

## INQUIRIES

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AUSTRALIAN BUREAU OF STATISTICS  
CANBERRA, AUSTRALIA

Reference No. 4.13

NOON 29 NOVEMBER 1976

### PROJECTIONS OF THE POPULATION OF AUSTRALIA, 1977 TO 2001

BASE YEAR 1976 (preliminary estimates)

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## MAIN FEATURES

- According to a projection made by the Australian Bureau of Statistics, the population of Australia, estimated to have been 13,642,800 in June 1976, would increase to 16,129,500 by 2 001, if there were no further net overseas migration gain after June 1976.
- If future net immigration is assumed to be 50,000 persons a year, this would add 1,547,900 to the population by 2001, and the population in that year would be 17,677,400. These migration figures are included for illustrative purposes; the tables make it possible for users to substitute alternative assumptions about future immigration.
- On the assumptions chosen for the ABS projection, inclusive of net immigration at an illustrative level of 50,000 a year, births would increase from about 221,200 a year to a peak of 253,200 in 1992, and deaths from about 119,600 a year to 167,300 in 2001.
- Using the same assumptions the proportion of persons aged 65 and over would increase from about 8.7 per cent now to 9.8 per cent in 2001, and the proportion of children (under 15) would decline from 27.2 per cent now to 23.3 per cent in 2001.
- The results of the projection are very similar to those of the 'preferred' projection featured in the first report of the National Population Inquiry.

## EXPLANATORY NOTES

### General

This publication contains summary results of a set of projections of the population of Australia by age and sex, based on preliminary estimates of the population at 30 June 1976, and of the population resulting from future net immigration, set, for illustrative purposes, at 50,000 a year. Details for single years of age and for each year to 2011 are available from the ABS on request. This is the first set of population projections published by the Australian Bureau of Statistics in this series since the projections for 1972 to 2001, issued in December 1971. Detailed projections appeared, however, in the first report of the National Population Inquiry (*Population and Australia, A Demographic Analysis and Projection*, AGPS, 1975, Chapter VII) and in Research Report No. 1 of the National Population Inquiry (*Population Projections for the States and Territories of Australia*, AGPS, 1975). The NPI projections were based on population estimates at 30 June 1973.

2. The population projections are published now to meet a demand for projections using more up-to-date

base population estimates than the NPI projections, even though the 1976 population estimates will be superseded by the results of the Population Census of June 1976. Preliminary Census population figures by age and sex for Australia, each State and Territory, are expected to become available early in 1977, and it is proposed to publish revised projections for Australia, and new projections for each State and Territory as soon as possible after the Census results come to hand.

### Methodology

3. The projections are made using the *component method*, i.e. a base population is brought forward year by year by applying assumptions about future trends of fertility, mortality and the characteristics of overseas migration.

4. Because migration can vary widely, the projections are presented in such a form that the user may, within limits, make his own assumptions regarding future annual net immigration and derive a projection according to this assumption. The tables feature the projected population resulting from an annual net immigration of 50,000 persons. This level was chosen for convenience and should not be taken to imply a view that that level is in any way deemed to be the most likely over the whole or any part of the projection period.

### Base population and assumptions

5. *Base population.* The projection has as its starting point provisional estimates of the population by sex and single-year age at 30 June 1976. The estimates are preliminary because complete information about the age and sex of deaths and net immigration during 1975-76 are not yet available and because the estimates will be revised in the light of the results of the 1976 Census.

6. *Fertility.* A short explanation of the rationale of the fertility assumptions is given below. Age-specific fertility rates consistent with these assumptions were prepared for each year from 1976 and are shown in Table 12. These, applied to the female population for the corresponding year, by five year age groups, yielded the projected births for calendar years. By averaging the figures for adjacent years, births for financial years were obtained and these are shown in Table 2. The rates were applied to the population exclusive of migration and to the assumed net immigration intake, respectively.

7. *Mortality.* There has been little, if any, decline in age-specific rates in recent years except for infant mortality which has tended to decline by about 1.5 per cent a year. Accordingly it has been assumed that age-specific survival rates derived from the *Australian Life Tables 1970-1972* (Reference No. 4.31, October 1976) would apply for both base year population and

future immigration intake, except that the survival rate at year 0 was increased annually in accordance with the observed improvements of infant mortality indicated above. More specifically it was assumed that the recent annual rate of improvement (1.37 per cent for males and 1.45 per cent for females) would decline by one per cent per annum over the whole of the projection period.

#### 8. *Age-sex structure of net overseas immigration.*

The age-sex structure of the assumed future annual net immigration is based on that of the net permanent and long-term movement during the five years 1971 to 1975. *Long-term* refers to intended or actual stays of one year or more. Variations from age to age within five year age groups were smoothed out. One feature of the chosen assumptions is a relatively large gain of females in the 25-29 age groups. The proportions used are set out in Table 15.

#### 9. *Assumed level of net overseas immigration.*

Table 14, which shows selected categories of overseas arrivals and departures over a series of years, indicates the considerable year to year variation of overseas migration. Although the level of 50,000 persons net gain a year is used in this bulletin to illustrate the effect of future immigration, and that level is also featured in the projections of the National Population Inquiry, it is the user's responsibility to determine what future migration levels are considered most appropriate. The tables in this bulletin which provide projections of the base population alone, together with those showing the effect of adding 50,000 persons a year by net immigration, allow the user to calculate the projected population resulting from any alternative level of annual net immigration. For instance, if the user wishes to assume a level of 60,000 persons a year, the appropriate figures in the tables relating to the projected population resulting from the illustrative level of 50,000 should be multiplied by a factor of 60,000/50,000, i.e. 1.2, and the results added to the corresponding figures in the tables relating to the projections of the base population alone. Since the age-sex structure of the population resulting from assumed future net immigration differs from that of the projected base population, a change in the assumed immigration level affects the age-sex structure of the combined projections, and the rates and proportions shown in Tables 6 to 11 would also need to be recalculated by the user. An assumed net immigration level above 50,000 will tend to lower the average age but raise the masculinity of the population.

### Rationale of the fertility assumptions

10. Because of the rapid decline in fertility which has occurred in each year since 1971, as measured, for example, by the total fertility rate<sup>1</sup> (see Table 12), it would not be realistic to assume that the average fertility rates of recent years would continue in the future. Instead, the fertility assumptions must be more detailed and relate to specific characteristics of recent experience. These are :

- a sharp decline in first-birth fertility rates<sup>2</sup> (see Table 13), some of which results from women having their first child at an older age than hitherto;
- little change in the probability of women who have had a first child having a second child;
- continuing decline in the ratio of third-birth fertility rates to second-birth fertility rates, and in corresponding ratios for higher birth orders;
- ex-nuptial fertility rates falling approximately in proportion to nuptial rates.

Taken together, these changes appear to imply a tendency to concentration of child-bearing, through later starting and earlier finishing, in a narrower age range than in the past. The earlier finishing is a long-term trend associated with smaller family sizes, while later starting is a recent reversal of a previous trend towards younger marriage and early commencement of family formation.

11. The specific assumptions made in order to reflect these changes are :

- the first-birth fertility rate, which fell from a peak of 954 in 1971 to 756 in 1975, is assumed to fall further to 700 in 1976 and then to recover gradually to 850 in 1981, thereafter remaining constant;
- second-birth fertility rates are related to the average first-birth fertility rates of the preceding three years (to reflect the approximate interval between successive births) and are assumed to be 83 per cent of these rates throughout the period of the projection, this being the approximate relationship in recent years;

1. The total fertility rate is the sum of the age-specific birth rates. This, divided by 1,000 represents the hypothetical number of children a woman would bear in a lifetime if she experienced the rates of the year shown at each age to the end of the potentially reproductive period of life.

2. The first-birth fertility rate is the sum of the number of first confinements to an existing marriage per 1,000 women at each age. Similarly, second-birth fertility rates are second nuptial confinements per 1,000 women of each age, and so on. The sum of the rates for all birth orders, including ex-nuptial confinements, with adjustment for multiple births, equals the total fertility rate. In Australia, birth order is determined by the number of children already born to the existing marriage.

- third-birth fertility rates are assumed to continue to decline relative to second-birth fertility rates of the preceding three years, and the same with higher order rates, until 1984; thereafter the rates for all birth orders are assumed to remain constant;
- ex-nuptial fertility rates are assumed to remain at a constant 10 per cent of nuptial rates throughout the period of the projections.

The birth-order fertility rates, actual and projected, are shown in Table 13.

12. The rationale of these assumptions is that the fall in first-birth fertility rates is thought to be due in large measure to deferment of first births and that this element in the fall is unlikely to continue for long. This is shown in the recovery of first-birth fertility rates assumed to commence in 1977. That only part of the fall in first-birth fertility rates is considered to result from deferment is shown by the assumption that the first-birth fertility rate stabilises by 1981 at 850, instead of about 900 which has been the experience of recent generations of women. In other words, while in recent times it has been true that about 90 per cent of women have a first child, in future it is assumed that 85 per cent will. The assumptions further imply that of the women who have a first child 83 per cent will have a second – following recent experience – but that the falling-off in fertility rates for higher birth orders will continue until 1984.

13. The effect of all these assumptions on the total fertility rate is to bring it to 2,117 per thousand women by 1984. This total fertility rate, which is approximately equivalent to a net reproduction rate of one, is assumed to continue unchanged for the remainder of the projections. Fertility is held at this level, not because of any intrinsic stability in a net reproduction rate of one, but because there seems no evidence on which to assume either a rise or a fall in fertility rates at that stage, and because this rate is broadly consistent, on a generation basis, with the two-child norm to which recent family-formation patterns appear to be tending.

#### **Comparison with projections by the National Population Inquiry**

14. The assumptions, and consequently the results, of the projections presented here are similar to the 'preferred' projection in the first report of the National Population Inquiry which was based on the population at June 1973. Since the NPI projection features an assumed future annual net migration gain of 50,000 persons, direct comparisons can be made. Taking together the three years ended June 1976, the NPI projections overestimated net migration gain by about 18,100 persons, and deaths by about 24,100, but underestimated births by about 23,300. Therefore the projected NPI population for June 1976 was about

29,300 persons below the current June 1976 population estimate. Although the fertility and mortality assumptions, and the assumed age-sex distribution of future migration gain all differ slightly, the effects of the differences of the 1976 base population and assumptions are slight. Therefore, by 2001, the population as projected by the ABS exceeds the NPI projections by only 65,600 persons. Differences for other years, and by sex and age, are correspondingly small.

#### **Summary of results**

15. Without any further immigration and at the levels of fertility and mortality described above, the population would reach 16,129,500 by the year 2001.

- The rate of natural increase would decline from about 0.7 per cent per annum to about 0.4 per cent at the end of the projection period.

Immigration of 50,000 persons a year would add 1,547,900 to the population by the year 2001, bringing it to 17,677,400. It would add about 0.3 percentage points to the rate of growth throughout the period. Assuming this level of immigration –

- Births would at first number about 220,000 a year, rising to above 250,000 in the late 1980s, but declining around the end of the century. The rises and falls reflect mainly the changes in the number of women of reproductive age.
- The number of deaths would increase with the increasing size and age of the population.
- Natural increase would begin at around 100,000 persons a year, rising in the mid-1980s to over 110,000, then gradually declining to 75,000 by the year 2001.
- The proportion of persons aged less than 25 years would fall from 44.7 per cent to about 38 per cent at the end of the projection period. The proportion 65 and over would rise from 8.7 to 9.8 per cent.
- The median age would gradually increase from 28.3 years to about 33 years.
- The overall masculinity of the population would decline from 100.7 males per hundred females to about 99.

#### **Detailed results of projections**

16. Figures are available by sex and single years of age for the projected base population, the population resulting from net immigration of 50,000 a year, and for the two sets combined, for each year 1976 to 2011. Certain derived values, annual numbers of births and deaths and rates of growth, are also available. For these

figures, or for further general information, please contact the person indicated at the top of page 1 of this bulletin.

### Usage

.. Nil, not applicable, or less than half the smallest value shown.

NOTE. Any discrepancies between totals and sums of components in tables are due to rounding.

**TABLE 1. PROJECTED POPULATION OF AUSTRALIA BY SEX ('000)**

| June     | <i>Exclusive of migration<br/>after 30 June 1976</i> |         |          | <i>Resulting from net<br/>immigration at<br/>illustrative level of<br/>50,000 persons a year</i> |         |         | <i>Inclusive of net immigration<br/>at illustrative level of<br/>50,000 persons a year</i> |         |          |
|----------|--|---------|----------|--|---------|---------|--|---------|----------|
|          | Males  | Females | Persons  | Males  | Females | Persons | Males  | Females | Persons  |
| 1976 (a) | 6,843.6  | 6,799.2 | 13,642.8 | ..   | ..      | ..      | 6,843.6  | 6,799.2 | 13,642.8 |
| 1977     | 6,891.0  | 6,853.4 | 13,744.4 | 25.6   | 25.0    | 50.6    | 6,916.6  | 6,878.4 | 13,794.9 |
| 1978     | 6,936.6  | 6,905.8 | 13,842.3 | 51.7   | 50.5    | 102.2   | 6,988.2  | 6,956.3 | 13,944.6 |
| 1979     | 6,981.2  | 6,957.2 | 13,938.3 | 78.3   | 76.6    | 154.9   | 7,059.5  | 7,033.8 | 14,093.2 |
| 1980     | 7,026.2  | 7,008.9 | 14,035.1 | 105.5  | 103.2   | 208.7   | 7,131.7  | 7,112.0 | 14,243.7 |
| 1981     | 7,073.7  | 7,062.7 | 14,136.4 | 133.2  | 130.3   | 263.5   | 7,206.9  | 7,193.1 | 14,400.0 |
| 1982     | 7,124.1  | 7,119.3 | 14,243.4 | 161.5  | 158.1   | 319.6   | 7,285.7  | 7,277.4 | 14,563.0 |
| 1983     | 7,175.8  | 7,177.1 | 14,352.9 | 190.4  | 186.3   | 376.7   | 7,366.2  | 7,363.4 | 14,729.6 |
| 1984     | 7,228.3  | 7,235.7 | 14,464.0 | 219.8  | 215.1   | 434.9   | 7,448.1  | 7,450.8 | 14,898.9 |
| 1985     | 7,281.4  | 7,294.7 | 14,576.1 | 249.7  | 244.4   | 494.1   | 7,531.1  | 7,539.1 | 15,070.2 |
| 1986     | 7,334.0  | 7,353.4 | 14,687.4 | 280.0  | 274.1   | 554.1   | 7,614.0  | 7,627.5 | 15,241.5 |
| 1987     | 7,386.2  | 7,411.5 | 14,797.7 | 310.8  | 304.3   | 615.0   | 7,696.9  | 7,715.8 | 15,412.7 |
| 1988     | 7,437.7  | 7,469.0 | 14,906.7 | 341.9  | 334.8   | 676.8   | 7,779.6  | 7,803.8 | 15,583.4 |
| 1989     | 7,488.5  | 7,523.8 | 15,012.2 | 373.5  | 365.8   | 739.3   | 7,862.0  | 7,889.5 | 15,751.5 |
| 1990     | 7,538.5  | 7,579.9 | 15,118.4 | 405.4  | 397.1   | 802.6   | 7,944.0  | 7,977.0 | 15,921.0 |
| 1991     | 7,587.8  | 7,635.4 | 15,223.2 | 437.8  | 428.8   | 866.6   | 8,025.5  | 8,064.2 | 16,089.8 |
| 1992     | 7,636.3  | 7,690.1 | 15,326.4 | 470.5  | 460.9   | 931.4   | 8,106.8  | 8,151.1 | 16,257.8 |
| 1993     | 7,683.9  | 7,743.7 | 15,427.6 | 503.5  | 493.4   | 997.0   | 8,187.4  | 8,237.2 | 16,424.6 |
| 1994     | 7,730.2  | 7,796.0 | 15,526.2 | 537.0  | 526.3   | 1,063.2 | 8,267.2  | 8,322.2 | 16,589.4 |
| 1995     | 7,775.3  | 7,846.8 | 15,622.1 | 570.8  | 559.5   | 1,130.3 | 8,346.0  | 8,406.3 | 16,752.4 |
| 1996     | 7,819.0  | 7,896.3 | 15,715.3 | 604.9  | 593.1   | 1,198.0 | 8,424.0  | 8,489.4 | 16,913.4 |
| 1997     | 7,861.3  | 7,944.1 | 15,805.4 | 639.4  | 627.1   | 1,266.5 | 8,500.8  | 8,571.2 | 17,072.0 |
| 1998     | 7,901.9  | 7,990.1 | 15,892.1 | 674.3  | 661.5   | 1,335.8 | 8,576.2  | 8,651.6 | 17,227.8 |
| 1999     | 7,940.6  | 8,034.3 | 15,974.9 | 709.5  | 696.2   | 1,405.7 | 8,650.2  | 8,730.5 | 17,380.7 |
| 2000     | 7,977.5  | 8,076.6 | 16,054.0 | 745.1  | 731.3   | 1,476.4 | 8,722.6  | 8,807.9 | 17,530.5 |
| 2001     | 8,012.4  | 8,117.1 | 16,129.5 | 781.1  | 766.8   | 1,547.9 | 8,793.4  | 8,883.9 | 17,677.4 |

(a) Preliminary estimate.

**TABLE 2. PROJECTED BIRTHS, DEATHS AND NATURAL INCREASE (a), AUSTRALIA**  
(<sup>000</sup>)

| <i>Year<br/>ending<br/>June</i> | <i>Exclusive of migration<br/>after 30 June 1976</i> |               |                                 | <i>Resulting from net immigration<br/>at illustrative level of<br/>50,000 persons a year</i> |               |                                 | <i>Inclusive of net immigration<br/>at illustrative level of<br/>50,000 persons a year</i> |               |                                 |
|---------------------------------|--|---------------|---------------------------------|--|---------------|---------------------------------|--|---------------|---------------------------------|
|                                 | <i>Births</i>  | <i>Deaths</i> | <i>Natural<br/>increase (a)</i> | <i>Births</i>  | <i>Deaths</i> | <i>Natural<br/>increase (a)</i> | <i>Births</i>  | <i>Deaths</i> | <i>Natural<br/>increase (a)</i> |
| 1977                            | 221.2  | 119.6         | 101.6                           | 0.6  | 0.1           | 0.6                             | 221.8  | 119.7         | 102.1                           |
| 1978                            | 219.4  | 121.4         | 98.0                            | 1.9  | 0.3           | 1.6                             | 221.3  | 121.6         | 99.6                            |
| 1979                            | 219.3  | 123.3         | 96.0                            | 3.1  | 0.4           | 2.7                             | 222.4  | 123.8         | 98.7                            |
| 1980                            | 222.2  | 125.4         | 96.7                            | 4.4  | 0.6           | 3.8                             | 226.5  | 126.0         | 100.5                           |
| 1981                            | 229.0  | 127.6         | 101.4                           | 5.7  | 0.8           | 4.9                             | 234.6  | 128.4         | 106.2                           |
| 1982                            | 236.8  | 129.7         | 107.0                           | 7.0  | 1.0           | 6.1                             | 243.8  | 130.7         | 113.1                           |
| 1983                            | 241.3  | 131.8         | 109.4                           | 8.3  | 1.2           | 7.1                             | 249.6  | 133.0         | 116.6                           |
| 1984                            | 245.0  | 133.9         | 111.1                           | 9.6  | 1.4           | 8.2                             | 254.5  | 135.3         | 119.3                           |
| 1985                            | 248.1  | 136.0         | 112.1                           | 10.8   | 1.6           | 9.2                             | 258.9  | 137.6         | 121.3                           |
| 1986                            | 249.3  | 138.0         | 111.3                           | 11.9   | 1.8           | 10.1                            | 261.2  | 139.9         | 121.3                           |
| 1987                            | 250.4  | 140.1         | 110.3                           | 13.0   | 2.1           | 10.9                            | 263.4  | 142.2         | 121.2                           |
| 1988                            | 251.2  | 142.2         | 109.0                           | 14.0   | 2.3           | 11.7                            | 265.2  | 144.5         | 120.7                           |
| 1989                            | 251.8  | 146.2         | 105.6                           | 15.1   | 2.6           | 12.5                            | 266.8  | 148.8         | 118.1                           |
| 1990                            | 252.3  | 146.1         | 106.2                           | 16.1   | 2.8           | 13.3                            | 268.4  | 148.9         | 119.5                           |
| 1991                            | 252.7  | 148.0         | 104.8                           | 17.1   | 3.1           | 14.1                            | 269.9  | 151.1         | 118.8                           |
| 1992                            | 253.2  | 150.0         | 103.3                           | 18.2   | 3.4           | 14.8                            | 271.4  | 153.3         | 118.1                           |
| 1993                            | 253.2  | 152.0         | 101.2                           | 19.2   | 3.7           | 15.5                            | 272.4  | 155.7         | 116.8                           |
| 1994                            | 252.6  | 154.0         | 98.5                            | 20.3   | 4.0           | 16.3                            | 272.9  | 158.0         | 114.8                           |
| 1995                            | 251.9  | 156.0         | 95.9                            | 21.3   | 4.3           | 17.0                            | 273.2  | 160.3         | 112.9                           |
| 1996                            | 251.2  | 157.9         | 93.2                            | 22.4   | 4.7           | 17.8                            | 273.6  | 162.6         | 111.0                           |
| 1997                            | 250.0  | 159.9         | 90.1                            | 23.5   | 5.0           | 18.5                            | 273.6  | 165.0         | 108.6                           |
| 1998                            | 248.5  | 161.9         | 86.6                            | 24.6   | 5.4           | 19.2                            | 273.1  | 167.3         | 105.9                           |
| 1999                            | 246.6  | 163.7         | 82.9                            | 25.7   | 5.8           | 20.0                            | 272.3  | 169.5         | 102.8                           |
| 2000                            | 244.7  | 165.5         | 79.1                            | 26.9   | 6.2           | 20.7                            | 271.5  | 171.7         | 99.8                            |
| 2001                            | 242.8  | 167.3         | 75.5                            | 28.0   | 6.6           | 21.4                            | 270.8  | 173.9         | 96.9                            |

(a) Excess of births over deaths.

TABLE 3. PROJECTED POPULATION OF AUSTRALIA : 5-YEAR AGE GROUPS BY SEX,  
EXCLUSIVE OF MIGRATION AFTER 30 JUNE 1976  
(<sup>000</sup>)

| Age group   | June 1976 (a) | June 1977 | June 1978 | June 1979 | June 1980 | June 1981 | June 1986 | June 1991 | June 1996 | June 2001 |
|-------------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| MALES       |               |           |           |           |           |           |           |           |           |           |
| 0 - 4       | 628.3         | 601.8     | 583.6     | 570.6     | 560.8     | 559.8     | 615.6     | 635.3     | 637.7     | 623.3     |
| 5 - 9       | 636.9         | 651.4     | 656.6     | 651.8     | 645.3     | 626.0     | 557.7     | 613.3     | 633.0     | 635.4     |
| 10 - 14     | 632.4         | 623.0     | 615.4     | 614.9     | 620.3     | 635.6     | 624.7     | 556.6     | 612.1     | 631.7     |
| 15 - 19     | 634.2         | 642.7     | 647.5     | 647.3     | 641.7     | 629.7     | 632.9     | 622.0     | 554.2     | 609.5     |
| 20 - 24     | 585.0         | 591.3     | 597.6     | 607.8     | 618.0     | 628.0     | 623.6     | 626.8     | 616.0     | 548.9     |
| 25 - 29     | 584.4         | 573.0     | 573.2     | 576.1     | 576.2     | 580.4     | 623.1     | 618.7     | 621.9     | 611.2     |
| 30 - 34     | 490.7         | 521.9     | 545.9     | 559.3     | 571.3     | 580.2     | 576.3     | 618.7     | 614.3     | 617.5     |
| 35 - 39     | 416.3         | 429.6     | 438.8     | 452.6     | 469.2     | 486.3     | 574.9     | 571.0     | 613.1     | 608.7     |
| 40 - 44     | 376.4         | 378.3     | 383.5     | 392.1     | 401.8     | 410.6     | 479.6     | 566.9     | 563.1     | 604.6     |
| 45 - 49     | 401.8         | 396.3     | 387.5     | 378.6     | 371.9     | 367.7     | 401.1     | 468.6     | 553.8     | 550.2     |
| 50 - 54     | 380.5         | 382.2     | 386.0     | 389.1     | 388.1     | 386.2     | 353.4     | 385.6     | 450.5     | 532.2     |
| 55 - 59     | 311.2         | 322.3     | 334.9     | 346.7     | 353.7     | 356.2     | 361.5     | 330.8     | 361.1     | 421.9     |
| 60 - 64     | 271.1         | 271.8     | 268.7     | 264.6     | 268.0     | 279.5     | 319.8     | 324.4     | 296.9     | 324.2     |
| 65 - 69     | 205.7         | 210.3     | 217.1     | 223.5     | 227.7     | 228.2     | 235.7     | 269.3     | 273.1     | 250.0     |
| 70 - 74     | 143.6         | 146.5     | 148.7     | 151.2     | 154.2     | 157.6     | 174.7     | 180.8     | 206.3     | 209.0     |
| 75 - 79     | 81.6          | 84.9      | 88.1      | 91.1      | 92.7      | 95.0      | 104.4     | 115.5     | 119.9     | 136.4     |
| 80 - 84     | 41.2          | 41.2      | 40.9      | 41.4      | 43.1      | 44.3      | 51.5      | 56.5      | 62.4      | 65.2      |
| 85 and over | 22.4          | 22.5      | 22.7      | 22.4      | 22.3      | 22.2      | 23.5      | 26.7      | 29.6      | 32.7      |
| All ages    | 6,843.6       | 6,891.0   | 6,936.6   | 6,981.2   | 7,026.2   | 7,073.7   | 7,334.0   | 7,587.8   | 7,819.0   | 8,012.4   |
| FEMALES     |               |           |           |           |           |           |           |           |           |           |
| 0 - 4       | 597.9         | 571.8     | 554.1     | 542.7     | 533.9     | 532.9     | 585.8     | 604.5     | 606.7     | 592.9     |
| 5 - 9       | 610.3         | 625.7     | 630.1     | 622.9     | 615.5     | 596.3     | 531.4     | 584.2     | 602.8     | 605.0     |
| 10 - 14     | 601.5         | 592.0     | 586.2     | 588.8     | 594.9     | 609.5     | 595.4     | 530.7     | 583.4     | 602.0     |
| 15 - 19     | 604.3         | 613.4     | 618.2     | 616.7     | 611.3     | 600.2     | 608.2     | 594.2     | 529.5     | 582.2     |
| 20 - 24     | 563.6         | 568.5     | 573.5     | 583.3     | 591.1     | 602.3     | 598.3     | 606.2     | 592.2     | 527.8     |
| 25 - 29     | 557.8         | 549.9     | 551.5     | 555.0     | 558.3     | 561.9     | 600.4     | 596.4     | 604.3     | 590.4     |
| 30 - 34     | 462.5         | 494.0     | 518.8     | 533.5     | 544.9     | 555.6     | 559.7     | 598.1     | 594.1     | 602.0     |
| 35 - 39     | 393.6         | 402.9     | 411.8     | 424.4     | 442.5     | 459.9     | 552.5     | 556.5     | 594.8     | 590.8     |
| 40 - 44     | 356.4         | 361.4     | 367.0     | 376.4     | 383.5     | 390.1     | 455.8     | 547.5     | 551.5     | 589.4     |
| 45 - 49     | 377.4         | 372.4     | 365.2     | 357.5     | 353.9     | 351.2     | 384.5     | 449.3     | 539.6     | 543.6     |
| 50 - 54     | 373.5         | 372.8     | 373.4     | 374.8     | 370.2     | 368.9     | 343.3     | 375.8     | 439.1     | 527.3     |
| 55 - 59     | 320.8         | 331.6     | 343.2     | 353.2     | 360.9     | 360.8     | 356.3     | 331.6     | 363.0     | 424.3     |
| 60 - 64     | 290.0         | 291.9     | 291.6     | 289.4     | 292.6     | 304.3     | 342.2     | 337.8     | 314.5     | 344.3     |
| 65 - 69     | 239.8         | 246.0     | 252.0     | 259.2     | 264.0     | 266.7     | 280.1     | 314.7     | 310.7     | 289.3     |
| 70 - 74     | 180.5         | 183.4     | 189.3     | 196.4     | 202.8     | 208.5     | 231.8     | 243.6     | 273.5     | 269.9     |
| 75 - 79     | 131.0         | 134.3     | 136.2     | 138.1     | 139.8     | 141.8     | 164.0     | 182.1     | 191.8     | 214.8     |
| 80 - 84     | 83.9          | 84.0      | 83.9      | 83.8      | 85.8      | 87.0      | 94.1      | 108.9     | 120.8     | 127.6     |
| 85 and over | 54.5          | 57.2      | 59.7      | 61.3      | 63.1      | 64.8      | 69.6      | 73.1      | 83.8      | 93.5      |
| All ages    | 6,799.2       | 6,853.4   | 6,905.8   | 6,957.2   | 7,008.9   | 7,062.7   | 7,353.4   | 7,635.4   | 7,896.3   | 8,117.1   |

(a) Preliminary estimate.

**TABLE 3. PROJECTED POPULATION OF AUSTRALIA : 5-YEAR AGE GROUPS BY SEX,  
EXCLUSIVE OF MIGRATION AFTER 30 JUNE 1976 – continued  
(’000)**

| <i>Age<br/>group</i> | <i>June<br/>1976 (a)</i> | <i>June<br/>1977</i> | <i>June<br/>1978</i> | <i>June<br/>1979</i> | <i>June<br/>1980</i> | <i>June<br/>1981</i> | <i>June<br/>1986</i> | <i>June<br/>1991</i> | <i>June<br/>1996</i> | <i>June<br/>2001</i> |
|----------------------|--------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>PERSONS</b>       |                          |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| 0 – 4                | 1,226.2                  | 1,173.6              | 1,137.7              | 1,113.3              | 1,094.7              | 1,092.7              | 1,201.4              | 1,239.8              | 1,244.4              | 1,216.1              |
| 5 – 9                | 1,247.2                  | 1,277.1              | 1,286.8              | 1,274.8              | 1,260.8              | 1,222.3              | 1,089.1              | 1,197.5              | 1,235.8              | 1,240.4              |
| 10 – 14              | 1,233.9                  | 1,215.0              | 1,201.6              | 1,203.7              | 1,215.2              | 1,245.1              | 1,220.2              | 1,087.2              | 1,195.5              | 1,233.7              |
| 15 – 19              | 1,238.4                  | 1,256.1              | 1,265.7              | 1,264.0              | 1,253.0              | 1,229.9              | 1,241.1              | 1,216.2              | 1,083.8              | 1,191.6              |
| 20 – 24              | 1,148.6                  | 1,159.8              | 1,171.1              | 1,191.1              | 1,209.1              | 1,230.4              | 1,221.9              | 1,233.0              | 1,208.2              | 1,076.7              |
| 25 – 29              | 1,142.1                  | 1,123.0              | 1,124.7              | 1,131.1              | 1,134.5              | 1,142.3              | 1,223.6              | 1,215.2              | 1,226.3              | 1,201.6              |
| 30 – 34              | 953.2                    | 1,015.9              | 1,064.7              | 1,092.8              | 1,116.2              | 1,135.8              | 1,136.0              | 1,216.8              | 1,208.5              | 1,219.5              |
| 35 – 39              | 810.0                    | 832.5                | 850.5                | 877.0                | 911.7                | 946.2                | 1,127.4              | 1,127.6              | 1,207.8              | 1,199.5              |
| 40 – 44              | 732.8                    | 739.7                | 750.5                | 768.5                | 785.2                | 800.7                | 935.4                | 1,114.4              | 1,114.7              | 1,194.0              |
| 45 – 49              | 779.3                    | 768.7                | 752.7                | 736.0                | 725.8                | 719.0                | 785.6                | 917.8                | 1,093.3              | 1,093.8              |
| 50 – 54              | 754.1                    | 755.0                | 759.4                | 763.9                | 758.3                | 755.1                | 696.7                | 761.4                | 889.7                | 1,059.5              |
| 55 – 59              | 631.9                    | 653.9                | 678.1                | 699.9                | 714.5                | 717.1                | 717.8                | 662.5                | 724.1                | 846.2                |
| 60 – 64              | 561.0                    | 563.7                | 560.4                | 554.1                | 560.5                | 583.8                | 662.0                | 662.3                | 611.4                | 668.5                |
| 65 – 69              | 445.6                    | 456.4                | 469.1                | 482.7                | 491.7                | 495.0                | 515.8                | 584.1                | 583.8                | 539.3                |
| 70 – 74              | 324.1                    | 329.9                | 338.0                | 347.6                | 357.0                | 366.2                | 406.5                | 424.5                | 479.7                | 478.9                |
| 75 – 79              | 212.5                    | 219.2                | 224.3                | 229.1                | 232.4                | 236.8                | 268.3                | 297.6                | 311.7                | 351.2                |
| 80 – 84              | 125.0                    | 125.2                | 124.8                | 125.1                | 128.8                | 131.3                | 145.6                | 165.5                | 183.2                | 192.8                |
| 85 and over          | 76.9                     | 79.7                 | 82.4                 | 83.6                 | 85.5                 | 87.0                 | 93.1                 | 99.8                 | 113.5                | 126.2                |
| <b>All ages</b>      | <b>13,642.8</b>          | <b>13,744.4</b>      | <b>13,842.3</b>      | <b>13,938.3</b>      | <b>14,035.1</b>      | <b>14,136.4</b>      | <b>14,687.4</b>      | <b>15,223.2</b>      | <b>15,715.3</b>      | <b>16,129.5</b>      |

(a) Preliminary estimate.



**TABLE 4. PROJECTED POPULATION OF AUSTRALIA : 5-YEAR AGE GROUPS BY SEX,  
RESULTING FROM NET IMMIGRATION AT ILLUSTRATIVE LEVEL OF 50,000 PERSONS A YEAR  
(<sup>'000</sup>)**

| <i>Age<br/>group</i> | <i>June<br/>1977</i> | <i>June<br/>1978</i> | <i>June<br/>1979</i> | <i>June<br/>1980</i> | <i>June<br/>1981</i> | <i>June<br/>1986</i> | <i>June<br/>1991</i> | <i>June<br/>1996</i> | <i>June<br/>2001</i> |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>MALES</b>         |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| 0 - 4                | 2.8                  | 5.6                  | 8.4                  | 11.3                 | 14.4                 | 30.5                 | 44.5                 | 57.7                 | 71.6                 |
| 5 - 9                | 2.9                  | 5.9                  | 8.9                  | 11.9                 | 14.8                 | 29.1                 | 45.1                 | 59.1                 | 72.3                 |
| 10 - 14              | 2.3                  | 4.7                  | 7.2                  | 9.9                  | 12.7                 | 27.5                 | 41.8                 | 57.8                 | 71.7                 |
| 15 - 19              | 3.0                  | 5.8                  | 8.4                  | 10.9                 | 13.2                 | 25.9                 | 40.6                 | 54.8                 | 70.7                 |
| 20 - 24              | 3.3                  | 6.6                  | 9.9                  | 13.1                 | 16.2                 | 29.3                 | 41.9                 | 56.4                 | 70.5                 |
| 25 - 29              | 3.3                  | 6.6                  | 9.9                  | 13.2                 | 16.6                 | 32.6                 | 45.6                 | 58.1                 | 72.5                 |
| 30 - 34              | 2.7                  | 5.5                  | 8.4                  | 11.5                 | 14.7                 | 31.1                 | 47.1                 | 60.0                 | 72.3                 |
| 35 - 39              | 1.9                  | 3.9                  | 6.1                  | 8.4                  | 10.9                 | 25.4                 | 41.7                 | 57.5                 | 70.3                 |
| 40 - 44              | 1.2                  | 2.6                  | 4.0                  | 5.6                  | 7.3                  | 18.0                 | 32.4                 | 48.4                 | 64.0                 |
| 45 - 49              | 0.7                  | 1.4                  | 2.3                  | 3.3                  | 4.4                  | 11.5                 | 22.0                 | 36.0                 | 51.7                 |
| 50 - 54              | 0.4                  | 0.9                  | 1.4                  | 1.9                  | 2.5                  | 6.7                  | 13.6                 | 23.7                 | 37.1                 |
| 55 - 59              | 0.3                  | 0.6                  | 1.0                  | 1.3                  | 1.7                  | 4.1                  | 8.0                  | 14.5                 | 23.9                 |
| 60 - 64              | 0.3                  | 0.6                  | 0.9                  | 1.2                  | 1.4                  | 3.0                  | 5.1                  | 8.7                  | 14.4                 |
| 65 - 69              | 0.2                  | 0.4                  | 0.7                  | 0.9                  | 1.2                  | 2.4                  | 3.7                  | 5.5                  | 8.5                  |
| 70 - 74              | 0.1                  | 0.3                  | 0.4                  | 0.5                  | 0.7                  | 1.6                  | 2.5                  | 3.5                  | 4.9                  |
| 75 - 79              | 0.1                  | 0.1                  | 0.2                  | 0.3                  | 0.4                  | 0.8                  | 1.4                  | 2.0                  | 2.7                  |
| 80 - 84              | ..                   | 0.1                  | 0.1                  | 0.1                  | 0.2                  | 0.3                  | 0.6                  | 0.9                  | 1.3                  |
| 85 and over          | ..                   | ..                   | ..                   | ..                   | 0.1                  | 0.1                  | 0.2                  | 0.4                  | 0.5                  |
| <i>All ages</i>      | <i>25.6</i>          | <i>51.7</i>          | <i>78.3</i>          | <i>105.5</i>         | <i>133.2</i>         | <i>280.0</i>         | <i>437.8</i>         | <i>604.9</i>         | <i>781.1</i>         |
| <b>FEMALES</b>       |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| 0 - 4                | 2.6                  | 5.3                  | 8.0                  | 10.7                 | 13.7                 | 29.0                 | 42.3                 | 54.9                 | 68.1                 |
| 5 - 9                | 2.7                  | 5.5                  | 8.4                  | 11.2                 | 13.9                 | 27.5                 | 42.8                 | 56.1                 | 68.6                 |
| 10 - 14              | 2.1                  | 4.2                  | 6.5                  | 9.0                  | 11.6                 | 25.4                 | 39.0                 | 54.3                 | 67.6                 |
| 15 - 19              | 2.6                  | 5.0                  | 7.2                  | 9.3                  | 11.4                 | 22.9                 | 36.8                 | 50.3                 | 65.5                 |
| 20 - 24              | 3.1                  | 6.0                  | 8.9                  | 11.6                 | 14.3                 | 25.6                 | 37.1                 | 50.9                 | 64.5                 |
| 25 - 29              | 3.9                  | 7.8                  | 11.5                 | 14.9                 | 18.2                 | 32.4                 | 43.7                 | 55.2                 | 69.0                 |
| 30 - 34              | 2.6                  | 5.5                  | 8.9                  | 12.5                 | 16.4                 | 34.5                 | 48.7                 | 59.9                 | 71.4                 |
| 35 - 39              | 1.6                  | 3.3                  | 5.2                  | 7.3                  | 9.6                  | 25.9                 | 43.9                 | 58.0                 | 69.2                 |
| 40 - 44              | 1.0                  | 2.0                  | 3.2                  | 4.5                  | 6.0                  | 15.5                 | 31.6                 | 49.4                 | 63.4                 |
| 45 - 49              | 0.7                  | 1.4                  | 2.2                  | 3.0                  | 3.9                  | 9.7                  | 19.1                 | 35.0                 | 52.6                 |
| 50 - 54              | 0.5                  | 1.0                  | 1.6                  | 2.2                  | 2.8                  | 6.6                  | 12.3                 | 21.5                 | 37.1                 |
| 55 - 59              | 0.5                  | 0.9                  | 1.4                  | 1.9                  | 2.4                  | 5.1                  | 8.7                  | 14.3                 | 23.1                 |
| 60 - 64              | 0.5                  | 1.0                  | 1.5                  | 2.0                  | 2.4                  | 4.6                  | 7.2                  | 10.7                 | 15.9                 |
| 65 - 69              | 0.4                  | 0.7                  | 1.2                  | 1.6                  | 2.1                  | 4.3                  | 6.3                  | 8.7                  | 11.9                 |
| 70 - 74              | 0.1                  | 0.3                  | 0.5                  | 0.8                  | 1.1                  | 2.9                  | 4.8                  | 6.6                  | 8.6                  |
| 75 - 79              | 0.1                  | 0.2                  | 0.2                  | 0.3                  | 0.4                  | 1.3                  | 2.7                  | 4.2                  | 5.6                  |
| 80 - 84              | ..                   | 0.1                  | 0.1                  | 0.2                  | 0.2                  | 0.5                  | 1.1                  | 2.0                  | 3.0                  |
| 85 and over          | ..                   | 0.1                  | 0.1                  | 0.2                  | 0.2                  | 0.4                  | 0.6                  | 1.0                  | 1.6                  |
| <i>All ages</i>      | <i>25.0</i>          | <i>50.5</i>          | <i>76.6</i>          | <i>103.2</i>         | <i>130.3</i>         | <i>274.1</i>         | <i>428.8</i>         | <i>593.1</i>         | <i>766.8</i>         |

**TABLE 4. PROJECTED POPULATION OF AUSTRALIA : 5-YEAR AGE GROUPS BY SEX,  
RESULTING FROM NET IMMIGRATION AT ILLUSTRATIVE LEVEL OF 50,000 PERSONS A YEAR – *continued***  
(’000)

| <i>Age<br/>group</i> | <i>June<br/>1977</i> | <i>June<br/>1978</i> | <i>June<br/>1979</i> | <i>June<br/>1980</i> | <i>June<br/>1981</i> | <i>June<br/>1986</i> | <i>June<br/>1991</i> | <i>June<br/>1996</i> | <i>June<br/>2001</i> |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>PERSONS</b>       |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| 0 – 4                | 5.4                  | 10.9                 | 16.4                 | 22.0                 | 28.0                 | 59.4                 | 86.8                 | 112.6                | 139.7                |
| 5 – 9                | 5.7                  | 11.5                 | 17.3                 | 23.1                 | 28.7                 | 56.6                 | 87.9                 | 115.2                | 140.9                |
| 10 – 14              | 4.4                  | 8.9                  | 13.8                 | 18.9                 | 24.3                 | 52.9                 | 80.8                 | 112.0                | 139.3                |
| 15 – 19              | 5.6                  | 10.8                 | 15.6                 | 20.2                 | 24.6                 | 48.8                 | 77.3                 | 105.1                | 136.3                |
| 20 – 24              | 6.4                  | 12.6                 | 18.8                 | 24.7                 | 30.5                 | 54.9                 | 79.0                 | 107.3                | 135.0                |
| 25 – 29              | 7.2                  | 14.4                 | 21.4                 | 28.2                 | 34.7                 | 65.1                 | 89.4                 | 113.3                | 141.5                |
| 30 – 34              | 5.3                  | 11.0                 | 17.3                 | 24.0                 | 31.0                 | 65.6                 | 95.7                 | 119.9                | 143.7                |
| 35 – 39              | 3.5                  | 7.2                  | 11.3                 | 15.7                 | 20.5                 | 51.3                 | 85.6                 | 115.5                | 139.5                |
| 40 – 44              | 2.2                  | 4.6                  | 7.2                  | 10.1                 | 13.3                 | 33.5                 | 64.0                 | 97.9                 | 127.5                |
| 45 – 49              | 1.4                  | 2.8                  | 4.5                  | 6.3                  | 8.2                  | 21.2                 | 41.1                 | 71.0                 | 104.3                |
| 50 – 54              | 0.9                  | 1.9                  | 3.0                  | 4.1                  | 5.3                  | 13.3                 | 25.9                 | 45.2                 | 74.2                 |
| 55 – 59              | 0.8                  | 1.6                  | 2.4                  | 3.2                  | 4.1                  | 9.1                  | 16.7                 | 28.7                 | 47.0                 |
| 60 – 64              | 0.8                  | 1.6                  | 2.4                  | 3.1                  | 3.9                  | 7.6                  | 12.3                 | 19.3                 | 30.4                 |
| 65 – 69              | 0.6                  | 1.2                  | 1.8                  | 2.5                  | 3.2                  | 6.7                  | 10.0                 | 14.2                 | 20.4                 |
| 70 – 74              | 0.3                  | 0.6                  | 0.9                  | 1.3                  | 1.8                  | 4.5                  | 7.3                  | 10.1                 | 13.5                 |
| 75 – 79              | 0.1                  | 0.3                  | 0.4                  | 0.6                  | 0.8                  | 2.1                  | 4.1                  | 6.2                  | 8.3                  |
| 80 – 84              | 0.1                  | 0.2                  | 0.2                  | 0.3                  | 0.4                  | 0.9                  | 1.7                  | 3.0                  | 4.3                  |
| 85 and over          | ..                   | 0.1                  | 0.2                  | 0.2                  | 0.3                  | 0.5                  | 0.9                  | 1.4                  | 2.2                  |
| <b>All ages</b>      | <b>50.6</b>          | <b>102.2</b>         | <b>154.9</b>         | <b>208.7</b>         | <b>263.5</b>         | <b>554.1</b>         | <b>866.6</b>         | <b>1,198.0</b>       | <b>1,547.9</b>       |

**TABLE 5. PROJECTED POPULATION OF AUSTRALIA : 5-YEAR AGE GROUPS BY SEX,  
INCLUSIVE OF NET IMMIGRATION AT ILLUSTRATIVE LEVEL OF 50,000 PERSONS A YEAR  
(<sup>'000</sup>)**

| <i>Age<br/>group</i> | <i>June<br/>1976 (a)</i> | <i>June<br/>1977</i> | <i>June<br/>1978</i> | <i>June<br/>1979</i> | <i>June<br/>1980</i> | <i>June<br/>1981</i> | <i>June<br/>1986</i> | <i>June<br/>1991</i> | <i>June<br/>1996</i> | <i>June<br/>2001</i> |
|----------------------|--------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>MALES</b>         |                          |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| 0 - 4                | 628.3                    | 604.6                | 589.2                | 579.0                | 572.1                | 574.2                | 646.0                | 679.8                | 695.4                | 694.8                |
| 5 - 9                | 636.9                    | 654.3                | 662.5                | 660.8                | 657.3                | 640.8                | 586.8                | 658.4                | 692.1                | 707.7                |
| 10 - 14              | 632.4                    | 625.4                | 620.1                | 622.2                | 630.2                | 648.3                | 652.2                | 598.4                | 669.8                | 703.4                |
| 15 - 19              | 634.2                    | 645.7                | 653.3                | 655.7                | 652.6                | 642.9                | 658.8                | 662.6                | 609.0                | 680.2                |
| 20 - 24              | 585.0                    | 594.6                | 604.2                | 617.7                | 631.1                | 644.2                | 652.9                | 668.7                | 672.4                | 619.4                |
| 25 - 29              | 584.4                    | 576.3                | 579.8                | 586.0                | 589.4                | 597.0                | 655.8                | 664.4                | 680.0                | 683.7                |
| 30 - 34              | 490.7                    | 524.6                | 551.4                | 567.7                | 582.8                | 594.8                | 607.4                | 665.8                | 674.3                | 689.8                |
| 35 - 39              | 416.3                    | 431.5                | 442.7                | 458.7                | 477.6                | 497.2                | 600.3                | 612.8                | 670.6                | 679.0                |
| 40 - 44              | 376.4                    | 379.5                | 386.0                | 396.1                | 407.4                | 417.9                | 497.6                | 599.3                | 611.6                | 668.7                |
| 45 - 49              | 401.8                    | 397.0                | 388.9                | 380.9                | 375.1                | 372.1                | 412.7                | 490.6                | 589.8                | 601.9                |
| 50 - 54              | 380.5                    | 382.6                | 386.9                | 390.5                | 390.0                | 388.7                | 360.2                | 399.2                | 474.2                | 569.3                |
| 55 - 59              | 311.2                    | 322.6                | 335.5                | 347.7                | 355.0                | 358.0                | 365.6                | 338.9                | 375.5                | 445.8                |
| 60 - 64              | 271.1                    | 272.1                | 269.3                | 265.5                | 269.1                | 281.0                | 322.8                | 329.5                | 305.6                | 338.7                |
| 65 - 69              | 205.7                    | 210.5                | 217.5                | 224.2                | 228.6                | 229.4                | 238.1                | 273.0                | 278.6                | 258.5                |
| 70 - 74              | 143.6                    | 146.7                | 148.9                | 151.6                | 154.8                | 158.3                | 176.3                | 183.4                | 209.8                | 213.9                |
| 75 - 79              | 81.6                     | 84.9                 | 88.2                 | 91.3                 | 93.0                 | 95.4                 | 105.2                | 116.9                | 122.0                | 139.1                |
| 80 - 84              | 41.2                     | 41.2                 | 41.0                 | 41.5                 | 43.2                 | 44.4                 | 51.8                 | 57.1                 | 63.3                 | 66.4                 |
| 85 and over          | 22.4                     | 22.5                 | 22.7                 | 22.4                 | 22.4                 | 22.3                 | 23.6                 | 27.0                 | 30.0                 | 33.2                 |
| <i>All ages</i>      | <i>6,843.6</i>           | <i>6,916.6</i>       | <i>6,988.2</i>       | <i>7,059.5</i>       | <i>7,131.7</i>       | <i>7,206.9</i>       | <i>7,614.0</i>       | <i>8,025.5</i>       | <i>8,424.0</i>       | <i>8,793.4</i>       |
| <b>FEMALES</b>       |                          |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| 0 - 4                | 597.9                    | 574.5                | 559.4                | 550.7                | 544.6                | 546.5                | 614.8                | 646.8                | 661.6                | 660.9                |
| 5 - 9                | 610.3                    | 628.4                | 635.7                | 631.3                | 626.7                | 610.2                | 558.9                | 627.0                | 658.9                | 673.7                |
| 10 - 14              | 601.5                    | 594.1                | 590.4                | 595.3                | 603.9                | 621.0                | 620.9                | 569.7                | 637.7                | 669.6                |
| 15 - 19              | 604.3                    | 616.0                | 623.2                | 623.9                | 620.6                | 611.6                | 631.1                | 630.9                | 579.9                | 647.7                |
| 20 - 24              | 563.6                    | 571.6                | 579.5                | 592.1                | 602.7                | 616.6                | 623.9                | 643.3                | 643.2                | 592.3                |
| 25 - 29              | 557.8                    | 553.9                | 559.3                | 566.5                | 573.3                | 580.0                | 632.9                | 640.2                | 659.5                | 659.4                |
| 30 - 34              | 462.5                    | 496.6                | 524.4                | 542.3                | 557.4                | 572.0                | 594.2                | 646.8                | 654.1                | 673.4                |
| 35 - 39              | 393.6                    | 404.5                | 415.1                | 429.7                | 449.8                | 469.5                | 578.3                | 600.4                | 652.8                | 660.0                |
| 40 - 44              | 356.4                    | 362.4                | 369.0                | 379.6                | 388.0                | 396.0                | 471.2                | 579.1                | 601.0                | 652.9                |
| 45 - 49              | 377.4                    | 373.1                | 366.6                | 359.6                | 356.9                | 355.1                | 394.2                | 468.4                | 574.6                | 596.2                |
| 50 - 54              | 373.5                    | 373.3                | 374.4                | 376.4                | 372.4                | 371.7                | 349.9                | 388.1                | 460.6                | 564.3                |
| 55 - 59              | 320.8                    | 332.1                | 344.1                | 354.6                | 362.7                | 363.2                | 361.4                | 340.3                | 377.3                | 447.4                |
| 60 - 64              | 290.0                    | 292.4                | 292.6                | 290.9                | 294.5                | 306.7                | 346.8                | 345.1                | 325.2                | 360.2                |
| 65 - 69              | 239.8                    | 246.4                | 252.7                | 260.3                | 265.6                | 268.8                | 284.3                | 321.1                | 319.4                | 301.2                |
| 70 - 74              | 180.5                    | 183.5                | 189.6                | 197.0                | 203.6                | 209.6                | 234.7                | 248.4                | 280.0                | 278.6                |
| 75 - 79              | 131.0                    | 134.4                | 136.3                | 138.3                | 140.1                | 142.3                | 165.3                | 184.8                | 196.0                | 220.4                |
| 80 - 84              | 83.9                     | 84.1                 | 84.0                 | 83.9                 | 86.0                 | 87.2                 | 94.6                 | 110.0                | 122.8                | 130.6                |
| 85 and over          | 54.5                     | 57.2                 | 59.8                 | 61.4                 | 63.3                 | 65.0                 | 70.0                 | 73.7                 | 84.9                 | 95.2                 |
| <i>All ages</i>      | <i>6,799.2</i>           | <i>6,878.4</i>       | <i>6,956.3</i>       | <i>7,033.8</i>       | <i>7,112.0</i>       | <i>7,193.1</i>       | <i>7,627.5</i>       | <i>8,064.2</i>       | <i>8,489.4</i>       | <i>8,883.9</i>       |

(a) Preliminary estimate.

**TABLE 5. PROJECTED POPULATION OF AUSTRALIA : 5-YEAR AGE GROUPS BY SEX,  
INCLUSIVE OF NET IMMIGRATION AT ILLUSTRATIVE LEVEL OF 50,000 PERSONS A YEAR – *continued***  
(<sup>000</sup>)

| <i>Age<br/>group</i> | <i>June<br/>1976 (a)</i> | <i>June<br/>1977</i> | <i>June<br/>1978</i> | <i>June<br/>1979</i> | <i>June<br/>1980</i> | <i>June<br/>1981</i> | <i>June<br/>1986</i> | <i>June<br/>1991</i> | <i>June<br/>1996</i> | <i>June<br/>2001</i> |
|----------------------|--------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>PERSONS</b>       |                          |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| 0 – 4                | 1,226.2                  | 1,179.0              | 1,148.6              | 1,129.7              | 1,116.7              | 1,120.7              | 1,260.8              | 1,326.6              | 1,357.0              | 1,355.8              |
| 5 – 9                | 1,247.2                  | 1,282.7              | 1,298.2              | 1,292.1              | 1,283.9              | 1,250.9              | 1,145.7              | 1,285.4              | 1,351.0              | 1,381.3              |
| 10 – 14              | 1,233.9                  | 1,219.4              | 1,210.6              | 1,217.4              | 1,234.1              | 1,269.4              | 1,273.1              | 1,168.0              | 1,307.5              | 1,373.0              |
| 15 – 19              | 1,238.4                  | 1,261.7              | 1,276.5              | 1,279.6              | 1,273.2              | 1,254.5              | 1,289.9              | 1,293.5              | 1,188.9              | 1,327.9              |
| 20 – 24              | 1,148.6                  | 1,166.2              | 1,183.7              | 1,209.8              | 1,233.9              | 1,260.9              | 1,276.8              | 1,312.0              | 1,315.5              | 1,211.6              |
| 25 – 29              | 1,142.1                  | 1,130.2              | 1,139.1              | 1,152.5              | 1,162.7              | 1,177.0              | 1,288.7              | 1,304.6              | 1,339.5              | 1,343.1              |
| 30 – 34              | 953.2                    | 1,021.2              | 1,075.8              | 1,110.0              | 1,140.2              | 1,166.8              | 1,201.6              | 1,312.6              | 1,328.4              | 1,363.2              |
| 35 – 39              | 810.0                    | 836.0                | 857.8                | 888.3                | 927.5                | 966.7                | 1,178.7              | 1,213.2              | 1,323.4              | 1,339.0              |
| 40 – 44              | 732.8                    | 741.9                | 755.1                | 775.7                | 795.4                | 813.9                | 968.9                | 1,178.4              | 1,212.6              | 1,321.5              |
| 45 – 49              | 779.3                    | 770.1                | 755.5                | 740.5                | 732.0                | 727.2                | 806.9                | 959.0                | 1,164.3              | 1,198.1              |
| 50 – 54              | 754.1                    | 756.0                | 761.3                | 766.9                | 762.4                | 760.4                | 710.0                | 787.4                | 934.9                | 1,133.7              |
| 55 – 59              | 631.9                    | 654.7                | 679.6                | 702.2                | 717.7                | 721.1                | 726.9                | 679.2                | 752.8                | 893.3                |
| 60 – 64              | 561.0                    | 564.5                | 562.0                | 556.4                | 563.7                | 587.7                | 669.6                | 674.6                | 630.7                | 698.9                |
| 65 – 69              | 445.6                    | 456.9                | 470.2                | 484.5                | 494.2                | 498.2                | 522.4                | 594.1                | 598.0                | 559.6                |
| 70 – 74              | 324.1                    | 330.2                | 338.6                | 348.6                | 358.3                | 367.9                | 411.0                | 431.8                | 489.8                | 492.4                |
| 75 – 79              | 212.5                    | 219.3                | 224.6                | 229.6                | 233.0                | 237.6                | 270.4                | 301.7                | 317.9                | 359.5                |
| 80 – 84              | 125.0                    | 125.3                | 124.9                | 125.4                | 129.1                | 131.6                | 146.4                | 167.2                | 186.2                | 197.1                |
| 85 and over          | 76.9                     | 79.7                 | 82.5                 | 83.8                 | 85.7                 | 87.3                 | 93.6                 | 100.7                | 114.9                | 128.4                |
| <b>All ages</b>      | <b>13,642.8</b>          | <b>13,794.9</b>      | <b>13,944.6</b>      | <b>14,093.2</b>      | <b>14,243.7</b>      | <b>14,400.0</b>      | <b>15,241.5</b>      | <b>16,089.8</b>      | <b>16,913.4</b>      | <b>17,677.4</b>      |

(a) Preliminary estimate.

TABLE 6. ACTUAL AND PROJECTED AVERAGE ANNUAL RATE OF BIRTHS, DEATHS AND NATURAL INCREASE (a), AUSTRALIA

ACTUAL

|         | <i>Births (a)</i>      | <i>Deaths (a)</i> | <i>Natural increase (a)</i> | <i>Rate of growth (b)</i> |
|---------|------------------------|-------------------|-----------------------------|---------------------------|
|         | (per thousand persons) |                   |                             |                           |
| 1966-71 | 20.2                   | 8.9               | 11.3                        | 19.2                      |
| 1971-76 | 18.8                   | 8.4               | 10.4                        | 13.5                      |

PROJECTED

|           | <i>Exclusive of migration after 30 June 1976</i> |               |                         | <i>Inclusive of net immigration at illustrative level of 50,000 persons a year</i> |               |                         |                       |
|-----------|--|---------------|-------------------------|--|---------------|-------------------------|-----------------------|
|           | <i>Births</i>                                    | <i>Deaths</i> | <i>Natural increase</i> | <i>Births</i>  | <i>Deaths</i> | <i>Natural increase</i> | <i>Rate of growth</i> |
|           | (per thousand persons)                           |               |                         |  |               |                         |                       |
| 1976-81   | 16.0   | 8.9           | 7.1                     | 16.1   | 8.8           | 7.2                     | 10.9                  |
| 1981-86   | 16.9   | 9.3           | 7.6                     | 17.1   | 9.1           | 8.0                     | 11.4                  |
| 1986-91   | 16.8   | 9.7           | 7.2                     | 17.0   | 9.4           | 7.6                     | 10.9                  |
| 1991-96   | 16.3   | 10.0          | 6.4                     | 16.5   | 9.6           | 7.0                     | 10.0                  |
| 1996-2001 | 15.5   | 10.3          | 5.2                     | 15.7   | 9.8           | 5.9                     | 8.9                   |

(a) Average of annual births, deaths and natural increase (excess of births over deaths) during each year per thousand of mean population for the year. (b) Increase during the period per thousand of the population at the beginning of the period expressed as an annual rate using the compound interest principle. This method of calculating growth rates yields slightly different results from methods using mean populations. Therefore, the difference between the overall growth rate and the rate of natural increase is not an accurate measure of the rate of net immigration.

**TABLE 7. PERCENTAGE AGE DISTRIBUTION AND MEDIAN AGE OF PROJECTED POPULATION OF AUSTRALIA :  
EXCLUSIVE OF MIGRATION AFTER 30 JUNE 1976  
(per cent)**

| June     | Age group |        |         |         |         |             | All ages | Median age (b) |
|----------|-----------|--------|---------|---------|---------|-------------|----------|----------------|
|          | 0 – 4     | 5 – 14 | 15 – 24 | 25 – 44 | 45 – 64 | 65 and over |          |                |
| MALES    |           |        |         |         |         |             |          |                |
| 1976 (a) | 9.2       | 18.5   | 17.8    | 27.3    | 19.9    | 7.2         | 100.0    | 27.7           |
| 1981     | 7.9       | 17.8   | 17.8    | 29.1    | 19.6    | 7.7         | 100.0    | 28.9           |
| 1986     | 8.4       | 16.1   | 17.1    | 30.7    | 19.6    | 8.0         | 100.0    | 29.9           |
| 1991     | 8.4       | 15.4   | 16.5    | 31.3    | 19.9    | 8.6         | 100.0    | 30.9           |
| 1996     | 8.2       | 15.9   | 15.0    | 30.9    | 21.3    | 8.8         | 100.0    | 32.0           |
| 2001     | 7.8       | 15.8   | 14.5    | 30.5    | 22.8    | 8.7         | 100.0    | 32.7           |
| FEMALES  |           |        |         |         |         |             |          |                |
| 1976 (a) | 8.8       | 17.8   | 17.2    | 26.0    | 20.0    | 10.1        | 100.0    | 28.8           |
| 1981     | 7.5       | 17.1   | 17.0    | 27.9    | 19.6    | 10.9        | 100.0    | 30.3           |
| 1986     | 8.0       | 15.3   | 16.4    | 29.5    | 19.4    | 11.4        | 100.0    | 31.4           |
| 1991     | 7.9       | 14.6   | 15.7    | 30.1    | 19.6    | 12.1        | 100.0    | 32.5           |
| 1996     | 7.7       | 15.0   | 14.2    | 29.7    | 21.0    | 12.4        | 100.0    | 33.7           |
| 2001     | 7.3       | 14.9   | 13.7    | 29.2    | 22.7    | 12.3        | 100.0    | 34.6           |
| PERSONS  |           |        |         |         |         |             |          |                |
| 1976 (a) | 9.0       | 18.2   | 17.5    | 26.7    | 20.0    | 8.7         | 100.0    | 28.3           |
| 1981     | 7.7       | 17.5   | 17.4    | 28.5    | 19.6    | 9.3         | 100.0    | 29.6           |
| 1986     | 8.2       | 15.7   | 16.8    | 30.1    | 19.5    | 9.7         | 100.0    | 30.6           |
| 1991     | 8.1       | 15.0   | 16.1    | 30.7    | 19.7    | 10.3        | 100.0    | 31.7           |
| 1996     | 7.9       | 15.5   | 14.6    | 30.3    | 21.1    | 10.6        | 100.0    | 32.8           |
| 2001     | 7.5       | 15.3   | 14.1    | 29.8    | 22.7    | 10.5        | 100.0    | 33.7           |

(a) Preliminary estimate. (b) Estimated age separating the younger half of the population from the older.

**TABLE 8. PERCENTAGE AGE DISTRIBUTION AND MEDIAN AGE OF PROJECTED POPULATION OF AUSTRALIA:  
INCLUSIVE OF NET IMMIGRATION AT ILLUSTRATIVE LEVEL OF 50,000 PERSONS A YEAR**  
(per cent)

| (per cent) |           |        |         |         |         |             |          |                   |
|------------|-----------|--------|---------|---------|---------|-------------|----------|-------------------|
|            | Age group |        |         |         |         |             |          | Median<br>age (b) |
| June       | 0 - 4     | 5 - 14 | 15 - 24 | 25 - 44 | 45 - 64 | 65 and over | All ages |                   |
| MALES      |           |        |         |         |         |             |          |                   |
| 1976 (a)   | 9.2       | 18.5   | 17.8    | 27.3    | 19.9    | 7.2         | 100.0    | 27.7              |
| 1981       | 8.0       | 17.9   | 17.9    | 29.2    | 19.4    | 7.6         | 100.0    | 28.8              |
| 1986       | 8.5       | 16.3   | 17.2    | 31.0    | 19.2    | 7.8         | 100.0    | 29.6              |
| 1991       | 8.5       | 15.7   | 16.6    | 31.7    | 19.4    | 8.2         | 100.0    | 30.6              |
| 1996       | 8.3       | 16.2   | 15.2    | 31.3    | 20.7    | 8.4         | 100.0    | 31.5              |
| 2001       | 7.9       | 16.0   | 14.8    | 30.9    | 22.2    | 8.1         | 100.0    | 32.2              |
| FEMALES    |           |        |         |         |         |             |          |                   |
| 1976 (a)   | 8.8       | 17.8   | 17.2    | 26.0    | 20.0    | 10.1        | 100.0    | 28.8              |
| 1981       | 7.6       | 17.1   | 17.1    | 28.0    | 19.4    | 10.7        | 100.0    | 30.1              |
| 1986       | 8.1       | 15.5   | 16.5    | 29.8    | 19.0    | 11.1        | 100.0    | 31.1              |
| 1991       | 8.0       | 14.8   | 15.8    | 30.6    | 19.1    | 11.6        | 100.0    | 32.1              |
| 1996       | 7.8       | 15.3   | 14.4    | 30.2    | 20.5    | 11.8        | 100.0    | 33.2              |
| 2001       | 7.4       | 15.1   | 14.0    | 29.8    | 22.2    | 11.5        | 100.0    | 34.0              |
| PERSONS    |           |        |         |         |         |             |          |                   |
| 1976 (a)   | 9.0       | 18.2   | 17.5    | 26.7    | 20.0    | 8.7         | 100.0    | 28.3              |
| 1981       | 7.8       | 17.5   | 17.5    | 28.6    | 19.4    | 9.2         | 100.0    | 29.4              |
| 1986       | 8.3       | 15.9   | 16.8    | 30.4    | 19.1    | 9.5         | 100.0    | 30.4              |
| 1991       | 8.2       | 15.2   | 16.2    | 31.1    | 19.3    | 9.9         | 100.0    | 31.3              |
| 1996       | 8.0       | 15.7   | 14.8    | 30.8    | 20.6    | 10.1        | 100.0    | 32.3              |
| 2001       | 7.7       | 15.6   | 14.4    | 30.4    | 22.2    | 9.8         | 100.0    | 33.0              |

(a) Preliminary estimate. (b) Estimated age separating the younger half of the population from the older.

**TABLE 9. AVERAGE ANNUAL RATES OF GROWTH (a), BY AGE GROUPS,  
PROJECTED POPULATION OF AUSTRALIA : EXCLUSIVE OF MIGRATION AFTER 30 JUNE 1976  
(per cent)**

|                | <i>Age group</i> |               |                |                |                |                    |                 |
|----------------|------------------|---------------|----------------|----------------|----------------|--------------------|-----------------|
|                | <i>0 - 4</i>     | <i>5 - 14</i> | <i>15 - 24</i> | <i>25 - 44</i> | <i>45 - 64</i> | <i>65 and over</i> | <i>All ages</i> |
| <b>MALES</b>   |                  |               |                |                |                |                    |                 |
| 1976-81        | -2.3             | -0.1          | 0.6            | 2.0            | 0.4            | 2.1                | 0.6             |
| 1981-86        | 1.9              | -1.3          | ..             | 1.8            | 0.7            | 1.5                | 0.7             |
| 1986-91        | 0.6              | -0.2          | -0.1           | 1.1            | 1.0            | 1.9                | 0.7             |
| 1991-96        | 0.1              | 1.3           | -1.3           | 0.3            | 1.9            | 1.3                | 0.6             |
| 1996-2001      | -0.5             | 0.4           | -0.2           | 0.2            | 1.9            | 0.1                | 0.5             |
| <b>FEMALES</b> |                  |               |                |                |                |                    |                 |
| 1976-81        | -2.3             | -0.1          | 0.6            | 2.1            | 0.3            | 2.2                | 0.8             |
| 1981-86        | 1.9              | -1.3          | 0.1            | 2.0            | 0.6            | 1.8                | 0.8             |
| 1986-91        | 0.6              | -0.2          | -0.1           | 1.2            | 0.9            | 1.9                | 0.8             |
| 1991-96        | 0.1              | 1.2           | -1.3           | 0.4            | 2.1            | 1.2                | 0.7             |
| 1996-2001      | -0.5             | 0.3           | -0.2           | 0.2            | 2.1            | 0.3                | 0.6             |
| <b>PERSONS</b> |                  |               |                |                |                |                    |                 |
| 1976-81        | -2.3             | -0.1          | 0.6            | 2.0            | 0.4            | 2.1                | 0.7             |
| 1981-86        | 1.9              | -1.3          | ..             | 1.9            | 0.6            | 1.7                | 0.8             |
| 1986-91        | 0.6              | -0.2          | -0.1           | 1.1            | 1.0            | 1.9                | 0.7             |
| 1991-96        | 0.1              | 1.3           | -1.3           | 0.4            | 2.0            | 1.2                | 0.6             |
| 1996-2001      | -0.5             | 0.3           | -0.2           | 0.2            | 2.0            | 0.2                | 0.5             |

(a) Increase during the period as a percentage of the population at the beginning of the period expressed as an annual rate using the compound interest principle.



**TABLE 10. AVERAGE ANNUAL RATES OF GROWTH (a), BY AGE GROUPS, PROJECTED  
POPULATION OF AUSTRALIA : INCLUSIVE OF NET IMMIGRATION AT ILLUSTRATIVE  
LEVEL OF 50,000 PERSONS A YEAR  
(per cent)**

|           | Age group |        |         |         |         |             | All ages |
|-----------|-----------|--------|---------|---------|---------|-------------|----------|
|           | 0 - 4     | 5 - 14 | 15 - 24 | 25 - 44 | 45 - 64 | 65 and over |          |
| MALES     |           |        |         |         |         |             |          |
| 1976-81   | -1.8      | 0.3    | 1.1     | 2.4     | 0.5     | 2.1         | 1.0      |
| 1981-86   | 2.4       | -0.8   | 0.4     | 2.3     | 0.9     | 1.6         | 1.1      |
| 1986-91   | 1.0       | 0.3    | 0.3     | 1.5     | 1.3     | 2.0         | 1.1      |
| 1991-96   | 0.5       | 1.6    | -0.8    | 0.7     | 2.3     | 1.4         | 1.0      |
| 1996-2001 | ..        | 0.7    | 0.3     | 0.6     | 2.3     | 0.2         | 0.9      |
| FEMALES   |           |        |         |         |         |             |          |
| 1976-81   | -1.8      | 0.3    | 1.0     | 2.6     | 0.5     | 2.3         | 1.1      |
| 1981-86   | 2.4       | -0.8   | 0.4     | 2.4     | 0.8     | 1.9         | 1.2      |
| 1986-91   | 1.0       | 0.3    | 0.3     | 1.6     | 1.2     | 2.0         | 1.1      |
| 1991-96   | 0.5       | 1.6    | -0.8    | 0.8     | 2.4     | 1.3         | 1.0      |
| 1996-2001 | ..        | 0.7    | 0.3     | 0.6     | 2.5     | 0.5         | 0.9      |
| PERSONS   |           |        |         |         |         |             |          |
| 1976-81   | -1.8      | 0.3    | 1.1     | 2.5     | 0.5     | 2.2         | 1.1      |
| 1981-86   | 2.4       | -0.8   | 0.4     | 2.4     | 0.8     | 1.8         | 1.1      |
| 1986-91   | 1.0       | 0.3    | 0.3     | 1.6     | 1.2     | 2.0         | 1.1      |
| 1991-96   | 0.5       | 1.6    | -0.8    | 0.8     | 2.4     | 1.4         | 1.0      |
| 1996-2001 | ..        | 0.7    | 0.3     | 0.6     | 2.4     | 0.4         | 0.9      |

(a) Increase during the period as a percentage of the population at the beginning of the period expressed as an annual rate using the compound interest principle.

TABLE 11. MASCULINITY OF PROJECTED POPULATION OF AUSTRALIA, BY AGE GROUPS

| (males per hundred females)  |           |        |         |       |        |             |          |
|--|-----------|--------|---------|-------|--------|-------------|----------|
|  | Age group |        |         |       |        |             |          |
| June   | 0 - 4     | 5 - 14 | 15 - 24 | 25-44 | 45- 64 | 65 and over | All ages |
| EXCLUSIVE OF MIGRATION AFTER JUNE 1976   |           |        |         |       |        |             |          |
| 1976 (a)   | 105.1     | 104.7  | 104.4   | 105.5 | 100.2  | 71.7        | 100.7    |
| 1981   | 105.1     | 104.6  | 104.6   | 104.6 | 100.3  | 71.2        | 100.2    |
| 1986   | 105.1     | 104.9  | 104.1   | 103.9 | 100.7  | 70.2        | 99.7     |
| 1991   | 105.1     | 104.9  | 104.0   | 103.3 | 101.0  | 70.3        | 99.4     |
| 1996   | 105.1     | 105.0  | 104.3   | 102.9 | 100.4  | 70.5        | 99.0     |
| 2001   | 105.1     | 105.0  | 104.4   | 102.9 | 99.4   | 69.7        | 98.7     |
| INCLUSIVE OF NET IMMIGRATION AT ILLUSTRATIVE LEVEL OF<br>50,000 PERSONS A YEAR |           |        |         |       |        |             |          |
| 1976 (a)   | 105.1     | 104.7  | 104.4   | 105.5 | 100.2  | 71.7        | 100.7    |
| 1981   | 105.1     | 104.7  | 104.8   | 104.4 | 100.2  | 71.1        | 100.2    |
| 1986   | 105.1     | 105.0  | 104.5   | 103.7 | 100.6  | 70.1        | 99.8     |
| 1991   | 105.1     | 105.0  | 104.5   | 103.3 | 101.1  | 70.1        | 99.5     |
| 1996   | 105.1     | 105.0  | 104.8   | 102.7 | 100.4  | 70.1        | 99.2     |
| 2001   | 105.1     | 105.0  | 104.8   | 102.9 | 99.4   | 69.3        | 99.0     |

(a) Preliminary estimate.

**TABLE 12. ACTUAL AND PROJECTED AGE-SPECIFIC BIRTH RATES, TOTAL FERTILITY AND NET REPRODUCTION RATES, AUSTRALIA**

|                 | Age group |         |         |         |         |         |         | Total fertility | Net reproduction rate |
|-----------------|-----------|---------|---------|---------|---------|---------|---------|-----------------|-----------------------|
|                 | 15 - 19   | 20 - 24 | 25 - 29 | 30 - 34 | 35 - 39 | 40 - 44 | 45 - 49 |                 |                       |
| ACTUAL          |           |         |         |         |         |         |         |                 |                       |
| 1961            | 47.4      | 225.8   | 221.2   | 131.1   | 63.4    | 19.2    | 1.4     | 3,547           | 1.7                   |
| 1966            | 48.9      | 173.1   | 183.9   | 105.1   | 50.6    | 14.2    | 1.0     | 2,884           | 1.4                   |
| 1971            | 55.5      | 181.9   | 193.5   | 101.8   | 44.2    | 11.3    | 0.8     | 2,944           | 1.4                   |
| 1972            | 54.4      | 168.7   | 181.7   | 94.0    | 38.9    | 10.0    | 0.7     | 2,742           | 1.3                   |
| 1973            | 49.0      | 155.4   | 166.9   | 84.2    | 33.6    | 8.4     | 0.6     | 2,491           | 1.2                   |
| 1974            | 45.2      | 150.1   | 164.5   | 81.5    | 30.0    | 7.4     | 0.5     | 2,396           | 1.1                   |
| PROVISIONAL (a) |           |         |         |         |         |         |         |                 |                       |
| 1975            | 41.4      | 138.5   | 154.9   | 76.6    | 26.8    | 6.4     | 0.4     | 2,225           | 1.1                   |
| PROJECTED       |           |         |         |         |         |         |         |                 |                       |
| 1976            | 36.5      | 126.4   | 146.1   | 72.2    | 24.4    | 6.1     | 0.1     | 2,059           | 1.0                   |
| 1977            | 35.1      | 125.3   | 144.7   | 69.5    | 22.8    | 5.5     | 0.1     | 2,015           | 1.0                   |
| 1978            | 32.9      | 125.6   | 143.9   | 68.0    | 21.6    | 5.1     | 0.1     | 1,986           | 0.9                   |
| 1979            | 31.8      | 127.9   | 145.1   | 66.9    | 20.5    | 4.7     | 0.1     | 1,985           | 0.9                   |
| 1980            | 32.1      | 131.6   | 149.4   | 66.5    | 19.8    | 4.6     | ..      | 2,020           | 1.0                   |
| 1981            | 32.3      | 135.6   | 156.1   | 65.6    | 19.4    | 4.4     | ..      | 2,067           | 1.0                   |
| 1982            | 31.5      | 137.9   | 158.9   | 66.3    | 19.0    | 4.2     | ..      | 2,089           | 1.0                   |
| 1983            | 31.6      | 139.0   | 160.3   | 67.1    | 18.7    | 4.1     | ..      | 2,104           | 1.0                   |
| 1984-2001       | 31.7      | 140.1   | 161.5   | 67.2    | 18.7    | 4.2     | ..      | 2,117           | 1.0                   |

(a) Based on incomplete data.

NOTE . The *age-specific birth rate* is the number of live births to mothers of a specified age per 1,000 of the female population of that age. *Total fertility* is the sum of the age-specific birth rates.

The (female) *net reproduction rate* is the average number of live daughters that would be born during their reproductive lifetime to a hypothetical female birth cohort subjected to the age-specific birth rates of the year shown and to current mortality rates.

TABLE 13. ACTUAL AND PROJECTED FERTILITY RATES BY BIRTH ORDER,  
EX-NUPTIAL RATE AND TOTAL FERTILITY, AUSTRALIA

|                 | Previous issue |     |     |     |           | Total<br>nuptial | Ex-<br>nuptial | Total<br>(confinements) | Total<br>fertility |
|-----------------|----------------|-----|-----|-----|-----------|------------------|----------------|-------------------------|--------------------|
|                 | 0              | 1   | 2   | 3   | 4 or more |                  |                |                         |                    |
| ACTUAL          |                |     |     |     |           |                  |                |                         |                    |
| 1961            | 1,030          | 898 | 647 | 378 | 384       | 3,337            | 174            | 3,511                   | 3,547              |
| 1966            | 898            | 732 | 486 | 266 | 283       | 2,665            | 190            | 2,855                   | 2,884              |
| 1971            | 954            | 789 | 476 | 233 | 213       | 2,666            | 254            | 2,920                   | 2,944              |
| 1972            | 903            | 769 | 428 | 199 | 174       | 2,473            | 248            | 2,721                   | 2,742              |
| 1973            | 822            | 734 | 378 | 163 | 140       | 2,236            | 229            | 2,465                   | 2,491              |
| 1974            | 808            | 735 | 357 | 146 | 110       | 2,156            | 216            | 2,372                   | 2,396              |
| PROVISIONAL (a) |                |     |     |     |           |                  |                |                         |                    |
| 1975            | 756            | 690 | 333 | 124 | 90        | 1,993            | 216            | 2,209                   | 2,225              |
| PROJECTED       |                |     |     |     |           |                  |                |                         |                    |
| 1976            | 700            | 655 | 321 | 109 | 67        | 1,852            | 186            | 2,038                   | 2,059              |
| 1977            | 730            | 626 | 304 | 100 | 54        | 1,814            | 181            | 1,995                   | 2,015              |
| 1978            | 760            | 605 | 284 | 93  | 45        | 1,787            | 179            | 1,966                   | 1,986              |
| 1979            | 790            | 606 | 267 | 86  | 37        | 1,786            | 179            | 1,965                   | 1,985              |
| 1980            | 820            | 631 | 255 | 79  | 33        | 1,818            | 182            | 2,000                   | 2,020              |
| 1981            | 850            | 656 | 252 | 73  | 29        | 1,860            | 186            | 2,046                   | 2,067              |
| 1982            | 850            | 681 | 255 | 69  | 25        | 1,880            | 188            | 2,068                   | 2,089              |
| 1983            | 850            | 697 | 260 | 66  | 21        | 1,894            | 189            | 2,083                   | 2,104              |
| 1984-2001       | 850            | 706 | 264 | 65  | 20        | 1,905            | 191            | 2,096                   | 2,117              |

(a) Based on incomplete data.

NOTE. All rates shown above are the sum of age-specific rates per 1,000 females in each age group. *Fertility rates by birth order* relate to first, second, etc. confinements (to an existing marriage), and are summed to the *total nuptial fertility rate*. Similarly, the *ex-nuptial fertility rate* relates to ex-nuptial confinements. A factor, to allow for multiple births, is applied to the total fertility (confinements) to obtain the *total fertility rate*.

TABLE 14. OVERSEAS ARRIVALS AND DEPARTURES, BY CATEGORY,  
AUSTRALIA, 1961 TO 1975  
(<sup>0000</sup>)

|      | <i>Permanent movement</i> |                   |            | <i>Net<br/>long-term<br/>movement</i> | <i>Net<br/>short-term<br/>movement</i> | <i>Net total movement</i> |                |                |
|------|---------------------------|-------------------|------------|---------------------------------------|--|---------------------------|----------------|----------------|
|      | <i>Arrivals</i>           | <i>Departures</i> | <i>Net</i> |                                       |  | <i>Males</i>              | <i>Females</i> | <i>Persons</i> |
| 1961 | 95.4                      | 14.8              | 80.6       | -12.2                                 | -6.9                                   | 29.1                      | 32.5           | 61.5           |
| 1962 | 90.5                      | 15.4              | 75.0       | -10.4                                 | -2.1                                   | 28.6                      | 33.9           | 62.5           |
| 1963 | 108.2                     | 16.3              | 91.9       | -15.0                                 | -5.2                                   | 36.2                      | 35.4           | 71.6           |
| 1964 | 134.5                     | 15.1              | 119.4      | -15.4                                 | -4.7                                   | 52.1                      | 47.3           | 99.3           |
| 1965 | 147.5                     | 20.9              | 126.6      | -15.0                                 | -6.8                                   | 54.5                      | 50.3           | 104.9          |
| 1966 | 141.0                     | 26.3              | 114.7      | -18.8                                 | -9.0                                   | 44.9                      | 42.0           | 86.9           |
| 1967 | 135.0                     | 30.8              | 104.2      | -7.7                                  | -4.6                                   | 49.6                      | 42.3           | 91.9           |
| 1968 | 159.3                     | 31.7              | 127.6      | -4.1                                  | -10.4                                  | 61.5                      | 51.6           | 113.1          |
| 1969 | 183.4                     | 33.6              | 149.8      | -9.5                                  | -11.3                                  | 69.7                      | 59.3           | 129.0          |
| 1970 | 185.3                     | 37.3              | 148.0      | -9.6                                  | -15.5                                  | 65.5                      | 57.3           | 122.9          |
| 1971 | 155.5                     | 41.1              | 114.4      | -10.9                                 | -18.9                                  | 43.6                      | 41.0           | 84.6           |
| 1972 | 112.5                     | 45.9              | 66.6       | -10.3                                 | -28.5                                  | 11.0                      | 16.9           | 27.8           |
| 1973 | 105.0                     | 43.4              | 61.6       | 5.9                                   | -27.1                                  | 20.0                      | 20.4           | 40.4           |
| 1974 | 121.3                     | 33.8              | 87.6       | -0.3                                  | -0.1                                   | 47.1                      | 40.0           | 87.1           |
| 1975 | 54.1                      | 29.1              | 25.0       | -11.5                                 | -21.6                                  | -6.2                      | -2.0           | -8.1           |

NOTE. *Permanent movement* consists of settlers arriving and Australian residents departing permanently, including former settlers. *Long-term movement* comprises overseas visitors arriving and Australian residents departing temporarily with the intention to stay, in Australia or abroad, respectively, for twelve months or more together with the departure of overseas visitors and the return of Australian residents who had stayed, in Australia or abroad, for twelve months or more. All other travellers, i.e. those whose intended or actual stay is less than twelve months, are classified as *short-term*. *Net movement* is the excess of arrivals over departures.

**TABLE 15. AGE DISTRIBUTION FOR ASSUMED ANNUAL NET MIGRATION GAIN, AUSTRALIA**  
(per cent persons)

| <i>Age group</i> | <i>Males</i> | <i>Females</i> | <i>Persons</i> |
|------------------|--------------|----------------|----------------|
| 0 - 4            | 5.5          | 5.2            | 10.7           |
| 5 - 9            | 5.8          | 5.3            | 11.1           |
| 10 - 14          | 4.6          | 4.1            | 8.7            |
| 15 - 19          | 6.1          | 5.3            | 11.4           |
| 20 - 24          | 6.7          | 6.3            | 13.0           |
| 25 - 29          | 6.5          | 7.9            | 14.4           |
| 30 - 34          | 5.2          | 4.9            | 10.1           |
| 35 - 39          | 3.6          | 3.0            | 6.6            |
| 40 - 44          | 2.3          | 1.9            | 4.2            |
| 45 - 49          | 1.3          | 1.3            | 2.6            |
| 50 - 54          | 0.9          | 1.0            | 1.9            |
| 55 - 59          | 0.6          | 1.0            | 1.6            |
| 60 - 64          | 0.6          | 1.0            | 1.6            |
| 65 - 69          | 0.4          | 0.7            | 1.1            |
| 70 - 74          | 0.2          | 0.3            | 0.5            |
| 75 - 79          | 0.1          | 0.1            | 0.2            |
| 80 - 84          | 0.1          | 0.1            | 0.2            |
| 85 and over      | ..           | 0.1            | 0.1            |
| <b>All ages</b>  | <b>50.5</b>  | <b>49.5</b>    | <b>100.0</b>   |

NOTE. The above distribution relates to net permanent and long-term movement in 1971 to 1975. For the projections, single-year age values were calculated by an interpolation process.

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