493	17,522	10,128	8,514	3,549	550	1,044	111,889(109,914)
1985	42,069(44,044)	31,257	18,760	10,543	8,863	3,659	651	1,031	116,833(118,808)
1986	42,036	30,062	17,962	10,377	9,315	3,435	671	1,123	114,981
1987 p	42,004	31,481	18,974	10,656	8,850	3,596	680	1,125	117,366
<i>Quarter ended—</i>									
<i>1986—</i>									
September	11,606	8,195	5,209	2,923	2,611	915	189	288	31,936
December	10,647	7,573	4,246	2,780	2,230	775	187	288	28,726
<i>1987—</i>									
March p	9,795	7,056	4,397	2,465	2,172	904	143	245	27,177
June p	10,098	7,755	4,570	2,545	2,087	834	164	288	28,341
September p	11,486	8,503	5,454	2,925	2,422	966	218	292	32,266
December p	10,625	8,167	4,553	2,721	2,169	892	155	300	29,582
CRUDE DEATH RATES (PER 1,000 OF MEAN ESTIMATED RESIDENT POPULATION)									
<i>Year ended 31 December—</i>									
1982	8.0	7.7	7.5	7.9	6.1	8.0	4.4	4.3	7.6
1983	7.5	7.3	6.9	7.3	6.1	7.6	5.4	4.0	7.2
1984	7.6(7.2)	7.2	6.9	7.4	6.1	8.1	3.9	4.3	7.2(7.1)
1985	7.7(8.1)	7.6	7.3	7.7	6.2	8.3	4.4	4.1	7.4(7.5)
1986	7.6	7.2	6.8	7.5	6.4	7.7	4.3	4.3	7.2
1987 p	7.5	7.5	7.1	7.6	5.9	8.1	4.3	4.2	7.2

(a) The figures in brackets show numbers or rates of registered deaths prior to overcoming the 1984 backlog of unprocessed events in New South Wales.

TABLE 15. INFANT DEATHS REGISTERED, STATE AND TERRITORY OF REGISTRATION

	N.S.W.(a)	Vic.	Qld	S.A.	W.A.	Tas.	N. T.	A. C. T.	Australia(a)
NUMBER(b)									
<i>Year ended 30 June—</i>									
1982	818	597	463	193	199	63	70	52	2,455
1983	784	593	402	195	174	67	43	43	2,301
1984	785	545	375	164	220	75	50	46	2,260
1985	726(688)	547	415	167	223	81	47	44	2,250(2,212)
1986	837(875)	524	397	201	202	86	54	40	2,341(2,379)
1987 p	727	592	343	150	204	67	56	30	2,169
<i>Year ended 31 December—</i>									
1982	823	641	432	221	204	55	57	49	2,482
1983	805	561	426	189	177	74	52	43	2,327
1984	735(705)	525	368	158	230	81	44	52	2,193(2,163)
1985	810(840)	613	418	194	209	87	55	36	2,422(2,452)
1986	751	529	355	146	212	74	51	36	2,154
1987 p	709	506	375	168	195	66	55	41	2,115
<i>Quarter ended—</i>									
<i>1986—</i>									
September	203	215	95	35	59	26	14	12	659
December	173	136	71	34	54	9	15	5	497
<i>1987—</i>									
March p	176	100	92	35	53	20	9	7	492
June p	175	141	85	46	38	12	18	6	521
September p	208	122	101	39	71	17	15	12	585
December p	151	143	97	48	35	18	11	14	517

## INFANT MORTALITY RATES (PER 1,000 LIVE BIRTHS)

	(c)								
<i>Year ended 31 December—</i>									
1982	9.9	10.7	10.7	11.5	9.2	7.9	19.8	10.9	10.3
1983	9.6	8.9	10.1	9.8	7.6	10.4	16.4	9.3	9.4
1984	9.0(9.1)	8.8	9.1	7.8	10.7	11.4	13.9	11.3	9.2(9.2)
1985	9.8(9.6)	9.9	10.4	9.8	9.1	12.1	16.7	7.8	10.0(9.9)
1986	8.9	8.8	8.8	7.1	8.8	10.7	15.4	7.8	8.8
1987 p	8.3	8.2	9.6	8.7	8.4	9.8	15.6	8.8	8.7

(a) The figures in brackets show numbers or rates of registered infant deaths prior to overcoming the 1984 backlog of unprocessed events in New South Wales.  
 (b) Included in preceding table. (c) The Northern Territory infant death rate is affected, more than other States and the A.C.T., by the higher infant death rate among Aboriginals. For Aboriginal birth and death statistics published by the Commonwealth Department of Health, see Annual Reports of the Director-General of Health.

TABLE 16. MARRIAGES, STATES AND TERRITORIES

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
NUMBER									
<i>Year ended 30 June—</i>									
1982	41,212	29,008	18,761	10,617	10,370	3,526	839	1,722	116,055
1983	41,004	28,947	19,029	10,608	10,485	3,604	742	1,758	116,177
1984	40,197	28,971	18,850	10,761	10,239	3,792	777	1,815	115,402
1985	(a)39,670	29,619	18,324	10,294	10,514	3,571	767	1,819	(a)114,578
1986	(a)39,199	29,530	18,067	10,154	10,074	3,448	757	1,827	(a)113,056
1987 p	38,380	29,550	17,458	9,672	10,175	2,881	763	1,783	110,662
<i>Year ended 31 December—</i>									
1982	41,955	28,851	18,928	10,936	10,455	3,576	818	1,756	117,275
1983	39,995	28,974	18,645	10,550	10,519	3,644	776	1,757	114,860
1984	(a)33,938	28,931	19,039	10,643	9,920	3,704	731	1,749	(a)108,655
1985	(a)41,183	29,810	17,810	10,148	10,398	3,520	791	1,833	(a)115,493
1986	41,319	29,390	18,030	9,878	10,379	3,302	759	1,856	114,913
1987 p	40,650	29,684	18,234	9,697	10,152	3,139	768	1,761	114,085
<i>Quarter ended—</i>									
<i>1986—</i>									
September	7,445	4,910	4,227	1,759	1,698	520	249	312	21,120
December	9,378	8,673	4,686	2,735	2,912	792	164	572	29,912
<i>1987—</i>									
March p	12,568	9,137	4,194	3,094	3,114	1,065	158	455	33,785
June p	8,989	6,830	4,351	2,084	2,451	504	192	444	25,845
September p	7,390	5,140	4,564	1,664	1,654	778	238	287	21,715
December p	11,703	8,577	5,125	2,855	2,933	792	180	575	32,740

## CRUDE MARRIAGE RATES (PER 1,000 OF MEAN ESTIMATED RESIDENT POPULATION)

<i>Year ended 31 December—</i>									
1982	7.9	7.2	7.8	8.2	7.8	8.3	6.3	7.6	7.7
1983	7.5	7.2	7.5	7.8	7.7	8.4	5.7	7.4	7.5
1984	(a)6.3	7.1	7.5	7.8	7.1	8.5	5.1	7.1	(a)7.0
1985	(a)7.5	7.2	6.9	7.4	7.3	8.0	5.3	7.3	(a)7.3
1986	7.5	7.1	6.9	7.1	7.1	7.4	4.9	7.2	7.2
1987 p	7.2	7.1	6.8	7.0	6.8	7.0	4.9	6.6	7.0

(a) The rates and numbers for N.S.W. and Australia have been affected by late registrations in 1984 in N.S.W., part of which were made up in 1985.

TABLE 17. DIVORCES(a), STATES AND TERRITORIES

<i>Year ended</i> <i>31 December</i>	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.(b)	Australia
NUMBER									
1982	14,378	11,266	6,770	4,526	3,842	1,391	369	1,546	44,088
1983	14,023	10,663	7,474	4,431	3,822	1,359	371	1,382	43,525
1984	13,203	10,501	8,056	4,114	4,069	1,185	213	1,671	43,012
1985	11,871	9,688	6,816	4,216	4,039	1,169	301	1,730	39,830
1986	11,661	9,670	7,042	3,776	4,001	1,245	381	1,641	39,417
1987 p	11,962	9,625	6,918	4,050	4,045	1,022	327	1,599	39,548
CRUDE DIVORCE RATES (PER 1,000 OF MEAN ESTIMATED RESIDENT POPULATION)									
1982	2.7	2.8	2.8	3.4	2.9	3.2	2.8	6.7	2.9
1983	2.6	2.6	3.0	3.3	2.8	3.1	2.7	5.8	2.8
1984	2.4	2.6	3.2	3.0	2.9	2.7	1.5	6.8	2.8
1985	2.2	2.4	2.7	3.1	2.8	2.6	2.0	6.9	2.5
1986	2.1	2.3	2.7	2.7	2.7	2.8	2.5	6.3	2.5
1987 p	2.1	2.3	2.6	2.9	2.7	2.3	2.1	6.0	2.4

(a) Divorce figures shown refer to dissolutions of marriage only. (b) Many divorces registered in the A.C.T. involve applicants normally resident in areas surrounding the A.C.T. In 1984, only approximately 53 per cent of A.C.T. divorces granted were to applicants normally resident in the A.C.T. The A.C.T. rate is therefore not a statistically accurate reflection of the extent of divorce among A.C.T. residents.

TABLE 18. SELECTED SUMMARY MEASURES OF FERTILITY AND MORTALITY(a)

Year ended 31 December	Fertility				Mortality	
	Total fertility rate	Female gross reproduction rate	Female net reproduction rate	Proportion ex-nuptial (per cent)(b)	Life expectancy at birth(c)	
					Males	Females
1947	3.08	1.49	1.42	4.0	66.07	70.63
1954	3.19	1.60	1.50	4.0	67.14	72.75
1961	3.55	1.73	1.67	5.1	67.92	74.18
1966	2.88	1.40	1.36	7.4	67.63	74.15
1971	2.87	1.40	1.36	9.3	68.10	74.80
1976	2.06	1.00	0.98	10.1	69.56	76.56
1982	1.94	0.94	0.92	13.7	71.22	78.19
1983	1.93	0.94	0.92	14.7	72.09	78.72
1984(d)	1.88(1.85)	0.92(0.90)	0.90(0.89)	14.8	72.40	78.92
1985(d)	1.89(1.93)	0.92(0.94)	0.91(0.92)	15.5	72.32	78.76
1986	1.87	0.91	0.90	16.8	72.77	79.13

(a) For crude rates, see Tables 13 and 14. (b) Proportion of total live births. (c) For years 1947 to 1981 based on Official Life Tables calculated by the Australian Government Actuary. The figures for the years 1947 to 1981 are based on the mortality of three years, including the year before and the year after that shown. For all other years based on life tables calculated by the Australian Statistician. Because of the method of calculation these figures are subject to annual fluctuations which may not be indicative of a longer term trend. (d) The figures in brackets show rates based on registered births prior to overcoming the 1984 backlog of unprocessed events in New South Wales.

TABLE 19. SELECTED SUMMARY MEASURES OF MARRIAGES AND DIVORCES

Year ended 31 December	Marriages				Divorces(a)				Median duration of marriage (years)
	Median age at marriage				Median age				
	First marriage of		All marriages of		At marriage		At date decree made absolute		
	Bride- groom	Bride	Bride- groom	Bride	Husband	Wife	Husband	Wife	
1947	25.3	22.5	26.0	23.0	n.a.	n.a.	n.a.	n.a.	n.a.
1954	25.0	22.0	25.6	22.6	n.a.	n.a.	37.8	30.5	11.6
1961	24.3	21.4	24.9	21.8	24.7	21.7	38.7	35.9	12.6
1966	23.8	21.2	24.2	21.5	24.4	21.4	40.4	36.9	13.9
1971	23.4	21.1	23.8	21.4	23.7	21.0	37.9	34.4	12.5
1976	23.6	21.2	24.9	22.2	23.4	21.0	36.2	33.1	11.0
1977	23.8	21.4	25.2	22.5	23.3	20.7	36.1	33.0	10.9
1978	23.9	21.6	25.4	22.7	23.3	20.8	35.7	32.7	10.5
1979	24.1	21.7	25.6	22.9	23.4	20.8	35.6	32.8	10.3
1980	24.2	21.9	25.7	23.0	23.4	20.9	35.3	32.7	10.2
1981	24.4	22.1	25.9	23.3	23.5	20.9	35.5	32.8	10.2
1982	24.6	22.4	26.1	23.6	23.6	21.0	35.8	33.2	10.4
1983	24.9	22.7	26.4	23.9	23.7	21.1	36.3	33.7	10.5
1984	25.1	22.9	26.7	24.2	23.9	21.3	36.7	34.1	10.5
1985	25.4	23.2	27.0	24.5	24.0	21.4	37.2	34.4	10.5
1986	25.6	23.5	27.3	24.9	24.2	21.6	37.5	34.7	10.6

(a) There is a break in series due to the introduction of the Family Law Act.

## OVERSEAS ARRIVALS AND DEPARTURES

### Source of the statistics

Persons arriving in or departing from Australia are required to complete prescribed questionnaires in the form of Incoming and Outgoing Passenger cards. These cards provide information to the Department of Immigration, Local Government and Ethnic Affairs for administrative purposes and serve as the source of statistics of overseas arrivals and departures. In accordance with the *Census and Statistics Act 1905*, information relating to individuals, individual flights or ships and individual carriers which is contained in these cards or other documents is treated as confidential by the ABS.

### Scope

2. The statistics in this publication relate to the number of movements of travellers rather than the number of travellers (i.e. the multiple movements of individual persons during a given reference period are each counted separately). However, the statistics exclude the movements of operational air crew and ships' crew, transit passengers who pass through Australia but are not cleared for entry, and passengers on pleasure cruises commencing and finishing in Australia aboard ships not then engaged on regular voyages.

### Definitions

#### *Category of movement*

3. Category of movement is primarily determined by the passenger's selection of his or her own category on the passenger card. This selection is accepted provided it is consistent with other information on the card.

#### *Permanent movement*

4. Permanent movement comprises arrivals of settlers (i.e. persons who hold migrant visas, regardless of stated intended period of stay), New Zealand citizens who indicate an intention to settle and those who are otherwise eligible to settle (e.g. overseas born children of Australian citizens), and permanent departures of Australian residents, including former residents (i.e. those who on departure state they do not intend to return to Australia).

#### *Long-term movement*

5. Long-term movement is defined as the arrivals of visitors (except those who hold migrant visas—see paragraph 4 above) and the temporary departures by Australian residents with the intention to stay, in Australia or abroad respectively, for twelve months or more, together with the departure of visitors and the return of Australian residents who had stayed, in Australia or abroad, for twelve months or more (see also paragraph 7 below).

#### *Short-term movement*

6. Movements of travellers whose intended or actual period of stay is less than twelve months are classified as short-term except those who on arrival hold migrant visas (see also paragraph 7 below).

7. A significant number of travellers (i.e. visitors to Australia on arrival and Australian residents going abroad) state exactly 12 months or one year as their intended period of stay. Many of them stay for less than that period and on their departure from, or return to,

Australia are therefore classified as short-term. Accordingly, in an attempt to maintain consistency between arrivals and departures, movements of travellers who report their actual or intended period of stay as being one year exactly are randomly allocated to long-term or short-term, in proportion to the number of movements of travellers who report their actual length of stay as up to one month more, or one month less, than one year.

#### *State of residence*

8. State of residence refers to the State in which the traveller regards himself as living or as last having lived. State of intended residence is derived from the intended address given by settlers and Australian residents returning after a journey abroad. Particularly in the case of the former, this information does not necessarily relate to the State in which a traveller will eventually establish a permanent residence.

#### *Country of birth*

9. Statistics by country of birth have certain limitations. For instance, it is not possible to make a distinction between Northern Ireland and the Republic of Ireland, (for the tables in this publication 'Ireland' refers to 'The Republic of Ireland' plus 'Ireland, undefined'. Previously, these tables showed the U.K. and Ireland combined) nor to separately identify England, Scotland and Wales. Similarly 'Germany' could refer to the Federal Republic or to the Democratic Republic.

#### *Estimation method*

10. Overseas arrival and departure statistics are derived from a combination of full enumeration and sampling. Fully enumerated strata cover all movements by sea regardless of duration of stay, all permanent movements and all movements with a duration of stay of one year or more than one year. All movements by air with a duration of stay of less than one year are sampled and statistics relating to these movements are therefore estimates which may differ from statistics which would have been obtained if details of all these movements had been processed.

#### *Corrections and imputations*

11. The imprecision due to sampling errors should not be confused with errors arising from imperfections in reporting, which may occur in any data collection whether sampled or not. Every effort is made to minimise such errors, both through careful design of the passenger cards and through checks on the information once it is received. During the edit process some items are corrected where they conflict with other known information. Missing replies to certain items such as age and country of birth are also imputed by reference to other related items.

12. Errors of this kind differ from discrepancies arising from the fact that certain information reflects the passengers' intentions at the time the cards were completed. These intentions are of course subject to change. The items particularly affected by such discrepancies are the distinction between permanent and temporary movement and in the latter case, length of intended stay, country of intended stay, State of intended address and reason for journey.

TABLE 20. CATEGORIES OF OVERSEAS ARRIVALS

	Permanent arrivals	Arrivals of residents returning after		Arrivals of visitors for		Permanent and long-term arrivals	Total arrivals
		Long-term	Short-term	Long-term	Short-term		
<i>Year ended 30 June—</i>							
1982	118,030	57,860	1,200,100	34,760	951,600	210,650	2,362,400
1983	93,010	48,990	1,240,800	30,740	930,400	172,740	2,343,900
1984	68,820	49,190	1,261,000	27,280	992,400	145,290	2,398,700
1985	77,510	53,770	1,461,300	31,980	1,061,700	163,260	2,686,200
1986	92,590	56,560	1,485,500	37,250	1,263,500	186,400	2,935,300
1987	113,540	r53,600	1,523,800	r37,320	1,589,500	r204,460	r3,317,800
<i>Year ended 31 December—</i>							
1982	107,170	53,770	1,259,600	34,270	954,700	195,200	2,409,500
1983	78,390	47,810	1,219,700	27,380	943,900	153,580	2,317,100
1984	73,110	51,560	1,374,700	28,870	1,015,100	153,530	2,543,300
1985	82,000	55,670	1,494,700	34,880	1,142,600	172,550	2,809,900
1986	103,330	r55,300	1,513,200	r38,050	1,429,400	r196,690	r3,139,300
1987	128,280	53,600	1,586,400	39,740	1,784,900	221,610	3,592,800
<i>Quarter ended—</i>							
<i>1986—</i>							
September	26,630	12,350	444,700	8,180	309,600	47,170	801,500
December	27,900	r18,110	350,000	r6,670	477,100	r52,680	r879,800
<i>1987—</i>							
March	29,370	r12,740	399,300	r15,000	432,800	r57,100	r889,100
June	29,640	10,400	329,800	7,470	370,000	47,510	747,400
September	32,890	12,200	462,400	9,080	410,500	54,180	927,000
December	36,380	18,260	394,900	8,190	571,600	62,820	1,029,300

TABLE 21. CATEGORIES OF OVERSEAS DEPARTURES

	Permanent departures			Departures of residents for		Departures of visitors after		Permanent and long-term departures	Total departures
	Former settlers	Other residents	Total	Long-term	Short-term	Long-term	Short-term		
<i>Year ended 30 June—</i>									
1982	11,940	8,940	20,890	46,500	1,248,100	20,310	918,800	87,690	2,254,700
1983	15,390	9,440	24,830	47,020	1,259,100	25,440	907,500	97,290	2,263,900
1984	15,340	8,960	24,300	49,490	1,310,000	24,950	967,500	98,750	2,376,200
1985	11,040	9,340	20,380	51,710	1,497,800	23,160	1,032,200	95,250	2,625,300
1986	9,560	8,540	18,100	49,690	1,496,000	24,670	1,225,500	92,460	2,814,000
1987	10,800	9,130	19,930	r48,850	1,568,700	r26,540	1,524,400	r95,330	r3,188,400
<i>Year ended 31 December—</i>									
1982	13,350	9,140	22,490	46,890	1,286,900	22,960	921,500	92,340	2,300,700
1983	16,920	8,960	25,870	48,180	1,253,000	26,460	928,900	100,510	2,282,400
1984	12,550	9,760	22,310	50,780	1,418,600	23,270	985,800	96,360	2,500,800
1985	10,020	8,600	18,620	51,030	1,512,000	23,790	1,096,500	93,440	2,702,000
1986	9,960	8,860	18,820	r48,360	1,539,600	r25,270	1,363,800	r92,450	r2,995,800
1987	11,010	9,400	20,420	49,970	1,622,300	27,380	1,701,200	97,770	3,421,200
<i>Quarter ended—</i>									
<i>1986—</i>									
September	2,420	2,010	4,430	11,560	428,100	5,260	297,600	21,250	747,000
December	2,800	2,380	5,170	r9,610	397,200	r8,450	375,100	r23,240	r795,500
<i>1987—</i>									
March	2,940	2,600	5,540	r15,940	324,700	r6,710	469,800	r28,190	r822,700
June	2,650	2,140	4,790	11,740	418,700	6,120	381,900	22,650	823,200
September	2,600	2,450	5,050	12,080	467,500	5,770	395,700	22,900	886,100
December	2,820	2,210	5,040	10,210	411,400	8,780	453,800	24,030	889,200

TABLE 22. OVERSEAS MOVEMENT

	<i>Excess of arrivals over departures</i>						<i>Total</i>
	<i>Permanent</i>	<i>Residents</i>		<i>Visitors</i>		<i>Permanent and long-term</i>	
		<i>Long-term</i>	<i>Short-term</i>	<i>Long-term</i>	<i>Short-term</i>		
<i>Year ended 30 June—</i>							
1982	97,150	11,360	-48,000	14,450	32,800	122,960	107,700
1983	68,180	1,970	-18,200	5,300	22,800	75,450	80,100
1984	44,510	-300	-49,000	2,330	24,900	46,540	22,500
1985	57,130	2,060	-36,500	8,820	29,500	68,010	60,900
1986	74,490	6,860	-10,600	12,580	38,000	93,930	121,400
1987	93,610	r4,760	-44,900	r10,780	65,100	r109,130	r129,400
<i>Year ended 31 December—</i>							
1982	84,680	6,870	-27,300	11,310	33,200	102,860	108,800
1983	52,520	-380	-33,300	920	14,900	53,070	34,700
1984	50,800	770	-43,900	5,600	29,300	57,170	42,500
1985	63,380	4,640	-17,300	11,090	46,100	79,110	107,900
1986	84,510	r6,950	-26,400	r12,780	65,600	r104,240	r143,600
1987	107,860	3,630	-35,900	12,360	83,700	123,840	171,600
<i>Quarter ended—</i>							
<i>1986—</i>							
September	22,200	800	16,600	2,920	11,900	25,920	54,500
December	22,730	r8,500	-47,200	r-1,780	102,000	r29,440	r84,300
<i>1987—</i>							
March	23,830	r-3,200	74,600	r8,290	-37,000	r28,910	r66,400
June	24,850	-1,340	-88,900	1,350	-11,900	24,860	-75,800
September	27,840	120	-5,100	3,310	14,800	31,280	40,900
December	31,340	8,050	-16,500	-590	117,800	38,790	140,100

TABLE 23. SETTLER ARRIVALS : COUNTRY OF BIRTH

<i>Country of birth</i>	<i>Year ended 30 June</i>		<i>Year ended 31 December</i>		<i>Quarter ended</i>					
					<i>1986</i>		<i>1987</i>			
	<i>1986</i>	<i>1987</i>	<i>1986</i>	<i>1987</i>	<i>September</i>	<i>December</i>	<i>March</i>	<i>June</i>	<i>September</i>	<i>December</i>
<i>Africa—</i>										
South Africa	3,130	4,670	4,180	4,140	230	1,210	1,490	860	920	880
Other	2,650	3,930	3,160	4,920	1,570	1,060	1,130	1,050	1,240	1,500
<i>America—</i>										
Canada	930	1,040	960	1,030	290	290	240	220	320	260
U.S.A.	1,670	1,800	1,790	1,870	490	520	390	400	510	560
Other	4,120	4,290	3,850	4,540	950	930	1,120	1,290	1,180	950
<i>Asia(a)—</i>										
China	3,140	2,690	2,680	3,090	580	680	710	720	850	810
Hong Kong	3,120	3,400	3,260	4,260	910	740	1,000	760	1,280	1,230
India	2,140	2,540	2,140	2,870	570	500	690	780	700	700
Kampuchea	870	1,370	880	1,560	190	180	590	420	280	270
Lebanon	2,760	2,870	2,830	3,870	710	710	590	870	1,040	1,380
Malaysia	2,280	3,950	2,830	5,070	740	870	1,180	1,160	1,240	1,500
Philippines	4,130	6,410	4,850	8,960	1,220	1,530	1,510	2,150	2,550	2,750
Turkey (in Asia and Europe)	990	1,150	1,080	1,250	260	290	350	260	290	360
Vietnam	7,170	6,650	7,310	6,270	1,920	1,590	1,450	1,690	1,660	1,470
Other	10,050	14,100	11,910	15,670	3,230	3,270	3,620	3,970	3,860	4,220
<i>Europe—</i>										
Germany	1,030	1,390	1,260	1,470	340	380	340	330	390	410
Greece	880	950	890	940	210	280	220	230	200	280
Ireland	1,450	2,350	1,900	2,370	510	650	660	520	610	580
Italy	680	590	570	580	140	160	170	120	120	160
Netherlands	610	560	630	550	180	170	120	110	170	160
Poland	1,340	1,620	1,340	1,960	280	350	320	680	440	530
Portugal	1,000	1,170	1,070	1,450	290	240	360	280	410	400
United Kingdom	14,710	20,240	18,770	21,660	5,020	5,640	4,970	4,600	5,470	6,610
Yugoslavia	1,950	2,650	2,090	3,290	500	630	680	840	940	820
Other	4,100	4,570	4,330	5,170	1,010	1,300	1,200	1,060	1,330	1,580
<i>Oceania—</i>										
Australia	280	380	320	410	90	100	100	100	90	130
New Zealand	13,280	13,580	14,140	15,360	3,600	3,050	3,470	3,470	3,800	4,620
Other	2,140	2,640	2,300	3,730	610	580	740	710	1,020	1,260
Not stated	—	10	10	—	—	10	—	—	—	—
<b>Total</b>	<b>92,590</b>	<b>113,540</b>	<b>103,330</b>	<b>128,280</b>	<b>26,630</b>	<b>27,900</b>	<b>29,370</b>	<b>29,640</b>	<b>32,890</b>	<b>36,380</b>

(a) Includes countries which are frequently regarded as 'Middle East' countries.

TABLE 24. NET PERMANENT AND LONG-TERM OVERSEAS MOVEMENT : COUNTRY OF BIRTH

Country of birth	Year ended 30 June		Year ended 31 December		Quarter ended					
					1986		1987			
	1986	1987 r	1986 r	1987	September	December r	March r	June	September	December
Africa—										
South Africa	3,070	4,660	4,280	4,000	1,120	1,260	1,460	820	880	840
Other	2,560	3,850	3,230	4,780	720	1,040	1,150	940	1,220	1,470
America—										
Canada	690	860	970	770	280	330	240	110	210	210
U.S.A.	1,160	2,360	2,510	2,010	640	530	810	380	380	440
Other	3,940	4,110	3,650	4,410	890	820	1,110	1,290	1,130	880
Asia(a)—										
China	3,060	3,040	2,960	3,210	690	750	820	780	830	780
Hong Kong	3,050	3,150	3,020	4,310	880	410	1,190	670	1,240	1,210
India	2,070	2,410	2,040	2,790	540	450	660	760	680	690
Kampuchea	860	1,380	890	1,560	190	180	590	420	280	270
Lebanon	2,710	3,510	3,420	4,130	880	880	740	1,010	1,020	1,360
Malaysia	2,210	4,650	4,010	7,030	760	-430	3,470	850	1,220	1,490
Philippines	4,040	6,190	4,570	8,860	1,130	1,460	1,530	2,070	2,530	2,730
Turkey (in Asia and Europe)	940	1,340	1,190	1,310	240	420	400	280	270	360
Vietnam	7,090	6,600	7,340	6,200	1,900	1,570	1,440	1,690	1,630	1,440
Other	9,690	15,440	12,940	17,030	3,480	2,800	5,010	4,150	3,750	4,120
Europe—										
Germany	860	1,480	1,310	1,310	300	580	340	260	350	360
Greece	660	1,590	1,460	820	370	770	300	150	130	240
Ireland	1,280	2,370	1,810	2,320	480	650	720	520	560	520
Italy	400	700	690	350	170	350	100	80	60	110
Netherlands	470	560	670	410	170	200	110	80	120	100
Poland	1,260	1,530	1,340	1,820	260	370	280	620	420	500
Portugal	980	1,140	1,130	1,380	290	250	350	250	390	390
United Kingdom	11,310	18,440	18,100	17,890	4,910	5,980	4,050	3,500	4,620	5,720
Yugoslavia	1,580	2,620	2,060	3,090	390	770	790	670	870	760
Other	3,470	4,260	4,400	4,320	1,080	1,440	1,130	610	1,170	1,410
Oceania—										
Australia	-5,320	-4,180	-3,590	-9,640	-1,140	3,600	-4,550	-2,090	-1,670	-1,330
New Zealand	8,530	12,410	15,700	12,470	3,800	1,840	3,490	3,280	2,590	3,110
Other	1,880	2,630	2,270	4,060	520	180	1,200	730	970	1,160
Not stated	—	—	—	—	-10	—	—	—	—	—
<b>Total</b>	<b>74,490</b>	<b>109,140</b>	<b>104,240</b>	<b>112,950</b>	<b>25,920</b>	<b>29,450</b>	<b>28,910</b>	<b>24,860</b>	<b>27,840</b>	<b>31,340</b>

(a) Includes countries which are frequently regarded as 'Middle East' countries.

TABLE 25. PERMANENT AND LONG-TERM OVERSEAS ARRIVALS AND DEPARTURES : AGE AND SEX

Age group (years)	Year ended 30 June									
	Arrivals					Departures				
	1983	1984	1985	1986	1987 r	1983	1984	1985	1986	1987 r
<b>MALES</b>										
0-4	8,340	5,790	6,240	7,140	8,260	4,230	3,890	3,660	3,390	3,640
5-14	14,280	10,960	12,360	14,260	15,110	6,210	6,280	6,070	5,310	5,340
15-24	18,540	14,670	16,590	19,520	20,380	10,950	9,520	8,590	9,160	9,910
25-34	24,400	19,150	21,620	25,540	27,290	15,940	15,230	13,810	13,910	14,590
35-44	14,660	12,750	14,090	16,600	17,740	8,430	9,200	8,980	8,940	8,830
45-64	8,580	8,550	9,780	11,120	11,410	5,410	5,910	6,340	6,510	6,170
65 and over	2,850	2,810	2,830	3,330	3,640	1,430	1,650	1,810	1,510	1,520
<b>All ages</b>	<b>91,650</b>	<b>74,690</b>	<b>83,490</b>	<b>97,500</b>	<b>103,810</b>	<b>52,600</b>	<b>51,690</b>	<b>49,260</b>	<b>48,720</b>	<b>49,980</b>
<b>FEMALES</b>										
0-4	7,530	5,690	6,050	6,650	8,340	3,960	3,720	3,350	3,220	3,400
5-14	12,520	10,140	11,440	12,700	14,130	5,620	6,170	5,920	5,130	4,990
15-24	17,690	14,890	17,200	19,300	21,810	10,650	9,910	9,610	9,470	10,860
25-34	22,170	19,100	21,330	24,440	27,680	12,850	13,550	13,080	12,590	13,030
35-44	10,400	9,550	11,180	12,510	13,750	5,640	6,780	6,750	6,380	6,430
45-64	7,440	7,830	8,870	9,390	10,590	4,230	4,910	5,140	5,010	4,840
65 and over	3,340	3,390	3,710	3,900	4,360	1,740	2,010	2,150	1,970	1,810
<b>All ages</b>	<b>81,090</b>	<b>70,590</b>	<b>79,760</b>	<b>88,890</b>	<b>100,650</b>	<b>44,690</b>	<b>47,050</b>	<b>45,990</b>	<b>43,750</b>	<b>45,340</b>
<b>PERSONS</b>										
0-4	15,870	11,480	12,290	13,790	16,600	8,180	7,610	7,000	6,610	7,040
5-14	26,800	21,110	23,790	26,960	29,240	11,830	12,450	12,000	10,430	10,330
15-24	36,230	29,570	33,790	38,830	42,190	21,610	19,430	18,200	18,630	20,760
25-34	46,570	38,250	42,940	49,980	54,960	28,790	28,780	26,890	26,490	27,610
35-44	25,060	22,310	25,260	29,100	31,480	14,070	15,980	15,720	15,320	15,250
45-64	16,020	16,380	18,650	20,510	22,000	9,640	10,830	11,480	11,520	11,010
65 and over	6,190	6,200	6,530	7,230	8,000	3,180	3,660	3,960	3,470	3,320
<b>All ages</b>	<b>172,740</b>	<b>145,280</b>	<b>163,260</b>	<b>186,400</b>	<b>204,460</b>	<b>97,290</b>	<b>98,740</b>	<b>95,250</b>	<b>92,470</b>	<b>95,320</b>

TABLE 26. NET PERMANENT AND LONG-TERM OVERSEAS MOVEMENT : AGE AND SEX

Age group (years)	Year ended 30 June									
	Number					Per cent				
	1983	1984	1985	1986	1987 r	1983	1984	1985	1986	1987 r
<b>MALES</b>										
0-4	4,120	1,900	2,580	3,750	4,620	5.5	4.1	3.8	4.0	4.2
5-14	8,070	4,680	6,290	8,960	9,770	10.7	10.1	9.3	9.5	9.0
15-24	7,590	5,150	8,000	10,360	10,470	10.1	11.1	11.8	11.0	9.6
25-34	8,460	3,920	7,800	11,630	12,700	11.2	8.4	11.5	12.4	11.6
35-44	6,230	3,550	5,110	7,660	8,910	8.3	7.6	7.5	8.2	8.2
45-64	3,170	2,640	3,440	4,610	5,240	4.2	5.7	5.1	4.9	4.8
65 and over	1,410	1,160	1,020	1,820	2,120	1.9	2.5	1.5	1.9	1.9
<i>All ages</i>	<i>39,040</i>	<i>23,000</i>	<i>34,240</i>	<i>48,790</i>	<i>53,830</i>	<i>51.7</i>	<i>49.4</i>	<i>50.4</i>	<i>51.9</i>	<i>49.3</i>
<b>FEMALES</b>										
0-4	3,570	1,970	2,700	3,440	4,940	4.7	4.2	4.0	3.7	4.5
5-14	6,900	3,970	5,510	7,570	9,140	9.1	8.5	8.1	8.1	8.4
15-24	7,040	4,980	7,590	9,840	10,950	9.3	10.7	11.2	10.5	10.0
25-34	9,330	5,550	8,250	11,860	14,650	12.4	11.9	12.1	12.6	13.4
35-44	4,760	2,770	4,430	6,130	7,320	6.3	6.0	6.5	6.5	6.7
45-64	3,210	2,920	3,730	4,380	5,750	4.3	6.3	5.5	4.7	5.3
65 and over	1,600	1,380	1,560	1,940	2,550	2.1	3.0	2.3	2.1	2.3
<i>All ages</i>	<i>36,410</i>	<i>23,540</i>	<i>33,770</i>	<i>45,150</i>	<i>55,310</i>	<i>48.3</i>	<i>50.6</i>	<i>49.7</i>	<i>48.1</i>	<i>50.7</i>
<b>PERSONS</b>										
0-4	7,690	3,870	5,280	7,180	9,560	10.2	8.3	7.8	7.6	8.8
5-14	14,970	8,660	11,800	16,530	18,910	19.8	18.6	17.4	17.6	17.3
15-24	14,630	10,140	15,590	20,200	21,430	19.4	21.8	22.9	21.5	19.6
25-34	17,780	9,470	16,050	23,490	27,350	23.6	20.3	23.6	25.0	25.1
35-44	10,990	6,330	9,540	13,790	16,230	14.6	13.6	14.0	14.7	14.9
45-64	6,390	5,550	7,170	8,990	10,990	8.5	11.9	10.5	9.6	10.1
65 and over	3,010	2,540	2,580	3,760	4,680	4.0	5.5	3.8	4.0	4.3
<i>All ages</i>	<i>75,450</i>	<i>46,540</i>	<i>68,010</i>	<i>93,930</i>	<i>109,140</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>

TABLE 27. NET PERMANENT AND LONG-TERM OVERSEAS MOVEMENT : STATES AND TERRITORIES OF RESIDENCE

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Not stated	Australia
<i>Year ended 30 June—</i>										
1982	46,800	29,510	16,570	8,090	17,200	870	1,110	1,100	1,720	122,960
1983	26,400	20,010	8,810	6,520	11,340	640	500	620	610	75,450
1984	19,930	14,220	2,970	3,840	4,050	660	750	660	-540	46,540
1985	29,110	18,790	6,980	4,020	7,190	710	980	480	-260	68,010
1986	38,160	24,680	10,520	4,700	12,210	820	1,110	1,200	540	93,930
1987 r	46,220	28,850	11,240	5,370	15,280	730	870	1,160	-570	109,140
<i>Year ended 31 December—</i>										
1982	38,150	24,680	13,890	7,030	15,360	770	590	1,010	1,380	102,860
1983	19,470	15,840	4,360	5,040	6,630	600	760	520	-150	53,070
1984	25,110	17,170	4,800	3,870	4,950	700	720	470	-630	57,180
1985	32,920	21,260	8,460	4,130	9,370	610	1,140	820	410	79,110
1986 r	42,270	26,680	11,710	5,610	14,660	950	990	1,340	10	104,240
1987	53,560	33,060	13,960	4,980	16,080	730	860	1,100	-470	123,830
<i>Quarter ended—</i>										
<i>1986—</i>										
September	10,810	6,430	2,960	1,360	3,750	180	240	190	-10	25,920
December r	11,880	7,850	2,970	1,860	4,200	290	170	370	-130	29,450
<i>1987—</i>										
March r	12,420	8,190	2,380	1,130	4,060	130	260	520	-180	28,910
June	11,110	6,380	2,930	1,020	3,270	130	200	80	-250	24,860
September	13,080	8,540	3,610	1,180	4,020	230	270	360	—	31,270
December	16,950	9,950	5,040	1,650	4,730	240	130	140	-40	38,790

## APPENDIX

## NET ESTIMATED OVERSEAS MIGRATION GAIN AND CONTRIBUTING COMPONENTS, SEPTEMBER QUARTER 1981 TO DECEMBER QUARTER 1987

Year	Quarter	(1) Net permanent and long-term movement	(2) Net short-term movement	(3) RTO	(4) VTA	(5) Adjustment	(6) Category jumping (2 + 5)	(7) Net migration (1 + 6)
1981	September	30,831	767	134,463	72,805	2,543	3,310	34,141
	December	34,967	27,372	167,696	133,895	-27,857	-485	34,482
1982	March	32,379	13,437	116,673	97,312	-14,440	-1,003	31,376
	June	24,781	-56,833	154,041	74,510	60,170	3,337	28,118
	September	24,408	22,492	144,825	85,301	-20,007	2,485	26,893
	December	21,292	26,847	168,018	140,312	-31,818	-4,971	16,321
1983	March	18,144	5,163	114,379	90,766	-4,093	1,070	19,214
	June	11,606	-49,911	147,804	75,019	49,172	-739	10,867
	September	10,338	-178	148,575	72,306	3,484	3,306	13,644
	December	12,978	26,555	176,720	128,714	-28,263	-1,708	11,270
1984	March	14,270	19,548	113,578	88,373	-22,801	-3,253	11,017
	June	8,952	-70,005	175,853	76,428	74,220	4,215	13,167
	September	14,862	12,385	164,492	73,843	-8,776	3,609	18,471
	December	19,093	23,379	200,836	135,491	-25,304	-1,925	17,168
1985	March	20,141	46,303	123,858	103,098	-44,585	1,718	21,859
	June	13,914	-89,089	193,966	81,821	91,385	2,296	16,210
	September	19,472	27,927	174,353	86,033	-23,825	4,102	23,574
	December	25,587	43,610	206,663	159,862	-41,519	2,091	27,678
1986	March	27,484	50,291	125,270	130,494	-52,025	-1,734	25,750
	June	21,391	-94,397	189,207	98,068	96,363	1,966	23,357
	September	25,918	28,549	171,075	104,687	-24,751	3,798	29,716
	December	29,446	53,365	208,466	196,211	-54,133	-768	28,678
1987	March	28,913	33,463	125,092	143,168	-30,331	3,132	32,045
	June	24,864	-100,707	200,703	115,045	103,734	3,027	27,891
	September p	31,275	n.y.a.	n.y.a.	n.y.a.	n.y.a.	n.y.a.	n.y.a.
	December p	38,762	n.y.a.	n.y.a.	n.y.a.	n.y.a.	n.y.a.	n.y.a.

(1) Net permanent and long-term movement for the quarter shown.

(2) Net short-term movement for the quarter shown.

(3) RTO = Estimated number of Australian residents temporarily overseas at the end of the quarter shown.

(4) VTA = Estimated number of overseas visitors temporarily in Australia at the end of the quarter shown.

(5) Adjustment = measure of total changes in RTO and VTA, i.e. =

$$(RTO_n - RTO_{n-1}) - (VTA_n - VTA_{n-1})$$

(6) Category jumping for the quarter shown.

(a) Contains adjustment to account for revised estimation procedures.

NOTE. A more detailed description of the concepts and procedures underlying these calculations may be found in an ABS technical paper, *Estimates of Residents Temporarily Overseas, Visitors in Australia and Category Jumping* (3104.0), which was published on 10 March 1983.

