



# TASMANIAN STATISTICAL INDICATORS

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- For further information about these and related statistics, contact Client Services in any ABS office as shown on the back cover of this publication, or Jackie Saarinen on Hobart 03 6222 5812.

## NOTES

FORTHCOMING ISSUES	<i>ISSUE</i>	<i>RELEASE DATE</i>
	February 2000	9 February
	March 2000	8 March
	April 2000	10 April
INTRODUCTION	1	This publication contains latest figures for a comprehensive range of economic indicators. Statistics shown in this publication are the latest available at the date of preparation and may be subject to revision in subsequent issues. In a number of cases figures appearing in this publication are preliminary and are subject to revision in subsequent issues. Reference should therefore always be made to the latest issue or to the statistical publication on the specific subject.
SEASONAL ADJUSTMENT AND TREND ESTIMATION	2	Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not aim to remove the irregular or non-seasonal influences which may be present in any particular month. This means that month-to-month movements of the seasonally adjusted estimates may not be reliable indicators of trend behaviour.
	3	The smoothing of seasonally adjusted series reduces the impact of the irregular components of the seasonally adjusted series and creates trend estimates. These trend estimates are derived by applying a 13-term Henderson-weighted moving average to all months except the last six. The last six monthly trend estimates are obtained by applying surrogates of the Henderson average to the seasonally adjusted series. Trend series are used to measure the underlying behaviour of the series over time.
	4	While this smoothing technique enables estimates to be produced for the latest month, it does result in revisions to the most recent months as additional observations become available. Generally, subsequent revisions become smaller and after 3 months have a negligible impact on the series. Revisions also occur as a result of the annual review of seasonal factors.
ABBREVIATIONS AND SYMBOLS	n.a.	not available
	n.p.	not available for separate publication (but included in totals where applicable)
	n.y.a.	not yet available
	..	not applicable
	—	nil or rounded to zero
	p	preliminary—figure or series subject to revision
	r	figure or series revised since previous issue

Stevan R. Matheson  
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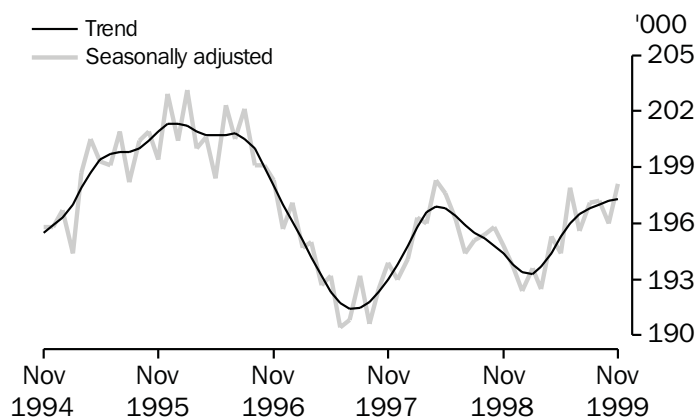
## MAIN FEATURES

### EMPLOYMENT

State comparisons      There was an increase of 1.5% in Tasmania's employment over the 12 months to November 1999. The largest percentage increase in employment was in Western Australia (3.1%), followed by New South Wales (2.7%), South Australia (2.3%), Victoria (2.2%), and Queensland (1.8%). (See table 39.)

Trend estimates

### EMPLOYMENT, TASMANIA

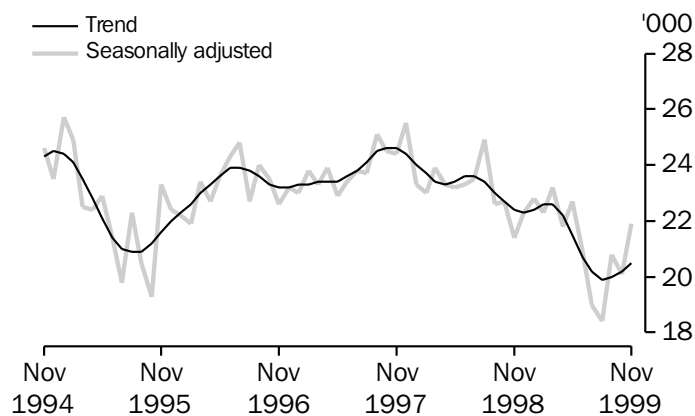


### THE LABOUR FORCE

Trend estimates      There were an estimated 217,800 persons (based on *trend* estimates) in the labour force in November 1999 and an estimated 370,000 civilian Tasmanians aged 15 years or more, yielding a labour force participation rate of 58.9%. This compares with 58.6% in November 1998.

For males, the *trend* estimate of the participation rate was 68.2%, compared with 67.9% in November 1998. For females, the *trend* estimate of the participation rate was 50.1%, compared with 49.8% in November 1998. (See table 3.)

### UNEMPLOYMENT, TASMANIA



## UNEMPLOYMENT

Trend estimates The *trend* estimate of the number of unemployed persons in Tasmania for November 1999 was 20,500. This compares with 22,400 for November 1998. The *trend* estimate of the unemployment rate of 9.4% in November 1999 compares with 10.3% in November 1998. (See table 3.)

## WAGE COST INDEX

Original terms For the September quarter 1999, the Index of Total Hourly Rates of Pay (excluding bonuses) for all employee jobs in Australia showed an increase of 0.9% over the June quarter 1999 and 3.0% over the September quarter 1998. Percentage increases were the same for Tasmania.

The largest increase in the indexes at the industry level for Tasmania was for Education (2.1%), followed by Transport and storage (1.7%), and Government administration and defence (1.2%). The largest increase in the indexes at the occupation level for Tasmania was for Elementary clerical, sales and service workers (2.2%), followed by Professionals (1.3%) and Intermediate clerical, sales and service workers (1.2%). (See table 14 and ABS catalogue number 6345.0.)

## ESTABLISHED HOUSE PRICE INDEX

The September quarter Established House Price Index for Hobart increased by 1.4% over the previous quarter. All capital cities recorded increases for the quarter with Melbourne and Adelaide recording the largest increase at 3.1%.

## LIVESTOCK SLAUGHTERING

Trend estimates In October 1999, the *trend* estimate for Tasmania for the slaughtering of cattle and calves rose slightly over the previous month. Over the same period, the number of sheep and lambs slaughtered remained constant while the number of pigs slaughtered fell by 2.7%.

The *trend* estimate of the number of cattle and calves slaughtered was 26,300 in October 1999. This was 14.4% more than the number for October 1998 and 15.0% above the number for October 1997.

The *trend* estimate for the slaughtering of sheep and lambs was 93,300 in October 1999. This was 18.0% more than for October 1998, and 22.5% above the number for October 1997.

The *trend* estimate of 6,200 pigs slaughtered in October 1999 was 6.3% less than for October 1998, and 5.9% less than the trend estimate for October 1997. (See table 21.)

## BUILDING APPROVALS

Original terms There were 140 dwelling units approved during October 1999 in Tasmania, comprising 132 new houses and 8 new other residential dwellings. The highest number of approvals were located in Launceston (14), Meander Valley (13), Kingborough (13), Glenorchy (10) and Huon Valley (9).

The number of dwelling units approved during October 1999 was 20.7% above the September 1999 figure of 116, and 0.7% above the October 1998 figure of 139.

At current prices, the value of total building was \$26.8 million in October, with residential building contributing \$17.4 million and non-residential building \$9.4 million. The main contributors to non-residential building approved were Shops, \$3.2 million, and Health, \$1.6 million. (See table 27 and ABS catalogue number 8731.6.)

## HOUSING FINANCE

Trend estimates The *trend* estimate for the number of secured housing finance commitments entered into in Tasmania in October 1999 was 882 dwellings, higher than the previous month's 865, and higher than the October 1998 figure of 775.

The total value of commitments in October 1999 was \$66 million, the same as the previous month. The October 1999 figure was higher than the October 1998 figure when the total value of commitments was \$64 million.

Nationally, the total number of secured housing commitments entered into in October 1999 was 47,605, an increase from the previous month's figure of 46,677. The value of these commitments increased between September and October 1999 from \$6,294 million to \$6,475 million. (See table 28.)

## PRIVATE NEW CAPITAL EXPENDITURE

Original terms At current prices, total private new capital expenditure, in Tasmania, for the September quarter 1999 was \$97 million. This was 21.8% below the June quarter 1999 figure of \$124 million and 31.2% below the September quarter 1998 figure of \$141 million. (See table 30.)

## NEW MOTOR VEHICLE REGISTRATIONS

Original terms There were 1,130 new motor vehicles (excluding motorcycles) registered in Tasmania during October 1999. This was 22.5% below the 1,458 registered in September 1999 and 8.4% below the October 1998 figure of 1,233. Of the new motor vehicles (excluding motorcycles) registered in October 1999 in Tasmania, 138 were vehicles registered by vehicle rental businesses, compared with 470 registered by vehicle rental businesses in September 1999 and 134 in October 1998. (See table 34.)

## RETAIL

Original terms In *original* terms, the estimate of retail turnover in Australia for October 1999 was \$12,188.6 million, 5.4% above the figure recorded in October 1998. In *original* terms, the estimate of retail turnover in Tasmania for October 1999 was \$271.4 million, 3.9% above the figure recorded in October 1998.

Trend estimates In *trend* terms, the estimate of retail turnover in Australia for October 1999 was \$11,905.1 million, 3.9% above the figure recorded in October 1998. In *trend* terms, the estimate of retail turnover in Tasmania for October 1999 was \$273.2 million, 6.1% above the figure recorded in October 1998. The Tasmanian growth rate has strengthened slightly in October. Strong growth was recorded for the Food, Household good and Hospitality and services groups. (See table 35 and ABS catalogue number 8501.0.)

## OVERSEAS TRADE

The total value of Tasmania's overseas exports for the 1998–99 financial year was \$2,018 million. This contributed 2.3% to the Australian total of \$85,997 million.

The value of Tasmania's exports for October 1999 was \$221 million, a increase of 93% over September. Australia's exports for October totalled \$7,993 million, an increase of 8% over the September figure.

Tasmania's major export destinations for October 1999 were Japan (\$45m), United States of America (\$15.6m) and Taiwan (\$12.2m). Major commodity groups exported for the month were road vehicles and transport equipment (\$70.8m), non-ferrous metals (\$44.3m), followed by wood and woodchips (\$27.9m). For the financial year 1998–99, major commodity groups exported were non-ferrous metals (\$544.3m), wood and woodchips (\$295.4m) and metallic ores and metal scrap (\$278.0m).

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# 1

## POPULATION: Original

Year or quarter	Estimated resident population at end of period	Natural increase <sup>1</sup>	Net estimated migration gain	Total population growth	Annual growth rate <sup>2</sup>
	'000	'000	'000	'000	%
<b>Year ended 30 June</b>					
1996	474.4	2.5	-2.2	0.8	0.16
1997	473.5	2.4	-3.4	-1.0	-0.20
1998	471.7	2.1	-3.7	-1.6	-0.38
<b>Quarter 1997</b>					
June	473.5	0.5	-1.1	-0.6	-0.20
September	473.1	0.4	-0.9	-0.4	-0.31
December	472.6	0.5	-1.0	-0.4	-0.34
<b>1998</b>					
March	472.3	0.6	-1.0	-0.3	-0.38
June	471.7	0.5	-1.1	-0.6	-0.38
September p	471.4	0.5	-0.8	-0.3	-0.36
December p	470.9	0.7	-1.2	-0.4	-0.36
<b>1999</b>					
March p	470.5	0.6	-1.0	-0.5	-0.39
June p	470.3	0.7	-0.9	-0.2	-0.31

<sup>1</sup> Excess of live births registered over deaths registered (based on usual State of residence).  
<sup>2</sup> Percentage growth from same quarter in previous year.  
(Source: Australian Demographic Statistics, ABS catalogue number 3101.0)

# 2

## BIRTHS, DEATHS AND MARRIAGES (BY STATE OF USUAL RESIDENCE): Original

Year or quarter	Births		Deaths		Infant mortality <sup>1</sup>		Marriages	
	No.	Rate <sup>2</sup>	No.	Rate <sup>3</sup>	Deaths	Rate <sup>4</sup>	No.	Rate <sup>5</sup>
<b>Year ended 31 December</b>								
1996	6 337	1.854	3 826	7.0	28	4.4	2 654	5.6
1997	5 974	1.768	3 837	6.8	43	7.2	2 672	5.6
1998	5 909	1.809	3 557	6.3	30	5.1	2 599	5.5
<b>Quarter 1997</b>								
June	1 505	..	988	..	12	8.0	600	..
September	1 500	..	1 067	..	12	8.0	554	..
December	1 486	..	939	..	12	8.1	618	..
<b>1998</b>								
March	1 464	..	839	..	3	2.0	800	..
June	1 420	..	921	..	11	7.7	810	..
September	1 541	..	1 029	..	9	5.8	331	..
December	1 484	..	768	..	7	4.7	658	..
<b>1999</b>								
March p	1 471	..	914	..	9	6.1	808	..
June p	1 582	..	909	..	12	7.6	636	..

<sup>1</sup> Deaths of children under one year of age.  
<sup>2</sup> Total fertility rate. The sum of age-specific fertility rates (live births at each age of mother per female population of that age). It represents the number of children a woman would bear during her lifetime if she experienced current age-specific fertility rates at each age of her reproductive life.  
<sup>3</sup> Standardised death rate. The overall death rate, per 1,000 persons, that would have prevailed in a standard population if it had experienced at each age the death rates of the population being studied. The standard population used in these calculations is all persons in the 1991 Australian population.  
<sup>4</sup> Rate per 1,000 live births.  
<sup>5</sup> Crude marriage rate is the number of marriages registered during the calendar year, per 1,000 estimated resident population at 30 June of that year.  
(Source: Australian Demographic Statistics, ABS catalogue number 3101.0)

## 3

LABOUR FORCE STATUS<sup>1</sup>: **Seasonally adjusted and trend**

Month	Seasonally adjusted series <sup>2</sup>				Trend series <sup>2</sup>			
	Employed	Unemployed	Unemployment rate	Participation rate	Employed	Unemployed	Unemployment rate	Participation rate
	'000	'000	%	%	'000	'000	%	%
MALES								
<b>1998</b>								
November	109.2	13.3	10.8	67.9	108.3	14.2	11.6	67.9
December	108.6	13.0	10.7	67.4	107.9	14.2	11.6	67.7
<b>1999</b>								
January	106.4	15.1	12.4	67.4	107.6	14.5	11.8	67.6
February	106.6	15.4	12.6	67.6	107.5	14.8	12.1	67.8
March	107.3	15.4	12.6	68.1	107.9	14.9	12.1	68.1
April	109.5	13.9	11.3	68.4	108.7	14.6	11.8	68.4
May	109.4	14.7	11.9	68.9	109.6	14.0	11.4	68.6
June	111.3	13.3	10.7	69.2	110.3	13.4	10.8	68.6
July	110.4	12.6	10.3	68.2	110.5	12.9	10.4	68.5
August	110.7	11.3	9.3	67.7	110.5	12.6	10.2	68.3
September	110.3	13.1	10.6	68.5	110.4	12.5	10.2	68.2
October	109.8	12.4	10.1	67.8	110.2	12.6	10.3	68.2
November	110.0	13.7	11.1	68.7	110.1	12.7	10.4	68.2
FEMALES								
<b>1998</b>								
November	85.5	8.1	8.7	49.4	86.1	8.2	8.7	49.8
December	85.1	9.3	9.8	49.8	85.9	8.1	8.6	49.6
<b>1999</b>								
January	86.0	7.7	8.2	49.4	85.8	8.0	8.5	49.5
February	87.0	6.9	7.4	49.5	85.8	7.9	8.4	49.4
March	85.2	7.8	8.4	49.0	85.8	7.7	8.3	49.3
April	85.8	7.9	8.4	49.4	85.7	7.6	8.1	49.2
May	85.0	8.0	8.6	49.0	85.7	7.4	8.0	49.1
June	86.6	7.5	8.0	49.6	85.7	7.3	7.9	49.1
July	85.3	6.4	7.0	48.3	85.9	7.3	7.8	49.1
August	86.4	7.1	7.6	49.3	86.3	7.3	7.8	49.3
September	86.9	7.7	8.1	49.8	86.6	7.4	7.9	49.5
October	86.2	7.7	8.2	49.5	86.9	7.6	8.0	49.8
November	88.1	8.2	8.5	50.7	87.3	7.8	8.2	50.1
TOTAL								
<b>1998</b>								
November	194.8	21.4	9.9	58.5	194.4	22.4	10.3	58.6
December	193.7	22.3	10.3	58.4	193.8	22.3	10.3	58.4
<b>1999</b>								
January	192.4	22.8	10.6	58.2	193.4	22.4	10.4	58.3
February	193.6	22.3	10.3	58.4	193.3	22.6	10.5	58.4
March	192.5	23.2	10.8	58.3	193.7	22.6	10.4	58.4
April	195.3	21.8	10.0	58.7	194.4	22.2	10.2	58.5
May	194.4	22.7	10.5	58.7	195.3	21.5	9.9	58.6
June	197.9	20.9	9.5	59.1	196.0	20.7	9.6	58.6
July	195.6	19.0	8.9	58.0	196.5	20.2	9.3	58.5
August	197.1	18.4	8.5	58.3	196.8	19.9	9.2	58.6
September	197.2	20.8	9.5	58.9	197.0	20.0	9.2	58.6
October	196.0	20.1	9.3	58.4	197.2	20.2	9.3	58.7
November	198.1	21.9	9.9	59.4	197.3	20.5	9.4	58.9

<sup>1</sup> For explanation of terms and concepts, refer to *Labour Force, Australia*, ABS catalogue number 6203.0.

<sup>2</sup> Seasonal factors are reviewed annually to take account of each additional year's original data. The results of the review are used to compile revised seasonally adjusted and trend estimates each February. Trend estimates for the most recent months are also revised each month; see Notes on page 2.

(Source: *Labour Force Australia*, ABS catalogue number 6203.0)

# 4

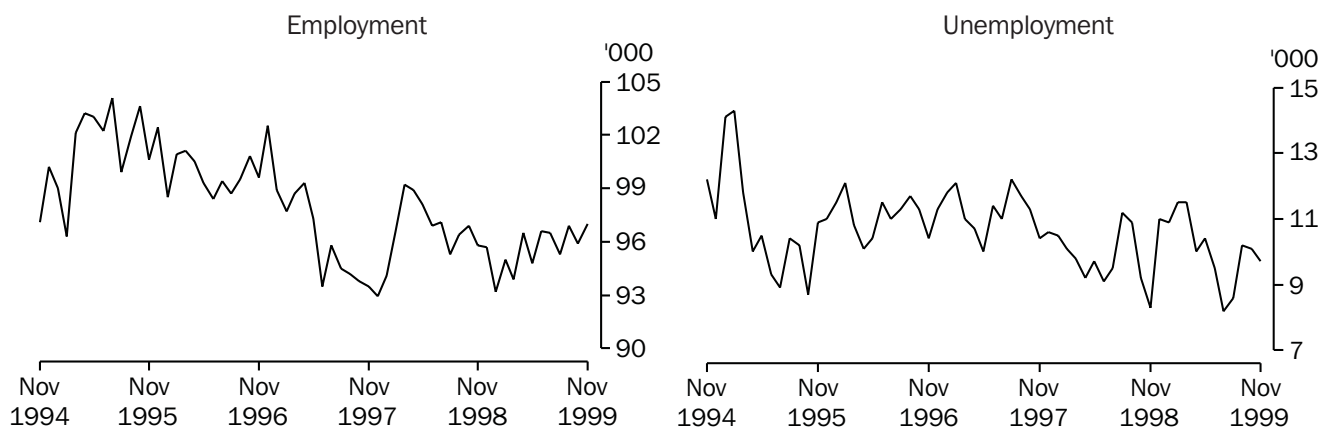
## LABOUR FORCE STATUS BY REGION, MALES<sup>1, 2</sup>: **Original**

	<i>Total employed</i>	<i>Total unemployed</i>	<i>Unemployment rate</i>	<i>Participation rate</i>
<i>Month</i>	'000	'000	%	%
HOBART AND SOUTHERN STATISTICAL DIVISIONS				
1996				
November	54.8	6.2	10.2	69.4
1998				
November	52.8	5.0	8.7	66.8
1999				
September	53.6	6.4	10.6	67.4
October	53.4	5.6	9.5	66.3
November	52.8	5.8	9.9	66.0
NORTHERN STATISTICAL DIVISION				
1996				
November	33.2	3.4	9.4	71.9
1998				
November	31.1	4.4	12.3	68.1
1999				
September	32.4	3.2	9.1	70.0
October	31.7	3.1	8.9	67.7
November	31.9	3.0	8.5	68.6
MERSEY-LYELL STATISTICAL DIVISION				
1996				
November	24.7	3.3	11.7	67.7
1998				
November	24.5	3.4	12.1	66.7
1999				
September	24.0	3.2	11.7	67.5
October	24.1	3.4	12.4	69.1
November	24.5	4.4	15.2	71.2
TASMANIA				
1996				
November	112.7	12.9	10.3	69.7
1998				
November	108.4	12.8	10.5	67.2
1999				
September	110.1	12.8	10.4	68.2
October	109.2	12.1	10.0	67.3
November	109.2	13.1	10.7	67.9

<sup>1</sup> For explanation of terms and concepts, refer to *Labour Force, Australia*, ABS catalogue number 6203.0.

<sup>2</sup> Data in this table are original series, i.e. they are not part of a seasonally adjusted or a trend series. Accordingly, care should be exercised when using these data. New monthly data from each quarter (March, June, September and December) are published two months after the quarter. (Source: Labour Force Estimates—microfiche tables.)

Hobart and Southern Statistical Divisions—Persons: **Original** (see Table 6.)



## 5

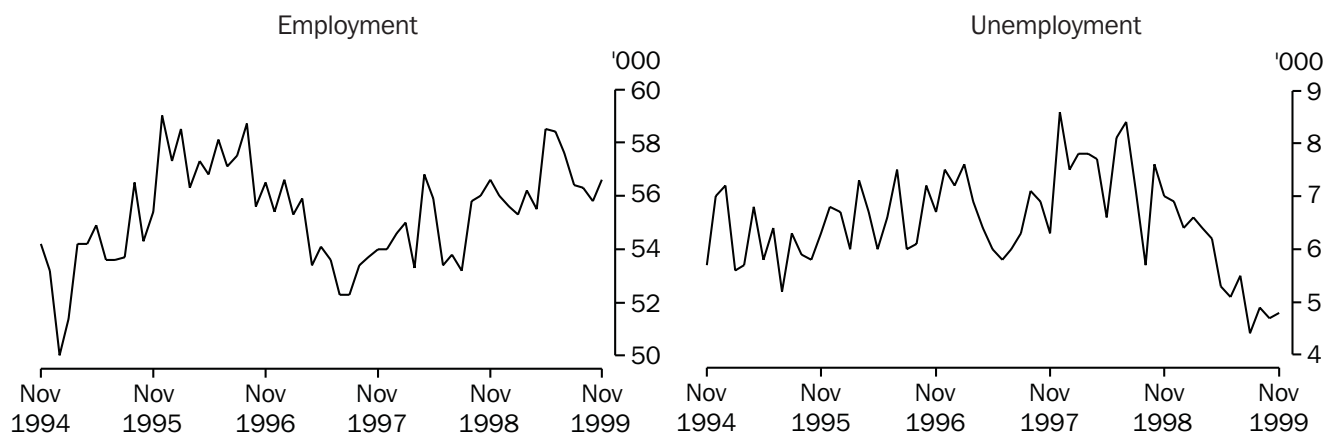
LABOUR FORCE STATUS BY REGION, FEMALES<sup>1, 2</sup>: **Original**

	<i>Total employed</i>	<i>Total unemployed</i>	<i>Unemployment rate</i>	<i>Participation rate</i>
<i>Month</i>	'000	'000	%	%
HOBART AND SOUTHERN STATISTICAL DIVISIONS				
1996				
November	44.7	4.2	8.5	52.0
1998				
November	42.9	3.3	7.1	50.3
1999				
September	43.4	3.9	8.2	50.3
October	42.5	4.5	9.5	49.7
November	44.2	3.9	8.2	51.2
NORTHERN STATISTICAL DIVISION				
1996				
November	23.3	3.3	12.2	49.7
1998				
November	25.5	2.6	9.4	51.2
1999				
September	23.9	1.7	6.7	48.3
October	24.1	1.6	6.2	48.0
November	24.8	1.8	6.7	48.2
MERSEY-LYELL STATISTICAL DIVISION				
1996				
November	16.9	1.7	9.4	45.4
1998				
November	17.3	1.9	9.9	45.3
1999				
September	20.2	1.9	8.6	51.5
October	19.6	2.1	9.7	51.9
November	19.4	2.2	10.1	52.9
TASMANIA				
1996				
November	85.0	9.2	9.7	49.9
1998				
November	85.8	7.8	8.4	49.4
1999				
September	87.4	7.5	7.9	50.0
October	86.2	8.2	8.7	49.7
November	88.3	7.9	8.2	50.7

<sup>1</sup> For explanation of terms and concepts, refer to *Labour Force, Australia*, ABS catalogue number 6203.0.

<sup>2</sup> Data in this table are original series, i.e. they are not part of a seasonally adjusted or a trend series. Accordingly, care should be exercised when using these data. New monthly data from each quarter (March, June, September and December) are published two months after the quarter. (Source: Labour Force Estimates—microfiche tables.)

Northern Statistical Division—Persons: **Original** (see Table 6.)



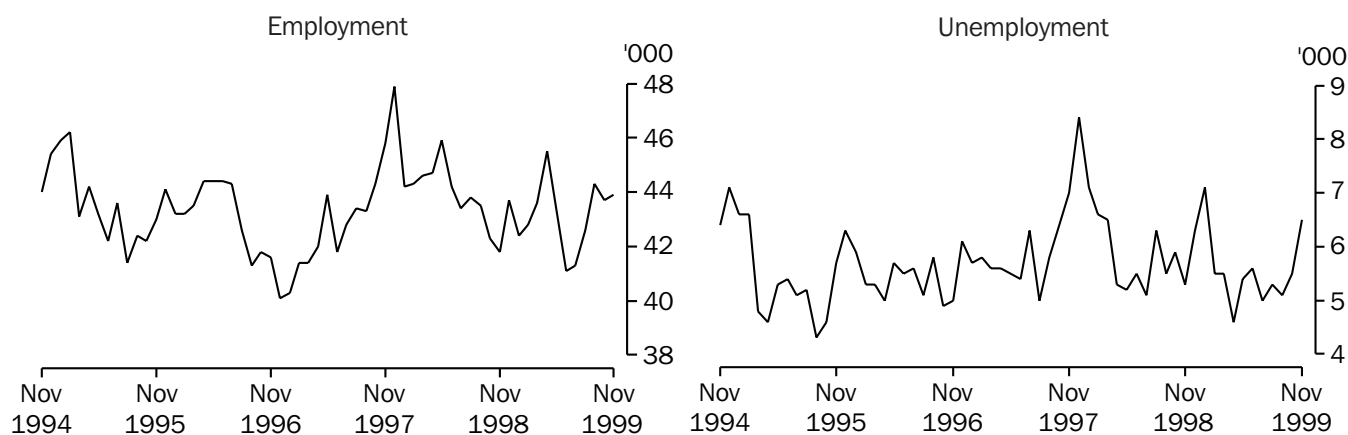
## 6

LABOUR FORCE STATUS BY REGION, PERSONS<sup>1, 2</sup>: **Original**

	<i>Total employed</i>	<i>Total unemployed</i>	<i>Unemployment rate</i>	<i>Participation rate</i>
<i>Month</i>	'000	'000	%	%
HOBART AND SOUTHERN STATISTICAL DIVISIONS				
1996				
November	99.6	10.4	9.4	60.4
1998				
November	95.8	8.3	8.0	58.3
1999				
September	96.9	10.2	9.6	58.6
October	95.9	10.1	9.5	57.8
November	97.0	9.7	9.1	58.4
NORTHERN STATISTICAL DIVISION				
1996				
November	56.5	6.7	10.6	60.5
1998				
November	56.6	7.0	11.0	59.4
1999				
September	56.3	4.9	8.1	59.0
October	55.8	4.7	7.7	57.6
November	56.6	4.8	7.8	58.0
MERSEY-LYELL STATISTICAL DIVISION				
1996				
November	41.6	5.0	10.8	56.6
1998				
November	41.8	5.3	11.2	55.9
1999				
September	44.3	5.1	10.3	59.3
October	43.7	5.5	11.2	60.3
November	43.9	6.5	13.0	62.0
TASMANIA				
1996				
November	197.6	22.1	10.0	59.6
1998				
November	194.2	20.6	9.6	58.1
1999				
September	197.5	20.2	9.3	58.9
October	195.4	20.3	9.4	58.3
November	197.5	21.0	9.6	59.1

<sup>1</sup> For explanation of terms and concepts, refer to *Labour Force, Australia*, ABS catalogue number 6203.0.

<sup>2</sup> Data in this table are original series, i.e. they are not part of a seasonally adjusted or a trend series. Accordingly, care should be exercised when using these data. New monthly data from each quarter (March, June, September and December) are published two months after the quarter. (Source: Labour Force Estimates—microfiche tables.)

Mersey-Lyell Statistical Division—Persons: **Original** (see Table 6.)

## 7

TEENAGE LABOUR MARKET<sup>1, 2, 3</sup>: Original

Month	Employed		Unemployed		Labour force	Not in labour force	Civilian population aged 15–19	Unemployment rate	Unemployment population ratio	Participation rate
	Full-time	Total	Looking for full-time work	Total						
	'000	'000	'000	'000	'000	'000	'000	%	%	%
ATTENDING NEITHER SCHOOL NOR A TERTIARY INSTITUTION FULL TIME										
1996										
November	6.7	8.8	2.0	2.3	11.1	1.5	12.6	20.6	18.1	88.2
1998										
November	5.8	8.3	2.2	2.3	10.6	1.7	12.3	21.7	18.7	86.2
1999										
September	5.8	7.4	1.8	2.1	9.5	1.3	10.8	22.2	19.6	88.0
October	6.6	8.3	1.2	1.4	9.6	1.7	11.3	14.4	12.3	85.2
November	6.2	7.9	1.3	1.4	9.3	2.0	11.3	15.4	12.7	82.3
ATTENDING SCHOOL OR A TERTIARY INSTITUTION FULL TIME										
1996										
November	0.1	5.1	0.4	1.4	6.4	14.9	21.3	21.4	6.5	30.2
1998										
November	0.2	5.8	0.3	1.4	7.2	14.9	22.1	19.1	6.2	32.7
1999										
September	–	6.7	0.7	2.2	8.9	15.0	23.9	25.1	9.3	37.3
October	–	6.8	0.7	2.1	8.9	14.5	23.4	23.6	9.0	37.9
November	–	7.0	0.7	2.0	9.0	14.5	23.5	22.1	8.5	38.3
TOTAL										
1996										
November	6.7	13.9	2.4	3.7	17.5	16.4	33.9	20.9	10.8	51.7
1998										
November	6.0	14.1	2.5	3.7	17.8	16.6	34.4	20.6	10.7	51.8
1999										
September	5.8	14.1	2.5	4.3	18.4	16.3	34.7	23.6	12.5	53.1
October	6.6	15.0	1.9	3.5	18.5	16.2	34.7	18.8	10.0	53.3
November	6.2	14.9	2.0	3.4	18.3	16.5	34.8	18.7	9.8	52.6

<sup>1</sup> Persons aged 15–19 years.

<sup>2</sup> For explanation of terms and concepts, refer to *Labour Force, Australia*, ABS catalogue number 6203.0.

<sup>3</sup> Care should be exercised in using these series as some estimates are subject to high sampling variability. (Source: Labour Force Estimates—unpublished data.)

## 8

ALL EMPLOYED PERSONS BY OCCUPATION<sup>1</sup>: Original

Occupation	August 1998	August 1999		Proportion of total employed		
	Persons	Males	Females	Persons	August 1998	August 1999
	'000	'000	'000	'000	%	%
<b>Managers and administrators</b>	<b>10.6</b>	<b>11.5</b>	<b>2.8</b>	<b>14.3</b>	<b>5.5</b>	<b>7.4</b>
Generalist managers	1.2	1.8	0.2	2.1	0.6	1.1
Specialist managers	3.6	2.8	0.7	3.4	1.9	1.7
Farmers and farm managers	5.8	6.9	1.9	8.8	3.0	4.5
<b>Professionals</b>	<b>30.0</b>	<b>15.4</b>	<b>16.8</b>	<b>32.2</b>	<b>15.6</b>	<b>16.6</b>
Science, building and engineering professionals	3.3	2.4	0.3	2.7	1.7	1.4
Business and information professionals	5.5	3.0	1.3	4.3	2.9	2.2
Health professionals	7.6	2.0	5.8	7.9	4.0	4.1
Education professionals	8.3	3.9	6.0	9.9	4.3	5.1
Social, arts and miscellaneous professionals	5.2	4.1	3.3	7.4	2.7	3.8
<b>Associate professionals</b>	<b>18.5</b>	<b>11.9</b>	<b>7.2</b>	<b>19.1</b>	<b>9.6</b>	<b>9.8</b>
Science, engineering and related associate professionals	2.4	2.1	0.4	2.5	1.2	1.3
Business and administration associate professionals	3.4	2.5	2.0	4.5	1.8	2.3
Managing supervisors (sales and service)	9.2	5.5	3.2	8.7	4.8	4.5
Other associate professionals	3.5	1.8	1.6	3.4	1.8	1.7
<b>Tradespersons and related workers</b>	<b>24.7</b>	<b>23.7</b>	<b>2.4</b>	<b>26.1</b>	<b>12.9</b>	<b>13.4</b>
Mechanical and fabrication engineering tradespersons	5.2	5.1	—	5.1	2.7	2.6
Automotive tradespersons	2.9	2.5	—	2.5	1.5	1.3
Electrical and electronics tradespersons	3.8	5.3	—	5.3	2.0	2.7
Construction Tradespersons	4.9	5.3	—	5.3	2.6	2.7
Other tradespersons and related workers	10.9	5.5	2.4	8.0	5.7	4.1
<b>Advanced clerical and service workers</b>	<b>4.3</b>	<b>1.4</b>	<b>3.8</b>	<b>5.2</b>	<b>2.2</b>	<b>2.7</b>
Secretaries and personal assistants	2.9	—	2.6	2.6	1.5	1.3
Other advanced clerical and service workers	1.4	1.4	1.3	2.7	0.7	1.4
<b>Intermediate clerical, sales and service workers</b>	<b>40.5</b>	<b>10.4</b>	<b>29.1</b>	<b>39.5</b>	<b>21.1</b>	<b>20.3</b>
Intermediate clerical workers	24.6	5.0	17.6	22.6	12.8	11.6
Intermediate sales and related workers	2.9	2.6	0.7	3.3	1.5	1.7
Intermediate service workers	12.9	2.8	10.8	13.6	6.7	7.0
<b>Intermediate production and transport workers</b>	<b>19.6</b>	<b>17.7</b>	<b>1.9</b>	<b>19.6</b>	<b>10.2</b>	<b>10.1</b>
Intermediate plant operators	6.9	4.8	—	4.8	3.6	2.5
Intermediate machine operators	2.2	2.0	0.6	2.6	1.1	1.3
Road and rail transport drivers	5.8	7.1	0.2	7.3	3.0	3.8
Other intermediate production and transport workers	4.7	3.8	1.0	4.9	2.4	2.5
<b>Elementary clerical, sales and service workers</b>	<b>22.1</b>	<b>5.2</b>	<b>13.2</b>	<b>18.4</b>	<b>11.5</b>	<b>9.5</b>
Elementary clerks	1.3	0.3	0.9	1.2	0.7	0.6
Elementary sales workers	18.4	4.9	11.2	16.1	9.6	8.3
Elementary service workers	2.5	0.1	1.0	1.1	1.3	0.6
<b>Labourers and related workers</b>	<b>21.9</b>	<b>12.0</b>	<b>8.0</b>	<b>20.0</b>	<b>11.4</b>	<b>10.3</b>
Cleaners	4.3	1.6	3.1	4.6	2.2	2.4
Factory labourers	5.9	4.2	1.4	5.5	3.1	2.8
Other labourers and related workers	11.6	6.2	3.6	9.8	6.0	5.0
<b>Total employed</b>	<b>192.1</b>	<b>109.2</b>	<b>85.2</b>	<b>194.3</b>	<b>100.0</b>	<b>100.0</b>

<sup>1</sup> For explanation of terms and concepts, refer to *Labour Force, Australia*, ABS catalogue number 6203.0. (Source: Labour Force Estimates—unpublished data.)

## 9

### EMPLOYED WAGE AND SALARY EARNERS, SECTOR AND INDUSTRY<sup>1</sup>: **Original**

Industry	Employees, May 1999			Percentage distribution	
	Private No. ('000)	Public No. ('000)	Private and public No. ('000)	May 1998	May 1999
Agriculture, forestry, & fishing	n.a.	0.6	0.6	0.4	0.4
Mining	1.2	—	1.2	0.9	0.7
Manufacturing	22.4	0.1	22.5	13.9	13.9
Electricity, gas & water, Construction	5.0	2.0	7.0	4.1	4.3
Wholesale & Retail trade	36.7	—	36.8	21.2	22.8
Accommodation, cafes & restaurants	11.2	—	11.3	6.5	7.0
Transport & storage	4.9	0.8	5.7	3.3	3.5
Communication services	0.3	1.8	2.1	1.5	1.3
Finance, insurance, Property & business services	13.2	0.8	14.1	9.9	8.7
Education	3.1	14.7	17.8	11.6	11.0
Government administration and defence	—	9.6	9.6	6.1	5.9
Health and community services	14.4	8.7	23.0	15.4	14.3
Cultural, recreational, Personal and other services	7.1	2.5	9.8	5.2	6.1
<b>Total all industries</b>	<b>119.7</b>	<b>41.8</b>	<b>161.4</b>	<b>100.0</b>	<b>100.0</b>

<sup>1</sup> For explanation of terms and concepts, refer to *Employed Wage and Salary Earners, Australia*, catalogue number 6248.0. (Source: *Employed Wage and Salary Earners*, ABS catalogue number 6248.0.)

## 10

### AVERAGE HOURS WORKED: **Original**

Month	Average weekly total hours worked, all employed persons <sup>1</sup>		
	Males	Females	Persons
<b>1998</b>			
May	39.1	27.5	34.1
August	38.3	27.0	33.4
November	38.1	27.1	33.3
<b>1999</b>			
February	36.7	25.6	31.8
May	38.8	28.0	34.0
August	39.2	28.1	34.3

<sup>1</sup> For explanation of terms and concepts, refer to *Labour Force, Australia*, ABS catalogue number 6203.0. (Source: *Unpublished data*.)



## 11 JOB VACANCIES<sup>1, 2</sup>: Original

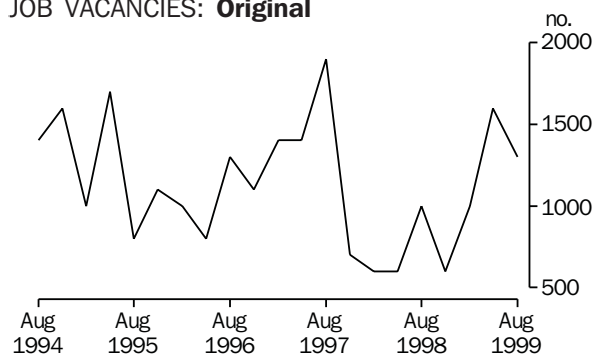
Period	Number '000	Rate <sup>3</sup> %
<b>1998</b>		
May	0.6	0.4
August	1.0	0.7
November	0.6	0.4
<b>1999</b>		
February	1.0	0.7
May	1.6	1.2
August	1.3	1.0

<sup>1</sup> For explanation of terms and concepts refer to *Job Vacancies Australia*, catalogue number 6354.0.

<sup>2</sup> Care should be exercised in using these series as some estimates are subject to high sampling variability.

<sup>3</sup> Job vacancies are expressed as a percentage of the number of job vacancies divided by the number of employees plus job vacancies.

### JOB VACANCIES: Original



## 12 INDUSTRIAL DISPUTES<sup>1</sup>: Original

Month	Working days lost '000	Twelve months ended	Working days lost per thousand employees no.
<b>1998</b>			
September	0.3	September	18
October	—	October	17
November	0.3	November	18
December	0.2	December	19
<b>1999</b>			
January	—	January	19
February	—	February	19
March	—	March	19
April	—	April	16
May	0.1	May	15
June	—	June	14
July	—	July	14
August	0.1	August	6
September	—	September	5
<b>Twelve months ended 1999</b>			
September	0.8		

<sup>1</sup> For explanation of terms and concepts, refer to *Industrial Disputes, Australia*, ABS catalogue number 6321.0.

## 13

AVERAGE WEEKLY EARNINGS OF EMPLOYEES<sup>1</sup>: Original and trend

Survey reference period	Full-time adult males		All males	Full-time adult females		All females	Full-time adult persons		All employees
	Weekly ordinary time earnings	Weekly total earnings	Weekly total earnings	Weekly ordinary time earnings	Weekly total earnings	Weekly total earnings	Weekly ordinary time earnings	Weekly total earnings	Weekly total earnings
	\$	\$	\$	\$	\$	\$	\$	\$	\$
ORIGINAL									
<b>1998</b>									
May	727.60	778.60	667.20	605.20	615.20	400.40	686.60	723.90	533.60
August	732.50	769.30	652.20	613.40	626.20	418.90	692.00	720.60	536.10
November	738.50	783.70	672.90	621.30	637.00	407.70	699.30	734.70	537.00
<b>1999</b>									
February	747.40	803.10	696.30	619.90	632.20	422.50	705.10	746.40	560.50
May	731.90	771.20	657.80	613.70	625.30	421.00	692.00	722.00	539.60
August	749.70	778.50	660.50	619.10	629.90	420.70	703.60	726.10	537.60
TREND <sup>2</sup>									
<b>1998</b>									
May	733.80	774.90	663.60	608.10	620.50	405.60	691.30	722.70	534.10
August	735.00	780.30	668.40	615.70	628.90	410.90	695.20	729.60	538.90
November	736.60	784.50	673.00	617.80	631.20	414.80	697.00	733.40	543.30
<b>1999</b>									
February	739.30	785.60	673.50	617.10	630.10	417.70	698.00	733.30	545.20
May	742.80	783.70	670.90	618.00	630.10	421.10	700.20	731.40	545.30
August	747.80	780.70	667.60	620.90	632.40	424.70	704.40	729.50	544.20

<sup>1</sup> For explanation of terms and concepts, refer to *Average Weekly Earnings, States and Australia*, ABS catalogue number 6302.0.

<sup>2</sup> ABS Trend estimates for the most recent months are revised, see Notes on page 2.  
(Source: *Average Weekly Earnings, States and Australia*, ABS catalogue number 6302.0.)

## 14

INDEXES OF TOTAL HOURLY RATES OF PAY (EXCLUDING BONUSES)<sup>1</sup>: Original  
(Base of each index: September Quarter 1997 = 100.0)

Industry <sup>2</sup> or occupation	Index numbers				% change		
	Dec Qtr 1998	Mar Qtr 1999	Jun Qtr 1999	Sep Qtr 1999	Dec Qtr '98 to Mar Qtr '99	Mar Qtr '99 to Jun Qtr '99	Jun Qtr '99 to Sep Qtr '99
	SELECTED INDUSTRIES						
Manufacturing	102.5	104.7	104.8	105.2	2.1	0.1	0.4
Retail trade	103.1	103.7	104.1	105.1	0.6	0.4	1.0
Transport & storage	103.7	104.9	105.4	107.2	1.2	0.5	1.7
Finance & insurance	102.9	103.3	n.a.	n.a.	0.4	n.a.	n.a.
Government admin. & defence	102.1	102.7	103.2	104.4	0.6	0.5	1.2
Education	105.2	105.5	105.7	107.9	0.3	0.2	2.1
Health and community services	101.4	102.6	103.2	103.8	1.2	0.6	0.6
<b>All industries<sup>3</sup></b>	<b>102.4</b>	<b>102.9</b>	<b>103.9</b>	<b>105.5</b>	<b>1.0</b>	<b>0.7</b>	<b>0.9</b>
OCCUPATION							
Professionals	103.9	104.7	105.1	106.5	0.8	0.4	1.3
Associate professionals	103.4	104.3	104.9	105.5	0.9	0.6	0.6
Tradespersons & related workers	102.5	104.0	104.3	105.0	1.5	0.3	0.7
Intermediate clerical, sales & service workers	102.7	103.7	103.9	105.1	1.0	0.2	1.2
Intermediate production & transport workers	102.8	104.3	105.0	105.4	1.5	0.7	0.4
Elementary clerical, sales & service workers	103.8	105.0	105.2	107.5	1.2	0.2	2.2
Labourers & related workers	101.7	103.2	103.6	104.4	1.5	0.4	0.8
<b>All occupations</b>	<b>102.4</b>	<b>102.9</b>	<b>103.9</b>	<b>105.5</b>	<b>1.0</b>	<b>0.7</b>	<b>0.9</b>

<sup>1</sup> These indexes are a measure of quarterly changes in wage and salary costs for employee jobs. They were compiled for the first time for the December quarter 1997. They are one of four sets of indexes that together comprise the Wage Cost Index.

For explanation of terms and concepts, refer to *Wage Cost Index, Australia*, ABS catalogue number 6345.0.

<sup>2</sup> Industry is shown at the ANZSIC division level for selected divisions.

<sup>3</sup> Excludes Agriculture, Forestry and Fishing.

(Source: ABS unpublished data.)

# 15

## SUMMARY OF ANNUAL MOVEMENTS IN WAGES AND PRICES<sup>1</sup>: Original

Period	CPI. All groups Hobart	Price index of materials used in house building. All groups, Hobart <sup>2</sup>	Price index of materials used in building other than house building. All groups, Hobart <sup>2</sup>	Average weekly total earnings, full-time adult employees <sup>3</sup>
PERCENTAGE CHANGE FROM PREVIOUS YEAR				
1996-97	1.5	-0.5	1.0	4.6
1997-98	-0.1	0.7	0.9	5.1
1998-99	1.0	1.0	0.9	2.4
<b>1997</b>				
September	-0.4	-0.2	0.6	6.7
December	-0.1	0.7	0.9	4.6
<b>1998</b>				
March	-0.3	0.9	1.0	4.3
June	0.6	1.6	1.2	4.9
September	1.8	1.8	1.6	3.3
December	1.2	1.4	1.2	3.3
<b>1999</b>				
March	0.5	0.7	0.7	3.4
June	0.4	-0.1	0.2	-0.3
September	0.4	-0.3	0.1	0.8

<sup>1</sup> Weekly award rates of pay collection has been discontinued from June 1997.

<sup>2</sup> Only quarterly data collected from June 1997. Earlier data has been re-compiled from monthly to quarterly.

<sup>3</sup> March, June, September and December data relates to February, May, August and November survey dates as published in 6302.0.

(Sources: Consumer Price Index, ABS catalogue number 6401.0; Price Index of Materials Used in House Building, ABS catalogue number 6408.0, (quarterly from June 1997); Price Index of Materials Used in Other than House Building, ABS catalogue number 6407.0, (quarterly from June 1997); Average Weekly Earnings, States and Australia, ABS catalogue number 6302.0)

# 16

## HOUSE PRICE INDEX NUMBERS<sup>1</sup>, HOBART: Original (Base of each Index: 1989-90 = 100.0)

	Established house price index		Project home price index	
	Index	% change <sup>2</sup>	Index	% change <sup>2</sup>
1996-97	128.5	-1.0	123.3	-0.1
1997-98	125.4	-2.4	123.3	—
1998-99	123.2	-1.8	123.3	—
<b>1997</b>				
September	123.5	-1.1	123.3	—
December	123.9	0.3	123.3	—
<b>1998</b>				
March	129.5	4.5	123.3	—
June	124.8	-3.6	123.3	—
September	123.8	-0.8	123.3	—
December	121.7	-1.7	123.3	—
<b>1999</b>				
March	123.7	1.6	123.3	—
June	123.6	-0.1	123.3	—
September	125.3	1.4	124.0	0.6

<sup>1</sup> Used in calculating the mortgage interest charges component of the Consumer Price Index.

<sup>2</sup> Percentage change over previous period.

(Source: House Price Indexes: Eight Capital Cities, ABS catalogue number 6416.0)

# 17

## CONSUMER PRICE INDEX, HOBART AND EIGHT CAPITAL CITIES COMBINED<sup>1,2</sup>; **Original** (Base of each index: year 1989–90 = 100.0)

Period	Hobart					
	Food	Clothing	Housing	Household equipment and operation	Transportation	Alcohol and tobacco
<b>1996</b>						
September	120.0	105.9	107.4	119.1	119.7	153.7
December	120.6	105.6	104.8	119.4	121.8	152.7
<b>1997</b>						
March	120.7	105.7	101.9	120.1	122.8	153.1
June	121.0	105.3	98.4	120.1	121.7	153.5
September	121.0	104.8	97.7	119.7	122.2	153.6
December	121.7	106.0	95.5	119.7	122.1	155.6
<b>1998</b>						
March	121.7	105.5	95.3	119.4	121.7	158.0
June	122.3	105.3	95.5	119.5	120.5	160.2
September	124.7	105.1	95.6	120.4	120.4	159.6
December	125.0	105.7	95.4	120.8	118.6	159.1
<b>1999</b>						
March	125.5	104.7	95.8	119.5	118.4	161.5
June	126.8	104.6	95.9	119.4	120.4	160.0
September	126.3	104.5	96.9	119.3	123.1	158.1

Period	Hobart				Weighted average of eight capital cities	
	Health and personal care	Recreation and education	Index, all groups	% change over previous period, all groups	Index	% change over previous period
<b>1996</b>						
September	154.1	115.1	121.1	0.4	120.1	0.3
December	154.8	116.8	121.3	0.2	120.3	0.2
<b>1997</b>						
March	159.4	120.5	121.9	0.5	120.5	0.2
June	162.6	119.2	121.3	-0.5	120.2	-0.2
September	153.0	119.2	120.6	-0.6	119.7	-0.4
December	160.9	120.6	121.2	0.5	120.0	0.3
<b>1998</b>						
March	162.7	121.7	121.5	0.2	120.3	0.3
June	166.1	122.6	122.0	0.4	121.0	0.6
September	171.5	122.5	122.8	0.7	121.3	0.2
December	169.5	124.2	122.7	-0.1	121.9	0.5
<b>1999</b>						
March	154.4	125.2	122.1	-0.5	121.8	-0.1
June	154.9	124.9	122.5	0.3	122.3	0.4
September	160.7	125.6	123.3	0.7	123.4	0.9

<sup>1</sup> Further information on construction of CPI indexes is contained in the bulletin *The Australian Consumer Price Index Concepts, Sources and Methods* (Catalogue No. 6461.0).

<sup>2</sup> The CPI is now published on a reference base of 1989–90 = 100.0.  
(Source: *Consumer Price Index*, ABS catalogue number 6401.0.)

# 18

## PRICE INDEX OF MATERIALS USED IN BUILDING OTHER THAN HOUSE BUILDING, HOBART<sup>1</sup>: **Original**

(Base year: 1989–90 = 100.0)

### *Index numbers for selected major building materials*

<i>Period</i>	<i>Structural timber</i>	<i>Clay bricks</i>	<i>Ready mixed concrete</i>	<i>Precast concrete products</i>	<i>Steel decking, cladding etc.</i>	<i>Structural steel</i>
1996–97	110.3	125.3	116.2	132.2	115.0	126.2
1997–98	108.9	129.0	118.0	131.5	117.8	127.2
1998–99	109.1	130.8	119.5	131.6	110.8	128.0
<b>1997</b>						
September	107.5	127.9	114.9	131.2	118.9	126.9
December	106.6	129.4	116.8	131.2	118.9	127.1
<b>1998</b>						
March	109.2	129.4	120.4	131.7	118.9	127.4
June	112.4	129.4	119.9	131.7	114.3	127.4
September	109.4	130.2	119.2	131.7	111.3	127.7
December	108.9	131.1	120.6	131.7	111.3	128.1
<b>1999</b>						
March	108.9	131.1	120.4	131.5	110.3	128.1
June	109.2	130.8	117.9	131.5	110.3	128.1
September	108.2	126.9	119.4	131.6	113.7	128.8

### *Index numbers for selected major building materials*

<i>Period</i>	<i>Reinforcing steel bar, fabric and mesh</i>	<i>Aluminium windows</i>	<i>Fabricated steel products</i>	<i>Builders' hardware</i>	<i>Sand &amp; aggregate</i>	<i>Paint &amp; other coatings</i>	<i>Non-ferrous pipes &amp; fittings</i>
1996–97	110.7	105.9	113.3	117.2	132.7	126.6	165.2
1997–98	112.7	107.2	114.7	113.7	124.5	127.3	164.3
1998–99	113.4	107.3	116.0	113.4	127.9	133.3	161.2
<b>1997</b>							
September	110.9	106.8	114.0	115.3	121.4	124.6	168.5
December	113.0	106.8	114.0	112.5	121.4	123.5	163.0
<b>1998</b>							
March	113.5	106.8	114.8	112.8	127.5	130.5	162.9
June	113.4	108.4	116.1	114.0	127.5	130.7	162.6
September	113.4	108.4	116.1	113.7	127.9	132.7	162.8
December	113.3	106.7	116.1	113.9	127.9	133.9	160.2
<b>1999</b>							
March	113.4	106.9	116.1	114.8	127.9	134.2	161.4
June	113.4	107.0	115.6	111.3	127.9	132.5	160.2
September	113.4	107.0	116.1	110.8	135.4	131.7	162.4

<sup>1</sup> Index numbers in this table have been recompiled to reflect the change to a quarterly collection basis from June 1997. (Source: *Price Index of Materials Used in Other than House Building*, ABS catalogue number 6407.0.)

*continued*

## 18

PRICE INDEX OF MATERIALS USED IN BUILDING OTHER THAN HOUSE BUILDING, HOBART<sup>1</sup>: **Original**—continued  
(Base year: 1989–90 = 100.0)

Period	<i>All electrical materials</i>		<i>All mechanical services</i>		<i>All plumbing materials</i>	
	<i>Index</i>	<i>% change over previous period</i>	<i>Index</i>	<i>% change over previous period</i>	<i>Index</i>	<i>% change over previous period</i>
1996–97	117.4	-1.0	117.0	1.7	122.8	-3.8
1997–98	117.2	-0.2	117.0	—	121.9	-0.7
1998–99	115.8	-1.2	119.0	1.7	124.5	2.1
<b>1997</b>						
September	117.6	0.1	116.6	-0.4	122.8	0.2
December	117.8	0.2	116.8	0.2	122.0	-0.7
<b>1998</b>						
March	116.9	-0.8	117.4	0.5	121.6	-0.3
June	116.5	-0.3	117.1	-0.3	121.0	-0.5
September	116.1	-0.3	117.8	0.6	124.9	3.2
December	116.8	0.6	119.1	1.1	124.1	-0.6
<b>1999</b>						
March	115.2	-1.4	119.4	0.3	124.4	0.2
June	115.2	—	119.5	0.1	124.5	0.1
September	115.9	0.6	119.3	-0.2	122.3	-1.8
		<i>All groups excluding electrical materials and mechanical services</i>		<i>All groups</i>		
		<i>Index</i>	<i>% change over previous period</i>	<i>Index</i>	<i>% change over previous period</i>	
1996–97		116.8	1.1	116.3	1.0	
1997–98		118.0	1.0	117.4	0.9	
1998–99		118.8	0.7	118.5	0.9	
<b>1997</b>						
September		117.1	-0.2	116.5	-0.2	
December		117.7	0.5	117.2	0.6	
<b>1998</b>						
March		118.2	0.4	117.7	0.4	
June		118.9	0.6	118.1	0.3	
September		119.1	0.2	118.4	0.3	
December		119.0	-0.1	118.6	0.2	
<b>1999</b>						
March		118.8	-0.2	118.5	-0.1	
June		118.4	-0.3	118.3	-0.2	
September		118.8	0.3	118.5	0.2	

<sup>1</sup> Index numbers in this table have been recompiled to reflect the change to a quarterly collection basis from June 1997.  
(Source: *Price Index of Materials Used in Other than House Building*, ABS catalogue number 6407.0.)

Year or month	Dairy products <sup>1</sup>			Staff-hours worked	
	Whole milk <sup>2</sup>	Factory butter <sup>3</sup>	Factory cheese	Textile manufacturing <sup>4</sup>	Vegetable preserving
	million litres	tonnes	tonnes	'000	'000
1996-97	529.4	10 869	25 398	1 349	1 534
1997-98	542.8	8 745	26 835	1 125	1 128
1998-99	603.4	11 546	29 946	1 061	1 084
<b>1998</b>					
October	81.0	1 157	4 084	105	83
November	81.8	1 414	4 379	94	103
December	77.2	1 565	4 088	83	103
<b>1999</b>					
January	66.1	1 068	3 398	42	51
February	50.5	940	2 675	90	86
March	54.0	985	2 907	96	96
April	44.3	992	2 351	82	90
May	35.1	1 180	978	88	110
June	19.6	501	1 185	98	99
July	13.6	258	528	79	78
August	25.2	514	596	94	97
September	n.y.a.	n.y.a.	n.y.a.	96	62
October	n.y.a.	n.y.a.	n.y.a.	92	66
Year or month (quarterly for electricity)	Newsprint <sup>5</sup>	Refined zinc	Metal. refin.	Electricity <sup>7</sup>	
	'000 tonnes	'000 tonnes	Index <sup>6</sup>	million kW.h	
1996-97	232.7	207.7	116.1	9 543	
1997-98	n.p.	197.0	116.6	9 700	
1998-99	n.p.	214.3	125.0	9 910	
<b>1998</b>					
October	n.p.	18.1	126.3	..	
November	n.p.	16.2	123.5	..	
December	n.p.	17.3	116.0	(Dec qtr) 2 420	
<b>1999</b>					
January	n.p.	17.8	126.2	..	
February	n.p.	15.2	114.1	..	
March	n.p.	17.4	124.6	(Mar. qtr) 2 260	
April	n.p.	19.1	132.0	..	
May	n.p.	19.8	133.9	..	
June	n.p.	19.4	133.6	(June qtr) 2 570	
July	n.p.	18.8	133.8	..	
August	n.p.	20.7	138.2	..	
September	n.p.	19.1	130.2	(Sept qtr) 2 680	
October	n.p.	19.4	130.5	..	

<sup>1</sup> Source: Australian Dairy Corporation.

<sup>2</sup> Includes the whole milk equivalent of farm cream intake.

<sup>3</sup> Includes butter equivalent of butter oil.

<sup>4</sup> Includes spinning, weaving and carpet making. Reported by establishments which manufacture textiles only, or manufacture clothing and textiles in the one plant.

<sup>5</sup> Excludes production of directory newsprint and high grade specialty paper.

<sup>6</sup> Metallurgical refining index (Base: 1979-80 = 100.0) Output from selected establishments covering the smelting and refining of ferro-alloys, zinc and aluminium. The weighting pattern is based on the establishments' value added as derived from the 1979-80 Manufacturing Census. For multi-product establishments, value added was apportioned to products on the basis of gross receipts from each product.

<sup>7</sup> Collected on a quarterly basis as from 1997.

(Source: ABS unpublished data.)

## 20

### LIVESTOCK SLAUGHTERING: **Original**

Year or month	Cattle			Sheep	Lambs	Pigs
	Bulls, bullocks and steers	Cows and heifers	Calves			
	'000	'000	'000			
1996-97	109.4	93.2	43.5	367.7	358.2	73.3
1997-98	93.4	123.6	53.9	461.0	423.3	78.1
1998-99	94.8	116.3	61.0	439.9	480.1	81.2
<b>1997</b>						
October	6.7	9.4	9.4	32.9	32.3	6.8
<b>1998</b>						
October	7.0	7.3	7.4	22.4	31.8	6.2
November	7.0	8.6	1.0	41.3	30.5	5.3
December	8.4	12.1	0.3	54.4	41.0	8.0
<b>1999</b>						
January	7.6	9.9	0.1	53.0	45.0	4.8
February	8.1	11.0	0.2	58.9	44.1	5.2
March	7.3	10.0	0.5	44.4	45.8	8.5
April	8.9	11.3	1.9	36.4	44.4	6.8
May	9.4	11.2	1.6	33.6	39.6	6.4
June	10.2	11.0	1.0	40.5	43.8	8.8
July	10.1	8.7	2.2	36.3	39.8	6.6
August	8.4	6.0	26.7	24.8	38.6	6.5
September	8.0	6.6	27.2	24.3	32.0	6.9
October	8.0	7.8	7.7	25.7	34.3	4.5

(Source: ABS unpublished data.)

## 21

### LIVESTOCK SLAUGHTERING: **Seasonally adjusted<sup>1</sup> and trend<sup>2</sup>**

Month	Seasonally adjusted			Trend		
	Cattle and calves	Sheep and lambs	Pigs	Cattle and calves	Sheep and lambs	Pigs
	'000	'000	'000	'000	'000	'000
<b>1997</b>						
October	23.2	79.7	6.8	22.9	76.1	6.5
<b>1998</b>						
October	21.2	71.6	6.6	23.0	79.1	6.6
November	21.3	76.8	6.5	22.4	79.1	6.3
December	22.3	77.5	6.5	22.0	78.1	6.2
<b>1999</b>						
January	21.6	77.1	5.1	21.7	76.3	6.3
February	22.4	81.5	6.0	21.6	74.3	6.4
March	21.9	72.1	8.1	21.8	73.9	6.6
April	22.3	70.6	6.8	22.3	75.8	6.8
May	22.0	73.1	6.6	23.0	79.6	7.0
June	23.1	81.4	7.3	24.0	84.6	6.9
July	24.4	92.4	5.7	25.0	89.1	6.8
August	30.0	115.5	7.8	25.7	92.1	6.6
September	25.8	82.8	6.6	26.1	93.4	6.3
October	23.7	82.1	5.1	26.3	93.3	6.2

<sup>1</sup> Seasonally adjusted factors are reviewed annually to take account of each additional year's original data. The results of the review are used to compile revised seasonally adjusted and trend estimates; see Notes page 2.

<sup>2</sup> ABS trend estimates for the most recent months are revised; see Notes page 2.

(Source: ABS unpublished data.)



## 22

MEAT PRODUCTION<sup>1</sup>: **Original**

Year or month	Beef	Veal	Mutton	Lamb	Pigmeat <sup>2</sup>	Total
	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes
1996-97	51 506	905	7 820	6 767	4 833	71 826
1997-98	53 061	1 148	9 840	8 072	4 915	77 042
1998-99	53 273	1 242	8 725	9 223	5 241	77 701
<b>1997</b>						
October	4 113	192	675	612	430	6 022
<b>1998</b>						
October	3 557	150	422	604	393	5 125
November	4 124	23	804	581	340	5 871
December	5 213	9	1 085	777	490	7 574
<b>1999</b>						
January	4 323	5	1 059	861	302	6 550
February	4 910	6	1 203	837	335	7 290
March	4 467	14	891	876	547	6 795
April	5 171	44	735	885	452	7 287
May	5 340	36	666	771	420	7 232
June	5 561	21	802	851	584	7 819
July	5 086	46	722	775	439	7 067
August	3 907	520	489	777	396	6 089
September	3 897	524	480	621	439	5 961
October	4 188	154	493	661	282	5 778

<sup>1</sup> Carcass weight.

<sup>2</sup> Includes pork used for production of bacon and ham.

(Source: ABS unpublished data.)

## 23

PRINCIPAL MINERAL CONCENTRATES PRODUCED: **Original**

Year or quarter	Copper	Iron (pellets)	Lead	Lead- zinc	Tin	Zinc
	'000 tonnes	'000 tonnes	'000 tonnes	'000 tonnes	'000 tonnes	'000 tonnes
1996-97	99.7	809.4	101.4	38.0	16.3	356.9
1997-98	109.6	r 820.8	84.6	26.2	16.2	335.4
1998-99	76.8	r 1 816.1	101.8	12.6	12.5	382.3
<b>1997</b>						
September	27.2	—	22.5	5.4	4.8	88.6
December	28.5	164.5	22.1	6.7	3.7	87.3
<b>1998</b>						
March	26.1	253.8	21.9	8.2	3.3	79.4
June	27.8	r 402.5	18.1	6.0	4.4	80.1
September	25.8	r 453.3	21.5	5.6	1.3	92.0
December	29.9	r 478.2	26.1	3.2	4.0	95.3
<b>1999</b>						
March	11.0	481.2	29.5	2.5	3.7	97.1
June	10.0	r 403.4	24.7	1.5	3.6	98.0
September	n.y.a.	479.5	28.4	2.7	3.9	94.8

(Source: Mineral Resources Tasmania, Department of Infrastructure, Energy and Resources.)

## 24

SAWMILLS AND PLYWOOD MILLS, LOGS DELIVERED AND TIMBER PRODUCED: **Original**

Year or quarter	Tasmanian-grown logs delivered					Sawn, peeled and sliced timber produced <sup>1</sup>				
	Eucalypts	Hardwoods, excluding eucalypts <sup>2</sup>	Plantation <sup>3</sup> softwoods	Native softwoods <sup>4</sup>	Total	Eucalypts	Hardwoods, excluding eucalypts <sup>2</sup>	Plantation <sup>3</sup> softwoods	Native softwoods <sup>4</sup>	Total
		'000 m <sup>3</sup>	'000 m <sup>3</sup>	'000 m <sup>3</sup>			'000 m <sup>3</sup>	'000 m <sup>3</sup>	'000 m <sup>3</sup>	
1996-97	500.8	17.0	352.9	1.2	871.9	165.8	4.3	158.0	0.5	328.5
1997-98	496.8	24.3	357.7	1.6	880.3	171.1	5.3	167.3	0.4	344.2
1998-99	499.9	22.6	351.9	1.0	875.4	159.7	5.1	169.7	0.3	334.8
<b>1997</b>										
September	139.5	2.7	98.3	0.3	240.9	52.4	1.5	42.3	0.1	96.3
December	123.4	3.1	73.4	0.2	200.2	45.3	1.0	41.2	0.1	87.6
<b>1998</b>										
March	105.0	13.8	99.5	0.3	218.6	32.4	1.2	44.6	0.1	78.3
June	128.9	4.6	86.5	0.6	220.6	41.1	1.6	39.1	0.1	81.9
September	129.9	3.8	88.7	0.2	222.7	43.9	1.4	41.5	—	86.8
December	134.6	2.9	81.3	0.2	218.9	40.8	1.2	42.5	0.1	84.7
<b>1999</b>										
March	110.8	9.7	90.7	0.2	211.4	35.4	0.8	42.6	—	78.9
June	124.6	6.1	91.3	0.3	222.3	39.6	1.7	43.1	0.1	84.5
September	136.0	6.3	109.4	0.2	252.0	46.2	1.3	49.1	0.1	96.8

<sup>1</sup> Includes plywood, veneer and sliced timber production converted to an equivalent cubic measurement.

<sup>2</sup> Includes blackwood, myrtle, sassafras etc.

<sup>3</sup> Radiata pine.

<sup>4</sup> Includes Huon pine, celery top pine and King William pine.

(Source: ABS unpublished data.)

## 25

CHIPPING AND GRINDING OF WOOD<sup>1</sup>: **Original**

Year or quarter	Producing locations <sup>2</sup>	Materials used <sup>3</sup>		
		Logs delivered <sup>4</sup>	Sawmill offcuts	Chipped and ground wood production
		no.	'000 m <sup>3</sup>	'000 m <sup>3</sup>
1996-97	27	3 207.4	433.2	3 609.3
1997-98	28	3 998.1	457.9	4 440.1
1998-99	29	3 459.6	373.4	3 929.9
<b>1997</b>				
September	27	936.1	106.8	1 064.1
December	28	999.2	113.6	1 100.1
<b>1998</b>				
March	28	1 014.7	116.6	1 157.7
June	28	1 048.0	120.9	1 118.3
September	29	872.5	87.3	981.5
December	29	798.3	112.0	889.5
<b>1999</b>				
March	29	862.9	79.2	997.7
June	29	925.9	94.9	1 061.1
September	30	1 056.8	134.1	1 225.4

<sup>1</sup> Both hardwoods and softwoods, separate details are not available.

<sup>2</sup> Capable of producing at end of year or actually producing during quarter.

<sup>3</sup> Data reported by weight, converted to cubic measure by the factor 0.95 m<sup>3</sup> per tonne.

<sup>4</sup> Includes log equivalent of limewood and billets.

(Source: ABS unpublished data.)

# 26

## LOGS DELIVERED FOR MILLING OR CHIPPING: **Original**

Year or quarter	Sawmilling and plywood milling			Chipping and grinding <sup>1</sup>			Total		
	Crown land <sup>2</sup>	Private land	Total	Crown land <sup>2</sup>	Private land	Total	Crown land <sup>2</sup>	Private land	Total
	'000 m <sup>3</sup>	'000 m <sup>3</sup>	'000 m <sup>3</sup>	'000 m <sup>3</sup>	'000 m <sup>3</sup>	'000 m <sup>3</sup>	'000 m <sup>3</sup>	'000 m <sup>3</sup>	'000 m <sup>3</sup>
1996-97	725.6	146.4	871.9	1 627.4	1 580.0	3 207.4	2 353.0	1 726.3	4 079.3
1997-98	750.7	129.6	880.3	1 894.9	2 103.1	3 998.1	2 645.7	2 232.7	4 878.3
1998-99	754.2	121.2	875.4	1 562.6	1 897.0	3 459.6	2 316.7	2 018.2	4 334.9
<b>1997</b>									
September	201.0	39.8	240.9	464.9	471.2	936.1	665.9	511.0	1 177.0
December	166.6	33.6	200.2	485.0	514.3	999.2	651.5	547.9	1 199.4
<b>1998</b>									
March	191.9	26.7	218.6	466.6	548.1	1 014.7	658.5	574.9	1 233.3
June	191.2	29.4	220.6	478.5	569.5	1 048.0	669.7	598.9	1 268.6
September	188.3	34.3	222.7	341.0	531.5	872.5	529.4	565.8	1 095.2
December	185.5	33.4	218.9	422.4	375.9	798.3	607.9	409.3	1 017.2
<b>1999</b>									
March	184.1	27.3	211.4	367.0	495.8	862.9	551.1	523.2	1 074.3
June	196.2	26.1	222.3	432.1	493.8	925.9	628.3	519.9	1 148.2
September	221.8	30.2	252.0	554.0	502.7	1 056.8	775.8	532.9	1 308.7

<sup>1</sup> Logs used are generally below sawmilling standard; includes log equivalent of limbwood and billets.

<sup>2</sup> Comprises all areas (including concession areas) from which royalties are payable to Forestry Tasmania.

(Source: ABS unpublished data.)

## 27 BUILDING APPROVALS: Original

Year or month	Dwelling units				Value				
	New houses	New other residential buildings <sup>1</sup>	Other dwell. units created (conversions etc.) <sup>2</sup>	Total dwelling units	New dwelling units	Alterations and additions to residential buildings <sup>3</sup>	Non-residential building <sup>4</sup>		Total of all building
no.	no.	no.	no.	\$'000	\$'000	\$'000	Private	Total	\$'000
1996-97	1 593	251	17	1 861	157 428	35 323	121 490	158 970	351 720
1997-98	1 419	219	5	1 643	142 366	38 432	82 734	125 466	306 264
1998-99	1 297	104	9	1 410	131 241	36 795	115 752	174 545	342 580
<b>1998</b>									
October	117	21	1	139	12 498	3 001	13 874	15 424	30 923
November	97	11	—	108	9 484	2 944	6 717	7 861	20 289
December	112	2	—	114	11 366	2 910	2 378	6 664	20 940
<b>1999</b>									
January	114	3	—	117	11 264	2 818	15 875	45 841	59 923
February	97	12	—	109	10 719	2 655	4 164	4 234	17 609
March	116	9	1	126	12 077	3 092	10 237	16 463	31 632
April	110	14	2	126	12 418	3 917	23 814	26 864	43 198
May	94	—	1	95	8 517	2 678	5 303	10 122	21 317
June	76	11	1	88	8 955	3 526	5 321	7 266	19 746
July	147	9	2	158	15 197	3 728	15 315	18 702	37 627
August	101	16	1	118	11 734	3 861	8 174	10 176	25 770
September	114	2	—	116	11 635	3 294	21 277	21 327	36 257
October	132	8	—	140	13 434	3 973	8 436	9 440	26 847

<sup>1</sup> New individual dwelling units (e.g. flats, home units and villa units).

<sup>2</sup> From alterations and additions to residential building, conversions of non-residential building to residential building etc.

<sup>3</sup> Valued at \$10,000 and over. Includes conversions and dwelling units approved as part of alterations and additions or as part of the construction of non-residential building.

<sup>4</sup> Comprises non-residential building (new plus alterations and additions) valued at \$50,000 and over.  
(Source: *Building Approvals, Tasmania*, ABS catalogue number 8731.6.)

## 28 SECURED HOUSING COMMITMENTS<sup>1</sup>: Original, seasonally adjusted and trend

Month	Total number of dwellings <sup>2</sup>			Total value of commitments <sup>3</sup>		
	Original	Seasonally adjusted	Trend	Original	Seasonally adjusted	Trend
no.	no.	no.	\$m	\$m	\$m	
<b>1998</b>						
October	719	732	775	57	58	64
November	824	832	810	71	70	67
December	873	878	850	74	75	71
<b>1999</b>						
January	751	914	882	63	77	75
February	870	889	893	74	75	76
March	1 027	895	885	92	77	76
April	854	848	865	71	75	74
May	915	857	847	76	72	72
June	818	816	839	63	66	69
July	806	828	842	67	69	68
August	859	848	851	68	66	67
September	888	857	865	69	64	66
October	869	929	882	67	70	66

<sup>1</sup> New seasonal adjustment factors resulting from the annual seasonal reanalysis were introduced in the January 1998 issue.

<sup>2</sup> Includes new dwellings, established dwellings and refinancing. Excludes alterations and additions.

<sup>3</sup> Commitment is a firm offer of housing finance. It either has been, or is normally expected to be, accepted. Includes commitments to provide housing finance to employees and commitments accepted and cancelled in the same month. Excludes alterations and additions. Includes refinancing.

(Source: *Housing Finance for Owner Occupation, Australia*, ABS catalogue number 5609.0.)

Month	Deposits				
	Current bearing interest	Current – not bearing interest	Fixed	Investment savings accounts	Statement savings accounts
	\$m	\$m	\$m	\$m	\$m
<b>1998</b>					
October	776	232	1 947	653	253
November	780	238	1 864	651	252
December	773	249	1 877	653	253
<b>1999</b>					
January	796	248	1 878	655	255
February	805	245	1 904	655	257
March	814	260	1 926	649	266
April	801	258	1 928	638	269
May	784	255	1 921	627	270
June	773	267	1 925	624	272
July	775	248	1 964	616	273
August	783	246	1 992	614	278
September	796	243	2 006	610	280
October	819	249	2 015	608	279

Month	Deposits			Loans <sup>2</sup>
	Passbook/School savings accounts	Other	Total	
	\$m	\$m	\$m	
<b>1998</b>				
October	95	85	4 041	4 858
November	96	86	3 967	4 916
December	77	88	3 969	4 907
<b>1999</b>				
January	89	88	4 008	4 879
February	88	88	4 048	4 960
March	80	89	4 084	5 018
April	87	92	4 073	5 029
May	93	92	4 042	5 080
June	92	92	4 044	5 107
July	77	105	4 058	5 081
August	89	93	4 093	4 765
September	78	91	4 103	4 987
October	88	84	4 143	4 972

<sup>1</sup> Details are the averages of weekly figures for each month. The figures are derived from returns submitted by banks authorised under the *Banking Act* together with similar returns voluntarily submitted by the State banks; they exclude the Reserve Bank.

<sup>2</sup> Excludes non-resident loans.

(Source: Reserve Bank of Australia.)

Year or quarter	Buildings and structures	Equipment, plant, and machinery	Total
	\$m	\$m	\$m
	1997–98	169	477
1998–99	130	345	475
<b>1998</b>			
September	40	101	141
December	25	70	95
<b>1999</b>			
March	30	85	115
June	35	89	124
September	14	83	97

<sup>1</sup> Estimates based on a sample survey and therefore subject to sampling variability. Covers selected industries only—mining, manufacturing, finance, property and other selected industries.

<sup>2</sup> Current prices.

(Source: *State Estimates of Private New Capital Expenditure*, ABS catalogue number 5646.0.)

# 31 ACCOMMODATION ESTABLISHMENTS: Original<sup>1</sup>

Period	Establish- ments no.	Guest rooms no.	Bed spaces no.	Persons employed no.	Room nights occupied '000	Room occup- ancy rate %	Guest nights '000	Bed occup- ancy rate %	Guest arrivals '000	Takings from accomm- odation \$'000
<b>LICENSED HOTELS WITH FACILITIES</b>										
<b>1998</b>										
Sep qtr	54	2 884	7 868	2 719	103.9	39.4	163.1	22.7	89.6	8 929
<b>1999</b>										
Jul	n.a.	n.a.	n.a.	n.a.	34.0	38.0	55.7	22.8	29.0	2 781
Aug	n.a.	n.a.	n.a.	n.a.	35.0	39.2	53.9	22.1	29.7	3 025
Sep	n.a.	n.a.	n.a.	n.a.	42.0	48.3	68.1	28.6	37.0	2 623
Sep qtr	54	2 897	7 926	2 767	110.9	41.8	177.7	24.5	95.7	9 429
<b>MOTELS AND GUEST HOUSES WITH FACILITIES</b>										
<b>1998</b>										
Sep qtr	51	1 739	5 374	633	56.8	36.0	100.1	20.5	57.1	4 086
<b>1999</b>										
Jul	n.a.	n.a.	n.a.	n.a.	17.3	31.9	32.4	19.3	19.0	1 280
Aug	n.a.	n.a.	n.a.	n.a.	17.8	33.1	32.6	19.6	18.8	1 312
Sep	n.a.	n.a.	n.a.	n.a.	23.0	43.8	43.9	27.1	25.0	1 771
Sep qtr	51	1 751	5 409	651	58.1	36.2	108.9	21.9	62.8	4 363
<b>SERVICED APARTMENTS</b>										
<b>1998</b>										
Sep qtr	24	863	3 385	388	33.5	42.2	67.8	21.8	31.2	3 091
<b>1999</b>										
Jul	n.a.	n.a.	n.a.	n.a.	10.9	41.1	22.1	21.0	9.4	1 032
Aug	n.a.	n.a.	n.a.	n.a.	11.3	42.6	21.3	20.3	9.6	1 079
Sep	n.a.	n.a.	n.a.	n.a.	14.3	55.5	31.6	31.0	13.5	1 390
Sep qtr	24	857	3 395	393	36.5	46.3	75.0	24.0	32.6	3 500
<b>TOTAL ESTABLISHMENTS</b>										
<b>1998</b>										
Sep qtr	129	5 486	16 627	3 740	194.2	38.8	331.0	21.8	177.9	16 106
<b>1999</b>										
Jul	n.a.	n.a.	n.a.	n.a.	62.2	36.5	110.2	21.3	57.5	5 093
Aug	n.a.	n.a.	n.a.	n.a.	64.1	37.8	107.8	20.9	58.1	5 416
Sep	n.a.	n.a.	n.a.	n.a.	79.2	48.0	143.6	28.6	75.6	6 784
Sep qtr	129	5 505	16 730	3 811	205.5	40.7	361.5	23.6	191.1	17 292

<sup>1</sup> Comprising establishments with 15 or more rooms or units. Note: The Survey of Tourist Accommodation has been substantially revised from the March quarter 1998. Information in respect of 1998 has been retabulated on the basis of the new scope; 1998 data will, therefore, differ from previously published data. For an explanation, including definitions, refer to *Tourist Accommodation*, ABS catalogue number 8635.0. (Source: *Tourist Accommodation Australia*, ABS catalogue number 8635.0. For more detailed information, see also *Tourist Accommodation, Small Area Data, Tasmania*, ABS product number 8635.6.40.001)

## 32

NATIONAL PARKS, PERSON ENTRIES<sup>1</sup>: Original

## Tasmanian National Park attendance

Month	Cradle Mountain <sup>2</sup> (Lake Dove)	Lake St Clair <sup>2</sup> (Cynthia Bay)	Freycinet <sup>2</sup>	Mt Field <sup>2</sup>	Asbestos Range <sup>3</sup> (Bakers Beach)	Mole Creek Karst <sup>4</sup> (Marakooopa Cave)	Maria Island <sup>5</sup> (Darlington)
	no.	no.	no.	no.	no.	no.	no.
<b>1998</b>							
November	14 000	9 300	19 900	9 800	2 700	2 508	1 176
December	21 000	11 200	28 500	14 800	3 500	4 017	1 317
<b>1999</b>							
January	32 000	20 400	48 000	29 500	6 200	4 780	2 660
February	21 000	14 100	31 900	16 500	3 400	2 330	1 305
March	20 000	14 400	27 700	16 800	2 900	2 801	1 603
April	19 000	10 900	25 700	14 600	2 700	2 560	1 465
May	9 000	4 700	14 200	6 500	1 500	1 656	751
June	8 000	3 000	11 900	5 000	1 400	1 530	556
July	8 100	2 700	10 400	4 900	1 300	1 040	22
August	7 200	2 700	9 500	6 800	1 500	1 449	436
September	14 600	6 000	14 800	7 800	1 800	2 193	1 002
October	15 300	8 700	18 200	9 200	2 600	2 080	1 070
November	16 600	10 600	25 600	8 500	2 900	n.y.a.	1 060

<sup>1</sup> A 'person entry' occurs whenever a visitor enters a National Park. Measurement occurs at the designated sites in brackets.

<sup>2</sup> Estimated through a combination of traffic and booth counts.

<sup>3</sup> Estimated through traffic counts.

<sup>4</sup> Number of people taken on a guided tour.

<sup>5</sup> The sum of ferry arrivals and estimated plane passengers.

(Source: Tasmanian Parks and Wildlife Service, Department of Primary Industries, Water and Environment.)

## 33

TRACKS IN NATIONAL PARKS, WALKER REGISTRATIONS<sup>1</sup>: Original

Month <sup>2</sup>	Overland <sup>3</sup>	South Coast <sup>4</sup>	Freycinet <sup>5</sup>	Port Davey <sup>4</sup>	Frenchmans Cap
	no.	no.	no.	no.	no.
<b>1998</b>					
November	644	63	193	17	24
December	1 295	218	348	54	92
<b>1999</b>					
January	1 665	360	454	91	176
February	1 329	216	243	49	87
March	1 019	85	226	14	59
April	777	92	182	10	99
May	111	8	57	—	30
June	69	3	97	1	18
July	48	—	93	—	13
August	45	3	119	—	16
September	p 157	10	114	2	24
October	p 202	16	196	p 1	n.y.a.
November	p 753	p 44	251	p 8	n.y.a.

<sup>1</sup> Numbers include only walkers who registered and represents their intention.

<sup>2</sup> Month of departure.

<sup>3</sup> Sum of registrations at Cradle Mt and Lake St Clair.

<sup>4</sup> Sum of registrations to walk the length of the track in any direction, irrespective of starting point.

<sup>5</sup> All overnight walkers registered in the park.

(Source: Tasmanian Parks and Wildlife Service, Department of Primary Industries, Water and Environment.)

## 34 REGISTRATIONS OF NEW MOTOR VEHICLES<sup>1</sup>: Original

Year or month	Passenger vehicles	Other vehicles <sup>2</sup>	Total (excl. motor cycles)	Vehicles registered by vehicle rental businesses <sup>3</sup>	Motor cycles
	no.	no.	no.	no.	no.
1996	11 445	2 728	14 173	2 384	472
1997	12 512	2 606	15 118	2 458	518
1998	12 857	2 848	15 705	1 830	567
<b>1998</b>					
October	1 015	218	1 233	134	56
November	1 101	223	1 324	194	68
December	1 556	217	1 773	712	63
<b>1999</b>					
January	777	199	976	5	56
February	741	187	928	23	48
March	985	242	1 227	20	45
April	879	219	1 098	—	45
May	838	275	1 113	2	35
June	859	270	1 129	16	28
July	1 059	290	1 349	171	53
August	1 026	244	1 270	235	29
September	1 240	218	1 458	470	42
October	885	245	1 130	138	65

<sup>1</sup> Includes State and Commonwealth Government-owned motor vehicles other than those belonging to the defence services. Excludes tractors, plant and equipment, caravans and trailers.

<sup>2</sup> Comprises utilities, panel vans, rigid and articulated trucks and other truck-type vehicles (i.e. motor vehicles designed for purposes other than freight carrying, e.g. campervans, tow trucks, ambulances and hearses) and buses.

<sup>3</sup> These figures are included in previous columns.

(Source: *New Motor Vehicle Registrations, Australia*, ABS catalogue number 9303.0.40.003. ABS unpublished data.)

## 35 TURNOVER OF RETAIL ESTABLISHMENTS AT CURRENT PRICES<sup>1</sup>: Original and trend

Period	Original \$m	Trend estimates <sup>2</sup>	
		\$m	Change from corresponding month of previous year %
<b>1998</b>			
October	261.3	257.5	-3.2
November	264.0	258.8	-2.4
December	340.7	261.0	-0.9
<b>1999</b>			
January	262.2	263.7	1.0
February	243.4	266.0	2.7
March	268.7	267.4	3.8
April	261.2	267.9	4.3
May	255.5	268.0	4.4
June	251.0	268.2	4.4
July	261.8	269.1	4.7
August	256.6	270.4	5.2
September	260.8	271.6	5.6
October	271.4	273.2	6.1

<sup>1</sup> The data in this table have been adjusted following an improvement to the coverage of the Retail frame.

<sup>2</sup> Trend estimates for the most recent months have been revised. See Notes on page 2.

(Source: *Retail Trade, Australia*, ABS Catalogue number 8501.0)



## 36

VALUE OF OVERSEAS TRADE<sup>1</sup>, TASMANIA AND AUSTRALIA: **Original**

Period	Tasmania				Australia				
	Imports	Imports: change over preceding period		Exports: change over preceding period		Imports	Imports: change over preceding period		Change over preceding period
		\$'m	%	\$'m	%		\$'m	%	
1996-97	396	13	1 708	5	78 998	2	78 932	4	
1997-98	385	-3	2 136	25	90 684	15	r 87 769	11	
1998-99	407	6	2 018	-6	r 97 612	8	r 85 997	-2	
<b>1998</b>									
October	44	-7	158	8	9 002	5	7 816	3	
November	35	-21	150	-5	8 535	-5	r 7 290	-7	
December	31	-11	172	15	7 820	-8	r 7 890	8	
<b>1999</b>									
January	32	2	135	-21	7 231	-8	r 6 300	-20	
February	30	-6	140	4	7 112	-2	r 6 242	-1	
March	33	11	255	82	8 699	22	r 7 330	17	
April	29	-13	198	-22	7 731	-11	r 6 431	-12	
May	29	0	139	-30	7 747	0	r 6 973	8	
June	23	-22	243	75	8 142	5	r 6 894	-1	
July	39	75	158	-35	8 179	0	7 143	r 4	
August	32	-19	150	-5	r 8 872	8	7 340	3	
September	43	r 34	114	-24	r 9 015	2	r 7 394	1	
October	32	-26	221	93	10 220	13	7 993	8	

<sup>1</sup> It is difficult to get a complete picture of Tasmania's trade performance as imports recorded by the ABS include only goods imported directly into the State from overseas, and reported by the Australian Customs Service. Many of Tasmania's goods imported for direct consumption, or input into further processing industries, arrive via interstate ports, and are not included in this table.

<sup>2</sup> Includes re-exports.

## 37

MERCHANDISE EXPORTS, by selected countries and country groups: **Original**

Period	European Community			East Asia			Hong Kong	ASEAN <sup>1</sup>	Total all countries
	United States of America	United Kingdom	Total European Community	Japan	Korea	Taiwan			
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000			
1996-97	117 245	166 308	299 844	467 855	64 135	93 951	100 881	364 586	1 708 322
1997-98	176 175	25 063	338 791	549 048	67 801	150 405	132 551	399 472	2 136 171
1998-99	235 787	28 691	278 037	r 466 260	100 727	150 071	152 533	353 441	r 2 018 366
<b>1998</b>									
October	8 842	776	9 258	47 311	9 542	12 900	11 503	39 620	157 588
November	30 044	2 438	10 631	30 573	10 115	9 734	11 037	24 382	149 885
December	24 835	765	12 761	55 992	14 878	9 615	9 098	22 082	171 801
<b>1999</b>									
January	6 028	3 834	9 928	36 522	4 900	15 231	13 337	32 803	134 961
February	13 874	3 491	14 475	33 144	11 379	10 973	12 835	23 056	139 932
March	37 059	4 124	86 867	41 363	7 429	11 682	11 872	38 793	254 706
April	31 625	3 548	17 877	34 933	9 870	10 190	15 591	27 285	197 773
May	16 130	2 544	9 143	33 234	4 965	12 897	14 322	22 457	138 931
June	13 810	1 855	76 630	r 58 220	12 947	13 709	13 184	30 452	r 243 056
July	25 199	2 834	14 114	25 878	9 403	13 917	17 700	30 954	157 954
August	13 943	792	5 106	r 41 132	7 389	r 16 731	18 708	r 25 571	r 149 771
September	r 11 467	860	r 6 789	r 27 950	7 093	r 14 025	r 9 514	r 19 689	r 114 403
October	15 629	3 383	82 622	44 997	8 791	12 177	8 931	24 566	221 219

<sup>1</sup> ASEAN member countries are: Brunei, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand and Viet Nam.

## 38 MERCHANDISE EXPORTS, by selected commodity groups: **Original**

Period	Meat and meat preparations	Dairy products	Fish, crustaceans and molluscs	Vegetables and fruit	Wood and woodchips	Textile fibres and wastes	Metallic ores and metal scrap
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
1996-97	55 604	110 108	121 996	36 541	241 388	38 762	184 100
1997-98	71 918	133 675	141 205	55 242	311 359	29 641	254 054
1998-99	65 026	102 709	136 268	54 907	295 360	r 24 999	278 001
<b>1998</b>							
October	3 852	8 119	7 915	1 095	25 095	2 406	33 704
November	4 563	10 122	7 096	177	28 936	1 908	24 505
December	6 415	11 394	12 110	219	30 445	4 494	37 028
<b>1999</b>							
January	6 764	9 411	12 860	654	20 394	1 026	22 666
February	6 027	7 514	10 290	4 646	24 055	1 413	13 551
March	5 034	12 277	7 613	9 368	30 026	4 989	25 070
April	5 229	12 071	13 251	13 563	24 208	1 938	20 539
May	6 307	7 720	9 516	10 942	22 669	475	15 242
June	7 900	8 173	9 071	4 508	33 433	671	37 755
July	6 603	3 421	14 151	3 718	16 956	1 538	18 683
August	r 5 650	2 992	r 13 575	2 568	31 988	891	15 025
September	r 5 008	r 2 503	r 13 913	r 1 392	r 19 151	r 2 051	r 12 519
October	4 900	4 255	8 556	433	27 851	1 111	24 133
Period	Medical and pharmaceutical products	Paper and paperboard	Iron and steel	Non-ferrous metals	Road vehicles & transport equipment	Other & confidential items	Total all commodity groups
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
1996-97	22 886	31 913	82 219	438 558	212 341	131 907	1 708 322
1997-98	34 755	21 222	76 463	557 126	280 251	169 261	2 136 171
1998-99	52 330	4 130	95 265	544 311	173 015	192 045	r 2 018 366
<b>1998</b>							
October	3 980	289	7 137	36 898	2	27 097	157 588
November	2 647	249	3 279	51 278	1 330	13 795	149 885
December	3 129	626	8 473	46 084	16	11 369	171 801
<b>1999</b>							
January	6 248	1 198	6 926	37 556	328	8 929	134 961
February	5 245	402	6 088	40 608	583	19 512	139 932
March	4 856	335	13 502	54 787	65 401	21 448	254 706
April	3 506	237	5 681	50 410	34 067	13 072	197 773
May	3 003	510	7 598	37 600	109	17 240	138 931
June	3 064	195	11 744	42 313	70 295	13 891	r 243 056
July	5 303	163	5 418	64 893	58	17 051	157 954
August	7 100	380	75	49 989	495	r 19 042	r 149 771
September	4 096	45	61	r 37 567	1 008	r 15 089	r 114 403
October	4 963	203	174	44 262	70 782	29 597	221 219

	NSW	Vic.	Qld	SA	WA	Tas.	Aust. <sup>1</sup>
<b>Population</b>							
Estimated resident population, June 1999 ('000) p	6 411.7	4 712.2	3 512.4	1 493.1	1 861.0	<b>470.3</b>	18 966.8
Proportion of Australian population, June 1999 (%) p	33.8	24.8	18.5	7.9	9.8	<b>2.5</b>	100.0
Population growth rate, 12 months to June 1999 (%) p	1.2	1.2	1.7	0.4	1.7	<b>-0.3</b>	1.3
<b>Labour Force</b>							
Employment growth, 12 months to November 1999 (trend series) (%)							
Males	3.1	1.3	0.6	1.4	2.4	<b>1.7</b>	1.9
Females	2.2	3.4	3.5	3.4	4.0	<b>1.4</b>	3.1
Persons	2.7	2.2	1.8	2.3	3.1	<b>1.5</b>	2.4
Unemployment rate (trend series), November 1999 (%)	6.1	6.9	8.2	8.3	6.9	<b>9.4</b>	7.0
Unemployment growth, 12 months to November 1999 (trend series) (%)	-13.0	-8.8	-1.5	-12.1	-0.1	<b>-8.5</b>	-8.2
Participation rate (trend series), November 1999 (%)	61.8	62.9	64.8	60.7	67.2	<b>58.9</b>	63.3
Job vacancy rate, August 1999 (%)	1.5	1.3	0.8	1.0	1.1	<b>1.0</b>	1.2
Working days lost through industrial disputes, 12 months to September 1999 (days per '000 employees)	80	108	41	37	62	<b>5</b>	71
<b>Wages and Prices</b>							
Average weekly total earnings, full-time adult employees (trend series) August 1999 (\$)							
Males	903.90	826.40	797.30	792.70	881.50	<b>782.70</b>	852.20
Females	722.80	697.20	641.00	656.10	653.80	<b>632.40</b>	690.40
Persons	835.60	778.90	739.40	743.40	800.40	<b>729.50</b>	793.10
Average weekly total earnings, full-time adult employees, growth rate (trend series), 12 months to August 1999 (%)	4.1	0.9	0.7	1.2	1.4	—	2.1
Consumer price index, all groups, annual growth to September quarter 1999 (%) <sup>2</sup>	1.8	1.9	1.2	1.7	1.9	<b>0.4</b>	1.7
<b>Building</b>							
% change in the number of total dwelling units approved: in the 12 months ended October 1999, over the same period previous year (r)	-0.8	16.3	-15.4	9.2	14.7	<b>-9.1</b>	2.5
October 1998 to October 1999	6.5	24.7	4.8	35.7	11.3	<b>0.7</b>	11.6
<b>Private Investment and Retail Trade</b>							
% change in private new capital expenditure, 12 months ended September 1999, over the same period previous year (original)	-3.8	-1.7	2.6	-24.7	-32.0	<b>-29.8</b>	-7.6
% change in <i>trend</i> estimates turnover of retail establishments, October 1999 (change from corresponding month of the previous year)	7.8	11.9	5.6	5.1	2.3	<b>6.1</b>	-7.6
<b>Transport</b>							
% change in number of new motor vehicles (excluding motorcycles) registered in the 12 months ended October 1999, over the same period previous year <sup>1</sup>	0.0	3.8	-9.3	-8.1	-7.9	<b>-6.9</b>	-2.8
<b>Agriculture<sup>1</sup></b>							
% change in the number of livestock slaughtered 12 months ended October 1999 over the same period previous year (original)							
Cattle and calves	-13.4	-9.0	7.9	-18.5	-8.4	<b>2.2</b>	-4.3
Sheep and lambs	-2.6	1.2	6.4	-15.0	-0.9	<b>7.0</b>	-2.1
<b>Tourism: Room occupancy rates</b>							
Hotels, motels & guest houses, & serviced apartments with facilities, September quarter 1999 (%)	61.1	56.0	65.0	54.5	58.8	<b>40.7</b>	60.8
<b>Australian National and State Accounts</b>							
% change in Domestic (State) Final Demand, <sup>3</sup> Chain Volume measures Trend Series							
Jun. qtr 1999 to Sep. qtr 1999	1.4	1.2	-0.1	1.6	1.4	<b>0.4</b>	1.0
Sep. qtr 1998 to Sep. qtr 1999	6.7	4.9	3.9	2.4	0.9	<b>3.5</b>	4.5

<sup>1</sup> Australian totals include the ACT and NT, with the exception of Agriculture, which excludes both. <sup>2</sup> CPI applies to State capitals.

<sup>3</sup> Total of four types of expenditure: Private investment, Private consumption, Government investment, Government consumption.

<i>Particulars</i>	<i>Unit</i>	<i>Greater Hobart and Southern Statistical Division</i>	<i>Northern Statistical Division</i>	<i>Mersey-Lyell Statistical Division</i>	<i>Tasmania</i>
<b>Area</b> , 30 June 1996	km <sup>2</sup>	25 521	19 935	22 507	67 964
<b>Population</b>					
Estimated resident population, 30 June 1996	no.	230 187	134 047	110 209	474 443
Estimated resident population, 30 June 1998	no.	229 593	133 229	109 063	471 885
Births 1998 <sup>1</sup>	no.	2 828	1 621	1 515	5 974
Deaths 1998 <sup>1</sup>	no.	1 798	975	823	3 596
<b>Labour Force</b> (original), November 1999					
Total employed.	no.	97 000	56 600	43 900	197 500
Total unemployed	no.	9 700	4 800	6 500	21 000
Unemployment rate	%	9.1	7.8	13.0	9.6
Participation rate	%	58.4	58.0	62.0	59.1
<b>Schools, 1997<sup>2</sup></b>					
Government	no.	102	60	60	222
Non-government	no.	35	16	16	67
<b>Full-time school students, 1997<sup>2</sup></b>					
Government	no.	29 355	17 913	15 653	62 921
Non-government	no.	12 128	4 909	4 199	21 236
<b>Educational qualification, 1996 Census<sup>3</sup></b>					
Bachelor degree or higher <sup>4</sup>	no.	17 058	7 152	3 908	28 184
Undergraduate diploma	no.	5 893	3 268	2 181	11 374
Associate diploma	no.	3 775	1 902	1 466	7 184
Skilled vocational	no.	16 255	0 040	8 841	35 238
Basic vocational	no.	4 548	2 632	2 305	9 515
<b>Agriculture</b>					
Establishments with agricultural activity, 1997–98 season	no.	1 138	1 584	1 761	4 483
Total area of establishments	ha	751 167	837 147	326 171	1 914 485
Crops, production, 1997–98 season					
Potatoes	tonnes	2 785	119 771	251 022	373 578
Onions	tonnes	777	9 613	41 555	51 945
Apples	tonnes	36 097	4 427	6 168	46 693
Barley	tonnes	6 793	21 527	2 597	30 917
Livestock, 1997–98 season					
Beef cattle	no.	83 229	213 631	213 562	510 422
Dairy cattle	no.	7 845	79 693	130 180	217 718
Sheep and lambs	no.	1 768 448	1 926 966	173 454	3 868 868
Pigs	no.	3 235	14 899	6 165	24 299
Gross value of agric. production, 1997–98	\$m	n.y.a.	n.y.a.	n.y.a.	678
<b>Business locations, September 1998</b>					
Locations with manufacturing activity					
Less than 20 employees	no.	424	327	257	1 008
20 or more employees	no.	83	67	48	198
Total	no.	507	394	305	1 206
Locations with retail activity					
Less than 20 employees	no.	2 046	1 346	1 133	4 525
20 or more employees	no.	82	43	35	160
Total	no.	2 128	1 389	1 168	4 685
<b>Building, 1998–99</b>					
Total dwelling units approved	no.	731	431	248	1 410
Value of total residential building approved	\$'000	87 612	50 579	29 843	168 035
Value of total building approved	\$'000	199 614	83 883	59 083	342 580
<b>Dwellings, Census 1996<sup>3</sup></b>					
Total dwellings	no.	98 815	57 467	45 529	201 820
Occupied private dwellings	no.	85 255	49 759	40 183	175 197
Fully owned	no.	34 338	21 563	18 359	74 260

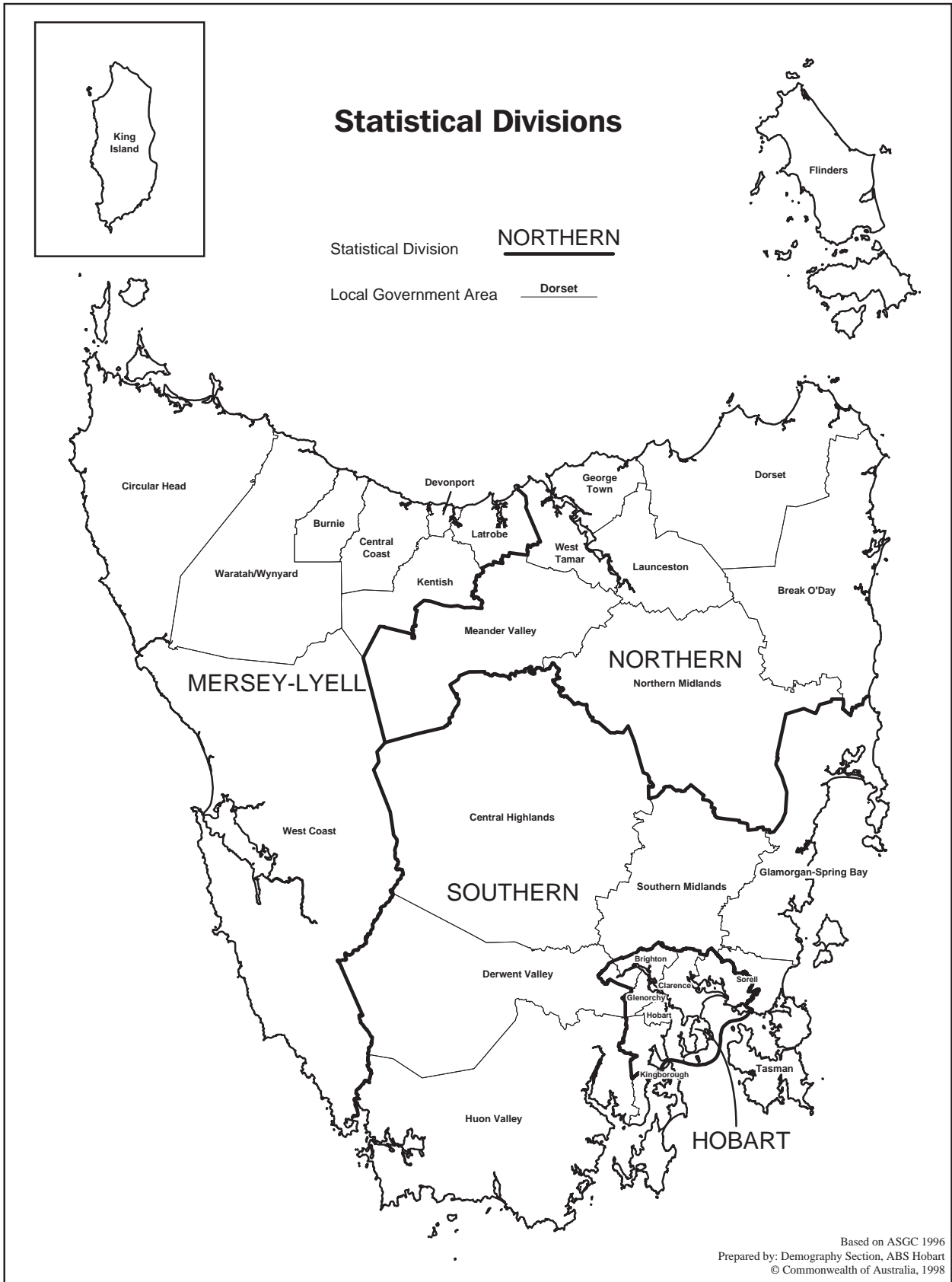
<sup>1</sup> Births and deaths are based on usual residence year of registration.

Total Tasmania includes usual residences other than Tasmanian Statistical Divisions.

<sup>2</sup> Source: DETYA and Tasmanian Department of Education.

<sup>3</sup> Total includes migratory statistical division.

<sup>4</sup> Includes higher degree, postgraduate diploma and bachelor degree.







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