## POPULATION

## CONTENTS

## page

NOTES ..... 2
SUMMARY OF FINDINGS ..... 3
TABLE
1 Estimated resident population, statistical local areas, 30 June ..... 5
2 Estimated resident population, legal local government areas, 30 June ..... 6
3 Estimated resident population and mean resident population ..... 7
4 Population growth ..... 8
5 Natural increase ..... 8
6 Migration ..... 9
7 Estimated resident population, age groups, 30 June ..... 10
ADDITIONAL INFORMATION
Explanatory notes ..... 11
Maps ..... 13

## NOTES

This publication contains estimates of the resident populations of Statistical Local Areas (SLAs) and Local Government Areas (LGAs) of Tasmania as at 30 June 1997 and 1998. Also included are Estimated Resident Populations for the Census years of 1991 and 1996.

The publication also presents an analysis of the components of population change in Tasmania over the last six years.

Information on the methodology used to estimate resident population in Tasmania (and in the LGAs and SLAs) is contained in the Explanatory Notes at the back of this publication. The notes also contain an assessment of the quality of the estimates produced.

## Glenn Appleyard

Regional Director, Tasmania

## SUMMARY OF FINDINGS

## POPULATION DECLINE CONTINUES

Tasmania's population decreased by an estimated 1,593 persons between 30 June 1997 and 30 June 1998 from 473,478 to 471,885.

## INTERSTATE MIGRATION THE MAJOR FACTOR

Tasmania's population growth rate for 1997-98 was - $0.34 \%$ compared with Australia's growth rate of $1.22 \%$ for the same period. Australia's rate represented a small increase over the $1.17 \%$ recorded for $1996-97$, whereas Tasmania's rate represented a further decrease from the $-0.20 \%$ for 1996-97.

Tasmania's declining population growth results from an increasingly negative net interstate migration movement. In 1997-98, Tasmania recorded a net loss through interstate migration of 3,966 persons. This is a further extension of a downward trend commencing from a high point in 1989-90 when a net gain of 2,790 was recorded.

The 1997-98 net loss figure was created by an excess of 14,856 departures over arrivals of 10,890. Notably, compared to 1996-97, there were 358 less persons arriving in the State, but this was offset by 53 less departing the State.

## SMALL OVERSEAS MIGRATION

The negative trend of net interstate migration was only offset in a very minor way by net overseas migration. The net figure for 1997-98 was just 240, a small decrease from the 252 recorded in 1996-97. Tasmania's net overseas migration rate of $0.05 \%$ for 1997-98 compared with Australia's figure of $0.57 \%$.

## NATURAL INCREASE STEADILY DECLINING

Tasmania's natural increase in 1997-98 was 2,133, a decrease of 311 on the previous year. Underlying the change in natural increase was 349 fewer births and 38 fewer deaths registered in 1997-98 than in 1996-97.

Tasmania's natural increase rate, whilst normally lower than Australia's, decreased further in comparison. In 1997-98, Tasmania's rate was $0.45 \%$ compared to $0.64 \%$ for Australia. Tasmania's natural increase rate for 1997-98 was marginally less than the 1996-97 figure of $0.52 \%$ and continues the downward trend from the high of $0.74 \%$ in $1989-90$.

## AGEING OF THE POPULATION

The median age of Tasmanians in 1997-98 was 35.6 years, an increase on the 35.1 years for 1996-97. The median age for males was 34.9 years in 1997-98 (34.3 years in 1996-97) and for females was 36.3 years ( 35.7 years in 1996-97). The median age of Australians in 1997-98 was 34.6 years, 33.9 years for males and 35.3 for females.

Factors contributing to increased median ages include longer life expectancy, declining fertility (evident in smaller families and deferred first births) and structural changes resulting from net migration age profiles.

## REGIONS

With the trend towards increasing median ages, the proportion of the State's population in older age groups continues to rise. At 30 June 1988, persons aged 65 years and over accounted for $11.4 \%$ of the population, compared to $13.2 \%$ at 30 June 1998.

Conversely, the proportion of persons in the younger age groups has declined. Children under 15 years accounted for $23.4 \%$ of the State's population at 30 June 1988, but by 30 June 1998 this had fallen to $21.6 \%$. A similar decline was estimated for $20-29$ year olds, from $15.7 \%$ at 30 June 1988 to $13.4 \%$ at 30 June 1998.

The Greater Hobart-Southern Region accounted for $48.7 \%$ of Tasmania's estimated resident population at 30 June 1998; the Northern Region had $28.2 \%$; and the Mersey-Lyell Region, $23.1 \%$. Since 1996, Greater Hobart-Southern has increased its share slightly at the expense of the Northern and Mersey-Lyell Regions.

Between 1996-98, the Greater-Hobart Southern Region showed an average annual growth rate of $-0.13 \%$, the Northern Region $-0.31 \%$ and Mersey-Lyell Region $-0.52 \%$. The average annual growth rate for the State as a whole for this period was $-0.27 \%$.

## LOCAL GOVERNMENT AREAS

In the period 30 June 1996 to 30 June 1998, Sorell municipality recorded the largest growth rate with an average annual increase of $1.19 \%$. Other local government areas (LGAs) showing moderate growth were Latrobe ( $0.93 \%$ ), Tasman ( $0.81 \%$ ), Brighton (0.30\%) and Kingborough (0.29\%).

Significant decreases occurred in West Coast ( $-3.31 \%$ ), King Island ( $-1.85 \%$ ), Flinders $(-1.80 \%)$, Central Highlands $(-0.83 \%)$, Burnie $(-0.78 \%)$ and George Town $(-0.77 \%)$.

## CHANGES IN 1997-98

Only ten of the twenty nine LGAs recorded growth in the twelve months ended 30 June 1998. Latrobe municipality became the fastest growing LGA with an average annual increase of $0.86 \%$ followed by Sorell ( $0.82 \%$ ), Tasman ( $0.81 \%$ ), Brighton ( $0.41 \%$ ), Circular Head ( $0.32 \%$ ) and Glamorgan/Spring Bay ( $0.26 \%$ ).

## STATISTICAL LOCAL AREAS

The growth areas referred to in the previous section are again highlighted in an analysis of major statistical components of local government areas in the period 30 June 1996 to 30 June 1998. Of those Statistical Local Areas with a Part A (the Part A indicating that it is the predominantly urban component of the local government area), Sorell experienced an average annual growth rate of $1.13 \%$, Latrobe $0.94 \%$, Meander Valley $0.88 \%$, Northern Midlands $0.36 \%$, Brighton $0.30 \%$, West Tamar $0.24 \%$ and Kingborough $0.20 \%$.

In the predominantly rural areas (generally with a Part B), over the same period, Sorell experienced an average annual growth rate of $1.75 \%$, Kingborough $1.27 \%$, Latrobe $0.89 \%$, Tasman $0.81 \%$ and Circular Head $0.25 \%$.

| Statistical Division |  |  |  |  | Growth rate (a) | Growth rate (a) | Proportion of State |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Statistical Subdivision | 1991 | 1996 | 1997p | 1998p | 1991-96 | 1996-98 | 1998 |
| Statistical Local Area |  |  |  |  |  |  |  |
|  | no. | no. | no. | no. | \% | \% | \% |


| Greater Hobart | 190739 | 195718 | 195468 | 194974 | 0.52 | -0.19 | 41.32 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Brighton | 12190 | 12753 | 12777 | 12830 | 0.91 | 0.30 | 2.72 |
| Clarence | 49379 | 49550 | 49408 | 49158 | 0.07 | -0.40 | 10.42 |
| Derwent Valley-Part A | 7072 | 6785 | 6764 | 6749 | -0.83 | -0.27 | 1.43 |
| Glenorchy | 43578 | 44440 | 44258 | 44117 | 0.39 | -0.36 | 9.35 |
| Hobart-Inner | 397 | 378 | 378 | 372 | -0.98 | -0.80 | 0.08 |
| Hobart-Remainder | 47284 | 46515 | 46343 | 46130 | -0.33 | -0.41 | 9.78 |
| Kingborough-Part A | 23182 | 25662 | 25756 | 25764 | 2.05 | 0.20 | 5.46 |
| Sorell-Part A | 7657 | 9635 | 9784 | 9854 | 4.70 | 1.13 | 2.09 |
| Southern | 33016 | 34469 | 34622 | 34619 | 0.87 | 0.22 | 7.34 |
| Central Highlands | 2969 | 2554 | 2527 | 2512 | -2.97 | -0.83 | 0.53 |
| Derwent Valley-Part B | 3274 | 3083 | 3088 | 3095 | -1.19 | 0.19 | 0.66 |
| Glamorgan/Spring Bay | 3927 | 4152 | 4153 | 4164 | 1.12 | 0.14 | 0.88 |
| Huon Valley | 12634 | 13474 | 13554 | 13494 | 1.30 | 0.07 | 2.86 |
| Kingborough-Part B | 2259 | 2434 | 2483 | 2496 | 1.50 | 1.27 | 0.53 |
| Sorell-Part B | 861 | 989 | 1006 | 1024 | 2.81 | 1.75 | 0.22 |
| Southern Midlands | 5136 | 5575 | 5585 | 5590 | 1.65 | 0.13 | 1.18 |
| Tasman | 1956 | 2208 | 2226 | 2244 | 2.45 | 0.81 | 0.48 |
| Northern | 131080 | 134047 | 133719 | 133229 | 0.45 | -0.31 | 28.23 |
| Greater Launceston | 96134 | 98829 | 98668 | 98352 | 0.55 | -0.24 | 20.84 |
| George Town-Part A | 6231 | 5886 | 5826 | 5792 | -1.13 | -0.80 | 1.23 |
| Launceston-Inner | 336 | 252 | 251 | 247 | -5.59 | -1.00 | 0.05 |
| Launceston-Part B | 62040 | 60670 | 60382 | 60031 | -0.45 | -0.53 | 12.72 |
| Meander Valley-Part A | 4737 | 6856 | 6941 | 6977 | 7.67 | 0.88 | 1.48 |
| Northern Midlands-Part A | 6424 | 7154 | 7189 | 7206 | 2.18 | 0.36 | 1.53 |
| West Tamar-Part A | 16366 | 18011 | 18079 | 18099 | 1.93 | 0.24 | 3.84 |
| Central North | 21002 | 20928 | 20818 | 20706 | -0.07 | -0.53 | 4.39 |
| George Town-Part B | 934 | 1043 | 1033 | 1031 | 2.23 | -0.58 | 0.22 |
| Launceston-Part C | 2994 | 2974 | 2973 | 2959 | -0.13 | -0.25 | 0.63 |
| Meander Valley-Part B | 10268 | 10411 | 10342 | 10312 | 0.28 | -0.48 | 2.19 |
| Northern Midlands-Part B | 5048 | 4688 | 4652 | 4610 | -1.47 | -0.84 | 0.98 |
| West Tamar-Part B | 1758 | 1812 | 1818 | 1794 | 0.61 | -0.50 | 0.38 |
| North Eastern | 13944 | 14290 | 14233 | 14171 | 0.49 | -0.42 | 3.00 |
| Break O'Day | 5551 | 5881 | 5868 | 5825 | 1.16 | -0.48 | 1.23 |
| Dorset | 7428 | 7428 | 7390 | 7400 | 0.00 | -0.19 | 1.57 |
| Flinders | 965 | 981 | 975 | 946 | 0.33 | -1.80 | 0.20 |
| Mersey-Lyell | 111967 | 110209 | 109669 | 109063 | -0.32 | -0.52 | 23.11 |
| Burnie-Devonport | 79316 | 79175 | 78942 | 78605 | -0.04 | -0.36 | 16.66 |
| Burnie-Part A | 18875 | 17835 | 17738 | 17587 | -1.13 | -0.70 | 3.73 |
| Central Coast-Part A | 17835 | 18062 | 18004 | 17911 | 0.25 | -0.42 | 3.80 |
| Devonport | 25211 | 24935 | 24784 | 24667 | -0.22 | -0.54 | 5.23 |
| Latrobe-Part A | 6223 | 7132 | 7204 | 7266 | 2.76 | 0.94 | 1.54 |
| Waratah/Wynyard-Part A | 11172 | 11211 | 11212 | 11174 | 0.07 | -0.17 | 2.37 |
| North Western Rural | 24987 | 24683 | 24600 | 24521 | -0.24 | -0.33 | 5.20 |
| Burnie-Part B | 2196 | 2142 | 2096 | 2078 | -0.50 | -1.51 | 0.44 |
| Central Coast-Part B | 3300 | 3289 | 3249 | 3211 | -0.07 | -1.19 | 0.68 |
| Circular Head | 8530 | 8450 | 8466 | 8493 | -0.19 | 0.25 | 1.80 |
| Kentish | 5176 | 5462 | 5485 | 5468 | 1.08 | 0.05 | 1.16 |
| King Island | 1917 | 1879 | 1846 | 1810 | -0.40 | -1.85 | 0.38 |
| Latrobe-Part B | 701 | 669 | 675 | 681 | -0.93 | 0.89 | 0.14 |
| Waratah/Wynyard-Part B | 3167 | 2792 | 2783 | 2780 | -2.49 | -0.22 | 0.59 |
| Lyell | 7664 | 6351 | 6127 | 5937 | -3.69 | -3.31 | 1.26 |
| West Coast | 7664 | 6351 | 6127 | 5937 | -3.69 | -3.31 | 1.26 |
| Tasmania | 466802 | 474443 | 473478 | 471885 | 0.33 | -0.27 | 100.00 |

[^0]ESTIMATED RESIDENT POPULATION, LEGAL LOCAL GOVERNMENT AREAS, 30


| Greater Hobart-Southern | 223755 | 230187 | 230090 | 229593 | 0.57 | -0.13 | 48.65 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Brighton | 12190 | 12753 | 12777 | 12830 | 0.91 | 0.30 | 2.72 |
| Central Highlands | 2969 | 2554 | 2527 | 2512 | -2.97 | -0.83 | 0.53 |
| Clarence | 49379 | 49550 | 49408 | 49158 | 0.07 | -0.40 | 10.42 |
| Derwent Valley | 10346 | 9868 | 9852 | 9844 | -0.94 | -0.12 | 2.09 |
| Glamorgan/Spring Bay | 3927 | 4152 | 4153 | 4164 | 1.12 | 0.14 | 0.88 |
| Glenorchy | 43578 | 44440 | 44258 | 44117 | 0.39 | -0.36 | 9.35 |
| Hobart | 47681 | 46893 | 46721 | 46502 | -0.33 | -0.42 | 9.85 |
| Huon Valley | 12634 | 13474 | 13554 | 13494 | 1.30 | 0.07 | 2.86 |
| Kingborough | 25441 | 28096 | 28239 | 28260 | 2.01 | 0.29 | 5.99 |
| Sorell | 8518 | 10624 | 10790 | 10878 | 4.52 | 1.19 | 2.31 |
| Southern Midlands | 5136 | 5575 | 5585 | 5590 | 1.65 | 0.13 | 1.18 |
| Tasman | 1956 | 2208 | 2226 | 2244 | 2.45 | 0.81 | 0.48 |
| Northern | 131080 | 134047 | 133719 | 133229 | 0.45 | -0.31 | 28.23 |
| Break O'Day | 5551 | 5881 | 5868 | 5825 | 1.16 | -0.48 | 1.23 |
| Dorset | 7428 | 7428 | 7390 | 7400 | 0.00 | -0.19 | 1.57 |
| Flinders | 965 | 981 | 975 | 946 | 0.33 | -1.80 | 0.20 |
| George Town | 7165 | 6929 | 6859 | 6823 | -0.67 | -0.77 | 1.45 |
| Launceston | 65370 | 63896 | 63606 | 63237 | -0.46 | -0.52 | 13.40 |
| Meander Valley | 15005 | 17267 | 17283 | 17289 | 2.85 | 0.06 | 3.66 |
| Northern Midlands | 11472 | 11842 | 11841 | 11816 | 0.64 | -0.11 | 2.50 |
| West Tamar | 18124 | 19823 | 19897 | 19893 | 1.81 | 0.18 | 4.22 |
| Mersey-Lyell | 111967 | 110209 | 109669 | 109063 | -0.32 | -0.52 | 23.11 |
| Burnie | 21071 | 19977 | 19834 | 19665 | -1.06 | -0.78 | 4.17 |
| Central Coast | 21135 | 21351 | 21253 | 21122 | 0.20 | -0.54 | 4.48 |
| Circular Head | 8530 | 8450 | 8466 | 8493 | -0.19 | 0.25 | 1.80 |
| Devonport | 25211 | 24935 | 24784 | 24667 | -0.22 | -0.54 | 5.23 |
| Kentish | 5176 | 5462 | 5485 | 5468 | 1.08 | 0.05 | 1.16 |
| King Island | 1917 | 1879 | 1846 | 1810 | -0.40 | -1.85 | 0.38 |
| Latrobe | 6924 | 7801 | 7879 | 7947 | 2.41 | 0.93 | 1.68 |
| Waratah/Wynyard | 14339 | 14003 | 13995 | 13954 | -0.47 | -0.18 | 2.96 |
| West Coast | 7664 | 6351 | 6127 | 5937 | -3.69 | -3.31 | 1.26 |
| Tasmania | 466802 | 474443 | 473478 | 471885 | 0.33 | -0.27 | 100.00 |

(a) Average annual rate of increase or decrease (-) in population.

|  | ESTIMAT | ESIDENT | ULATION | MEAN R | NT POP | ION....... |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Males | Females | Persons | Males | Females | Persons |
|  | no. | no. | no. | no. | no. | no. |
| Year ended 30 June |  |  |  |  |  |  |
| 1993 | 233390 | 238269 | 471659 | 233152 | 237753 | 470905 |
| 1994 | 233862 | 239077 | 472939 | 233697 | 238722 | 472419 |
| 1995 | 234048 | 239625 | 473673 | 234001 | 239450 | 473451 |
| 1996 | 234302 | 240141 | 474443 | 234215 | 239885 | 474100 |
| 1997 | 233661 | 239817 | 473478 | 234117 | 240116 | 474233 |
| 1998 | 232636 | 239249 | 471885 | 233190 | 239549 | 472738 |
| Year ended 31 Decem |  |  |  |  |  |  |
| 1992 | 233206 | 237817 | 471023 | 232674 | 237111 | 469785 |
| 1993 | 233767 | 238774 | 472541 | 233507 | 238325 | 471832 |
| 1994 | 233955 | 239435 | 473390 | 233865 | 239118 | 472982 |
| 1995 | 234220 | 239916 | 474136 | 234118 | 239676 | 473794 |
| 1996 | 234117 | 240119 | 474236 | 234257 | 240083 | 474340 |
| 1997 | 233177 | 239495 | 472672 | 233682 | 239872 | 473554 |
| 1996 |  |  |  |  |  |  |
| September p | 234301 | 240213 | 474514 | .. | .. | .. |
| December p | 234117 | 240119 | 474236 | . | . | . |
| 1997 |  |  |  |  |  |  |
| March p | 234000 | 240086 | 474086 | .. | .. | .. |
| June p | 233661 | 239817 | 473478 | .. | .. | .. |
| September p | 233392 | 239717 | 473109 | .. | .. | .. |
| December p | 233177 | 239495 | 472672 | .. | .. | . |
| 1998 |  |  |  |  |  |  |
| March p | 233014 | 239415 | 472429 | .. | .. | .. |
| June p | 232636 | 239249 | 471885 | . | . | . |

(a) Mean population is calculated according to the formula : mean population $=\frac{a+4 b+2 c+4 d+e}{12}$
where ' a ' is the population at the end of the quarter immediately preceding the twelve-month period and ' b ', 'c', ' d ' and ' e ' are the populations at the end of each of the four succeeding quarters.




1 Australia's population statistics (since 1971) have been compiled according to the place of usual residence of the population. An explanation of the conceptual basis is given in the ABS Information Paper Population Estimates: Concepts, Sources and Methods (3228.0) issued on 23 June 1995.
2 The estimated resident population of any area at a Census date is derived by adjusting the Census Count Place of Enumeration data to exclude visitors who normally reside outside the area, to include residents who were temporarily absent in other areas or overseas, and to apply a factor for census under-enumeration.

3 Due to the 1996 Census being held on 6 August further adjustments have been made for births, deaths and net migration for the period 30 June to 6 August 1996 to arrive at an estimated resident population at 30 June 1996.
4 Post-censal estimates at the National and State and Territory levels are made quarterly and are obtained by adding components of natural increase (on a usual residence basis) and net migration gain to the population at the beginning of each period.

5 At the National level, estimates of overseas migration are based on net permanent and long-term overseas movements as recorded on passenger cards completed by incoming and outgoing travellers for the Department of Immigration and Multicultural Affairs.

6 At the State and territory level, information about internal migration is available from population censuses and from a sample survey of internal movements (conducted at more or less annual intervals to 1987 and resumed in 1991). These sources, however, do not provide the up-to-date quarterly estimates of interstate migration required for regular population estimates. The only suitable sources for this purpose are administrative records. Since June 1986, quarterly estimates of internal migration have been derived from changes of addresses advised to the Health Insurance Commission in the process of administering Medicare.

7 Post-censal Statistical Local Area (SLA) estimates are made annually and are produced with the assistance of local government authorities and other bodies who provide information on significant local factors which may have caused population changes in the relevant period.
8 Estimates for Tasmania and component areas, based on 1996 Census results, were published in Regional Population Growth, Australia, 1991 and 1996 (Catalogue No. 3218.0). This publication was released on 15 July 1997.

DATA QUALITY
9 The quality of estimates contained within this publication is dependent on the quality of population census results (including under-enumeration adjustments) and on the various components and indicators of population change.

10 Intercensal discrepancy measures the difference between population estimates updated from a past population census and the estimates based on the subsequent population census. For Tasmania, between the 1991 and 1996 censuses, the intercensal discrepancy was measured at 1,213 persons, or $0.3 \%$ of the estimated population.

## EXPLANATORY NOTES continued

DATA QUALITY continued
11 Analysis of intercensal discrepancy between 1991 and 1996 revealed that for ten out of fifteen local government areas containing more than 10,000 persons, discrepancy was less than $2 \%$ of the final estimated population. For smaller local government areas, estimates for ten out of the fourteen were within $5 \%$ of the final estimated population.

12 Estimates of population in each SLA and of overseas and interstate migration are shown in units without being rounded. However, accuracy down to the unit is not claimed and should not be assumed.

## RELATED PUBLICATIONS

13 The statistical geography used in this publication is based on 1996 Statistical Geography Volume 1, Australian Standard Geographical Classification (ASGC) (Catalogue No. 1216.0).

14 Population estimates for statistical local areas and local government areas in this publication are based on the boundaries in existence at 30 June 1998.

15 Users may wish to refer to the following publications:
Selected Social and Housing Characteristics for Statistical Local Areas, Tasmania (2015.6)
Australian Demographic Statistics (3101.0)
Population by Age and Sex: Australian States and Territories (3201.0)
Population by Age and Sex, Tasmania (3235.6)
16 All current publications produced by the ABS are listed in the Catalogue of Publications, Australia (1101.0) which is available from any ABS office.
p preliminary-figure or series subject to revision not applicable




## Greater Launceston Statistical Subdivision

## Statistical Subdivision

Statistical Local Area
Urban Area
Highway, major road
West Tamar Pt. A


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| Adelaide | 0882377400 | 0882377566 |
| Hobart | 0362225800 | 0362225995 |
| Darwin | 0889432111 | 0889811218 |


[^0]:    (a) Average annual rate of increase or decrease ( - ) in population.

