



# AUSTRALIAN ECONOMIC INDICATORS

EMBARGO: 11:30AM (CANBERRA TIME) FRI 26 FEB 1999

## CONTENTS

	<i>page</i>
Notes . . . . .	2
Composite Leading Indicator: December Quarter 1998. . . . .	3
CHAPTERS	
National accounts . . . . .	13
International accounts . . . . .	23
Consumption and investment . . . . .	41
Production . . . . .	51
Prices . . . . .	63
Labour force and demography . . . . .	75
Incomes and labour costs . . . . .	85
Financial markets . . . . .	93
State comparisons . . . . .	103
International comparisons . . . . .	119
ADDITIONAL INFORMATION	
Explanatory notes . . . . .	131
Appendix: Index of feature articles published in <i>Australian Economic Indicators</i> . . . . .	134

- For further information about these and related statistics, contact Daniel O'Dea on Canberra (02) 6252 6114, or any ABS Office.

## NOTES

### FORTHCOMING ISSUES

<i>Issue</i>	<i>Expected release date</i>
April 1999	31 March 1999
May 1999	30 April 1999
June 1999	31 May 1999

### CHANGES IN THIS ISSUE

Constant price engineering activity estimates (Table 4.11) have been replaced with chain volume measures. The move from constant price to chain volume measures, was announced on 19 March 1998 in *Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts* (Cat. no. 5248.0). More details, including the reasons for this change and the likely impact, are contained in the information paper.

### IN THIS ISSUE

Where available, the statistics in this issue are presented as time series for the last nine years of annual data, the last nine quarters or 15 months of data. To assist analysis most tables include percentage movements, as well as levels, of series.

For users requiring longer time series, each February issue of *Australian Economic Indicators* contains, for most series, a greater span of annual, quarterly and monthly data.

Quarterly and monthly data for most series, and annual data for a limited number of series, are available from the ABS for earlier periods than that shown in this publication. Many series can be obtained on electronic media. Inquiries should be directed to one of the *Sales and Inquiries* contact telephone numbers given on the back cover.

### SYMBOLS AND OTHER USAGES

billion	thousand million
n.a.	not available
n.y.a.	not yet available
. .	not applicable
0, 0.0	zero or rounded to zero
n.e.c.	not elsewhere classified
n.e.s.	not elsewhere specified

D. Trewin  
Acting Australian Statistician

# Experimental Composite Leading Indicator December quarter 1998

## MOST RECENT MOVEMENTS

In the December quarter 1998, the experimental Composite Leading Indicator (XCLI) fell 0.08, following falls of 0.27, 0.21, 0.13 and 0.05 in the September quarter 1998, June quarter 1998, March quarter 1998 and the December quarter 1997, respectively. This fifth consecutive fall confirms the peak in the XCLI in the September quarter 1997.

In the September quarter 1998, the quarterly growth of the trend of GDP (0.97%) remains above its historical long-term trend growth rate (0.86%). However, the rate of growth in this deviation decelerated for the second consecutive quarter. (The December quarter 1998 national accounts are scheduled for release on 3 March 1999.)

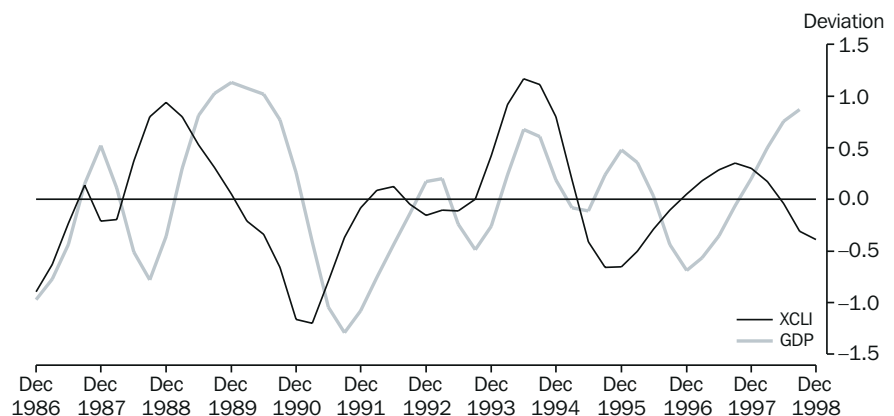
## CONTRIBUTION OF COMPONENTS

Of the eight components used in the XCLI compilation, four made negative contributions and four made positive contributions in the December quarter 1998. The largest negative contribution continued to come from the trade factor while the largest positive contribution continued to come from the production expectations component.

## REFERENCE SERIES

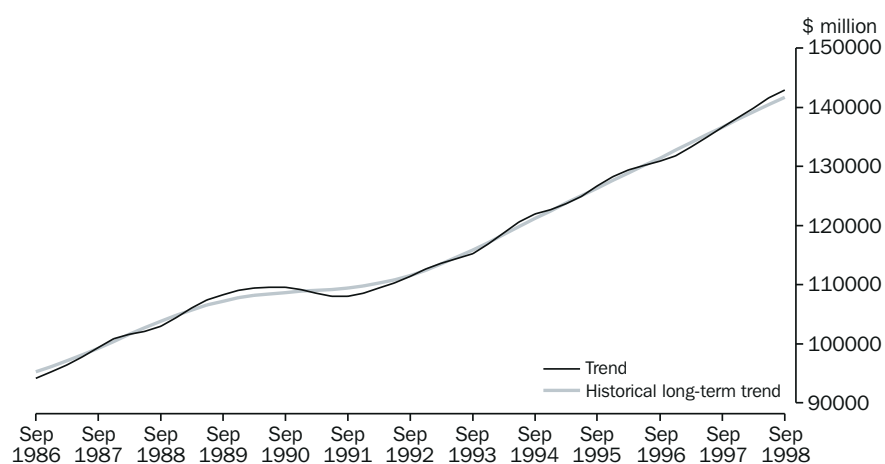
The reference series for the XCLI is the business cycle of Australia which is defined as the deviation of the trend in the chain volume measure of GDP from its historical long-term trend. Graph 1 shows the chain volume measure of GDP and the XCLI expressed as deviations from their historical long-term trends (the deviation measure is outlined in Endnote 1). Graph 2 shows the trend chain volume measure of GDP compared with its historical long-term trend.

1. EXPERIMENTAL COMPOSITE LEADING INDICATOR (XCLI) AND, GDP (Chain volume measure)—  
Deviation from historical long-term trend



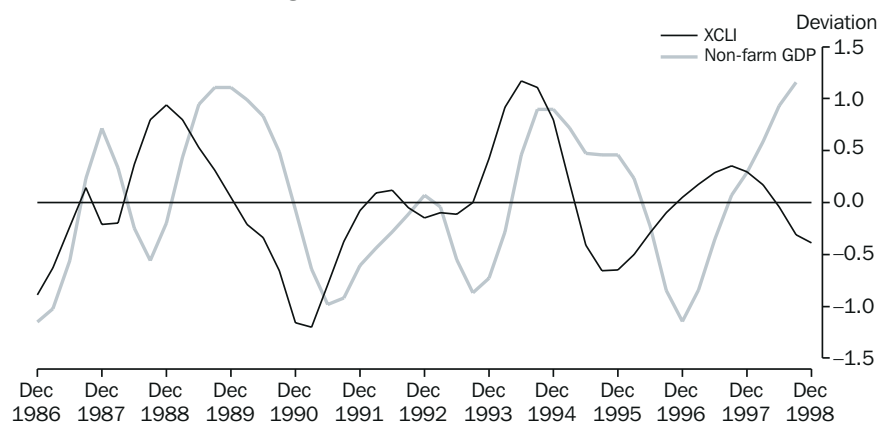
Note: In the September quarter 1998 the historical long-term trend growth rate of GDP is 0.86% per quarter and the trend growth rate is 0.97% per quarter.

## 2. GDP, CHAIN VOLUME MEASURE



Note: In the September quarter 1998, the historical long-term trend growth rate of GDP is 0.86% per quarter and the trend growth rate is 0.97% per quarter.

## 3. EXPERIMENTAL COMPOSITE LEADING INDICATOR (XCLI) AND, NON-FARM GDP(Chain volume measure) — Deviation from historical long-term trend



Note: In the September quarter 1998 the historical long-term growth rate of non-farm GDP is 0.80% per quarter and the trend growth rate is 1.04% per quarter.

Table 1: XCLI and GDP (Chain volume measure — reference year 1996–97)

	Sep 1997	Dec 1997	Mar 1998	Jun 1998	Sep 1998	Dec 1998
XCLI	0.35	0.30	0.17	-0.04	-0.31	-0.39
Change from previous quarter	0.06	-0.05	-0.13	-0.21	-0.27	-0.08
GDP Trend (Chain volume measure) \$m	136,553	138,210	139,873	141,507	142,882	n.a.
Percentage change from previous quarter	1.27	1.21	1.20	1.17	0.97	n.a.
GDP Long-term trend (Chain volume measure) \$m	136,642	137,931	139,183	140,440	141,654	n.a.
Percentage change from previous quarter	0.97	0.94	0.91	0.90	0.86	n.a.
GDP Deviation from long-term trend (Chain volume measure)	-0.06	0.20	0.50	0.76	0.87	n.a.
Change from previous quarter	0.30	0.26	0.29	0.26	0.11	n.a.

REFERENCE SERIES  
*continued*

Based on the September quarter 1998 national accounts data, the first quarter of the most recent expansionary stage of the business cycle was the March quarter 1997 and this stage continued in the September quarter 1998. In each of the seven quarters over this period, the growth rate in trend GDP was higher than the historical long-term trend of GDP.

NON-FARM GDP

Graph 3 provides non-farm GDP (chain volume measure) expressed as a deviation from its historical long-term trend, to assist separate assessment of farm and non-farm effects. This is provided because one deficiency of the XCLI noted in a review (see Feature Article — Review of the Experimental Composite Leading Indicator, *Australian Economic Indicators*, (1350.0), July 1997) is its failure to include a series providing a good leading indicator of the farm cycle. As shown in Graph 1, the previous peak in the reference series was in the December quarter 1995. This peak was largely attributable to the effects of a good farm season in 1995–96, which was not predicted by the XCLI (see Feature Article — Impact of the 1995–96 Farm Season on Australian Production, *Australian Economic Indicators*, (1350.0), January 1997). A review of the performance of the XCLI and its components was published in the July 1997 *Australian Economic Indicators*.

ANALYSIS OF COMPONENT INDICATORS: DEVIATION FROM HISTORICAL LONG-TERM TREND

In the December quarter 1998, four of the eight component indicators made negative contributions to the quarterly change in the XCLI and four components made positive contributions (expressed as deviation from the historical long-term trend, see Table 2). Graphs 4 to 11 show each component's trend and historical long-term trend.

Table 2: Contributions to quarterly changes in the XCLI

	Dec 1997	Mar 1998	Jun 1998	Sep 1998	Dec 1998
Trade factor	-0.10	-0.08	-0.09	-0.15	-0.10
United States GDP	0.02	0.00	0.01	0.02	0.01
Housing finance commitments	-0.00	-0.02	-0.03	-0.03	-0.03
Job vacancies	0.07	0.06	0.02	-0.02	-0.04
All industrials index	-0.01	0.03	0.00	-0.09	-0.03
Real interest rate (inverse lagged four quarters)	-0.02	0.01	0.02	0.03	0.03
Production expectations (lagged one quarter)	0.02	-0.04	-0.03	0.04	0.07
Business expectations (lagged one quarter)	-0.02	-0.08	-0.12	-0.06	0.01
Total XCLI, change from previous quarter	-0.05	-0.13	-0.21	-0.27	-0.08

ANALYSIS OF COMPONENT INDICATORS: DEVIATION FROM HISTORICAL LONG-TERM TREND continued

*Negative contributions.* The components making negative contributions to the quarterly change in the December quarter 1998 XCLI are the trade factor (-0.10 points, Graph 4), job vacancies (-0.04 points, Graph 7), the all industrials index (-0.03 points, Graph 8) and housing finance commitments (-0.03 points, Graph 6).

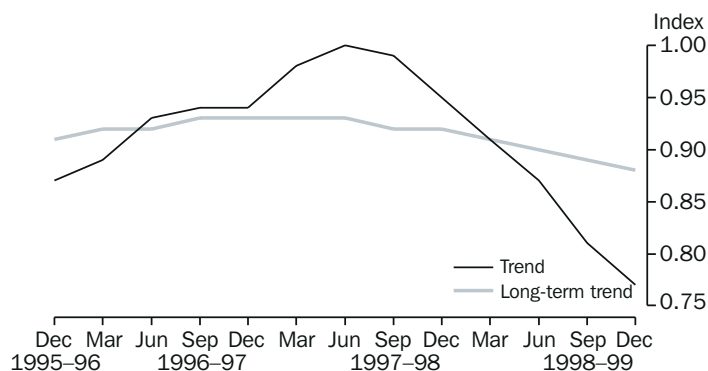
*Positive contributions.* The components making positive contributions to the quarterly change in the December quarter 1998 XCLI are production expectations (0.07 points, Graph 10), the inverted, lagged real interest rate (0.03 points, Graph 9), United States GDP (0.01 points, Graph 5) and business expectations (0.01 points, Graph 11)

Trade factor

The trade factor is defined as the ratio between commodity prices (in terms of Special Drawing Rights) and the price index for imported materials used by Australian producers. This ratio gives an early estimation of the terms of trade. In the December quarter 1998 the trend of the trade factor fell, the sixth consecutive quarter to record a fall. Moreover, from the September quarter 1997 the trend has been falling at a faster rate than the historical long-term trend. Thus, the trade factor has made six consecutive negative contributions to the movements in the XCLI. Prior to this recent downturn, the last large deterioration in the deviation was in the June quarter 1995.

The trade factor series has been affected by a steady fall in commodity prices (measured in terms of Special Drawing Rights) since the June quarter 1997, and a generally steady rise in the price index for imported materials used by Australian producers, since the March quarter 1997. However, the price index for imported materials fell in the December quarter 1998, the first fall since the June quarter 1997. This fall is largely a result of lower prices for imported plastic materials and synthetic resins, and a strengthening Australian dollar. Commodity prices have continued to fall as a result of downward price pressures on world markets.

4. TRADE FACTOR

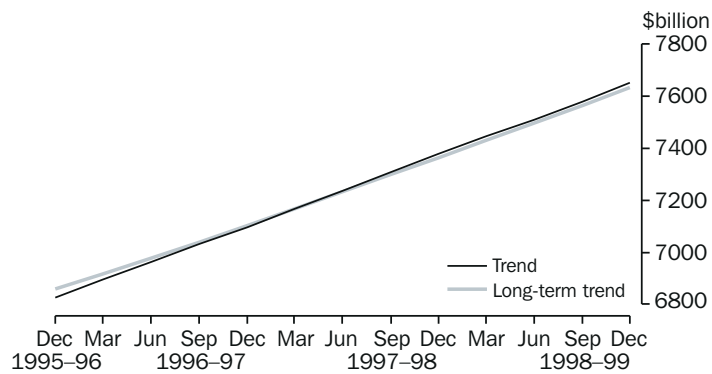


Source: ABS 6411.0, RBA Bulletin.

United States GDP

The trend of United States GDP has been rising since the March quarter 1991. Recently, the trend has been rising at a slightly faster rate than its historical long-term trend, causing a slight widening in the deviation and small positive contributions to the XCLI. Quarterly growth rates in United States GDP have been remarkably stable over the last three years. Since the December quarter 1995, the quarterly trend growth rate in United States GDP has ranged between 0.9 and 1.0%.

5. UNITED STATES GDP

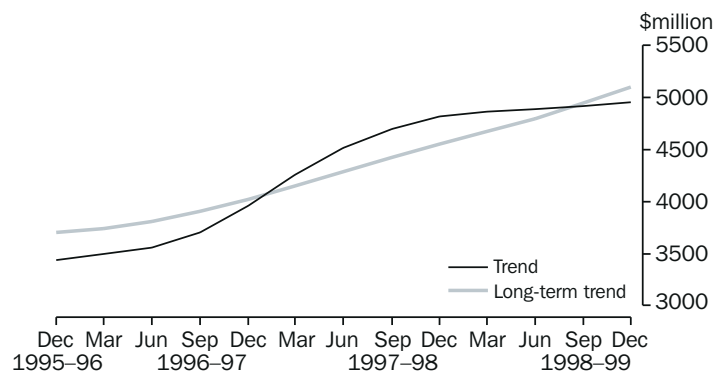


Source: US Bureau of Economic Analysis.

Secured housing finance commitments

In the December quarter 1998 the trend of secured housing finance commitments continued to rise. This series has been rising continuously since the June quarter 1995. However, the trend has recorded much weaker growth than the historical long-term trend since the December quarter 1997, causing it to move below the historical long-term trend in the last two quarters. This series has made a negative contribution to the movements in the XCLI since the December quarter 1997.

6. SECURED HOUSING FINANCE COMMITMENTS

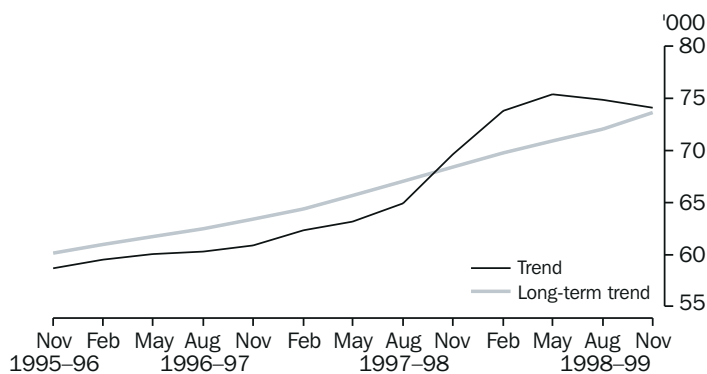


Source: ABS 5671.0.

*Note that the job vacancies series are referenced to the middle month of a quarter.*

In February 1998 and May 1998 the trend of the number of job vacancies rose, however the rate of growth declined. In August 1998 and November 1998 the series fell, moreover at an increasing rate. These movements contrast with the steadily rising historical long-term trend, which has not fallen since May 1992. The narrowing in the positive deviation of trend above its historical long-term trend has resulted in the second consecutive negative contribution from this component to the movement in the XCLI.

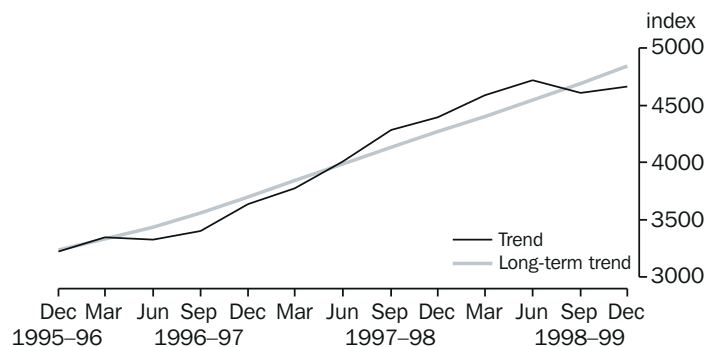
7. JOB VACANCIES



Source: ABS 6354.0.

In the June quarter 1997 the trend series of the all industrials index moved above its historical long-term trend. This strong growth in the trend series continued in the September quarter 1997, but moderated in subsequent quarters. In the September quarter 1998 the trend of the all industrials fell, the first fall since the June quarter 1996. This fall in the trend, combined with continued steady growth in the historical long-term trend resulted in a large negative

8. ALL INDUSTRIALS INDEX



Source: Australian Stock Exchange.



contribution to the movement in the XCLI in the September quarter 1998. The trend continued to fall further from its historical long-term trend in the December quarter 1998. This widening in the deviation made a negative contribution to the movement in the XCLI in the December quarter 1998.

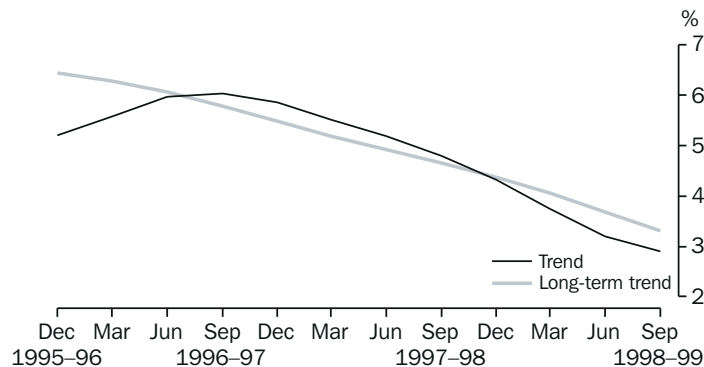
Real interest rate

*(It is the inverse of the deviation between the trend and the historical long-term trend of the real interest rate, lagged four quarters, that is used in the XCLI. Therefore it is the December quarter 1997 movement in the inverse of the real interest rate that contributes to the December quarter 1998 movement in the XCLI. )*

The historical long-term trend of the real interest rate has fallen consistently since the September quarter 1995, while the trend series been falling since the September quarter 1996. In the December quarter 1997, trend growth was less than historical long-term trend growth for the fourth consecutive quarter and the trend level fell below the historical long term trend level. These four consecutive quarters of trend growth, which were less than the historical long-term trend growth have (once inverted) provided four consecutive positive contributions to the XCLI. Since the September quarter 1997 the fall in the original real interest rate series has been due primarily to an accelerating rise in the domestic final demand chain volume price index.

Following a widening in the negative deviation between the trend and its historical long-term trend in the March quarter 1998 and the June quarter 1998, the deviation narrowed in the September quarter 1998. These movements indicate that this component is likely to make two consecutive positive contributions, followed by a negative contribution in forthcoming generations of the XCLI.

#### 9. REAL INTEREST RATE



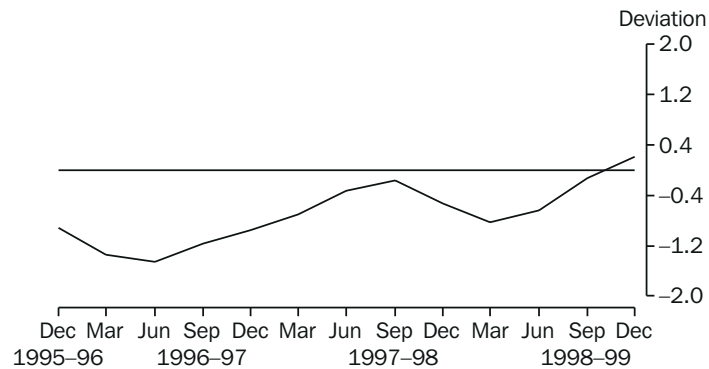
Source: ABS 5206.0, the Treasury.

Production and business expectations

*(Note: These components are lagged one quarter in the compilation of the XCLI. Like other XCLI components, the production expectations and business expectations series have been smoothed and standardised to display cyclical behaviour. However, these series are not thought to exhibit long-term trend growth. )*

In the December quarter 1998, trend production expectations rose, the first rise since the March quarter 1995. This followed decelerating falls in the previous two quarters. As a result of the decelerated fall in the September quarter 1998, this component made a positive contribution to the movement in the XCLI.

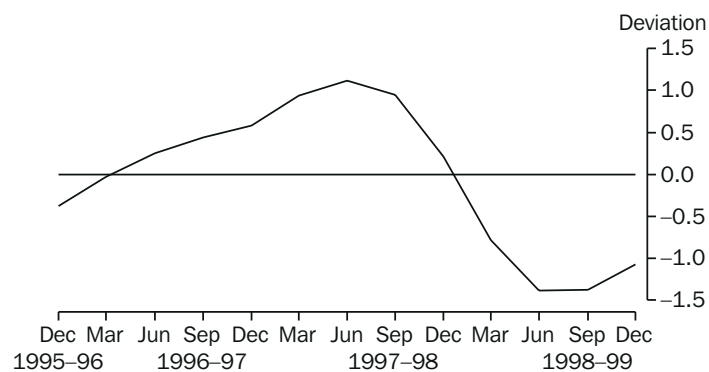
10. PRODUCTION EXPECTATIONS,Trend



Source:ACCI and Westpac, Survey of Industrial Trends.

Trend business expectations fell in the December quarter 1998, the fourth consecutive quarter to record a fall, however the rate of decline decelerated for the second consecutive quarter.

11. BUSINESS EXPECTATIONS,Trend



Source:ACCI and Westpac, Survey of Industrial Trends.

Production and business expectations *continued*

The source of these expectations series is the Australian Chamber of Commerce and Industry, and Westpac Banking Corporation, Survey of Industrial Trends. The ABS also compiles business expectations data. However, these cannot yet be included as a component of the XCLI due to the insufficient length of the time series.

#### METHODOLOGY AND INTERPRETATION

The XCLI has been developed to supplement, rather than to compete with, existing forms of economic analysis and forecasting. It is still considered to be experimental and will continue to be published each quarter in Australian Economic Indicators (i.e. in the March, June, September and December issues).

The XCLI summarises the business cycles present in a selection of economic indicators, which had typically shown turning points ahead of the business cycle in GDP from the early 1970s to the early 1990s. Because the evolution of each expansion and contraction in activity presents a unique combination of features, none of the individual component indicators has had an unvarying or perfectly stable leading relationship with GDP. However, when combined to form the XCLI, their performance, as a group, is more stable.

The lead time of the XCLI with respect to the reference cycle still varies. Past performance of the XCLI indicates that it led turning points in the GDP growth cycle by between one and six quarters with the average being around two quarters.

If the lead behaviour continues, the XCLI would assist in the early detection of turning points in the business cycle in GDP. Note that the XCLI can only provide early signals of turning points in the business cycle. It does not predict the level of GDP, nor signal recessions or recoveries.

#### LONGER TIME SERIES AND FURTHER DETAILS

Details of the compilation of the XCLI index can be found in *An Experimental Composite Leading Indicator of Australian Economic Activity*, (1347.0), June 1993, and in the feature articles published in *Australian Economic Indicators* (1350.0) in August, October 1992 and May 1993.

Longer time series of the data presented in this XCLI note are now available on Ausstats. For further information about these statistics, contact Craig Stevens (02) 6252 5795.

#### ENDNOTE

1. The unit of measurement varies between XCLI components. For example, the real interest rate is measured as a per cent, job vacancies as a number, United States GDP in dollar terms and the trade factor is

ENDNOTE *continued*

measured in index number form. Each component is therefore standardised to make their contributions to the XCLI comparable.

The standardisation procedure gives each XCLI component an average value of 1. The variation of each component about its average is also standardised, so that the average deviation also equals 1. Chain volume GDP (the reference series) is also standardised in the same way.

Graphs 1 and 3 use the standardised forms of the XCLI, GDP and non-farm GDP series. The graphs show the deviation of the standardised series from their respective historical long-term trends. Because of the standardisation procedure, the deviation measure has no particular unit (i.e. it is not measured in dollars, or per cent change, or any other real world unit).

# 1

## NATIONAL ACCOUNTS

---

### TABLES

1.1	GDP and other selected aggregates, chain volume measures . . . . .	14
1.2	Expenditure on gross domestic product, chain volume measures . . . . .	15
1.3	Gross value added by industry at basic prices, chain volume measures . . . . .	17
1.4	Income components of gross domestic product . . . . .	19
1.5	National income account . . . . .	20
1.6	National accounts ratios and indexes . . . . .	21
1.7	Consolidated public sector net deficit . . . . .	22
1.8	Selected public sector aggregates as a percentage of gross domestic product . . . . .	22

---

### RELATED PUBLICATIONS

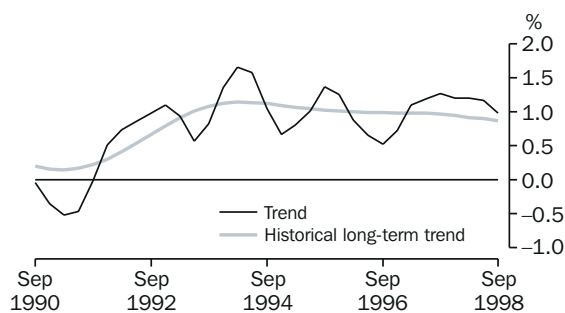
*Australian National Accounts: National Income, Expenditure and Product (5204.0)*

*Australian National Accounts: National Income, Expenditure and Product (5206.0)*

*Balance of Payments and International Investment Position, Australia (5302.0)*

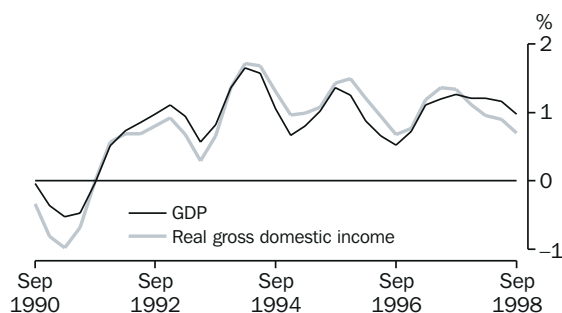
**NATIONAL  
ACCOUNTS**

GDP,  
Chain volume measure—  
Quarterly % change



Source: ABS 5206.0, Quarterly data

GDP AND REAL GROSS DOMESTIC INCOME,  
Chain volume measure, Trend—  
Quarterly % change



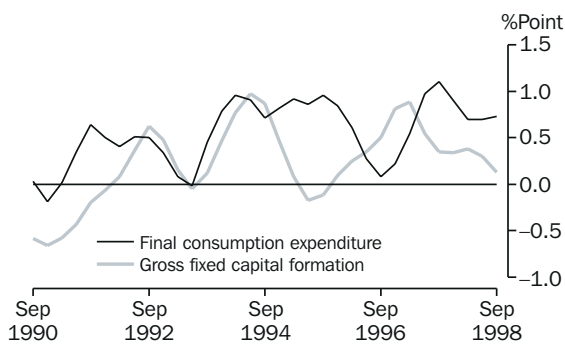
Source: ABS Derived from 5206.0, Quarterly data

**TABLE 1.1. GDP AND OTHER SELECTED AGGREGATES**  
**Chain Volume Measures, Reference year 1996–97**

Period	GDP	Real gross domestic income	Domestic final demand(a)	Gross non-farm product	Gross national expenditure
ANNUAL (\$ MILLION)					
1991–92	435,910	432,082	438,829	424,602	435,462
1992–93	452,307	445,135	452,280	438,992	452,049
1993–94	470,931	461,125	465,546	456,992	466,513
1994–95	492,452	485,829	494,946	484,283	496,966
1995–96	514,118	510,832	511,575	501,801	513,518
1996–97	531,045	531,045	530,482	515,611	529,264
1997–98	555,448	555,551	558,412	540,790	560,429
PERCENTAGE CHANGE FROM PREVIOUS YEAR					
1991–92	0.2	-0.2	0.5	2.2	0.3
1992–93	3.8	3.0	3.1	3.3	3.8
1993–94	4.1	3.6	2.9	5.8	3.2
1994–95	4.6	5.4	6.3	4.4	6.5
1995–96	4.4	5.1	3.4	3.1	3.3
1996–97	3.3	4.0	3.7	3.6	3.1
1997–98	4.6	4.6	5.3	4.9	5.9
SEASONALLY ADJUSTED (\$ MILLION)					
1996–97					
September	131,233	131,097	129,903	127,391	131,040
December	131,622	131,452	131,308	127,223	131,968
March	132,793	132,610	133,486	128,977	132,243
June	135,646	135,886	135,784	132,021	134,014
1997–98					
September	136,143	136,525	136,773	132,522	135,904
December	138,084	138,315	139,503	134,459	139,421
March	140,178	139,836	140,608	136,143	142,694
June	141,419	141,071	141,528	137,739	142,781
1998–99					
September	142,890	141,811	143,580	139,169	144,316
SEASONALLY ADJUSTED — PERCENTAGE CHANGE FROM PREVIOUS QUARTER					
1997–98					
September	0.4	0.5	0.7	0.4	1.4
December	1.4	1.3	2.0	1.5	2.6
March	1.5	1.1	0.8	1.3	2.3
June	0.9	0.9	0.7	1.2	0.1
1998–99					
September	1.0	0.5	1.4	1.0	1.1
TREND — PERCENTAGE CHANGE FROM PREVIOUS QUARTER					
1997–98					
September	1.3	1.3	1.4	1.4	1.7
December	1.2	1.1	1.2	1.1	1.7
March	1.2	1.0	1.1	1.2	1.4
June	1.2	0.9	1.0	1.2	1.1
1998–99					
September	1.0	0.7	0.9	1.0	0.7

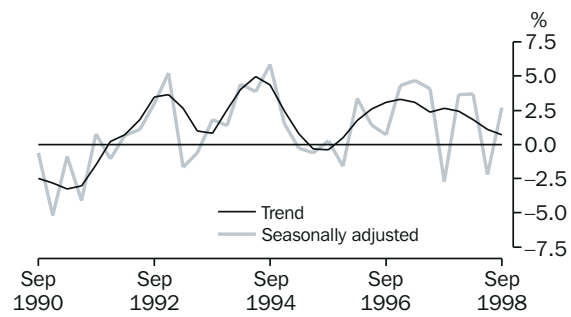
(a) : The sum of household and government final consumption expenditure and total gross fixed capital formation. It is also equivalent to gross national expenditure less change in inventories. Source: Australian National Accounts: National Income, Expenditure and Product (5206.0).

CONTRIBUTION TO GROWTH IN GDP,  
Chain volume measure, Trend



Source: ABS 5206.0, Quarterly data

TOTAL GROSS FIXED CAPITAL FORMATION,  
Chain volume measure—  
Quarterly % change



Source: ABS 5206.0, Quarterly data

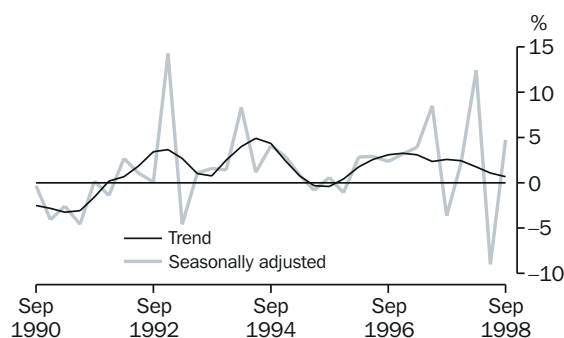
TABLE 1.2. EXPENDITURE ON GROSS DOMESTIC PRODUCT  
Chain Volume Measures, Reference year 1996–97

Period	Final consumption expenditure		Gross fixed capital formation			Change in inventories	Exports of goods and services	Imports of goods and services	Statistical discrepancy (E)	GDP
	Households	Government	Private	Public corporations	General government					
ANNUAL (\$ MILLION)										
1989–90	260,149	82,992	74,567	13,756	10,487	6,281	58,191	70,736	1,338	436,317
1990–91	262,059	85,585	66,322	12,407	10,352	-1,279	64,875	66,585	1,510	434,852
1991–92	267,468	86,997	63,008	11,819	10,375	-2,674	70,681	68,915	-2,718	435,910
1992–93	273,137	88,615	69,605	10,493	11,140	577	75,341	73,167	-3,368	452,307
1993–94	279,626	89,596	76,044	9,720	11,146	1,558	82,593	78,029	-1,678	470,931
1994–95	294,057	92,138	85,367	11,796	11,733	2,970	86,492	90,855	0	492,452
1995–96	306,312	95,731	87,484	11,062	11,309	1,366	95,464	94,474	0	514,118
1996–97	312,935	96,654	98,787	9,826	12,336	-1,290	105,330	103,545	0	531,045
1997–98	327,052	101,104	109,447	8,804	12,005	2,017	109,298	113,301	-978	555,448
PERCENTAGE CHANGE FROM PREVIOUS YEAR										
1989–90	5.1	1.5	-3.7	20.9	13.5	n.a.	5.0	5.4	n.a.	3.7
1990–91	0.7	3.1	-11.1	-9.8	-1.3		11.5	-5.9		-0.3
1991–92	2.1	1.6	-5.0	-4.7	0.2		8.9	3.5		0.2
1992–93	2.1	1.9	10.5	-11.2	7.4		6.6	6.2		3.8
1993–94	2.4	1.1	9.3	-7.4	0.1		9.6	6.6		4.1
1994–95	5.2	2.8	12.3	21.4	5.3		4.7	16.4		4.6
1995–96	4.2	3.9	2.5	-6.2	-3.6		10.4	4.0		4.4
1996–97	2.2	1.0	12.9	-11.2	9.1		10.3	9.6		3.3
1997–98	4.5	4.6	10.8	-10.4	-2.7		3.8	9.4		4.6
CONTRIBUTION TO ANNUAL GROWTH										
1989–90	3.0	0.3	-0.7	0.6	0.3	0.4	0.7	-0.9	0.0	3.7
1990–91	0.4	0.6	-1.9	-0.3	0.0	-1.7	1.5	1.0	0.0	-0.3
1991–92	1.2	0.3	-0.8	-0.1	0.0	-0.3	1.3	-0.5	-1.0	0.2
1992–93	1.3	0.4	1.5	-0.3	0.2	0.7	1.1	-1.0	-0.1	3.8
1993–94	1.4	0.2	1.4	-0.2	0.0	0.2	1.6	-1.1	0.4	4.1
1994–95	3.1	0.5	2.0	0.4	0.1	0.3	0.8	-2.7	0.4	4.6
1995–96	2.5	0.7	0.4	-0.1	-0.1	-0.3	1.8	-0.7	0.0	4.4
1996–97	1.3	0.2	2.2	-0.2	0.2	-0.5	1.9	-1.8	0.0	3.3
1997–98	2.7	0.8	2.0	-0.2	-0.1	0.6	0.7	-1.8	-0.2	4.6

Source: Australian National Accounts: National Income, Expenditure and Product (5206.0).

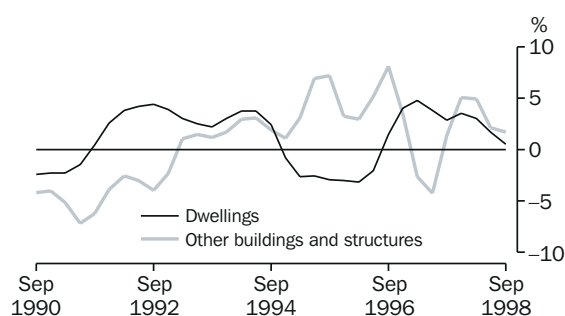
**NATIONAL  
ACCOUNTS**

**PRIVATE GROSS FIXED CAPITAL FORMATION,**  
Chain volume measure—  
Quarterly % change



Source: ABS 5206.0, Quarterly data

**PRIVATE GFCF: SELECTED COMPONENTS,**  
Chain volume measure—  
Quarterly % change



Source: ABS 5206.0, Quarterly data

**TABLE 1.2. EXPENDITURE ON GROSS DOMESTIC PRODUCT**  
Chain Volume Measures, Reference year 1996–97 — *continued*

Period	Final consumption expenditure		Gross fixed capital formation			Change in inventories	Exports of goods and services	Imports of goods and services	Statistical discrepancy (E)	GDP
	Households	Government	Private	Public corporations	General government					
SEASONALLY ADJUSTED (\$ MILLION)										
1996–97										
September	77,511	24,139	23,145	2,262	2,918	1,019	24,727	24,645	172	<b>131,233</b>
December	77,726	24,077	23,888	2,676	2,969	575	25,268	25,772	207	<b>131,622</b>
March	78,354	24,205	24,822	3,010	3,084	-1,240	26,255	25,781	59	<b>132,793</b>
June	79,344	24,233	26,932	1,878	3,365	-1,732	29,080	27,347	-189	<b>135,646</b>
1997–98										
September	80,486	24,999	25,949	2,697	2,641	-869	28,060	27,968	146	<b>136,142</b>
December	81,800	25,271	26,527	2,704	3,200	-82	27,121	28,076	-382	<b>138,084</b>
March	82,104	24,864	29,822	533	3,285	2,085	26,615	28,536	-594	<b>140,178</b>
June	82,661	25,970	27,149	2,869	2,879	1,253	27,502	28,721	-144	<b>141,419</b>
1998–99										
September	83,596	26,198	28,443	2,077	3,265	737	27,696	28,700	-422	<b>142,890</b>
PERCENTAGE CHANGE FROM PREVIOUS QUARTER										
1997–98										
September	1.4	3.2	-3.6	43.6	21.5	n.a.	-3.5	2.3	n.a.	<b>0.4</b>
December	1.6	1.1	2.2	0.3	21.2		-3.3	0.4		<b>1.4</b>
March	0.4	-1.6	12.4	-80.3	2.7		-1.9	1.6		<b>1.5</b>
June	0.7	4.5	-9.0	438.4	-12.4		3.3	0.6		<b>0.9</b>
1998–99										
September	1.1	0.9	4.8	-27.6	13.4		0.7	-0.1		<b>1.0</b>
PERCENTAGE CHANGE FROM SAME QUARTER OF PREVIOUS YEAR										
1997–98										
September	3.8	3.6	12.1	19.2	-9.5	n.a.	13.5	13.5	n.a.	<b>3.7</b>
December	5.2	5.0	11.0	1.0	7.8		7.3	8.9		<b>4.9</b>
March	4.8	2.7	20.1	-82.3	6.5		1.4	10.7		<b>5.5</b>
June	4.2	7.2	0.8	52.8	-14.5		-5.4	5.0		<b>4.3</b>
1998–99										
September	3.9	4.8	9.6	-23.0	23.6		-1.3	2.6		<b>5.0</b>
CONTRIBUTION TO QUARTERLY GROWTH										
1997–98										
September	0.8	0.6	-0.7	0.6	-0.5	0.6	-0.8	-0.5	0.2	<b>0.4</b>
December	1.0	0.2	0.4	0.0	0.4	0.6	-0.7	-0.1	-0.4	<b>1.4</b>
March	0.2	-0.3	2.4	-1.6	0.1	1.6	-0.4	-0.3	-0.2	<b>1.5</b>
June	0.4	0.8	-1.9	1.7	-0.3	-0.6	0.6	-0.1	0.3	<b>0.9</b>
1998–99										
September	0.7	0.2	0.9	-0.6	0.3	-0.4	0.1	0.0	-0.2	<b>1.0</b>

Source: Australian National Accounts: National Income, Expenditure and Product (5206.0).



TABLE 1.3. GROSS VALUE ADDED BY INDUSTRY AT BASIC PRICES(a)  
Chain Volume Measures, Reference year 1996-97

Period	Agriculture, forestry and fishing	Mining	Manufac- turing	Electricity, gas and water supply	Construct- ion	Wholesale trade	Retail trade	Accom- modation, cafes and restaurants	Transport and storage	Com- munication services
ANNUAL (\$ MILLION)										
1989-90	14,163	16,353	59,946	12,058	24,961	23,756	24,594	9,401	26,053	7,771
1990-91	15,125	17,392	58,682	12,314	23,335	21,703	24,129	9,287	26,233	8,199
1991-92	13,212	18,242	56,956	12,459	21,173	21,414	24,964	9,397	26,865	8,790
1992-93	15,668	18,351	58,335	12,689	22,366	21,586	25,394	9,355	27,041	9,818
1993-94	16,588	18,676	60,877	13,135	24,332	23,253	26,260	10,047	28,500	10,724
1994-95	11,725	19,962	62,258	13,494	25,526	25,981	27,594	10,949	30,074	11,993
1995-96	14,255	21,422	62,914	13,584	25,277	27,360	29,030	11,122	31,729	13,051
1996-97	16,895	22,561	64,900	13,867	26,754	28,611	29,299	10,919	32,414	14,473
1997-98	16,642	23,747	66,027	14,282	29,946	30,726	30,807	11,321	33,466	15,665
PERCENTAGE CHANGE FROM PREVIOUS YEAR										
1989-90	4.2	10.8	-1.2	5.1	2.3	2.1	3.8	4.7	2.2	11.8
1990-91	6.8	6.3	-2.1	2.1	-6.5	-8.6	-1.9	-1.2	0.7	5.5
1991-92	-12.6	4.9	-2.9	1.2	-9.3	-1.3	3.5	1.2	2.4	7.2
1992-93	18.6	0.6	2.4	1.8	5.6	0.8	1.7	-0.4	0.7	11.7
1993-94	5.9	1.8	4.4	3.5	8.8	7.7	3.4	7.4	5.4	9.2
1994-95	-29.3	6.9	2.3	2.7	4.9	11.7	5.1	9.0	5.5	11.8
1995-96	21.6	7.3	1.1	0.7	-1.0	5.3	5.2	1.6	5.5	8.8
1996-97	18.5	5.3	3.2	2.1	5.8	4.6	0.9	-1.8	2.2	10.9
1997-98	-1.5	5.3	1.7	3.0	11.9	7.4	5.1	3.7	3.2	8.2
SEASONALLY ADJUSTED (\$ MILLION)										
1996-97										
September	4,117	5,553	16,132	3,410	6,538	6,939	7,276	2,700	8,000	3,474
December	4,634	5,661	16,111	3,434	6,552	7,088	7,279	2,695	8,122	3,575
March	4,141	5,560	16,168	3,518	6,782	7,171	7,350	2,751	8,082	3,655
June	4,003	5,787	16,489	3,506	6,882	7,413	7,395	2,773	8,211	3,768
1997-98										
September	4,033	5,807	16,397	3,495	6,906	7,627	7,588	2,826	8,312	3,836
December	4,044	6,051	16,498	3,589	7,287	7,519	7,691	2,827	8,362	3,902
March	4,458	5,999	16,582	3,633	7,903	7,721	7,735	2,769	8,349	3,948
June	4,106	5,889	16,550	3,565	7,851	7,859	7,794	2,899	8,444	3,979
1998-99										
September	4,149	5,741	16,697	3,537	7,593	8,034	7,867	2,997	8,569	4,039
PERCENTAGE CHANGE FROM PREVIOUS QUARTER										
1997-98										
September	0.8	0.4	-0.6	-0.3	0.3	2.9	2.6	1.9	1.2	1.8
December	0.3	4.2	0.6	2.7	5.5	-1.4	1.4	0.0	0.6	1.7
March	10.2	-0.9	0.5	1.2	8.5	2.7	0.6	-2.1	-0.1	1.2
June	-7.9	-1.8	-0.2	-1.9	-0.7	1.8	0.8	4.7	1.1	0.8
1998-99										
September	1.0	-2.5	0.9	-0.8	-3.3	2.2	0.9	3.4	1.5	1.5

(a) Basic prices are the amounts received by producers, including the value of any subsidies on products, but before taxes on products.  
Source: Australian National Accounts: National Income, Expenditure and Product (5206.0).

TABLE 1.3 GROSS VALUE ADDED BY INDUSTRY AT BASIC PRICES(a)  
Chain Volume Measures, Reference year 1996-97 — continued

Period	Finance and insurance	Property and business services	Government adminis- tration and defence	Educational services	Health and community services	Cultural and recre- ational services	Personal and other services	Ownership of dwellings	Gross value added at basic prices	Taxes less subsidies on products	Statistical discre- pancy (P)	GDP
ANNUAL (\$ MILLION)												
1989-90	25,409	41,743	18,817	20,402	24,940	7,649	9,682	38,674	403,976	32,692	-356	436,317
1990-91	25,731	42,235	19,126	20,564	26,214	7,746	9,685	39,843	405,356	31,835	-2,323	434,852
1991-92	24,734	41,425	19,954	20,888	26,749	7,952	9,613	40,903	403,811	31,745	370	435,910
1992-93	25,275	45,070	20,437	22,415	27,298	8,063	9,852	42,142	419,220	32,836	262	452,307
1993-94	25,636	46,295	21,289	23,404	27,965	8,225	9,906	43,554	436,783	34,447	-269	470,931
1994-95	27,190	49,273	22,176	24,003	28,629	8,657	10,540	45,137	453,824	37,542	0	492,452
1995-96	29,296	51,975	22,535	24,310	29,935	8,948	11,200	46,748	473,823	39,201	0	514,118
1996-97	30,947	54,203	22,419	23,746	30,214	9,419	11,503	47,902	491,046	40,015	0	531,045
1997-98	32,305	59,618	22,758	23,420	31,534	9,936	12,063	49,200	513,463	42,752	-796	555,448
PERCENTAGE CHANGE FROM PREVIOUS YEAR												
1989-90	8.6	9.2	-2.0	6.6	2.6	2.0	7.0	3.7	3.9	2.7	n.a.	3.7
1990-91	1.3	1.2	1.6	0.8	5.1	1.3	0.0	3.0	0.3	-2.6		-0.3
1991-92	-3.9	-1.9	4.3	1.6	2.0	2.7	-0.7	2.7	-0.4	-0.3		0.2
1992-93	2.2	8.8	2.4	7.3	2.1	1.4	2.5	3.0	3.8	3.4		3.8
1993-94	1.4	2.7	4.2	4.4	2.4	2.0	0.5	3.3	4.2	4.9		4.1
1994-95	6.1	6.4	4.2	2.6	2.4	5.3	6.4	3.6	3.9	9.0		4.6
1995-96	7.7	5.5	1.6	1.3	4.6	3.4	6.3	3.6	4.4	4.4		4.4
1996-97	5.6	4.3	-0.5	-2.3	0.9	5.3	2.7	2.5	3.6	2.1		3.3
1997-98	4.4	10.0	1.5	-1.4	4.4	5.5	4.9	2.7	4.6	6.8		4.6
SEASONALLY ADJUSTED (\$ MILLION)												
1996-97												
September	7,598	13,108	5,551	5,932	7,373	2,319	2,870	11,884	120,736	9,915	584	131,233
December	7,693	13,286	5,582	5,995	7,393	2,346	2,863	11,949	122,297	9,953	-628	131,622
March	7,774	13,728	5,624	5,931	7,686	2,362	2,865	12,008	123,142	9,832	-184	132,793
June	7,883	14,081	5,662	5,888	7,763	2,392	2,905	12,061	124,870	10,315	462	135,646
1997-98												
September	7,924	14,709	5,682	5,812	7,845	2,437	2,962	12,143	126,339	10,594	-790	136,142
December	8,046	14,857	5,702	5,917	7,898	2,475	2,981	12,239	127,887	10,572	-375	138,084
March	8,161	14,739	5,729	5,814	7,834	2,502	3,024	12,348	129,247	10,599	332	140,178
June	8,174	15,314	5,645	5,877	7,957	2,522	3,096	12,471	129,991	10,986	442	141,419
1998-99												
September	8,374	15,367	5,624	5,898	7,855	2,538	3,139	12,583	130,601	11,070	1,219	142,890
PERCENTAGE CHANGE FROM PREVIOUS QUARTER												
1997-98												
September	0.5	4.5	0.3	-1.3	1.1	1.9	2.0	0.7	1.2	2.7	n.a.	0.4
December	1.5	1.0	0.4	1.8	0.7	1.6	0.6	0.8	1.2	-0.2		1.4
March	1.4	-0.8	0.5	-1.7	-0.8	1.1	1.4	0.9	1.1	0.3		1.5
June	0.2	3.9	-1.5	1.1	1.6	0.8	2.4	1.0	0.6	3.7		0.9
1998-99												
September	2.4	0.3	-0.4	0.4	-1.3	0.6	1.4	0.9	0.5	0.8		1.0

(a) Basic prices are the amounts received by producers, including the value of any subsidies on products, but before any taxes on products.  
(b) GDP at purchasers' (market) prices. Source: Australian National Accounts: National Income, Expenditure and Product (5206.0).

TABLE 1.4. INCOME COMPONENTS OF GROSS DOMESTIC PRODUCT ACCOUNT

Period	Gross operating surplus and mixed income					GDP at factor cost	Taxes less subsidies on production and imports	Statistical discrep- ancy	GDP
	Compensation of employees	Non-financial corporations		General government	Financial corporations				
		Private	Public						
ANNUAL (\$ MILLION)									
1989-90	184,515	55,139	15,782	7,377	3,207	340,502	43,283	-849	382,936
1990-91	192,300	52,527	17,421	7,850	7,736	351,387	43,357	749	395,493
1991-92	195,774	54,435	18,774	8,090	8,617	359,989	42,750	2,175	404,914
1992-93	202,656	58,882	19,447	8,353	10,946	378,737	44,180	2,924	425,841
1993-94	212,131	63,529	20,226	8,608	11,505	397,015	49,424	1,850	448,289
1994-95	226,904	67,788	21,288	8,840	9,469	418,714	54,749	0	473,463
1995-96	242,231	76,477	19,368	9,176	9,242	448,323	59,203	0	507,527
1996-97	258,759	76,761	19,592	9,418	8,665	469,295	61,749	0	531,045
1997-98	270,256	84,442	21,234	9,705	10,173	496,440	65,073	1,771	563,284
PERCENTAGE CHANGE FROM PREVIOUS YEAR									
1989-90	12.0	9.8		8.4	-41.4	9.3	8.1	n.a.	9.3
1990-91	4.2	-4.7	10.4	6.4	141.2	3.2	0.2		3.3
1991-92	1.8	3.6	7.8	3.1	11.4	2.4	-1.4		2.4
1992-93	3.5	8.2	3.6	3.3	27.0	5.2	3.3		5.2
1993-94	4.7	7.9	4.0	3.1	5.1	4.8	11.9		5.3
1994-95	7.0	6.7	5.3	2.7	-17.7	5.5	10.8		5.6
1995-96	6.8	12.8	-9.0	3.8	-2.4	7.1	8.1		7.2
1996-97	6.8	0.4	1.2	2.6	-6.2	4.7	4.3		4.6
1997-98	4.4	10.0	8.4	3.0	17.4	5.8	5.4		6.1
SEASONALLY ADJUSTED (\$ MILLION)									
1996-97									
September	64,037	18,821	4,933	2,331	2,155	116,238	14,942	-746	130,435
December	64,690	19,308	4,489	2,346	2,119	116,885	15,427	431	132,743
March	64,893	18,954	4,812	2,362	2,148	117,145	15,415	131	132,692
June	65,675	19,681	5,353	2,380	2,243	119,717	15,982	-267	135,433
1997-98									
September	66,163	20,204	5,120	2,400	2,426	120,963	16,329	652	137,944
December	67,516	20,330	5,373	2,418	2,521	122,920	16,434	769	140,123
March	68,057	21,466	5,553	2,435	2,590	125,433	16,048	265	141,745
June	69,171	22,548	5,208	2,453	2,636	127,813	16,274	-303	143,784
1998-99									
September	71,393	22,575	5,140	2,470	2,661	129,955	16,851	-814	145,993
PERCENTAGE CHANGE FROM PREVIOUS QUARTER									
1997-98									
September	0.7	2.7	-4.4	0.8	8.2	1.0	2.2	n.a.	1.9
December	2.0	0.6	4.9	0.7	3.9	1.6	0.6		1.6
March	0.8	5.6	3.4	0.7	2.7	2.0	-2.4		1.2
June	1.6	5.0	-6.2	0.7	1.8	1.9	1.4		1.4
1998-99									
September	3.2	0.1	-1.3	0.7	0.9	1.7	3.5		1.5

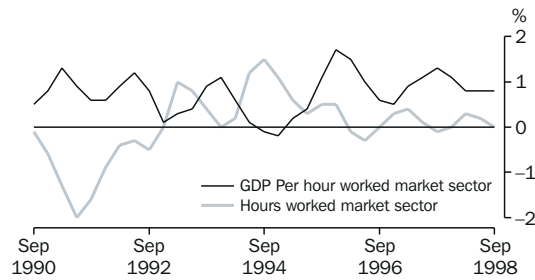
Source: Australian National Accounts: National Income, Expenditure and Product (5206.0).

TABLE 1.5. NATIONAL INCOME ACCOUNT

Period	Compensation of employees	Gross operating surplus and mixed income	Taxes less subsidies on production and imports	Net primary income receivable from non- residents	Net secondary income receivable from non- residents	Gross dispo- sable income	Final consump- tion expend- iture	Consump- tion of fixed capital	Net saving
ANNUAL (\$ MILLION)									
1989-90	184,515	155,987	43,283	-15,244	163	368,704	286,319	59,935	22,450
1990-91	192,300	159,087	43,357	-17,222	222	377,744	307,343	62,637	7,764
1991-92	195,774	164,215	42,750	-14,054	-134	388,551	324,191	64,943	-583
1992-93	202,656	176,081	44,180	-12,682	-350	409,885	338,821	68,505	2,559
1993-94	212,131	184,884	49,424	-13,696	-339	432,404	351,518	71,980	8,906
1994-95	226,904	191,810	54,749	-18,321	-528	454,614	370,901	73,689	10,024
1995-96	242,231	206,092	59,203	-19,874	54	487,706	395,493	76,184	16,029
1996-97	258,759	210,536	61,749	-19,044	26	512,026	409,589	79,287	23,150
1997-98	270,256	226,184	65,073	-19,096	-8	542,409	434,901	83,616	23,892
SEASONALLY ADJUSTED (\$ MILLION)									
1996-97									
September	64,037	52,202	14,942	-5,047	45	126,179	101,150	19,495	5,534
December	64,690	52,195	15,427	-4,428	30	127,914	101,725	19,688	6,501
March	64,893	52,253	15,415	-4,647	-27	127,886	102,793	19,919	5,174
June	65,675	54,042	15,982	-4,884	-17	130,799	104,003	20,185	6,611
1997-98									
September	66,163	54,800	16,329	-4,877	-54	132,361	106,506	20,521	5,334
December	67,516	55,404	16,434	-4,870	1	134,486	108,478	20,792	5,215
March	68,057	57,376	16,048	-4,874	-17	136,590	108,788	21,046	6,756
June	69,171	58,642	16,274	-4,539	61	139,609	111,123	21,257	7,229
1998-99									
September	71,393	58,562	16,851	-4,834	-160	141,813	113,293	21,539	6,981

Source: Australian National Accounts: National Income, Expenditure and Product (5206.0) and Balance of Payments and International Investment Position, Australia (5302.0).

LABOUR PRODUCTIVITY (PROXY) TREND,  
GDP Market sector, Chain volume measure—  
Quarterly % change



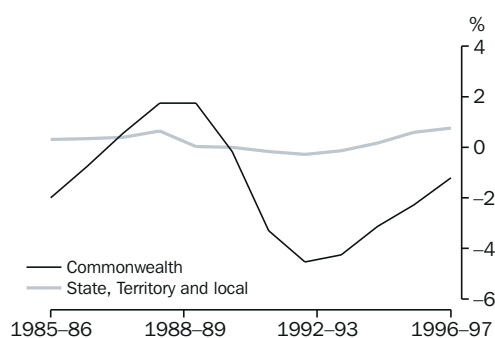
Source: ABS 5206.0, Quarterly data

TABLE 1.6. NATIONAL ACCOUNTS RATIOS AND INDEXES

Period	Ratios (per cent)					Indexes of gross product per hour worked and GDP per capita (1996-97 = 100.0) (a)			
	Private final demand to total domestic demand	Private non-farm inventories to sales (b)	Household saving ratio	Corporate gross operating surplus to GDPfc (c)	Compen- sation of employees to GDPfc (c)	Interest payable to household disposable income (d)	GDP per hour worked	Market sector gross product per hour worked (e)	GDP per capita
ANNUAL									
1989-90	75.8	1.1	7.9	16.2	54.2	12.1	87.3	83.1	89.2
1990-91	75.2	1.1	6.2	14.9	54.7	11.4	88.3	85.1	87.6
1991-92	74.8	1.0	5.2	15.1	54.4	8.3	90.8	88.0	86.8
1992-93	75.4	1.0	4.5	15.5	53.5	6.9	93.6	90.2	89.1
1993-94	76.2	1.0	4.1	16.0	53.4	6.3	95.2	92.6	91.8
1994-95	76.7	1.0	5.0	16.2	54.2	7.3	95.5	92.9	95.0
1995-96	77.0	1.0	5.1	17.1	54.0	8.2	97.4	96.6	97.8
1996-97	77.6	0.9	5.6	16.4	55.1	7.5	100.0	100.0	100.0
1997-98	78.2	0.9	3.4	17.0	54.4	6.8	103.4	104.3	102.6
SEASONALLY ADJUSTED UNLESS FOOTNOTED									
1996-97									
September	77.4	1.0	7.3	16.2	55.1	7.9	99.0	98.9	96.5
December	77.4	1.0	6.0	16.5	55.3	7.8	99.3	99.4	100.4
March	77.4	0.9	5.3	16.2	55.4	7.2	100.2	100.3	101.1
June	78.3	0.9	4.3	16.4	54.9	7.1	101.4	101.5	102.0
1997-98									
September	77.7	0.9	4.5	16.7	54.7	6.9	102.5	102.7	102.9
December	77.7	0.9	3.0	16.5	54.9	6.8	103.2	103.8	103.8
March	79.6	0.9	3.1	17.1	54.3	6.9	103.9	104.7	104.7
June	77.8	0.9	4.2	17.6	54.1	6.7	104.8	105.5	105.7
1998-99									
September	77.7	0.9	2.1	17.4	54.9	6.8	105.7	106.4	106.4

(a) : Trend data used instead of seasonally adjusted. (b) : Sales is defined as gross non-farm product plus imports of goods and services less changes in private non-farm inventories. (c) : Corporate gross operating surplus includes non-financial and financial corporations, GNPfc = Gross non-farm product at factor cost. (d) : Interest paid component contains original data. (e) : By convention, zero productivity growth is assumed for industries in the non-market sector (mainly government and some service industries). Therefore, a better indicator of productivity change is provided by the series showing market sector chain volume measure gross product per hour worked.  
Source: Australian National Accounts: National Income, Expenditure and Product (5206.0)

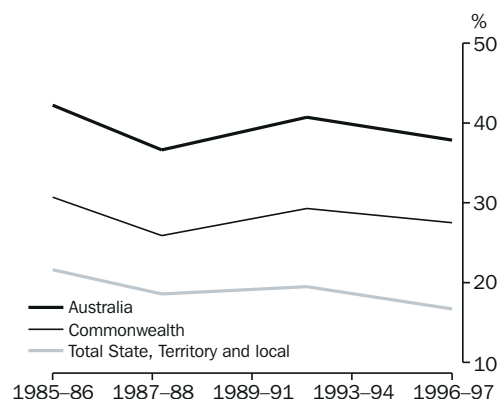
GENERAL GOVERNMENT DEFICIT/SURPLUS,  
AS A PERCENTAGE OF GDP



A negative percentage of GDP represents a general government deficit. A positive percentage of GDP represents a general government surplus.

Source: ABS 5512.0 Annual data

OUTLAYS, ALL AUSTRALIAN GOVERNMENTS,  
AS A PERCENTAGE OF GDP



Source: ABS 5512.0 Annual data

TABLE 1.7. CONSOLIDATED SECTOR FINANCING AND DEFICIT MEASURES

Period	Deficit/ Surplus (-)				Financing transactions of all Australian governments and universities consolidated	
	General government		All Australian governments and universities		Net borrowings	Other financing
	Commonwealth	All Australian governments and universities	Public trading enterprises	Consolidated		
ANNUAL (\$ MILLION)						
1991-92	12,686	16,290	-57	16,280	21,128	1,636
1992-93	18,301	20,985	-1,381	19,621	22,559	3,114
1993-94	18,222	18,635	-4,001	14,648	17,005	3,075
1994-95	14,278	13,365	-3,490	9,756	9,673	7,705
1995-96	11,044	7,937	232	7,568	-9,856	24,387
1996-97	6,128	2,318	-1,310	674	-6,721	13,752

Source: Government Financial Statistics, Australia (5512.0) and Public Finance Section ABS.

TABLE 1.8. SELECTED PUBLIC SECTOR AGGREGATES AS A PERCENTAGE OF GROSS DOMESTIC PRODUCT

Period	General government								Deficit
	Outlays					Revenue			
	Current	Capital	Total			Commonwealth	State and local	Universities	
			Commonwealth	State and local	Universities				
ANNUAL									
1991-92	33.6	3.0	27.2	17.4	1.0	24.3	16.5	1.0	4.2
1992-93	34.0	2.9	27.7	17.1	1.0	23.5	16.4	1.1	5.2
1993-94	34.0	2.6	27.5	16.0	1.0	23.5	15.9	1.1	4.3
1994-95	33.3	2.5	27.1	15.4	1.0	24.2	15.6	1.0	2.9
1995-96	33.3	2.4	27.1	15.0	1.0	25.1	15.6	1.0	1.6
1996-97	33.1	2.6	26.7	15.0	1.0	25.7	15.8	1.0	0.5

Source: Government Financial Statistics, Australia (5512.0) and Public Finance Section ABS.

## 2

# INTERNATIONAL ACCOUNTS

---

### TABLES

2.1	Balance of payments, current account . . . . .	24
2.2	Balance of payments, capital and financial account, net errors and omissions . . . . .	25
2.3	International trade in goods and services, chain volume measures . . . . .	26
2.4	International trade in goods and services . . . . .	27
2.5	Goods credits by commodity group . . . . .	28
2.6	Goods debits by commodity group . . . . .	29
2.7	Services . . . . .	30
2.8	Investment income . . . . .	31
2.9	International investment position . . . . .	31
2.10	International investment position by type of capital . . . . .	32
2.11	Balance of payments and international investment position ratios . . . . .	33
2.12	Merchandise trade by selected countries and country groups . . . . .	34
2.13	Merchandise trade shares by selected countries and country groups . . . . .	35
2.14	Merchandise trade by selected countries of the Association of South East Asian Nations . . . . .	36
2.15	Merchandise trade shares by selected countries of the Association of South East Asian Nations . . . . .	37
2.16	Merchandise trade by selected countries of the European Union . . . . .	38
2.17	Merchandise trade shares by selected countries of the European Union . . . . .	39

---

### RELATED PUBLICATIONS

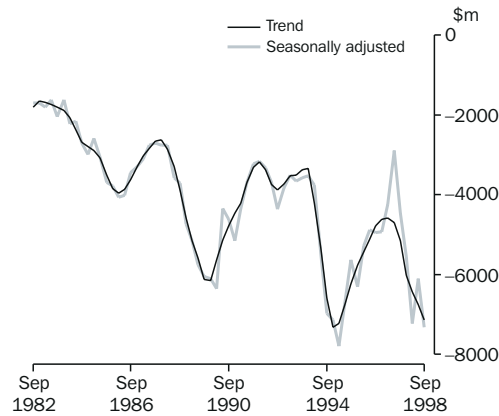
*Australian National Accounts: National Income, Expenditure and Product (5206.0)*

*Balance of Payments and International Investment Position, Australia (5302.0)*

*International Trade in Goods and Services, Australia (5368.0)*

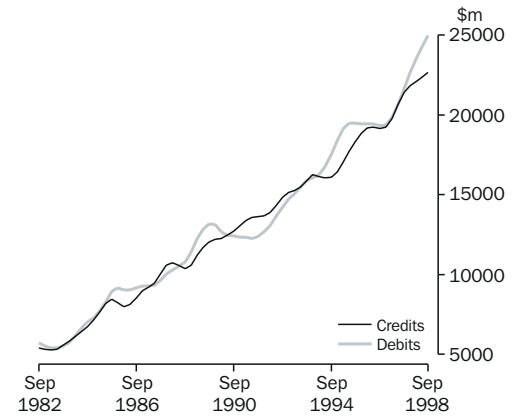
**INTERNATIONAL ACCOUNTS**

**BALANCE ON CURRENT ACCOUNT**



Source: ABS 5302.0, Quarterly data

**GOODS, Trend**



Source: ABS 5302.0, Quarterly data

**TABLE 2.1. BALANCE OF PAYMENTS, CURRENT ACCOUNT**

Period	Balance on current account	Balance on goods and services	Goods	Goods credits	Goods debits	Services	Income	Current transfers
ANNUAL (\$ MILLION)(a)								
1989-90	-22,953	-7,872	-2,399	48,927	-51,326	-5,473	-15,244	163
1990-91	-17,689	-689	2,887	52,568	-49,681	-3,576	-17,222	222
1991-92	-13,377	811	3,958	55,427	-51,469	-3,147	-14,054	-134
1992-93	-15,210	-2,178	700	60,634	-59,934	-2,878	-12,682	-350
1993-94	-16,416	-2,381	-444	64,419	-64,863	-1,937	-13,696	-339
1994-95	-28,849	-10,000	-8,216	67,101	-75,317	-1,784	-18,321	-528
1995-96	-21,803	-1,983	-1,583	76,146	-77,729	-400	-19,874	54
1996-97	-17,233	1,785	1,496	80,934	-79,438	289	-19,044	26
1997-98	-23,264	-4,160	-3,546	88,509	-92,055	-614	-19,096	-8
SEASONALLY ADJUSTED (\$ MILLION)(b)								
1996-97								
September	-4,945	57	-37	18,961	-18,998	94	-5,047	45
December	-4,933	-534	-548	19,125	-19,674	14	-4,428	30
March	-4,240	434	299	20,002	-19,703	135	-4,647	-27
June	-2,888	2,013	1,909	22,700	-20,791	104	-4,884	-17
1997-98								
September	-4,467	464	311	22,146	-21,835	153	-4,877	-54
December	-5,544	-674	-218	22,346	-22,564	-456	-4,870	1
March	-7,230	-2,339	-2,194	21,436	-23,630	-145	-4,874	-17
June	-6,095	-1,617	-1,492	22,716	-24,207	-126	-4,539	61
1998-99								
September	-7,315	-2,321	-2,229	22,741	-24,970	-92	-4,834	-160

(a) : The estimates for goods and services are not necessarily consistent with the corresponding monthly estimates, shown in Tables 2.4 to 2.7 obtained from *International Trade in Goods and Services, Australia* (5368.0) — issued monthly, due to data revisions to the original monthly data not feeding into the quarterly original series until the next quarterly release of *Balance of Payments and International Investment Position, Australia* (5302.0). (b) : In addition to the differences outlined in footnote (a), the quarterly seasonally adjusted estimates for goods and services are not necessarily consistent with the corresponding monthly seasonally adjusted estimates, shown in Table 2.1 obtained from *International Trade in Goods and Services, Australia* (5368.0) — issued monthly, because of the independent seasonal adjustment of the monthly and quarterly data. Source: *Balance of Payments and International Investment Position, Australia* (5302.0).

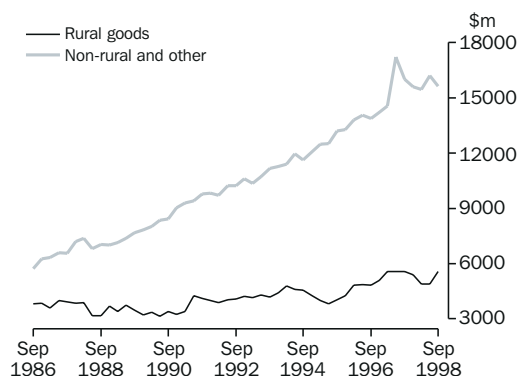


TABLE 2.2. BALANCE OF PAYMENTS, CAPITAL AND FINANCIAL ACCOUNT, NET ERRORS AND OMISSIONS

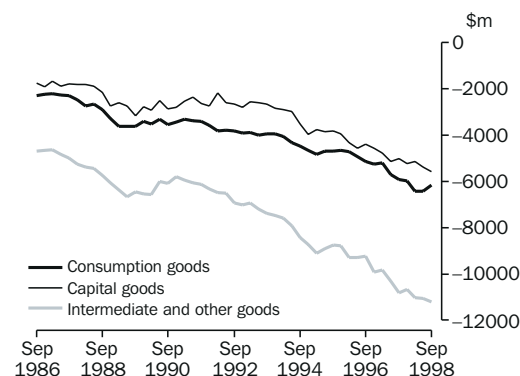
INTERNATIONAL  
ACCOUNTS

Period	Capital and financial account	Capital account	Financial account	Direct investment net	Direct investment abroad	Direct investment in Australia	Portfolio investment	Other investment	Reserve assets	Net errors and omissions
ANNUAL (\$ MILLION)										
1989-90	21,651	1,963	19,688	4,696	-2,568	7,264	16,953	195	-2,156	1,302
1990-91	17,654	2,078	15,576	7,268	47	7,221	6,544	3,173	-1,409	35
1991-92	13,474	2,079	11,395	2,445	-4,738	7,183	1,030	3,991	3,929	-97
1992-93	14,741	571	14,170	2,302	-6,345	8,647	6,749	1,186	3,933	469
1993-94	14,645	317	14,328	997	-3,910	4,907	18,443	-4,075	-1,037	1,771
1994-95	28,610	572	28,038	4,080	-3,429	7,509	18,378	3,609	1,971	239
1995-96	21,914	1,074	20,840	5,067	-7,935	13,002	25,661	-9,071	-817	-111
1996-97	18,566	1,317	17,249	5,173	-5,830	11,003	13,378	3,922	-5,224	-1,333
1997-98	23,929	1,127	22,802	5,584	-3,145	8,729	18,098	-296	-584	-665
QUARTERLY ORIGINAL (\$ MILLION)										
1996-97										
September	6,497	391	6,106	1,729	-1,210	2,939	5,441	1,902	-2,966	-52
December	5,061	323	4,738	1,269	-1,986	3,255	5,856	-2,106	-281	-160
March	3,831	385	3,446	-109	-1,183	1,074	6,665	-2,519	-591	-786
June	3,177	218	2,959	2,284	-1,451	3,735	-4,584	6,645	-1,386	-335
1997-98										
September	5,429	339	5,090	1,661	-4,259	5,920	7,247	-2,359	-1,459	250
December	5,684	269	5,415	775	-797	1,572	6,716	-745	-1,331	-249
March	6,058	269	5,789	-1,200	-2,248	1,048	5,673	-1,890	3,206	-99
June	6,758	250	6,508	4,348	4,159	189	-1,538	4,698	-1,000	-567
1998-99										
September	8,733	262	8,471	2,717	-952	3,669	3,086	821	1,847	-197

Source: *Balance of Payments and International Investment Position, Australia* (5302.0)

**INTERNATIONAL ACCOUNTS**
**COMPONENTS OF GOODS CREDITS,**  
Chain volume measures (reference year 1996-97)—  
Seasonally adjusted


Source: ABS 5302.0, Quarterly data

**COMPONENTS OF GOODS DEBITS,**  
Chain volume measures (reference year 1996-97)—  
Seasonally adjusted


Source: ABS 5302.0, Quarterly data

**TABLE 2.3. INTERNATIONAL TRADE IN GOODS AND SERVICES, CHAIN VOLUME MEASURES**  
(Reference year, 1996-97)

Period	Credits						Debits					
	Balance on goods and services	Total goods and services	Total goods	Rural goods	Non-rural and other goods	Services	Total goods and services	Total goods	Consumption goods	Capital goods	Intermediate and other goods	Services
ANNUAL (\$ MILLION)												
1989-90	-12,545	58,192	45,075	13,188	31,989	13,187	-70,735	-50,758	-13,859	-11,334	-25,682	-20,423
1990-91	-1,711	64,875	50,509	14,301	36,319	14,395	-66,584	-48,144	-13,690	-10,570	-24,094	-18,793
1991-92	1,766	70,681	55,530	16,031	39,672	15,135	-68,916	-50,173	-14,605	-10,137	-25,801	-19,064
1992-93	2,174	75,341	58,650	16,720	42,092	16,691	-73,167	-54,266	-15,603	-10,607	-28,502	-19,146
1993-94	4,564	82,593	63,739	17,960	45,934	18,887	-78,029	-57,988	-16,276	-11,366	-30,799	-20,289
1994-95	-4,363	86,492	65,298	16,608	48,718	21,269	-90,855	-68,901	-18,659	-15,092	-35,327	-22,098
1995-96	990	95,464	72,275	17,966	54,349	23,262	-94,475	-71,760	-18,987	-16,650	-36,148	-22,755
1996-97	1,786	105,331	80,934	21,045	59,889	24,396	-103,545	-79,438	-21,293	-18,885	-39,261	-24,107
1997-98	-4,004	109,299	84,073	20,772	63,302	25,224	-113,302	-89,043	-24,719	-20,771	-43,554	-24,256
PERCENTAGE CHANGE FROM PREVIOUS YEAR												
1989-90	na	5.0	5.8	-5.9	11.9	1.7	5.4	4.7	3.3	10.7	2.5	7.8
1990-91		11.5	12.1	8.4	13.5	9.2	-5.9	-5.1	-1.2	-6.7	-6.2	-8.0
1991-92		8.9	9.9	12.1	9.2	5.1	3.5	4.2	6.7	-4.1	7.1	1.4
1992-93		6.6	5.6	4.3	6.1	10.3	6.2	8.2	6.8	4.6	10.5	0.4
1993-94		9.6	8.7	7.4	9.1	13.2	6.6	6.9	4.3	7.2	8.1	6.0
1994-95		4.7	2.4	-7.5	6.1	12.6	16.4	18.8	14.6	32.8	14.7	8.9
1995-96		10.4	10.7	8.2	11.6	9.4	4.0	4.1	1.8	10.3	2.3	3.0
1996-97		10.3	12.0	17.1	10.2	4.9	9.6	10.7	12.1	13.4	8.6	5.9
1997-98		3.8	3.9	-1.3	5.7	3.4	9.4	12.1	16.1	10.0	10.9	0.6
SEASONALLY ADJUSTED (\$ MILLION)												
1996-97												
September	82	24,727	18,731	4,839	13,900	6,010	-24,645	-18,742	-5,129	-4,391	-9,223	-5,916
December	-504	25,268	19,284	5,076	14,207	5,989	-25,772	-19,729	-5,259	-4,561	-9,917	-6,039
March	474	26,255	20,123	5,569	14,536	6,135	-25,781	-19,815	-5,204	-4,793	-9,811	-5,964
June	1,733	29,080	22,797	5,561	17,246	6,262	-27,347	-21,152	-5,701	-5,138	-10,310	-6,189
1997-98												
September	92	28,060	21,587	5,574	16,013	6,473	-27,968	-21,764	-5,918	-5,031	-10,815	-6,204
December	-955	27,121	20,991	5,394	15,597	6,129	-28,076	-21,867	-5,968	-5,240	-10,659	-6,209
March	-1,921	26,615	20,367	4,897	15,470	6,248	-28,536	-22,559	-6,409	-5,128	-11,022	-5,977
June	-1,218	27,502	21,127	4,906	16,222	6,375	-28,721	-22,854	-6,424	-5,373	-11,057	-5,867
1998-99												
September	-1,004	27,696	21,238	5,577	15,662	6,458	-28,700	-22,945	-6,157	-5,588	-11,200	-5,756
PERCENTAGE CHANGE FROM PREVIOUS QUARTER												
1997-98												
September	na	-3.5	-5.3	0.2	-7.1	3.4	2.3	2.9	3.8	-2.1	4.9	0.2
December		-3.3	-2.8	-3.2	-2.6	-5.3	0.4	0.5	0.8	4.2	-1.4	0.1
March		-1.9	-3.0	-9.2	-0.8	1.9	1.6	3.2	7.4	-2.1	3.4	-3.7
June		3.3	3.7	0.2	4.9	2.0	0.6	1.3	0.2	4.8	0.3	-1.8
1998-99												
September		0.7	0.5	13.7	-3.5	1.3	-0.1	0.4	-4.2	4.0	1.3	-1.9

Source: Balance of Payments and International Investment Position, Australia (5302.0).

TABLE 2.4. INTERNATIONAL TRADE IN GOODS AND SERVICES

Period	Credits						Debits					
	Balance on goods and services	Total goods and services	Total goods	Rural goods(a)	Non-rural and other goods(a)	Services	Total goods and services	Total goods	Consumption goods	Capital goods	Intermediate and other goods	Services
ANNUAL (\$ MILLION)(b)												
1989-90	-7,872	60,899	48,927	14,240	34,687	11,972	-68,771	-51,326	-12,178	-13,077	-26,071	-17,445
1990-91	-689	66,259	52,568	13,074	39,494	13,691	-66,948	-49,681	-12,305	-12,317	-25,059	-17,267
1991-92	811	70,080	55,427	14,856	40,571	14,653	-69,269	-51,469	-13,669	-11,897	-25,903	-17,800
1992-93	-2,178	76,899	60,634	16,008	44,626	16,265	-79,077	-59,934	-15,926	-13,655	-30,353	-19,143
1993-94	-2,381	83,015	64,419	17,130	47,289	18,596	-85,396	-64,863	-17,233	-14,843	-32,787	-20,533
1994-95	-10,000	87,654	67,101	17,315	49,786	20,553	-97,654	-75,317	-19,418	-18,541	-37,358	-22,337
1995-96	-1,983	99,095	76,146	19,588	56,558	22,949	-101,078	-77,729	-19,860	-19,183	-38,686	-23,349
1996-97	1,785	105,330	80,934	21,045	59,889	24,396	-103,545	-79,438	-21,293	-18,884	-39,261	-24,107
1997-98	-4,307	114,203	88,538	22,130	66,408	25,665	-118,510	-92,084	-25,899	-21,168	-45,017	-26,426
PERCENTAGE CHANGE FROM PREVIOUS YEAR												
1989-90	na	10.0	10.7	-5.9	19.4	7.2	10.4	8.7	6.2	13.3	7.6	15.8
1990-91		8.8	7.4	-8.2	13.9	14.4	-2.7	-3.2	1.0	-5.8	-3.9	-1.0
1991-92		5.8	5.4	13.6	2.7	7.0	3.5	3.6	11.1	-3.4	3.4	3.1
1992-93		9.7	9.4	7.8	10.0	11.0	14.2	16.4	16.5	14.8	17.2	7.5
1993-94		8.0	6.2	7.0	6.0	14.3	8.0	8.2	8.2	8.7	8.0	7.3
1994-95		5.6	4.2	1.1	5.3	10.5	14.4	16.1	12.7	24.9	13.9	8.8
1995-96		13.1	13.5	13.1	13.6	11.7	3.5	3.2	2.3	3.5	3.6	4.5
1996-97		6.3	6.3	7.4	5.9	6.3	2.4	2.2	7.2	-1.6	1.5	3.2
1997-98		8.4	9.4	5.2	10.9	5.2	14.5	15.9	21.6	12.1	14.7	9.6
SEASONALLY ADJUSTED (\$ MILLION)(c)												
1997-98												
October	-130	9,445	7,322	1,920	5,402	2,123	-9,575	-7,332	-2,059	-1,716	-3,557	-2,243
November	214	9,748	7,630	1,948	5,682	2,118	-9,534	-7,315	-2,037	-1,674	-3,603	-2,219
December	-617	9,523	7,492	1,962	5,530	2,031	-10,140	-7,917	-2,183	-1,841	-3,894	-2,223
January	-659	9,263	7,149	1,819	5,329	2,114	-9,922	-7,734	-2,280	-1,738	-3,716	-2,188
February	-510	9,443	7,316	1,751	5,565	2,127	-9,952	-7,783	-2,209	-1,780	-3,794	-2,169
March	-1,064	9,198	7,107	1,634	5,473	2,091	-10,262	-8,061	-2,277	-1,879	-3,905	-2,202
April	-618	9,592	7,428	1,699	5,728	2,165	-10,210	-7,991	-2,293	-1,839	-3,859	-2,219
May	-608	9,656	7,465	1,764	5,701	2,190	-10,264	-8,015	-2,280	-1,990	-3,746	-2,249
June	-727	9,908	7,717	1,865	5,852	2,191	-10,635	-8,402	-2,384	-1,806	-4,212	-2,233
1998-99												
July	-1,002	9,681	7,344	1,836	5,508	2,337	-10,683	-8,370	-2,253	-1,976	-4,140	-2,313
August	-544	10,035	7,788	2,034	5,754	2,247	-10,578	-8,199	-2,294	-1,919	-3,986	-2,379
September	-997	9,719	7,479	2,060	5,419	2,240	-10,716	-8,386	-2,357	-2,024	-4,005	-2,330
October	-1,221	9,825	7,616	1,770	5,846	2,208	-11,046	-8,619	-2,362	-1,840	-4,417	-2,427
November	-1,021	9,455	7,306	1,763	5,543	2,149	-10,477	-8,131	-2,220	-1,805	-4,106	-2,346
December	-508	9,502	7,426	1,947	5,479	2,076	-10,010	-7,739	-2,228	-1,646	-3,865	-2,270
PERCENTAGE CHANGE FROM PREVIOUS MONTH												
1997-98												
June	na	2.6	3.4	5.7	2.7	0.0	3.6	4.8	4.6	-9.3	12.4	-0.7
1998-99												
July		-2.3	-4.8	-1.6	-5.9	6.7	0.5	-0.4	-5.5	9.5	-1.7	3.6
August		3.6	6.0	10.8	4.5	-3.9	-1.0	-2.0	1.8	-2.9	-3.7	2.8
September		-3.1	-4.0	1.3	-5.8	-0.3	1.3	2.3	2.7	5.5	0.5	-2.1
October		1.1	1.8	-14.1	7.9	-1.4	3.1	2.8	0.2	-9.1	10.3	4.2
November		-3.8	-4.1	-0.4	-5.2	-2.7	-5.2	-5.7	-6.0	-1.9	-7.0	-3.3
December		0.5	1.6	10.5	-1.2	-3.4	-4.5	-4.8	0.4	-8.8	-5.9	-3.2

(a) : For all time periods, estimates for *Sugar, sugar preparations and honey* are included in *Other non-rural*. (b) : The estimates for goods and services are not necessarily consistent with the corresponding quarterly estimates, shown in Table 2.1 obtained from *Balance of Payments and International Investment Position, Australia* (5302.0), due to data revisions to the original monthly data not feeding into the quarterly original series until the next quarterly release of *Balance of Payments and International Investment Position, Australia* (5302.0). (c) : In addition to the differences outlined in footnote (a), the monthly seasonally adjusted estimates for goods and services are not necessarily consistent with the corresponding quarterly seasonally adjusted estimates, shown in Table 2.1 obtained from *Balance of Payments and International Investment Position, Australia* (5302.0), because of the independent seasonal adjustment of the monthly and quarterly data. Source: *International Trade in Goods and Services, Australia* (5368.0).

TABLE 2.5. GOODS CREDITS BY COMMODITY GROUP

Period	Rural						Manufacturing				
	Total goods	Total rural(a)	Meat and meat preparations	Cereal grains and cereal preparations	Sugar, sugar preparations and honey(a)	Wool and sheepskins	Other rural	Total manufacturing	Machinery	Transport equipment	Manufactures n.e.s.
ORIGINAL (\$ MILLION)(b)											
1989-90	48,927	14,240	2,936	3,288	na	3,753	4,263	7,707	2,468	1,178	4,061
1990-91	52,568	13,074	3,173	2,436		2,887	4,578	9,385	3,123	1,907	4,355
1991-92	55,427	14,856	3,434	2,352		3,829	5,241	10,394	3,471	1,655	5,268
1992-93	60,634	16,008	3,750	2,954		3,367	5,937	12,392	4,344	2,022	6,026
1993-94	64,419	17,130	4,043	3,205		3,369	6,513	14,346	5,293	2,087	6,966
1994-95	67,101	17,315	3,654	2,523		4,216	6,922	15,989	6,035	2,047	7,907
1995-96	76,146	19,588	3,292	4,926		3,664	7,706	18,374	7,119	2,500	8,755
1996-97	80,934	21,045	2,957	5,954		3,744	8,390	19,758	7,001	3,649	9,108
1997-98	88,538	22,130	3,731	5,094		4,020	9,285	20,795	7,549	3,412	9,834
1997-98											
October	7,632	1,943	344	385	na	411	803	1,808	658	279	871
November	7,721	1,969	332	439		437	761	1,890	679	329	882
December	7,825	2,127	342	549		429	807	1,885	773	287	825
January	6,367	1,677	220	520		299	638	1,194	424	167	603
February	6,722	1,687	302	417		325	643	1,514	557	217	740
March	7,313	1,779	334	387		312	746	1,717	628	232	857
April	7,211	1,727	274	454		277	722	1,564	533	324	707
May	7,890	1,946	358	379		291	918	1,930	661	386	883
June	7,675	1,888	342	427		236	883	1,809	596	384	829
1998-99											
July	7,474	1,757	339	321		240	857	1,607	560	247	800
August	7,761	1,816	313	492		197	814	1,774	588	295	891
September	7,608	1,929	366	430		250	883	1,752	575	278	899
October	7,828	1,764	351	311		249	853	1,750	576	278	896
November	7,282	1,759	351	361		234	813	1,768	564	343	861
December	7,770	2,110	361	530		244	975	1,807	640	305	862
Minerals and metals(c)											
Period	Total minerals and metals	Metal ores and minerals	Coal, coke and briquettes	Other mineral fuels	Other metals	Other non-rural(a)	Other goods(d)				
ORIGINAL (\$ MILLION)(b)											
1989-90	20,250	7,600	5,932	2,068	4,650	2,603	4,127				
1990-91	23,369	8,557	6,480	3,595	4,737	2,191	4,549				
1991-92	22,991	7,938	6,949	3,402	4,702	2,028	5,158				
1992-93	24,686	7,943	7,620	3,913	5,210	2,356	5,192				
1993-94	23,671	7,671	7,253	3,351	5,396	3,154	6,118				
1994-95	24,795	7,968	6,936	3,794	6,097	3,440	5,562				
1995-96	27,895	9,088	7,843	4,165	6,799	3,752	6,537				
1996-97	28,620	9,407	8,005	5,154	6,054	3,956	7,555				
1997-98	32,915	10,835	9,586	5,309	7,185	4,731	7,967				
1997-98											
October	2,758	907	744	511	596	530	593				
November	2,791	895	783	469	644	454	617				
December	2,976	969	879	522	606	288	549				
January	2,689	840	869	398	582	289	518				
February	2,542	813	766	427	536	297	682				
March	2,693	930	717	391	655	368	756				
April	2,781	984	807	404	586	406	733				
May	2,869	957	850	375	687	343	802				
June	2,885	995	860	399	631	390	703				
1998-99											
July	2,740	839	829	390	682	470	900				
August	2,985	1,070	843	474	598	424	762				
September	2,856	945	890	408	613	470	601				
October	2,770	1,007	815	402	546	520	1,024				
November	2,658	1,011	764	335	548	413	684				
December	2,928	1,104	849	403	572	344	581				

(a) : For all time periods, estimates for *Sugar, sugar preparations and honey* are included in *Other non-rural*. (b) : The estimates for goods are not necessarily consistent with the corresponding quarterly estimates, shown in Table 2.1 obtained from *Balance of Payments and International Investment Position, Australia* (5302.0) due to data revisions to the original monthly data not feeding into the quarterly original series until the next quarterly release of *Balance of Payments and International Investment Position, Australia* (5302.0). (c) : Excluding non-monetary gold. (d) Includes Goods for processing; Repairs on goods; Goods procured in ports by carriers; and Non-monetary gold. Source: *International Trade in Goods and Services, Australia* (5368.0).

TABLE 2.6. GOODS DEBITS BY COMMODITY GROUP

Period	Consumption goods							Capital goods				
	Total consump- tion goods	Food and beverages mainly for consump- tion		Non- industrial transport equipment	Textiles, clothing and footwear	Toys, books and leisure goods	Other consump- tion goods(a)	Total capital goods	Machinery and industrial equip- ment	ADP equip- ment	Industrial transport equip- ment n.e.s.	Other capital goods(b)
ORIGINAL (\$ MILLION)(a)												
1989-90	-51,326	-12,178	-1,796	-2,477	-1,551	-1,695	-4,659	-13,077	-5,248	-1,997	-1,714	-4,118
1990-91	-49,681	-12,305	-1,923	-2,466	-1,623	-1,741	-4,552	-12,317	-4,488	-1,880	-1,605	-4,344
1991-92	-51,469	-13,669	-2,028	-2,777	-1,799	-2,015	-5,050	-11,897	-4,320	-1,915	-1,240	-4,422
1992-93	-59,934	-15,926	-2,261	-3,478	-2,178	-2,238	-5,771	-13,655	-5,446	-2,319	-1,838	-4,052
1993-94	-64,863	-17,233	-2,430	-3,800	-2,320	-2,496	-6,187	-14,843	-6,414	-2,629	-2,084	-3,716
1994-95	-75,317	-19,418	-2,592	-4,758	-2,566	-2,545	-6,957	-18,541	-7,897	-3,232	-2,714	-4,698
1995-96	-77,729	-19,860	-2,760	-4,436	-2,726	-2,534	-7,404	-19,183	-8,326	-3,593	-2,214	-5,050
1996-97	-79,438	-21,293	-2,879	-5,143	-2,880	-2,567	-7,824	-18,884	-8,020	-3,719	-2,178	-4,967
1997-98	-92,084	-25,899	-3,282	-7,102	-3,456	-2,956	-9,103	-21,168	-8,862	-4,345	-2,560	-5,401
October	-8,020	-2,405	-314	-600	-283	-316	-892	-1,863	-747	-359	-286	-471
November	-7,285	-2,111	-296	-501	-257	-265	-792	-1,659	-688	-337	-203	-431
December	-7,865	-2,243	-299	-631	-281	-248	-784	-1,915	-833	-353	-204	-525
January	-7,218	-2,036	-256	-633	-319	-199	-629	-1,580	-725	-324	-193	-338
February	-6,942	-1,947	-246	-499	-342	-196	-664	-1,481	-616	-293	-215	-357
March	-8,340	-2,279	-285	-685	-316	-226	-767	-1,866	-755	-432	-216	-463
April	-7,677	-2,089	-246	-622	-253	-215	-753	-1,829	-735	-365	-254	-475
May	-7,590	-2,029	-251	-558	-245	-229	-746	-1,901	-756	-378	-201	-566
June	-8,474	-2,276	-294	-679	-236	-270	-797	-2,019	-795	-455	-258	-511
1998-99												
July	-9,028	-2,486	-285	-621	-394	-311	-875	-2,055	-887	-366	-235	-567
August	-8,264	-2,414	-274	-593	-360	-303	-884	-1,910	-827	-356	-199	-528
September	-8,734	-2,524	-316	-573	-345	-320	-970	-2,067	-894	-376	-188	-609
October	-9,076	-2,676	-346	-689	-311	-342	-988	-1,955	-887	-341	-265	-462
November	-8,366	-2,425	-343	-538	-284	-298	-962	-1,860	-824	-365	-195	-476
December	-7,876	-2,302	-341	-559	-279	-256	-867	-1,805	-750	-359	-221	-475
Intermediate and other merchandise goods												
Period	Total inter- mediate and other merchan- dise goods	Other parts for capital goods			Organic and inorganic chemicals	Textile yarn and fabric	Processed industrial supplies n.e.s.	Plastics	Other(c)	Other goods(d)		
		Fuels and lubricants	Parts for transport equipment	Parts for ADP equipment								
ORIGINAL (\$ MILLION)(a)												
1989-90	-25,302	-2,338	-3,275	-1,073	-3,717	-1,828	-1,588	-1,122	-6,067	-4,294	-769	
1990-91	-23,820	-2,977	-3,028	-1,109	-3,426	-1,675	-1,516	-1,036	-5,639	-3,414	-1,239	
1991-92	-24,308	-2,715	-2,941	-1,278	-3,580	-1,804	-1,680	-1,086	-5,890	-3,334	-1,595	
1992-93	-28,667	-3,623	-3,675	-1,423	-4,236	-2,056	-1,763	-1,272	-6,971	-3,648	-1,686	
1993-94	-31,160	-3,317	-4,183	-1,681	-5,047	-2,102	-1,869	-1,375	-7,586	-4,000	-1,627	
1994-95	-35,661	-3,566	-4,714	-1,858	-5,975	-2,431	-2,036	-1,646	-8,290	-5,145	-1,697	
1995-96	-36,964	-4,163	-4,600	-1,857	-6,393	-2,754	-1,922	-1,685	-8,398	-5,192	-1,722	
1996-97	-37,028	-5,004	-4,609	-1,759	-6,507	-2,743	-1,817	-1,577	-8,212	-4,800	-2,233	
1997-98	-40,454	-4,276	-5,346	-1,993	-7,193	-2,814	-2,005	-1,814	-9,431	-5,582	-4,563	
1997-98												
October	-3,493	-394	-440	-155	-639	-242	-173	-168	-818	-464	-259	
November	-3,294	-409	-374	-152	-589	-250	-165	-151	-740	-464	-221	
December	-3,418	-359	-461	-162	-674	-219	-158	-141	-775	-469	-289	
January	-3,382	-426	-413	-160	-566	-216	-175	-152	-802	-472	-220	
February	-3,122	-276	-410	-144	-532	-249	-155	-140	-748	-468	-392	
March	-3,682	-395	-488	-194	-634	-311	-168	-162	-835	-495	-513	
April	-3,328	-240	-463	-192	-602	-254	-150	-148	-818	-461	-431	
May	-3,224	-304	-447	-171	-579	-184	-163	-149	-793	-434	-436	
June	-3,601	-325	-528	-201	-636	-249	-183	-154	-827	-498	-578	
1998-99												
July	-3,927	-364	-532	-176	-814	-236	-212	-158	-884	-551	-560	
August	-3,540	-338	-488	-188	-616	-235	-175	-148	-812	-540	-400	
September	-3,695	-337	-490	-149	-664	-235	-181	-166	-894	-579	-448	
October	-3,823	-326	-518	-143	-712	-348	-177	-179	-904	-516	-622	
November	-3,665	-448	-501	-153	-661	-211	-171	-167	-826	-527	-416	
December	-3,613	-372	-518	-163	-604	-315	-143	-164	-818	-516	-156	

(a) : Includes Consumption goods n.e.s. and Household electrical items. (b) : Includes Capital goods n.e.s. Telecommunications equipment and Civil aircraft. (c) : Includes Other merchandise goods; Food and beverages, mainly for industry; Primary industrial supplies n.e.s.; Paper and paperboard and Iron and steel. (d) : Includes goods for processing; Repairs on goods; Goods procured in ports by carriers; and Non-monetary gold. (e) : The estimates for goods are not necessarily consistent with the corresponding quarterly estimates, shown in Table 2.1 obtained from *Balance of Payments and International Investment Position, Australia* (5302.0) due to data revisions to the original monthly data not feeding into the quarterly original series until the next quarterly release of *Balance of Payments and International Investment Position, Australia* (5302.0). Source: *International Trade in Goods and Services, Australia* (5368.0).

INTERNATIONAL  
ACCOUNTS

TABLE 2.7. SERVICES

Period	Credits						Debits				
	Net services	Total services	Freight	Other transportation	Travel	Other services	Total services	Freight	Other transportation	Travel	Other services
ORIGINAL (\$ MILLION)(a)											
1989-90	-5,473	11,972	498	3,607	4,979	2,888	-17,445	-3,420	-2,469	-5,131	-6,425
1990-91	-3,576	13,691	559	4,034	5,708	3,390	-17,267	-3,165	-2,369	-5,214	-6,519
1991-92	-3,147	14,653	557	4,181	6,197	3,718	-17,800	-3,233	-2,627	-5,034	-6,906
1992-93	-2,878	16,265	602	4,688	7,019	3,956	-19,143	-3,748	-2,593	-5,430	-7,372
1993-94	-1,937	18,596	1,089	4,885	8,274	4,348	-20,533	-3,830	-3,095	-5,615	-7,993
1994-95	-1,784	20,553	1,127	4,858	9,956	4,612	-22,337	-4,360	-3,899	-6,272	-7,806
1995-96	-400	22,949	1,221	5,305	11,252	5,171	-23,349	-4,405	-4,083	-6,988	-7,873
1996-97	289	24,396	951	5,697	11,926	5,822	-24,107	-4,373	-4,066	-7,769	-7,899
1997-98	-761	25,665	1,042	5,678	11,876	7,069	-26,426	-5,013	-4,112	-8,372	-8,929
1997-98											
October	-234	2,083	81	477	906	619	-2,317	-456	-333	-757	-771
November	-58	2,080	81	477	906	616	-2,138	-407	-300	-641	-790
December	-132	2,106	81	478	921	626	-2,238	-426	-338	-650	-824
January	203	2,431	91	497	1,280	563	-2,228	-404	-336	-736	-752
February	698	2,604	91	497	1,465	551	-1,906	-373	-272	-545	-716
March	-70	2,060	90	492	925	553	-2,130	-450	-327	-616	-737
April	-83	2,062	94	435	919	614	-2,145	-423	-328	-686	-708
May	-306	1,884	94	435	734	621	-2,190	-396	-362	-698	-734
June	-368	1,967	94	437	790	646	-2,335	-449	-394	-710	-782
1998-99											
July	102	2,541	112	475	1,331	623	-2,439	-474	-402	-773	-790
August	-271	2,105	112	475	910	608	-2,376	-433	-364	-735	-844
September	-539	1,974	111	480	777	606	-2,513	-476	-402	-828	-807
October	-329	2,172	101	475	933	663	-2,501	-476	-380	-816	-829
November	-198	2,092	101	475	858	658	-2,290	-432	-352	-677	-829
December	-180	2,128	101	475	884	668	-2,308	-418	-403	-625	-862

(a) : The estimates for goods and services are not necessarily consistent with the corresponding quarterly estimates, shown in Table 2.1 obtained from *Balance of Payments and International Investment Position, Australia* (5302.0), due to data revisions to the original monthly data not feeding into the quarterly original series until the next quarterly release of *Balance of Payments and International Investment Position, Australia* (5302.0). Source: *International Trade in Goods and Services, Australia* (5368.0).

TABLE 2.8. INVESTMENT INCOME

Period	Net investment income	Credits				Debits			
		Total	Direct	Portfolio	Other	Total	Direct	Portfolio	Other
ANNUAL (\$ MILLION)									
1989-90	-15,208	4,033	1,579	1,711	743	-19,241	-5,373	-10,576	-3,292
1990-91	-17,225	3,325	426	2,069	830	-20,550	-5,422	-11,638	-3,490
1991-92	-14,183	3,996	871	2,525	600	-18,179	-4,782	-10,500	-2,897
1992-93	-12,868	5,583	2,548	2,565	470	-18,451	-6,577	-9,229	-2,645
1993-94	-13,924	5,269	2,734	1,933	602	-19,193	-7,708	-9,275	-2,210
1994-95	-18,483	6,377	3,627	2,041	709	-24,860	-10,830	-11,828	-2,202
1995-96	-20,026	6,524	4,075	1,577	872	-26,550	-11,541	-12,753	-2,256
1996-97	-19,183	7,891	4,956	2,117	818	-27,074	-11,884	-13,732	-1,458
1997-98	-19,187	9,194	5,686	2,131	1,377	-28,381	-12,489	-13,695	-2,197
QUARTERLY ORIGINAL (\$ MILLION)									
1996-97									
September	-5,084	1,779	1,087	478	214	-6,863	-3,215	-3,355	-293
December	-4,657	2,093	1,340	552	201	-6,750	-2,934	-3,498	-318
March	-4,485	1,946	1,285	453	208	-6,431	-2,660	-3,385	-386
June	-4,957	2,073	1,244	634	195	-7,030	-3,075	-3,494	-461
1997-98									
September	-4,815	2,153	1,285	531	337	-6,968	-3,030	-3,403	-535
December	-5,091	2,237	1,421	474	342	-7,328	-3,113	-3,666	-549
March	-4,704	2,306	1,464	525	317	-7,010	-3,140	-3,307	-563
June	-4,577	2,498	1,516	601	381	-7,075	-3,206	-3,319	-550
1998-99									
September	-4,708	2,549	1,608	550	391	-7,257	-3,313	-3,362	-582

Source: Balance of Payments and International Investment Position, Australia (5302.0)

TABLE 2.9. INTERNATIONAL INVESTMENT POSITION

Period	Net international investment position			Foreign assets			Foreign liabilities		
	Total	Equity	Debt	Total	Equity	Debt	Total	Equity	Debt
ANNUAL (\$ MILLION)									
1989-90	171,844	41,223	130,620	-110,356	-57,255	-53,102	282,200	98,478	183,722
1990-91	190,839	48,773	142,065	-110,548	-55,764	-54,784	301,387	104,538	196,849
1991-92	205,013	45,362	159,651	-123,693	-67,800	-55,893	328,705	113,162	215,544
1992-93	225,069	49,021	176,048	-139,034	-77,598	-61,436	364,103	126,619	237,484
1993-94	242,355	74,436	167,919	-158,156	-82,901	-75,255	400,511	157,337	243,174
1994-95	263,198	76,885	186,313	-170,174	-91,878	-78,296	433,372	168,764	264,609
1995-96	287,921	93,190	194,731	-178,402	-96,642	-81,760	466,322	189,831	276,491
1996-97	311,642	98,163	213,479	-207,818	-116,152	-91,666	519,460	214,315	305,145
1997-98	326,073	105,671	220,403	-248,235	-134,194	-114,041	574,308	239,865	334,443
QUARTERLY ORIGINAL (\$ MILLION)									
1996-97									
September	290,327	87,012	203,315	-188,453	-103,434	-85,019	478,780	190,446	288,334
December	301,592	93,428	208,164	-194,238	-106,902	-87,336	495,829	200,330	295,500
March	296,879	91,768	205,111	-200,992	-107,741	-93,251	497,871	199,508	298,363
June	311,642	98,163	213,479	-207,818	-116,152	-91,666	519,460	214,315	305,145
1997-98									
September	315,980	96,307	219,674	-222,261	-125,994	-96,267	538,241	222,300	315,940
December	310,875	90,954	219,921	-238,605	-130,520	-108,085	549,480	221,475	328,006
March	322,390	101,924	220,465	-241,505	-135,602	-105,903	563,895	237,527	326,368
June	326,073	105,671	220,403	-248,235	-134,194	-114,041	574,308	239,865	334,443
1998-99									
September	335,679	102,870	232,810	nya	nya	nya	nya	nya	nya

Source: Balance of Payments and International Investment Position, Australia (5302.0)

INTERNATIONAL  
ACCOUNTS

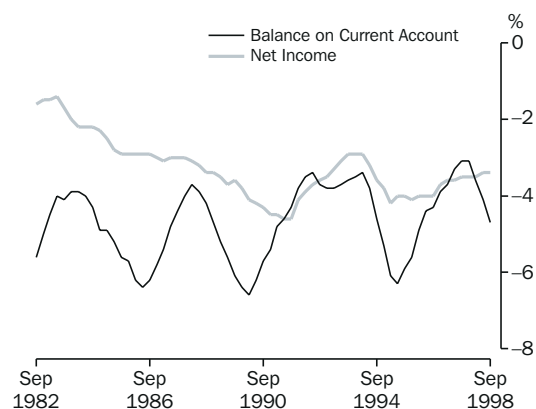
TABLE 2.10. INTERNATIONAL INVESTMENT POSITION BY TYPE OF INVESTMENT

Period	Foreign investment in Australia				Australian investment abroad				
	Total	Direct investment	Portfolio investment	Other investment	Total	Direct investment	Portfolio investment	Other investment	Reserve assets
ANNUAL (\$ MILLION)									
1989-90	272,320	92,364	130,729	49,227	-100,476	-38,236	-17,855	-22,514	-21,871
1990-91	296,307	97,357	145,501	53,449	-105,468	-36,944	-22,601	-21,876	-24,047
1991-92	323,842	104,929	161,675	57,238	-118,829	-43,120	-31,721	-21,748	-22,240
1992-93	357,321	114,297	180,168	62,856	-132,253	-47,969	-39,818	-23,643	-20,823
1993-94	392,332	119,306	209,043	63,983	-149,977	-48,671	-52,949	-27,697	-20,661
1994-95	422,750	123,409	236,290	63,051	-159,552	-54,156	-56,322	-28,890	-20,184
1995-96	458,951	136,834	262,287	59,830	-171,031	-57,569	-57,516	-36,887	-19,059
1996-97	510,305	151,125	295,816	63,363	-198,663	-67,776	-69,441	-38,656	-22,790
1997-98	563,378	157,628	329,824	75,926	-237,305	-79,937	-79,879	-52,040	-25,448
QUARTERLY ORIGINAL (\$ MILLION)									
1996-97									
September	469,806	141,990	270,210	57,606	-179,479	-65,260	-57,801	-34,497	-21,921
December	486,978	145,557	282,265	59,157	-185,386	-66,906	-59,848	-36,785	-21,848
March	489,057	144,561	284,658	59,838	-192,179	-67,050	-61,687	-41,672	-21,770
June	510,305	151,125	295,816	63,363	-198,663	-67,776	-69,441	-38,656	-22,790
1997-98									
September	528,092	155,869	310,524	61,699	-212,112	-75,858	-71,155	-40,996	-24,103
December	539,250	153,976	316,907	68,367	-228,375	-80,125	-72,642	-48,659	-26,949
March	553,708	155,993	329,988	67,727	-231,318	-80,237	-78,185	-49,899	-22,997
June	563,378	157,628	329,824	75,926	-237,305	-79,937	-79,879	-52,040	-25,448
1998-99									
September	nya	nya	nya	nya	nya	nya	nya	nya	-24,861

Source: *Balance of Payments and International Investment Position, Australia* (5302.0)

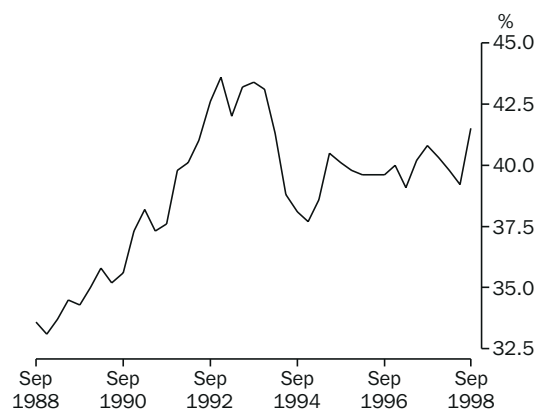


CURRENT ACCOUNT TO GDP



Source: ABS 5206.0, 5302.0, Quarterly data

NET DEBT TO GDP



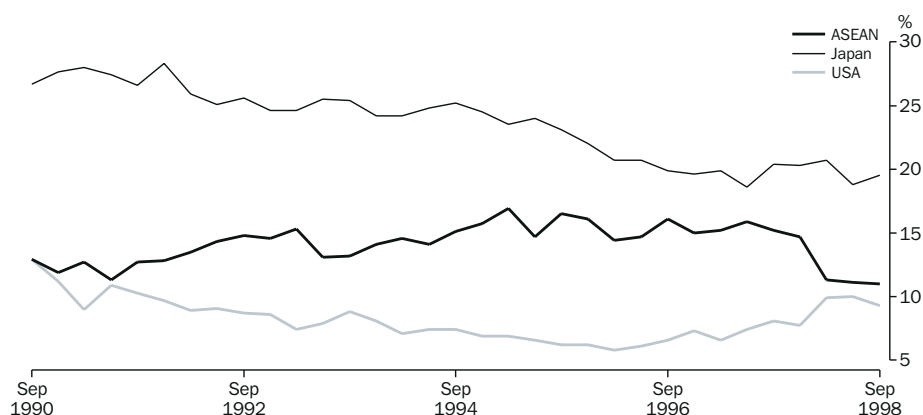
Source: ABS 5206.0, 5302.0 Quarterly data

TABLE 2.11. BALANCE OF PAYMENTS AND INTERNATIONAL INVESTMENT POSITION RATIOS(a)

Period	Ratios to GDP(b)				Ratios to goods and services credits			
	Goods and services		Income	Net international investment position		Net investment income		
	Current account	Credits		Debits	Net foreign equity	Net foreign debt	Net foreign equity	Net foreign debt
ANNUAL (PER CENT)								
1989-90	-6.0	16.0	-18.0	-4.0	10.8	34.2	-5.4	-19.6
1990-91	-4.5	16.8	-17.0	-4.4	12.4	36.1	-6.6	-19.4
1991-92	-3.3	17.3	-17.1	-3.5	11.2	39.5	-4.9	-15.3
1992-93	-3.6	18.1	-18.6	-3.0	11.5	41.4	-4.6	-12.2
1993-94	-3.7	18.5	-19.1	-3.1	16.6	37.5	-5.7	-11.0
1994-95	-6.1	18.5	-20.6	-3.9	16.2	39.4	-8.6	-12.5
1995-96	-4.3	19.5	-19.9	-3.9	18.4	38.4	-8.5	-11.7
1996-97	-3.2	19.8	-19.5	-3.6	18.5	40.2	-7.2	-11.0
1997-98	-4.1	20.3	-21.1	-3.4	18.8	39.2	-6.8	-10.1
QUARTERLY (PER CENT)								
1996-97								
September	-4.2	19.4	-19.7	-4.0	17.0	39.6	-8.9	-11.6
December	-3.9	19.4	-19.6	-3.7	18.0	40.0	-7.7	-11.6
March	-3.6	19.3	-19.4	-3.6	17.5	39.1	-7.2	-11.6
June	-3.2	19.8	-19.5	-3.6	18.5	40.2	-7.2	-11.0
1997-98								
September	-3.1	20.3	-19.8	-3.5	17.9	40.8	-6.6	-10.7
December	-3.1	20.6	-20.2	-3.5	16.7	40.3	-6.7	-10.5
March	-3.6	20.6	-20.7	-3.5	18.4	39.8	-6.9	-10.3
June	-4.1	20.3	-21.1	-3.4	18.8	39.2	-6.8	-10.1
1998-99								
September	-4.7	20.4	-21.7	-3.4	18.3	41.5	-6.8	-9.8

(a) : Derived from current price original data. The net international investment position ratios are derived from the net foreign liabilities at the end of the period and GDP for the year ended with that period. Other ratios use only data for the year ended with the period shown. (b) : For the latest reference period, GDP for the year ended with the previous quarter is used. Source: *Balance of Payments and International Investment Position, Australia* (5302.0)

EXPORT SHARES WITH SELECTED COUNTRIES AND COUNTRY GROUPS



Source: ABS, International Trade Section, Quarterly data

TABLE 2.12. MERCHANDISE TRADE SHARES BY SELECTED COUNTRIES AND COUNTRY GROUPS(a)

Period	Association of South East Asian Nations(b)	China	European Union(c)	Hong Kong	Japan	New Zealand	Republic of Korea	Taiwan	United States of America	Total
EXPORTS (\$ MILLION)										
1989-90	5,110	1,171	7,083	1,342	12,781	2,616	2,700	1,821	5,426	49,078
1990-91	6,388	1,348	6,608	1,560	14,378	2,545	3,237	1,962	5,778	52,399
1991-92	7,337	1,458	7,148	2,106	14,574	2,830	3,365	2,519	5,220	55,027
1992-93	8,780	2,268	7,341	2,597	15,206	3,365	3,970	2,680	4,940	60,702
1993-94	9,038	2,590	7,605	2,797	15,924	4,009	4,706	2,757	5,075	64,548
1994-95	10,439	2,964	7,498	2,632	16,282	4,791	5,250	3,102	4,643	67,052
1995-96	11,717	3,781	8,464	3,052	16,429	5,609	6,615	3,452	4,619	76,005
1996-97	12,257	3,584	8,171	3,105	15,377	6,214	7,134	3,620	5,526	78,932
1997-98	11,502	3,874	10,242	4,138	17,587	5,661	6,397	4,179	7,793	87,764
IMPORTS (\$ MILLION)										
1989-90	2,984	1,241	12,732	847	9,872	2,173	1,254	1,946	12,373	51,333
1990-91	3,484	1,503	11,951	741	8,849	2,150	1,254	1,752	11,475	48,912
1991-92	4,119	1,976	11,685	792	9,290	2,399	1,213	1,979	11,743	50,984
1992-93	5,018	2,557	13,258	796	11,139	2,785	1,696	2,213	13,004	59,575
1993-94	5,302	3,120	14,582	801	11,700	3,201	1,882	2,362	14,017	64,470
1994-95	6,419	3,649	18,218	923	12,777	3,554	2,028	2,570	16,044	74,619
1995-96	7,372	4,010	19,388	970	10,816	3,591	2,293	2,585	17,545	77,792
1996-97	8,300	4,203	19,666	900	10,241	3,685	2,550	2,522	17,642	78,998
1997-98	10,489	5,303	21,825	1,031	12,660	3,723	3,759	2,809	19,832	90,670
EXCESS OF EXPORTS(+) OR IMPORTS(-) (\$ MILLION)										
1989-90	2,126	-70	-5,648	495	2,909	443	1,447	-124	-6,946	-2,255
1990-91	2,904	-155	-5,343	819	5,529	395	1,983	210	-5,697	3,487
1991-92	3,219	-518	-4,537	1,314	5,284	431	2,153	540	-6,523	4,043
1992-93	3,762	-289	-5,917	1,801	4,067	580	2,274	467	-8,064	1,127
1993-94	3,736	-529	-6,977	1,996	4,224	808	2,824	395	-8,942	79
1994-95	4,021	-685	-10,720	1,709	3,505	1,237	3,221	533	-11,401	-7,567
1995-96	4,345	-229	-10,924	2,082	5,613	2,017	4,322	867	-12,926	-1,787
1996-97	3,957	-619	-11,495	2,205	5,136	2,528	4,584	1,098	-12,116	-66
1997-98	1,013	-1,430	-11,583	3,107	4,927	1,938	2,638	1,370	-12,039	-2,906
1996-97										
September	1,101	-329	-3,240	538	1,192	582	1,299	210	-3,176	-890
December	685	-216	-2,839	476	1,327	462	1,349	126	-3,100	-803
March	985	-96	-2,718	573	1,332	520	952	385	-2,701	595
June	1,186	22	-2,698	618	1,284	964	984	378	-3,139	1,031
1997-98										
September	935	-346	-3,063	697	1,286	514	1,097	266	-2,931	-299
December	658	-342	-3,133	913	1,502	480	764	378	-3,065	42
March	-289	-495	-2,908	807	1,155	453	308	284	-3,016	-1,970
June	-291	-247	-2,478	690	984	491	470	442	-3,028	-679
1998-99										
September	-706	-785	-2,663	499	999	472	467	281	-3,363	-2,806

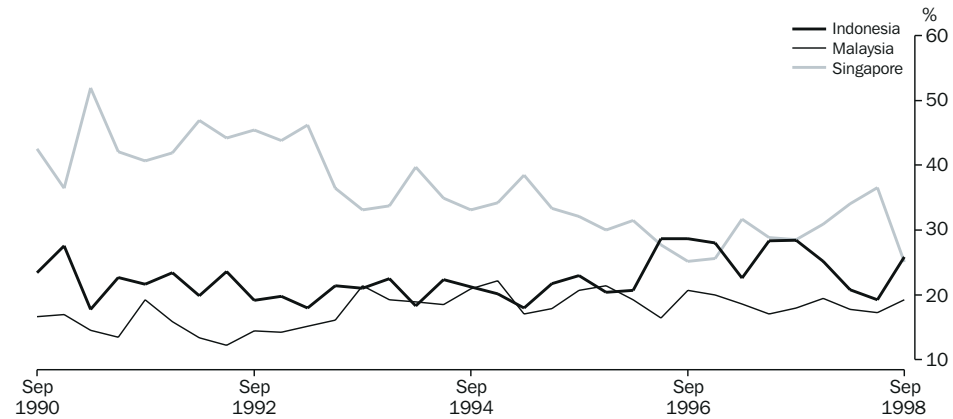
(a) : The exports and imports data presented in this table differ from those in Tables 2.1 to 2.5 because they are recorded on a foreign trade basis rather than a balance of payments basis and are compiled from a different edition of the data. (b) : The nine member nations of ASEAN are Brunei, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand and Vietnam. (c) : The fourteen member states of European Union (EU) are Austria, Belgium-Luxembourg, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Portugal, Spain, Sweden, and the United Kingdom. Source: International Trade Section, ABS.

TABLE 2.13. MERCHANDISE TRADE SHARES BY SELECTED COUNTRIES AND COUNTRY GROUPS(a)

Period	Association of South East Asian Nations(b)	China	European Union	Hong Kong	Japan	New Zealand	Republic of Korea	Taiwan	United States of America
ANNUAL EXPORTS (PER CENT)									
1989-90	10.4	2.4	14.4	2.7	26.0	5.3	5.5	3.7	11.1
1990-91	12.2	2.6	12.6	3.0	27.4	4.9	6.2	3.7	11.0
1991-92	13.3	2.7	13.0	3.8	26.5	5.1	6.1	4.6	9.5
1992-93	14.5	3.7	12.1	4.3	25.1	5.5	6.5	4.4	8.1
1993-94	14.0	4.0	11.8	4.3	24.7	6.2	7.3	4.3	7.9
1994-95	15.6	4.4	11.2	3.9	24.3	7.1	7.8	4.6	6.9
1995-96	15.4	5.0	11.1	4.0	21.6	7.4	8.7	4.5	6.1
1996-97	15.5	4.5	10.4	3.9	19.5	7.9	9.0	4.6	7.0
1997-98	13.1	4.4	11.7	4.7	20.0	6.5	7.3	4.8	8.9
QUARTERLY EXPORTS (PER CENT)									
1996-97									
September	16.1	4.3	9.9	4.1	19.9	7.9	10.1	4.5	6.6
December	15.0	4.6	11.2	3.5	19.6	7.5	10.0	4.1	7.3
March	15.2	4.5	10.0	4.0	19.9	7.2	8.1	5.0	6.6
June	15.9	4.7	10.3	4.1	18.6	8.9	8.0	4.8	7.4
1997-98									
September	15.2	4.9	9.9	4.6	20.4	6.9	8.8	4.6	8.1
December	14.7	4.6	10.7	5.2	20.3	6.4	7.1	4.8	7.7
March	11.3	4.1	12.3	5.1	20.7	6.4	5.9	4.7	9.9
June	11.1	4.0	13.8	4.0	18.8	6.2	7.3	4.9	10.0
1998-99									
September	11.0	4.1	14.9	3.7	19.5	6.5	7.0	4.7	9.3
ANNUAL IMPORTS (PER CENT)									
1989-90	5.8	2.4	24.8	1.6	19.2	4.2	2.4	3.8	24.1
1990-91	7.1	3.1	24.4	1.5	18.1	4.4	2.6	3.6	23.5
1991-92	8.1	3.9	22.9	1.6	18.2	4.7	2.4	3.9	23.0
1992-93	8.4	4.3	22.3	1.3	18.7	4.7	2.8	3.7	21.8
1993-94	8.2	4.8	22.6	1.2	18.1	5.0	2.9	3.7	21.7
1994-95	8.6	4.9	24.4	1.2	17.1	4.8	2.7	3.4	21.5
1995-96	9.5	5.2	24.9	1.2	13.9	4.6	2.9	3.3	22.6
1996-97	10.5	5.3	24.9	1.1	13.0	4.7	3.2	3.2	22.3
1997-98	11.6	5.8	24.1	1.1	14.0	4.1	4.1	3.1	21.9
QUARTERLY IMPORTS (PER CENT)									
1996-97									
September	9.8	5.8	25.8	1.2	13.0	4.6	3.1	3.2	22.3
December	11.0	5.5	24.5	1.1	12.4	4.9	3.1	3.3	22.1
March	10.4	5.2	25.1	1.0	13.3	4.6	3.2	3.0	21.4
June	10.8	4.9	24.3	1.2	13.2	4.5	3.5	3.2	23.4
1997-98									
September	10.7	6.4	23.8	1.3	14.3	4.4	3.7	3.3	21.4
December	11.9	6.1	24.3	1.2	13.8	4.3	3.8	3.2	21.0
March	11.6	6.0	24.3	1.1	13.7	3.8	4.0	3.0	22.5
June	12.0	5.0	23.9	1.0	14.0	3.9	5.1	2.9	22.5
1998-99									
September	12.6	6.7	23.7	1.3	13.5	3.9	4.5	3.1	21.4

(a) : The merchandise trade shares relate to data in Table 2.12. (b) : The nine member nations of ASEAN are Brunei, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand and Vietnam. (c) : The fourteen member states of European Union (EU) are Austria, Belgium-Luxembourg, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Portugal, Spain, Sweden, and the United Kingdom.  
Source: *International Trade Section, ABS.*

## EXPORT SHARES WITH SELECTED ASEAN COUNTRIES

**TABLE 2.14. MERCHANDISE TRADE BY SELECTED COUNTRIES OF THE ASSOCIATION OF SOUTH EAST ASIAN NATIONS(a)(b)**

Period	Indonesia	Malaysia	Philippines	Singapore	Thailand	Vietnam	Total ASEAN
EXPORTS (\$ MILLION)							
1989-90	1,030	925	470	1,985	591	84	5,110
1990-91	1,462	985	437	2,769	665	25	6,388
1991-92	1,627	1,103	513	3,189	816	50	7,337
1992-93	1,715	1,311	598	3,787	1,205	76	8,780
1993-94	1,906	1,759	699	3,197	1,278	111	9,038
1994-95	2,113	2,033	839	3,643	1,560	150	10,439
1995-96	2,716	2,289	1,075	3,556	1,779	198	11,717
1996-97	3,305	2,332	1,226	3,410	1,693	211	12,257
1997-98	2,751	2,097	1,162	3,696	1,390	325	11,502
IMPORTS (\$ MILLION)							
1989-90	441	658	150	1,213	479	17	2,984
1990-91	784	732	129	1,271	505	18	3,484
1991-92	995	867	143	1,301	647	79	4,119
1992-93	1,305	974	177	1,509	756	237	5,018
1993-94	1,105	1,103	188	1,792	794	291	5,302
1994-95	1,198	1,421	259	2,246	970	295	6,419
1995-96	1,522	1,636	260	2,613	1,005	329	7,372
1996-97	1,864	1,891	282	2,620	1,201	433	8,300
1997-98	2,868	2,404	418	2,641	1,474	664	10,489
EXCESS OF EXPORTS(+) OR IMPORTS(-) (\$ MILLION)							
1989-90	589	267	320	772	112	67	2,126
1990-91	679	253	308	1,498	160	7	2,904
1991-92	632	236	370	1,889	169	-29	3,219
1992-93	410	337	421	2,278	450	-161	3,762
1993-94	800	656	510	1,404	483	-180	3,736
1994-95	915	612	580	1,398	590	-145	4,021
1995-96	1,193	653	815	943	774	-131	4,345
1996-97	1,441	441	943	790	492	-222	3,957
1997-98	-117	-307	744	1,055	-84	-339	1,013
1996-97							
September	486	202	205	128	137	-75	1,101
December	312	113	236	-36	76	-30	685
March	195	97	233	369	125	-57	985
June	449	28	270	328	155	-60	1,186
1997-98							
September	411	35	225	289	61	-108	935
December	69	101	220	396	-21	-124	658
March	-221	-227	160	123	-83	-52	-289
June	-377	-215	139	247	-42	-55	-291
1998-99							
September	-505	-184	212	-35	-101	-108	-706

(a) : The exports and imports data presented in this table differ from those in Tables 2.1 to 2.5 because they are recorded on a foreign trade basis rather than a balance of payments basis and are compiled from a different edition of the data. (b) : The nine member nations of ASEAN are Brunei, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand and Vietnam. Source: International Trade Section, ABS.

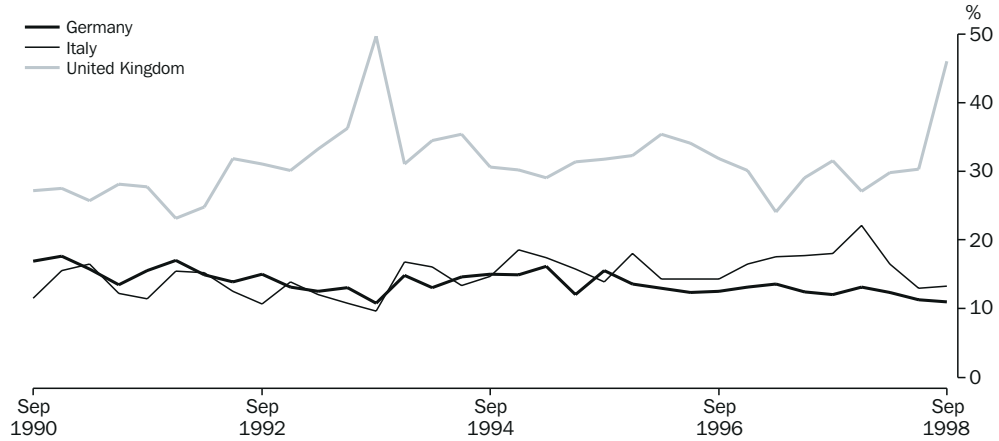
TABLE 2.15. MERCHANDISE TRADE SHARES BY SELECTED COUNTRIES OF THE ASSOCIATION OF SOUTH EAST  
ASIAN NATIONS (a)(b)

Period	Indonesia	Malaysia	Philippines	Singapore	Thailand	Vietnam
ANNUAL EXPORTS (PER CENT)						
1989-90	20.2	18.1	9.2	38.8	11.6	1.6
1990-91	22.9	15.4	6.8	43.3	10.4	0.4
1991-92	22.2	15.0	7.0	43.5	11.1	0.7
1992-93	19.5	14.9	6.8	43.1	13.7	0.9
1993-94	21.1	19.5	7.7	35.4	14.1	1.2
1994-95	20.2	19.5	8.0	34.9	14.9	1.4
1995-96	23.2	19.5	9.2	30.3	15.2	1.7
1996-97	27.0	19.0	10.0	27.8	13.8	1.7
1997-98	23.9	18.2	10.1	32.1	12.1	2.8
QUARTERLY EXPORTS (PER CENT)						
1996-97						
September	28.7	20.7	9.2	25.2	14.0	1.5
December	28.0	20.0	10.3	25.6	13.6	2.1
March	22.6	18.6	10.4	31.7	14.3	1.6
June	28.3	17.1	10.1	28.8	13.4	1.7
1997-98						
September	28.4	18.0	10.2	28.5	12.2	1.9
December	25.2	19.5	10.3	30.9	11.4	2.1
March	20.8	17.8	10.6	34.1	12.6	3.2
June	19.2	17.3	9.2	36.6	12.4	4.7
1998-99						
September	25.8	19.3	12.8	25.1	12.7	3.7
ANNUAL IMPORTS (PER CENT)						
1989-90	14.8	22.1	5.0	40.6	16.1	0.6
1990-91	22.5	21.0	3.7	36.5	14.5	0.5
1991-92	24.2	21.1	3.5	31.6	15.7	1.9
1992-93	26.0	19.4	3.5	30.1	15.1	4.7
1993-94	20.8	20.8	3.6	33.8	15.0	5.5
1994-95	18.7	22.1	4.0	35.0	15.1	4.6
1995-96	20.7	22.2	3.5	35.4	13.6	4.5
1996-97	22.5	22.8	3.4	31.6	14.5	5.2
1997-98	27.3	22.9	4.0	25.2	14.1	6.3
QUARTERLY IMPORTS (PER CENT)						
1996-97						
September	20.0	22.0	3.9	32.8	14.9	6.2
December	22.7	21.0	3.1	34.9	14.3	4.0
March	24.0	23.1	3.5	28.8	15.2	5.4
June	23.1	25.1	3.2	29.5	13.6	5.4
1997-98						
September	22.2	23.7	4.7	27.6	14.5	7.3
December	28.7	20.5	4.8	23.9	14.9	7.1
March	27.0	24.6	3.2	25.5	14.4	4.9
June	30.6	23.1	3.3	24.1	12.6	6.1
1998-99						
September	35.9	20.8	3.4	20.7	13.0	6.3

(a) : The merchandise trade shares relate to data in Table 2.14. (b) : The nine member nations of ASEAN are Brunei, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand and Vietnam. Source: *International Trade Section, ABS.*

**INTERNATIONAL  
ACCOUNTS**

**EXPORT SHARES WITH SELECTED EUROPEAN UNION COUNTRIES**



Source: ABS, International Trade Section, Quarterly data

**TABLE 2.16. MERCHANDISE TRADE BY SELECTED MEMBER COUNTRIES OF THE EUROPEAN UNION(a)**

Period	Belgium-Luxembourg	France	Germany	Italy	Netherlands	Sweden	United Kingdom	Total European Union
EXPORTS (\$ MILLION)								
1989-90	482	870	1,249	1,038	1,042	148	1,736	7,083
1990-91	448	774	1,056	923	1,016	127	1,796	6,608
1991-92	594	939	1,092	979	856	145	1,930	7,148
1992-93	618	850	991	872	876	136	2,394	7,341
1993-94	458	792	1,006	1,052	703	139	2,901	7,605
1994-95	466	794	1,083	1,250	707	155	2,275	7,498
1995-96	668	727	1,152	1,282	695	200	2,829	8,464
1996-97	923	799	1,058	1,354	584	220	2,357	8,171
1997-98	1,154	863	1,243	1,751	830	157	3,040	10,242
IMPORTS (\$ MILLION)								
1989-90	433	1,166	3,443	1,635	520	896	3,356	12,732
1990-91	380	1,233	3,115	1,390	550	767	3,302	11,951
1991-92	387	1,336	3,007	1,229	588	793	3,102	11,685
1992-93	512	1,481	3,383	1,349	624	1,013	3,395	13,258
1993-94	541	1,542	3,759	1,617	664	1,072	3,698	14,582
1994-95	686	1,754	4,861	2,026	712	1,426	4,439	18,218
1995-96	755	1,867	4,862	2,231	702	1,617	4,882	19,388
1996-97	760	1,980	4,558	2,304	817	1,497	5,182	19,666
1997-98	739	2,030	5,207	2,615	847	1,557	5,593	21,825
EXCESS OF EXPORTS(+) OR IMPORTS(-) (\$ MILLION)								
1989-90	48	-296	-2,194	-597	523	-748	-1,619	-5,648
1990-91	68	-460	-2,059	-467	465	-639	-1,506	-5,343
1991-92	207	-396	-1,915	-250	267	-648	-1,171	-4,537
1992-93	106	-630	-2,392	-477	252	-876	-1,001	-5,917
1993-94	-83	-750	-2,753	-565	39	-933	-798	-6,977
1994-95	-220	-960	-3,778	-776	-5	-1,270	-2,164	-10,720
1995-96	-86	-1,140	-3,710	-949	-7	-1,418	-2,053	-10,924
1996-97	164	-1,181	-3,500	-950	-233	-1,277	-2,825	-11,495
1997-98	415	-1,167	-3,964	-863	-17	-1,401	-2,553	-11,583
1996-97								
September	26	-387	-962	-365	-52	-323	-738	-3,240
December	49	-373	-913	-212	-39	-291	-625	-2,839
March	57	-203	-763	-202	-117	-329	-767	-2,718
June	32	-218	-863	-171	-25	-335	-694	-2,698
1997-98								
September	37	-250	-942	-262	-65	-337	-700	-3,063
December	66	-330	-990	-86	-47	-393	-726	-3,133
March	102	-304	-977	-236	53	-339	-655	-2,908
June	211	-282	-1,056	-279	42	-332	-472	-2,478
1998-99								
September	108	-347	-1,186	-315	2	-286	10	-2,663

(a) : The exports and imports data presented in this table differ from those in Tables 2.1 to 2.5 because they are recorded on a foreign trade basis rather than a balance of payments basis and are compiled from a different edition of the data. (b) : The fourteen member states of European Union (EU) are Austria, Belgium-Luxembourg, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Portugal, Spain, Sweden, and the United Kingdom. Source: International Trade Section, ABS.

TABLE 2.17. MERCHANDISE TRADE SHARES BY SELECTED MEMBER COUNTRIES OF THE EUROPEAN UNION(a)

Period	Belgium- Luxembourg	France	Germany	Italy	Netherlands	Sweden	United Kingdom
ANNUAL EXPORTS (PER CENT)							
1989-90	6.8	12.3	17.6	14.7	14.7	2.1	24.5
1990-91	6.8	11.7	16.0	14.0	15.4	1.9	27.2
1991-92	8.3	13.1	15.3	13.7	12.0	2.0	27.0
1992-93	8.4	11.6	13.5	11.9	11.9	1.9	32.6
1993-94	6.0	10.4	13.2	13.8	9.2	1.8	38.1
1994-95	6.2	10.6	14.4	16.7	9.4	2.1	30.3
1995-96	7.9	8.6	13.6	15.1	8.2	2.4	33.4
1996-97	11.3	9.8	12.9	16.6	7.2	2.7	28.8
1997-98	11.3	8.4	12.1	17.1	8.1	1.5	29.7
QUARTERLY EXPORTS (PER CENT)							
1996-97							
September	12.0	7.8	12.5	14.3	7.6	3.1	31.9
December	10.9	8.5	13.2	16.5	7.3	4.4	30.1
March	13.0	12.1	13.6	17.5	6.9	0.9	24.1
June	9.7	10.7	12.4	17.7	6.9	2.2	29.1
1997-98							
September	10.4	9.4	12.0	18.0	6.8	2.2	31.6
December	10.0	9.6	13.2	22.1	7.1	1.3	27.1
March	11.5	7.7	12.3	16.5	10.3	1.2	29.8
June	12.6	7.4	11.3	13.0	8.0	1.5	30.3
1998-99							
September	7.9	6.8	11.0	13.3	6.7	1.5	46.0
ANNUAL IMPORTS (PER CENT)							
1989-90	3.4	9.2	27.0	12.8	4.1	7.0	26.4
1990-91	3.2	10.3	26.1	11.6	4.6	6.4	27.6
1991-92	3.3	11.4	25.7	10.5	5.0	6.8	26.5
1992-93	3.9	11.2	25.5	10.2	4.7	7.6	25.6
1993-94	3.7	10.6	25.8	11.1	4.6	7.4	25.4
1994-95	3.8	9.6	26.7	11.1	3.9	7.8	24.4
1995-96	3.9	9.6	25.1	11.5	3.6	8.3	25.2
1996-97	3.9	10.1	23.2	11.7	4.2	7.6	26.4
1997-98	3.4	9.3	23.9	12.0	3.9	7.1	25.6
QUARTERLY IMPORTS (PER CENT)							
1996-97							
September	3.9	10.4	23.4	12.4	3.8	7.4	26.1
December	3.8	11.1	23.9	11.4	4.0	7.7	25.6
March	4.1	9.4	22.1	11.6	5.4	7.5	26.5
June	3.7	9.3	23.3	11.4	3.6	7.9	27.2
1997-98							
September	3.6	8.7	23.1	12.4	4.1	7.4	26.5
December	3.2	10.1	23.5	11.3	4.0	7.6	24.9
March	3.4	9.2	23.8	12.0	3.8	6.9	25.9
June	3.3	9.2	25.1	12.3	3.7	6.7	25.3
1998-99							
September	2.6	9.5	25.7	12.6	3.7	5.6	25.7

(a) : The merchandise trade shares relate to data in Table 2.16. (b) : The fourteen member states of European Union (EU) are Austria, Belgium-Luxembourg, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Portugal, Spain, Sweden, and the United Kingdom. Source: *International Trade Section, ABS.*

# 3 CONSUMPTION AND INVESTMENT

---

## TABLES

3.1	Household final consumption expenditure, chain volume measures . . . . .	42
3.2	Retail turnover by industry group, chain volume measures . . . . .	44
3.3	Retail turnover by industry group . . . . .	45
3.4	Private gross fixed capital formation and inventories , chain volume measures . . . . .	46
3.5	Actual private new capital expenditure by type of asset and selected industry . . . . .	47
3.6	Expected and actual private new capital expenditure by selected industry and type of asset . . . . .	48
3.7	Book value of stocks owned by private business . . . . .	49
3.8	New motor vehicles registrations by type of vehicle . . . . .	50

---

## RELATED PUBLICATIONS

*Australian National Accounts: National Income, Expenditure and Product (5206.0)*

*Private New Capital Expenditure and Expected Expenditure, Australia (5625.0)*

*Stocks and Sales, Selected Industries, Australia (5629.0)*

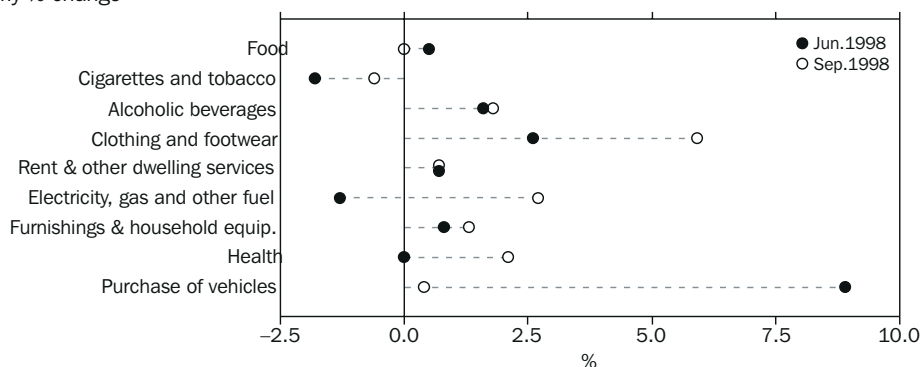
*Australian Business Expectations (5250.0)*

*Retail Trade, Australia (8501.0)*

*New Motor Vehicle Registrations, Australia (9303.0.40.003)*



HOUSEHOLD FINAL CONSUMPTION EXPENDITURE,  
Seasonally adjusted, Chain volume measure—  
Quarterly % change



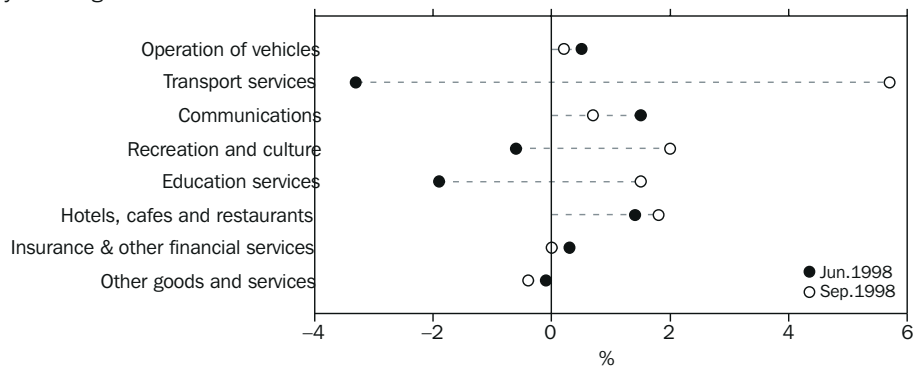
Source: ABS 5206.0

**TABLE 3.1. HOUSEHOLD FINAL CONSUMPTION EXPENDITURE**  
Chain Volume Measures, Reference year 1996–97

Period	Food	Cigarettes and tobacco	Alcoholic beverages	Clothing and footwear	Rent and other dwelling services	Electricity, gas and other fuel	Furnishings and household equipment	Health	Purchase of vehicles
ANNUAL (\$ MILLION)									
1989–90	30,965	9,072	3,843	11,940	47,871	5,471	15,535	10,660	10,672
1990–91	31,379	8,777	3,815	11,521	49,401	5,562	15,039	11,072	10,040
1991–92	32,088	8,191	3,735	11,912	50,821	5,614	15,877	11,608	9,424
1992–93	32,921	7,618	3,660	11,928	52,165	5,830	16,363	11,764	10,088
1993–94	34,007	7,026	3,782	12,129	53,841	5,792	16,893	12,064	10,098
1994–95	36,037	6,592	3,939	12,589	55,662	6,091	17,719	12,049	11,417
1995–96	38,207	6,196	3,960	12,880	57,497	6,267	18,200	12,058	11,404
1996–97	38,332	5,941	3,855	12,535	59,021	6,406	18,197	11,972	12,435
1997–98	39,527	5,706	4,015	12,964	60,519	6,749	19,058	11,830	14,814
PERCENTAGE CHANGE FROM PREVIOUS YEAR									
1989–90	1.9	0.0	3.7	-0.8	3.4	6.3	3.2	2.5	15.8
1990–91	1.3	-3.3	-0.7	-3.5	3.2	1.7	-3.2	3.9	-5.9
1991–92	2.3	-6.7	-2.1	3.4	2.9	0.9	5.6	4.8	-6.1
1992–93	2.6	-7.0	-2.0	0.1	2.6	3.8	3.1	1.3	7.0
1993–94	3.3	-7.8	3.3	1.7	3.2	-0.6	3.2	2.6	0.1
1994–95	6.0	-6.2	4.1	3.8	3.4	5.2	4.9	-0.1	13.1
1995–96	6.0	-6.0	0.5	2.3	3.3	2.9	2.7	0.1	-0.1
1996–97	0.3	-4.1	-2.7	-2.7	2.7	2.2	0.0	-0.7	9.0
1997–98	3.1	-4.0	4.1	3.4	2.5	5.3	4.7	-1.2	19.1
SEASONALLY ADJUSTED (\$ MILLION)									
1996–97									
September	9,549	1,499	952	3,192	14,617	1,605	4,517	3,007	2,989
December	9,510	1,496	963	3,140	14,714	1,570	4,497	3,046	2,981
March	9,633	1,476	960	3,104	14,794	1,605	4,579	2,895	3,136
June	9,640	1,470	980	3,099	14,896	1,625	4,604	3,025	3,329
1997–98									
September	9,756	1,446	979	3,231	14,978	1,651	4,714	2,987	3,485
December	9,886	1,439	1,006	3,235	15,077	1,659	4,782	3,004	3,734
March	9,917	1,423	1,007	3,208	15,177	1,730	4,762	2,920	3,635
June	9,968	1,398	1,023	3,290	15,287	1,708	4,800	2,919	3,960
1998–99									
September	9,965	1,389	1,041	3,484	15,387	1,754	4,861	2,980	3,975
PERCENTAGE CHANGE FROM PREVIOUS QUARTER									
1997–98									
September	1.2	-1.6	-0.1	4.2	0.6	1.6	2.4	-1.2	4.7
December	1.3	-0.5	2.7	0.1	0.7	0.5	1.4	0.5	7.2
March	0.3	-1.1	0.1	-0.8	0.7	4.3	-0.4	-2.8	-2.7
June	0.5	-1.8	1.6	2.5	0.7	-1.3	0.8	0.0	8.9
1998–99									
September	0.0	-0.6	1.8	5.9	0.7	2.7	1.3	2.1	0.4

Source: Australian National Accounts: National Income, Expenditure and Product (5206.0).

HOUSEHOLD FINAL CONSUMPTION EXPENDITURE,  
Seasonally adjusted, Chain volume measure—  
Quarterly % change



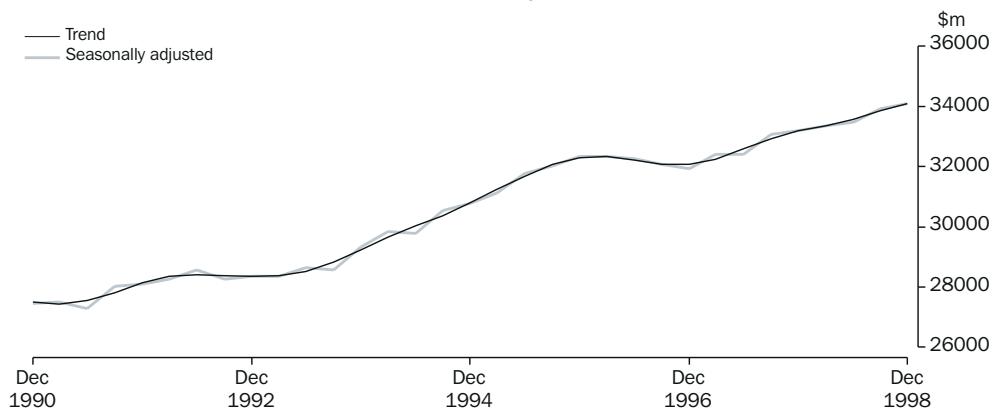
Source: ABS 5206.0

**TABLE 3.1. HOUSEHOLD FINAL CONSUMPTION EXPENDITURE**  
Chain Volume Measures, Reference year 1996–97 — *continued*

Period	Operation of vehicles	Transport services	Communications	Recreation and culture	Education services	Hotels, cafes and restaurants	Insurance and other financial services	Other goods and services	Total
ANNUAL (\$ MILLION)									
1989–90	16,814	5,024	3,392	26,551	4,634	22,066	18,068	18,568	260,149
1990–91	16,648	5,496	3,549	26,881	4,838	21,573	18,329	18,941	262,059
1991–92	17,174	6,084	3,894	27,885	5,082	21,656	16,848	20,062	267,468
1992–93	17,725	6,252	4,397	28,722	5,310	21,759	16,030	20,957	273,137
1993–94	18,336	6,115	4,883	30,187	5,628	22,546	14,920	21,855	279,626
1994–95	18,800	6,415	5,328	32,706	5,932	24,213	15,799	22,995	294,057
1995–96	18,839	6,885	6,148	34,969	6,257	25,280	16,648	24,693	306,312
1996–97	18,971	7,484	6,720	36,438	6,631	25,147	16,676	26,176	312,935
1997–98	19,259	7,680	7,156	38,515	7,154	26,006	16,786	29,318	327,052
PERCENTAGE CHANGE FROM PREVIOUS YEAR									
1989–90	3.1	4.5	8.6	7.2	17.3	3.3	14.8	5.5	5.1
1990–91	-1.0	9.4	4.6	1.2	4.4	-2.2	1.4	2.0	0.7
1991–92	3.2	10.7	9.7	3.7	5.1	0.4	-8.1	5.9	2.1
1992–93	3.2	2.8	12.9	3.0	4.5	0.5	-4.9	4.5	2.1
1993–94	3.4	-2.2	11.1	5.1	6.0	3.6	-6.9	4.3	2.4
1994–95	2.5	4.9	9.1	8.3	5.4	7.4	5.9	5.2	5.2
1995–96	0.2	7.3	15.4	6.9	5.5	4.4	5.4	7.4	4.2
1996–97	0.7	8.7	9.3	4.2	6.0	-0.5	0.2	6.0	2.2
1997–98	1.5	2.6	6.5	5.7	7.9	3.4	0.7	12.0	4.5
SEASONALLY ADJUSTED (\$ MILLION)									
1996–97									
September	4,731	1,816	1,636	9,027	1,585	6,240	4,164	6,354	77,511
December	4,760	1,861	1,658	9,029	1,623	6,248	4,165	6,457	77,726
March	4,748	1,881	1,681	9,120	1,718	6,281	4,166	6,624	78,354
June	4,731	1,926	1,745	9,262	1,705	6,378	4,181	6,740	79,344
1997–98									
September	4,780	1,866	1,735	9,529	1,713	6,412	4,184	7,038	80,486
December	4,797	1,936	1,780	9,658	1,796	6,557	4,191	7,264	81,800
March	4,830	1,972	1,807	9,693	1,840	6,474	4,199	7,510	82,104
June	4,852	1,906	1,834	9,635	1,805	6,562	4,212	7,505	82,661
1998–99									
September	4,864	2,014	1,847	9,832	1,832	6,682	4,214	7,476	83,596
PERCENTAGE CHANGE FROM PREVIOUS QUARTER									
1997–98									
September	1.0	-3.1	-0.6	2.9	0.5	0.5	0.1	4.4	1.4
December	0.3	3.7	2.6	1.3	4.8	2.3	0.2	3.2	1.6
March	0.7	1.9	1.5	0.4	2.5	-1.3	0.2	2.5	0.4
June	0.4	-3.4	1.5	-0.6	-1.9	1.3	0.3	0.8	0.7
1998–99									
September	0.2	5.7	0.7	2.0	1.5	1.8	0.0	-1.1	1.1

Source: Australian National Accounts: National Income, Expenditure and Product (5206.0).

RETAIL TURNOVER, Chain volume measures (reference year 1996-97)



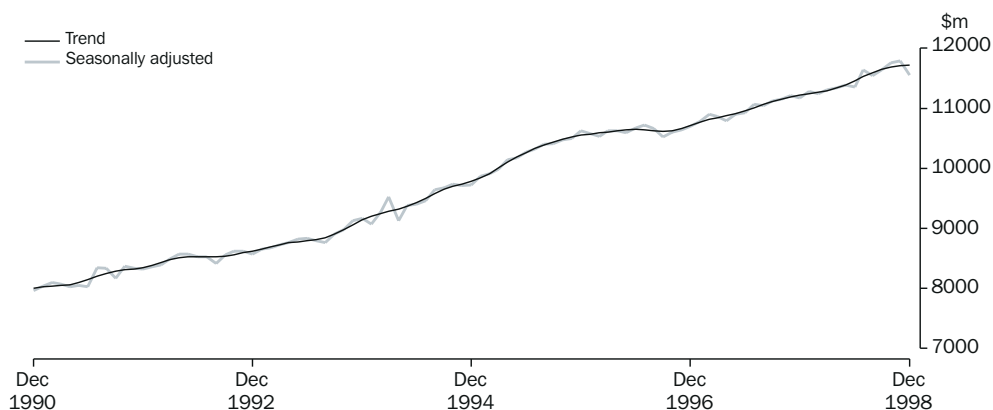
Source: ABS 8501.0 Quarterly data

TABLE 3.2. RETAIL TURNOVER BY INDUSTRY GROUP  
Chain Volume Measures, Reference year 1996-97

Period	Food retailing	Department stores	Clothing and soft good retailing	Household good retailing	Recreational good retailing	Other retailing	Hospitality and services	Total
ANNUAL (\$ MILLION)								
1989-90	42,875.9	10,807.5	8,164.5	11,765.8	6,491.3	9,366.4	21,130.9	<b>110,579.6</b>
1990-91	43,830.3	10,400.9	8,114.2	11,341.7	6,232.5	9,478.6	20,716.6	<b>109,968.9</b>
1991-92	45,728.3	10,771.8	8,481.1	11,719.9	6,369.9	9,993.4	19,998.6	<b>112,960.9</b>
1992-93	46,074.6	10,931.5	8,221.7	12,478.4	6,208.4	10,167.3	19,561.7	<b>113,625.4</b>
1993-94	46,687.8	11,012.2	8,277.6	13,365.1	6,520.7	11,113.7	20,535.6	<b>117,541.2</b>
1994-95	49,190.0	11,354.0	8,501.0	14,072.2	7,001.8	11,775.1	22,312.9	<b>124,193.0</b>
1995-96	51,509.9	11,659.4	8,638.6	14,664.7	7,482.3	12,279.3	22,758.1	<b>128,965.6</b>
1996-97	51,857.6	11,585.9	8,482.6	15,412.6	7,208.1	12,686.7	21,594.0	<b>128,827.6</b>
1997-98	53,623.3	11,946.6	8,721.2	15,508.0	7,422.3	13,763.2	22,101.5	<b>133,086.0</b>
PERCENTAGE CHANGE FROM PREVIOUS YEAR								
1989-90	3.7	0.6	-3.2	2.8	7.5	7.7	4.0	<b>3.2</b>
1990-91	2.2	-3.8	-0.6	-3.6	-4.0	1.2	-2.0	<b>-0.6</b>
1991-92	4.3	3.6	4.5	3.3	2.2	5.4	-3.5	<b>2.7</b>
1992-93	0.8	1.5	-3.1	6.5	-2.5	1.7	-2.2	<b>0.6</b>
1993-94	1.3	0.7	0.7	7.1	5.0	9.3	5.0	<b>3.4</b>
1994-95	5.4	3.1	2.7	5.3	7.4	6.0	8.7	<b>5.7</b>
1995-96	4.7	2.7	1.6	4.2	6.9	4.3	2.0	<b>3.8</b>
1996-97	0.7	-0.6	-1.8	5.1	-3.7	3.3	-5.1	<b>-0.1</b>
1997-98	3.4	3.1	2.8	0.6	3.0	8.5	2.3	<b>3.3</b>
SEASONALLY ADJUSTED (\$ MILLION)								
1996-97								
December	12,884.2	2,899.9	2,131.7	3,823.5	1,787.5	3,102.9	5,324.5	<b>31,929.4</b>
March	13,045.9	2,932.1	2,087.6	3,926.3	1,792.9	3,216.7	5,398.8	<b>32,398.8</b>
June	13,003.7	2,843.5	2,100.5	3,847.3	1,840.2	3,316.6	5,453.8	<b>32,418.2</b>
1997-98								
September	13,272.5	3,011.4	2,124.3	3,893.1	1,867.5	3,365.1	5,542.8	<b>33,076.7</b>
December	13,334.9	2,981.8	2,179.9	3,934.5	1,868.0	3,385.1	5,502.2	<b>33,186.4</b>
March	13,538.7	2,987.8	2,165.9	3,875.9	1,852.5	3,493.2	5,442.8	<b>33,356.7</b>
June	13,477.2	2,965.6	2,251.1	3,804.4	1,834.3	3,519.8	5,613.7	<b>33,466.2</b>
1998-99								
September	13,491.0	3,139.1	2,384.1	3,764.5	1,882.3	3,473.0	5,802.9	<b>33,936.8</b>
December	13,553.7	3,091.4	2,421.1	3,729.4	1,903.3	3,520.2	5,877.6	<b>34,096.7</b>
PERCENTAGE CHANGE FROM PREVIOUS QUARTER								
1997-98								
December	0.5	-1.0	2.6	1.1	0.0	0.6	-0.7	<b>0.3</b>
March	1.5	0.2	-0.6	-1.5	-0.8	3.2	-1.1	<b>0.5</b>
June	-0.5	-0.7	3.9	-1.8	-1.0	0.8	3.1	<b>0.3</b>
1998-99								
September	0.1	5.8	5.9	-1.1	2.6	-1.3	3.4	<b>1.4</b>
December	0.5	-1.5	1.6	-0.9	1.1	1.4	1.3	<b>0.5</b>

Source: Retail Trade, Australia (8501.0).

RETAIL TURNOVER



Source: ABS 8501.0 Monthly data

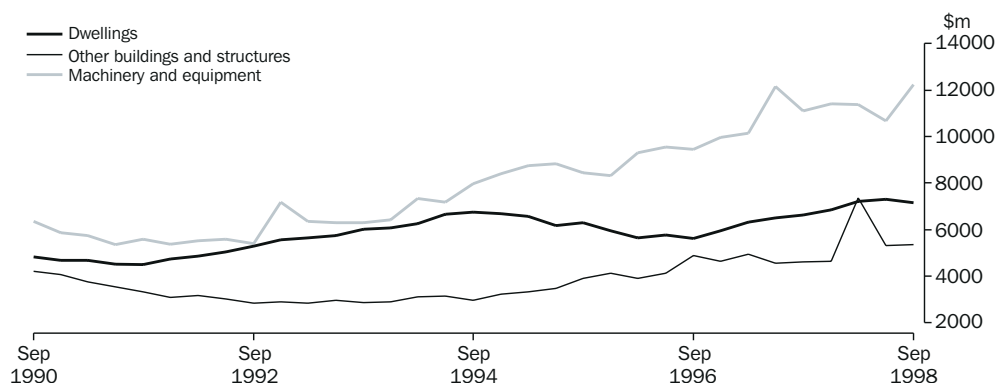
TABLE 3.3. RETAIL TURNOVER BY INDUSTRY GROUP

Period	Food retailing	Department stores	Clothing and soft good retailing	Household good retailing	Recreational good retailing	Other retailing	Hospitality and services	Total
ANNUAL (\$ MILLION)								
1989-90	33,860.4	9,826.2	7,559.8	11,484.2	5,068.3	7,891.0	16,618.0	<b>92,308.0</b>
1990-91	36,097.1	9,834.5	7,840.1	11,308.0	5,071.3	8,272.8	17,336.7	<b>95,760.5</b>
1991-92	38,779.2	10,354.7	8,333.9	11,727.9	5,405.7	8,994.4	17,280.2	<b>100,876.0</b>
1992-93	40,179.6	10,648.5	8,148.8	12,457.9	5,571.2	9,458.5	17,309.4	<b>103,774.0</b>
1993-94	41,954.4	10,797.9	8,157.2	13,490.9	6,058.3	10,499.4	18,627.4	<b>109,585.4</b>
1994-95	45,471.8	11,209.0	8,388.2	14,326.1	6,668.3	11,358.7	20,853.4	<b>118,275.4</b>
1995-96	49,948.8	11,607.3	8,578.5	14,843.5	7,290.6	12,123.3	22,223.4	<b>126,615.3</b>
1996-97	51,857.6	11,585.9	8,482.6	15,412.6	7,208.1	12,686.7	21,594.0	<b>128,827.6</b>
1997-98	54,616.7	11,994.8	8,764.4	15,390.7	7,621.4	13,769.2	22,428.3	<b>134,585.5</b>
PERCENTAGE CHANGE FROM PREVIOUS YEAR								
1989-90	10.8	4.8	1.8	5.1	9.7	11.1	11.2	<b>8.7</b>
1990-91	6.6	0.1	3.7	-1.5	0.1	4.8	4.3	<b>3.7</b>
1991-92	7.4	5.3	6.3	3.7	6.6	8.7	-0.3	<b>5.3</b>
1992-93	3.6	2.8	-2.2	6.2	3.1	5.2	0.2	<b>2.9</b>
1993-94	4.4	1.4	0.1	8.3	8.7	11.0	7.6	<b>5.6</b>
1994-95	8.4	3.8	2.8	6.2	10.1	8.2	12.0	<b>7.9</b>
1995-96	9.8	3.6	2.3	3.6	9.3	6.7	6.6	<b>7.1</b>
1996-97	3.8	-0.2	-1.1	3.8	-1.1	4.6	-2.8	<b>1.7</b>
1997-98	5.3	3.5	3.3	-0.1	5.7	8.5	3.9	<b>4.5</b>
TREND (\$ MILLION)								
1997-98								
October	4,502.9	1,006.4	722.5	1,296.7	642.6	1,124.3	1,860.8	<b>11,155.7</b>
November	4,528.8	1,006.7	726.0	1,298.1	642.3	1,130.1	1,855.6	<b>11,186.6</b>
December	4,556.6	1,005.9	727.6	1,297.1	639.8	1,139.4	1,852.1	<b>11,216.2</b>
January	4,583.3	1,002.4	727.9	1,293.3	636.0	1,150.5	1,852.7	<b>11,241.3</b>
February	4,608.1	1,000.1	728.9	1,286.4	632.5	1,161.7	1,858.6	<b>11,267.4</b>
March	4,628.7	1,000.3	732.9	1,277.4	630.2	1,171.2	1,872.1	<b>11,298.3</b>
April	4,615.1	1,004.8	741.3	1,268.0	629.6	1,177.0	1,891.4	<b>11,337.9</b>
May	4,632.8	1,010.5	753.3	1,260.5	631.5	1,178.5	1,915.0	<b>11,387.3</b>
June	4,654.1	1,018.7	767.4	1,255.4	637.3	1,177.1	1,941.5	<b>11,452.6</b>
1998-99								
July	4,678.5	1,027.5	780.5	1,251.9	646.2	1,174.8	1,966.6	<b>11,525.1</b>
August	4,702.5	1,034.9	791.2	1,249.2	655.5	1,173.3	1,986.8	<b>11,592.2</b>
September	4,722.4	1,039.8	798.8	1,246.0	662.9	1,173.2	2,002.0	<b>11,644.6</b>
October	4,738.5	1,042.2	803.9	1,241.9	667.6	1,174.3	2,012.7	<b>11,681.1</b>
November	4,751.0	1,043.0	807.1	1,237.1	670.1	1,176.0	2,019.4	<b>11,704.4</b>
December	4,759.9	1,043.1	809.1	1,232.5	670.5	1,176.8	2,023.7	<b>11,717.6</b>
PERCENTAGE CHANGE FROM PREVIOUS MONTH								
1997-98								
June	0.5	0.8	1.9	-0.4	0.9	-0.1	1.4	<b>0.6</b>
1998-99								
July	0.5	0.9	1.7	-0.3	1.4	-0.2	1.3	<b>0.6</b>
August	0.5	0.7	1.4	-0.2	1.4	-0.1	1.0	<b>0.6</b>
September	0.4	0.5	1.0	-0.3	1.1	0.0	0.8	<b>0.5</b>
October	0.3	0.2	0.6	-0.3	0.7	0.1	0.5	<b>0.3</b>
November	0.3	0.1	0.4	-0.4	0.4	0.1	0.3	<b>0.2</b>
December	0.2	0.0	0.2	-0.4	0.1	0.1	0.2	<b>0.1</b>

Source: Retail Trade, Australia (8501.0).

**CONSUMPTION  
AND  
INVESTMENT**

**PRIVATE GROSS FIXED CAPITAL FORMATION,  
Seasonally adjusted, Chain volume measures**



Source: ABS 5206.0 Quarterly data

**TABLE 3.4. PRIVATE GROSS FIXED CAPITAL FORMATION AND INVENTORIES**  
Chain Volume Measures, Reference year 1996-97

Period	Private gross fixed capital formation						Change in inventories		
	Dwellings	Other buildings and structures	Machinery and equipment	Livestock	Intangible fixed assets	Ownership transfer costs	Total	Private non-farm	Farm and public authority
ANNUAL (\$ MILLION)									
1989-90	20,992	18,490	26,729	1,088	2,985	5,236	74,567	2,428	2,543
1990-91	18,733	15,561	23,308	809	3,190	5,422	66,322	-2,856	960
1991-92	19,159	12,580	22,107	571	3,299	5,981	63,008	-1,928	-753
1992-93	22,246	11,511	25,235	1,349	4,143	6,052	69,605	510	39
1993-94	25,021	12,021	27,267	1,527	4,586	6,721	76,044	1,343	232
1994-95	26,154	13,006	33,922	1,006	5,043	6,469	85,367	3,778	-1,017
1995-96	23,700	16,027	35,580	1,125	5,339	5,851	87,484	2,406	-950
1996-97	24,428	18,999	41,677	1,112	6,456	6,114	98,787	1,627	-3,073
1997-98	28,003	21,935	44,521	1,182	6,975	6,832	109,447	1,997	20
PERCENTAGE CHANGE FROM PREVIOUS YEAR									
1989-90	-5.1	7.7	-5.2	-16.0	18.6		-3.7	n.a.	na
1990-91	-10.8	-15.8	-12.8	-25.7	6.9	3.6	-11.1		
1991-92	2.3	-19.2	-5.2	-29.4	3.4	10.3	-5.0		
1992-93	16.1	-8.5	14.1	136.3	25.6	1.9	10.5		
1993-94	12.5	4.4	8.1	13.2	10.7	11.1	9.3		
1994-95	4.5	8.2	24.4	-34.1	10.0	-3.7	12.3		
1995-96	-9.4	23.2	4.9	11.8	5.9	-9.6	2.5		
1996-97	3.1	18.5	17.1	-1.2	20.9	4.5	12.9		
1997-98	14.6	15.5	6.8	6.3	8.0	11.7	10.8		
SEASONALLY ADJUSTED (\$ MILLION)									
1996-97									
September	5,628	4,881	9,437	255	1,510	1,449	23,145	1,121	-132
December	5,956	4,644	9,965	253	1,602	1,467	23,888	757	-159
March	6,325	4,935	10,143	283	1,635	1,531	24,822	-621	-603
June	6,518	4,540	12,132	321	1,709	1,668	26,932	598	-2,336
1997-98									
September	6,630	4,621	11,092	287	1,618	1,701	25,949	-390	-479
December	6,856	4,635	11,397	278	1,699	1,662	26,527	111	-193
March	7,204	7,373	11,367	321	1,817	1,740	29,822	1,380	705
June	7,313	5,307	10,664	295	1,842	1,729	27,149	907	346
1998-99									
September	7,153	5,355	12,246	220	1,825	1,644	28,443	973	-236
PERCENTAGE CHANGE FROM PREVIOUS QUARTER									
1997-98									
September	1.7	1.8	-8.6	-10.4	-5.4	2.0	-3.6	n.a.	n.a.
December	3.4	0.3	2.7	-3.2	5.0	-2.3	2.2		
March	5.1	59.1	-0.3	15.3	7.0	4.7	12.4		
June	1.5	-28.0	-6.2	-8.0	1.3	-0.6	-9.0		
1998-99									
September	-2.2	0.9	14.8	-25.3	-0.9	-4.9	4.8		

Source: Australian National Accounts: National Income, Expenditure and Product (5206.0).

TABLE 3.5. ACTUAL PRIVATE NEW CAPITAL EXPENDITURE BY TYPE OF ASSET AND SELECTED INDUSTRY (a)

Period	Current prices					Chain volume measures (reference year 1996-97)					Total	
	Asset		Industry			Asset		Industry				
	Buildings and structures	Equipment, plant and machinery	Mining	Manufacturing	Other selected industries	Buildings and structures	Equipment, plant and machinery	Mining	Manufacturing	Other selected industries		
ANNUAL (\$ MILLION)												
1989-90	11,775	19,476	4,054	8,439	18,757	<b>31,251</b>	12,158	19,275	4,380	8,798	17,874	31,253
1990-91	11,220	18,368	4,566	7,663	17,359	<b>29,588</b>	11,364	17,765	4,780	7,751	16,296	28,959
1991-92	8,319	16,814	4,216	7,324	13,593	<b>25,133</b>	8,666	16,067	4,427	7,351	12,834	24,633
1992-93	8,100	19,137	5,483	7,537	14,218	<b>27,237</b>	8,549	17,510	5,664	7,294	13,105	26,003
1993-94	8,294	21,696	5,585	8,350	16,055	<b>29,990</b>	8,748	19,522	5,712	7,959	14,632	28,283
1994-95	9,093	26,467	6,351	10,352	18,857	<b>35,561</b>	9,432	24,535	6,452	10,016	17,665	34,149
1995-96	12,348	28,124	7,525	10,457	22,491	<b>40,473</b>	12,561	26,254	7,512	10,094	21,182	38,826
1996-97	14,330	29,507	8,781	10,198	24,859	<b>43,837</b>	14,330	29,507	8,781	10,198	24,858	43,837
1997-98	13,152	33,069	11,029	10,996	24,195	<b>46,220</b>	12,833	33,326	10,726	10,929	24,560	46,208
PERCENTAGE CHANGE FROM PREVIOUS YEAR												
1989-90	6.4	1.3	2.0	12.2	-0.2	<b>3.2</b>	-0.9	-0.7	-2.7	8.6	-4.2	-0.8
1990-91	-4.7	-5.7	12.6	-9.2	-7.5	<b>-5.3</b>	-6.5	-7.8	9.1	-11.9	-8.8	-7.3
1991-92	-25.9	-8.5	-7.7	-4.4	-21.7	<b>-15.1</b>	-23.7	-9.6	-7.4	-5.2	-21.2	-14.9
1992-93	-2.6	13.8	30.0	2.9	4.6	<b>8.4</b>	-1.3	9.0	27.9	-0.8	2.1	5.6
1993-94	2.4	13.4	1.9	10.8	12.9	<b>10.1</b>	2.3	11.5	0.8	9.1	11.7	8.8
1994-95	9.6	22.0	13.7	24.0	17.5	<b>18.6</b>	7.8	25.7	13.0	25.8	20.7	20.7
1995-96	35.8	6.3	18.5	1.0	19.3	<b>13.8</b>	33.2	7.0	16.4	0.8	19.9	13.7
1996-97	16.1	4.9	16.7	-2.5	10.5	<b>8.3</b>	14.1	12.4	16.9	1.0	17.4	12.9
1997-98	-8.2	12.1	25.6	7.8	-2.7	<b>5.4</b>	-10.4	12.9	22.2	7.2	-1.2	5.4
SEASONALLY ADJUSTED (\$ MILLION)												
1996-97												
December	3,531	7,194	2,092	2,532	6,101	<b>10,725</b>	3,476	7,167	2,097	2,492	6,055	10,647
March	3,873	7,322	2,355	2,575	6,265	<b>11,195</b>	3,856	7,367	2,346	2,606	6,267	11,211
June	3,457	7,729	2,273	2,630	6,282	<b>11,185</b>	3,364	7,929	2,266	2,593	6,457	11,313
1997-98												
September	3,005	8,018	2,602	2,653	5,767	<b>11,022</b>	3,013	8,213	2,577	2,751	5,908	11,235
December	3,356	8,438	2,758	3,004	6,032	<b>11,794</b>	3,222	8,559	2,695	2,953	6,137	11,782
March	3,120	8,565	2,808	2,664	6,213	<b>11,685</b>	3,048	8,592	2,709	2,642	6,289	11,637
June	3,703	8,056	2,888	2,654	6,216	<b>11,759</b>	3,550	8,011	2,750	2,582	6,226	11,555
1998-99												
September	3,836	8,695	2,542	2,688	7,300	<b>12,530</b>	3,730	8,562	2,389	2,641	7,289	12,321
PERCENTAGE CHANGE FROM PREVIOUS QUARTER — SEASONALLY ADJUSTED												
1997-98												
September	-13.1	3.7	14.5	0.9	-8.2	<b>-1.5</b>	-10.0	4.0	14.0	6.0	-8.0	-1.0
December	11.7	5.2	6.0	13.2	4.6	<b>7.0</b>	7.0	4.0	5.0	7.0	4.0	5.0
March	-7.0	1.5	1.8	-11.3	3.0	<b>-0.9</b>	-5.0	0.0	1.0	-11.0	2.0	-1.0
June	18.7	-5.9	2.9	-0.4	0.0	<b>0.6</b>	16.0	-7.0	2.0	-2.0	-1.0	-1.0
1998-99												
September	3.6	7.9	-12.0	1.3	17.4	<b>6.6</b>	5.0	7.0	-13.0	2.0	17.0	7.0
TREND (\$ MILLION)												
1996-97												
December	3,695	7,215	2,165	2,536	6,209	<b>10,910</b>	3,728	7,180	2,165	2,513	6,219	10,898
March	3,599	7,363	2,239	2,553	6,169	<b>10,961</b>	3,570	7,446	2,237	2,553	6,234	11,020
June	3,468	7,686	2,392	2,640	6,122	<b>11,153</b>	3,407	7,853	2,382	2,661	6,229	11,268
1997-98												
September	3,227	8,094	2,562	2,752	6,006	<b>11,320</b>	3,170	8,277	2,533	2,774	6,153	11,456
December	3,151	8,338	2,743	2,802	5,945	<b>11,490</b>	3,070	8,468	2,681	2,798	6,063	11,539
March	3,342	8,394	2,819	2,761	6,156	<b>11,736</b>	3,235	8,429	2,719	2,725	6,219	11,658
June	3,583	8,413	2,773	2,689	6,534	<b>11,996</b>	3,461	8,363	2,640	2,631	6,556	11,826
1998-99												
September	3,752	8,451	2,661	2,634	6,908	<b>12,203</b>	3,639	8,332	2,532	2,589	6,913	12,026
PERCENTAGE CHANGE FROM PREVIOUS QUARTER — TREND												
1997-98												
September	-7.0	5.3	7.1	4.3	-1.9	<b>1.5</b>	-7.0	5.0	6.0	4.0	-1.0	2.0
December	-2.3	3.0	7.0	1.8	-1.0	<b>1.5</b>	-3.0	2.0	6.0	1.0	-1.0	1.0
March	6.0	0.7	2.8	-1.4	3.6	<b>2.1</b>	5.0	0.0	1.0	-3.0	3.0	1.0
June	7.2	0.2	-1.6	-2.6	6.1	<b>2.2</b>	7.0	-1.0	-3.0	-3.0	5.0	1.0
1998-99												
September	4.7	0.5	-4.0	-2.0	5.7	<b>1.7</b>	5.0	0.0	-4.0	-2.0	5.0	2.0

(a) : Excludes public sector and all businesses classified to agriculture, forestry, fishing, hunting and community services. Source: *Private New Capital Expenditure and Expected Expenditure, Australia* (5625.0).

TABLE 3.6. EXPECTED AND ACTUAL PRIVATE NEW CAPITAL EXPENDITURE BY SELECTED INDUSTRY (a) AND TYPE OF ASSET

Period	Estimate 1	Estimate 2	Estimate 3	Estimate 4	Estimate 5	Estimate 6	Estimate 7
	Expected expenditure reported 5-6 months before period began	Expected expenditure reported 2-3 months before period began	Expected expenditure reported at beginning of period	Expected expenditure reported 3-4 months into period (includes 3 months actual expenditure)	Expected expenditure reported 6-7 months into period (includes 6 months actual expenditure)	Expected expenditure reported 9-10 months into period (includes 9 months actual expenditure)	12 months actual expenditure
<b>NEW CAPITAL EXPENDITURE</b>							
TOTAL (\$ MILLION)							
1992-93	21,598	24,262	25,754	26,767	27,846	28,249	27,237
1993-94	23,244	24,820	25,796	27,682	29,982	30,832	29,990
1994-95	25,997	30,167	31,736	33,844	35,087	35,825	35,561
1995-96	27,769	32,161	35,084	37,315	39,603	40,450	40,473
1996-97	32,400	36,817	40,401	42,484	43,629	44,614	43,837
1997-98	32,321	37,479	40,860	44,988	46,229	46,892	46,220
1998-99	37,916	41,492	44,611	45,299	nya	nya	nya
<b>NEW CAPITAL EXPENDITURE BY INDUSTRY</b>							
MINING (\$ MILLION)							
1992-93	4,617	4,787	5,628	5,831	6,125	5,895	5,483
1993-94	6,921	7,044	6,854	6,249	5,889	6,147	5,585
1994-95	5,370	6,013	6,666	6,897	6,976	6,951	6,351
1995-96	5,541	6,720	7,472	7,627	7,764	7,788	7,525
1996-97	7,789	9,913	10,113	9,932	9,452	9,354	8,781
1997-98	8,592	9,588	11,026	11,908	12,090	11,551	11,029
1998-99	9,404	10,088	9,239	8,858	nya	nya	nya
<b>MANUFACTURING (\$ MILLION)</b>							
1992-93	7,888	8,088	8,324	8,164	8,015	7,942	7,537
1993-94	6,677	7,227	7,848	8,409	8,732	8,688	8,350
1994-95	7,700	8,839	9,445	10,255	10,309	10,474	10,352
1995-96	8,975	9,964	10,721	11,185	11,160	10,978	10,457
1996-97	9,711	10,037	10,652	11,081	10,350	10,359	10,198
1997-98	7,727	8,826	10,108	10,936	11,066	11,451	10,996
1998-99	8,679	10,412	11,166	11,254	nya	nya	nya
<b>OTHER SELECTED INDUSTRIES (\$ MILLION)</b>							
1992-93	9,434	11,391	11,751	12,929	13,830	14,462	14,218
1993-94	9,646	10,549	11,028	13,047	15,421	15,940	16,055
1994-95	12,947	15,116	15,624	16,692	17,803	18,400	18,857
1995-96	13,253	15,478	16,890	18,503	20,679	21,683	22,491
1996-97	14,900	16,867	19,636	21,470	23,827	24,901	24,859
1997-98	16,002	19,065	19,726	22,144	23,074	23,889	24,195
1998-99	19,833	20,992	24,206	25,186	nya	nya	nya
<b>NEW CAPITAL EXPENDITURE BY ASSET</b>							
BUILDINGS AND STRUCTURES (\$ MILLION)							
1992-93	6,791	7,465	8,104	8,373	9,001	8,642	8,100
1993-94	7,785	8,114	7,689	8,250	8,804	8,888	8,294
1994-95	7,840	9,155	9,650	9,012	10,016	9,798	9,093
1995-96	8,700	9,528	10,479	11,878	12,861	12,373	12,348
1996-97	9,559	11,643	14,017	15,056	15,633	15,769	14,330
1997-98	12,085	14,505	13,668	14,014	13,593	13,740	13,152
1998-99	11,812	13,587	14,768	14,823	nya	nya	nya
<b>EQUIPMENT, PLANT AND MACHINERY (\$ MILLION)</b>							
1992-93	14,884	16,725	17,650	18,530	18,845	19,607	19,137
1993-94	15,461	16,706	17,974	19,380	21,189	21,881	21,696
1994-95	18,176	20,814	22,085	24,832	25,072	26,027	26,467
1995-96	19,069	22,634	24,605	25,437	26,742	28,077	28,124
1996-97	22,841	25,174	26,384	27,428	27,996	28,845	29,507
1997-98	20,229	22,974	27,193	30,974	32,637	33,151	33,069
1998-99	26,104	27,905	29,843	30,476	nya	nya	nya

(a) : Excludes public sector and all businesses classified to agriculture, forestry, fishing, hunting and community services. Source: *Private New Capital Expenditure and Expected Expenditure, Australia* (5625.0).



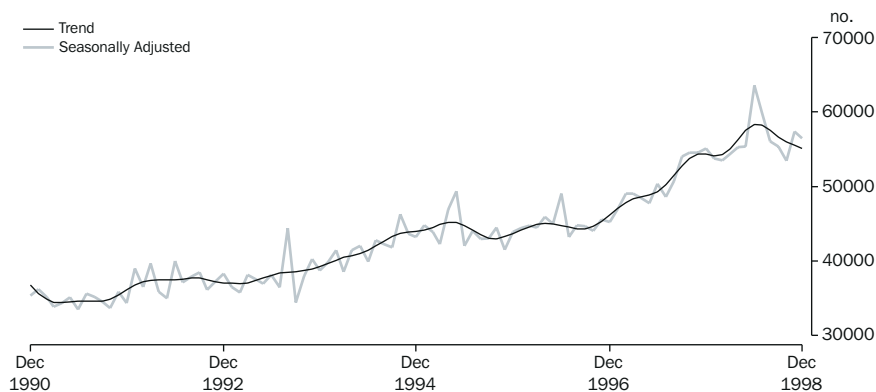
TABLE 3.7. BOOK VALUE OF STOCKS OWNED BY PRIVATE BUSINESS (a)

Period	Current prices					Chain volume measures (reference year 1996-97)						
	Mining	Manu- facturing	Whole- sale trade	Retail trade	Other selected indus- tries	Total	Mining	Manu- facturing	Whole- sale trade	Retail trade	Other selected indus- tries	Total
ANNUAL (\$ MILLION)												
1989-90	3,373	24,946	17,862	13,509	530	<b>60,220</b>	3,763	27,444	18,778	15,956	652	66,513
1990-91	3,862	24,116	16,954	13,671	647	<b>59,249</b>	4,050	25,983	17,451	15,595	754	63,690
1991-92	3,598	23,448	16,648	13,721	664	<b>58,080</b>	3,812	25,144	16,901	15,294	755	61,749
1992-93	4,048	24,628	16,135	14,963	505	<b>60,279</b>	4,167	25,874	15,766	16,130	560	62,262
1993-94	3,754	24,285	19,284	14,256	446	<b>62,026</b>	3,937	25,365	18,662	15,028	481	63,454
1994-95	3,455	26,668	21,271	15,992	539	<b>67,926</b>	3,486	26,253	20,460	16,421	561	67,203
1995-96	4,004	28,431	21,293	16,146	495	<b>70,369</b>	4,047	28,391	20,946	16,221	497	70,124
1996-97	4,499	27,893	21,173	17,076	701	<b>71,342</b>	4,471	27,788	21,404	17,001	690	71,354
1997-98	4,484	29,039	23,662	16,610	834	<b>74,630</b>	4,411	28,603	23,236	16,288	810	73,348
PERCENTAGE CHANGE FROM PREVIOUS YEAR												
1989-90	27.2	8.6	5.2	6.7	5.1	<b>8.0</b>	25.3	4.6	1.4	1.6	-1.5	3.8
1990-91	14.5	-3.3	-5.1	1.2	22.0	<b>-1.6</b>	7.6	-5.3	-7.1	-2.3	15.6	-4.2
1991-92	-6.8	-2.8	-1.8	0.4	2.6	<b>-2.0</b>	-5.9	-3.2	-3.2	-1.9	0.1	-3.0
1992-93	12.5	5.0	-3.1	9.1	-23.9	<b>3.8</b>	9.3	2.9	-6.7	5.5	-25.9	0.8
1993-94	-7.3	-1.4	19.5	-4.7	-11.7	<b>2.9</b>	-5.5	-2.0	18.4	-6.8	-14.0	1.9
1994-95	-8.0	9.8	10.3	12.2	20.9	<b>9.5</b>	-11.5	3.5	9.6	9.3	16.6	5.9
1995-96	15.9	6.6	0.1	1.0	-8.2	<b>3.6</b>	16.1	8.1	2.4	-1.2	-11.3	4.3
1996-97	12.4	-1.9	-0.6	5.8	41.6	<b>1.4</b>	10.5	-2.1	2.2	4.8	38.7	1.8
1997-98	-0.3	4.1	11.8	-2.7	19.0	<b>4.6</b>	-1.3	2.9	8.6	-4.2	17.4	2.8
SEASONALLY ADJUSTED (\$ MILLION)												
1996-97												
September	4,266	28,633	21,331	16,857	618	<b>71,705</b>	4,300	28,672	21,249	16,901	618	71,749
December	4,480	28,535	21,259	17,224	640	<b>72,139</b>	4,462	28,648	21,354	17,230	640	72,335
March	4,422	28,158	21,157	17,034	628	<b>71,398</b>	4,389	28,227	21,341	16,982	627	71,573
June	4,576	27,778	21,469	17,473	730	<b>72,027</b>	4,547	27,675	21,703	17,396	719	72,040
1997-98												
September	4,402	27,479	22,245	17,084	687	<b>71,897</b>	4,347	27,248	22,362	17,005	674	71,636
December	4,256	27,831	23,087	16,747	815	<b>72,735</b>	4,141	27,319	22,919	16,598	799	71,775
March	4,451	28,387	23,270	17,097	869	<b>74,074</b>	4,359	27,993	23,056	16,895	840	73,141
June	4,560	28,915	23,994	17,001	870	<b>75,339</b>	4,486	28,482	23,562	16,671	844	74,045
1998-99												
September	4,252	29,913	24,931	16,830	886	<b>76,812</b>	4,211	29,263	24,200	16,462	849	74,985
PERCENTAGE CHANGE FROM PREVIOUS QUARTER — SEASONALLY ADJUSTED												
1997-98												
September	-3.8	-1.1	3.6	-2.2	-5.9	<b>-0.2</b>	-4.4	-1.5	3.0	-2.2	-6.2	-0.6
December	-3.3	1.3	3.8	-2.0	18.6	<b>1.2</b>	-4.7	0.3	2.5	-2.4	18.5	0.2
March	4.6	2.0	0.8	2.1	6.7	<b>1.8</b>	5.3	2.5	0.6	1.8	5.1	1.9
June	2.5	1.9	3.1	-0.6	0.0	<b>1.7</b>	2.9	1.7	2.2	-1.3	0.6	1.2
1998-99												
September	-6.8	3.5	3.9	-1.0	1.9	<b>2.0</b>	-6.1	2.7	2.7	-1.3	0.5	1.3
TREND (\$ MILLION)												
1996-97												
September	4,274	28,584	21,358	16,838	590	<b>71,644</b>	4,295	28,600	21,254	16,879	591	71,630
December	4,422	28,490	21,224	17,072	632	<b>71,840</b>	4,420	28,580	21,320	17,066	631	72,023
March	4,504	28,146	21,214	17,259	660	<b>71,783</b>	4,480	28,207	21,419	17,219	656	71,983
June	4,481	27,764	21,590	17,231	685	<b>71,751</b>	4,439	27,671	21,788	17,161	678	71,739
1997-98												
September	4,400	27,617	22,216	17,094	736	<b>72,063</b>	4,334	27,341	22,302	16,999	723	71,698
December	4,383	27,810	22,857	16,985	798	<b>72,833</b>	4,291	27,418	22,779	16,841	779	72,108
March	4,411	28,363	23,445	16,949	848	<b>74,016</b>	4,318	27,917	23,181	16,727	823	72,966
June	4,429	29,040	24,070	16,961	880	<b>75,379</b>	4,355	28,543	23,608	16,657	849	74,012
1998-99												
September	4,398	29,724	24,753	16,936	889	<b>76,700</b>	4,351	29,168	24,082	16,559	854	75,043
PERCENTAGE CHANGE FROM PREVIOUS QUARTER — TREND												
1997-98												
September	-1.8	-0.5	2.9	-0.8	7.4	<b>0.4</b>	-2.4	-1.2	2.4	-0.9	6.7	-0.1
December	-0.4	0.7	2.9	-0.6	8.4	<b>1.1</b>	-1.0	0.3	2.1	-0.9	7.8	0.6
March	0.6	2.0	2.6	-0.2	6.2	<b>1.6</b>	0.6	1.8	1.8	-0.7	5.6	1.2
June	0.4	2.4	2.7	0.1	3.8	<b>1.8</b>	0.9	2.2	1.8	-0.4	3.2	1.4
1998-99												
September	-0.7	2.4	2.8	-0.1	1.0	<b>1.8</b>	-0.1	2.2	2.0	-0.6	0.5	1.4

(a) : Excludes public sector and all businesses classified to agriculture, forestry, fishing, hunting, community services and construction. Data is as at the end of period. Source: Stocks and Sales, Selected Industries, Australia (5629.0).



REGISTRATIONS OF PASSENGER VEHICLES



Source: ABS 9303.0.40.003 Monthly data

TABLE 3.8. NEW MOTOR VEHICLE REGISTRATIONS BY TYPE OF VEHICLE

Period	Original		Total	Seasonally adjusted			Trend		Total
	Passenger vehicles (a)	Other vehicles (b)		Passenger vehicles (a)	Other vehicles (b)	Total	Passenger vehicles (a)	Other vehicles (b)	
ANNUAL									
1989-90	492,236	135,588	<b>627,824</b>	na	na	na	na	na	na
1990-91	440,713	101,483	<b>542,196</b>						
1991-92	437,024	84,161	<b>521,185</b>						
1992-93	449,777	91,728	<b>541,505</b>						
1993-94	475,973	98,288	<b>574,261</b>						
1994-95	528,499	110,408	<b>638,907</b>						
1995-96	531,778	104,751	<b>636,529</b>						
1996-97	557,963	105,889	<b>663,852</b>						
1997-98	654,697	117,148	<b>771,845</b>						
PERCENTAGE CHANGE FROM PREVIOUS YEAR									
1989-90	9.9	11.8	<b>10.3</b>	na	na	na	na	na	na
1990-91	-10.5	-25.2	<b>-13.6</b>						
1991-92	-0.8	-17.1	<b>-3.9</b>						
1992-93	2.9	9.0	<b>3.9</b>						
1993-94	5.8	7.2	<b>6.0</b>						
1994-95	11.0	12.3	<b>11.3</b>						
1995-96	0.6	-5.1	<b>-0.4</b>						
1996-97	4.9	1.1	<b>4.3</b>						
1997-98	17.3	10.6	<b>16.3</b>						
MONTHLY									
1997-98									
October	57,471	9,180	<b>66,651</b>	54,533	9,157	63,691	53,822	9,254	63,076
November	52,945	8,521	<b>61,466</b>	54,576	8,981	63,558	54,381	9,370	63,751
December	58,252	9,675	<b>67,927</b>	55,178	9,645	64,822	54,379	9,542	63,921
January	44,164	7,163	<b>51,327</b>	53,738	9,723	63,462	54,161	9,760	63,921
February	50,794	9,424	<b>60,218</b>	53,502	10,347	63,849	54,262	9,983	64,245
March	57,735	10,567	<b>68,302</b>	54,396	9,942	64,338	55,039	10,176	65,214
April	50,735	9,912	<b>60,647</b>	55,315	10,432	65,747	56,347	10,303	66,650
May	54,185	10,868	<b>65,053</b>	55,372	10,095	65,467	57,599	10,349	67,948
June	73,153	14,901	<b>88,054</b>	63,566	10,809	74,375	58,312	10,356	68,667
1998-99									
July	63,188	10,781	<b>73,969</b>	59,927	10,153	70,080	58,249	10,367	68,617
August	54,789	9,551	<b>64,340</b>	56,044	10,411	66,455	57,550	10,405	67,955
September	55,336	9,893	<b>65,229</b>	55,385	10,254	65,639	56,661	10,469	67,130
October	54,632	9,986	<b>64,618</b>	53,456	10,429	63,885	55,964	10,556	66,520
November	57,161	10,679	<b>67,840</b>	57,457	11,079	68,536	55,564	10,656	66,220
December	60,418	10,667	<b>71,085</b>	56,523	10,680	67,203	55,118	10,724	65,842
PERCENTAGE CHANGE FROM PREVIOUS MONTH									
1997-98									
June	35.0	37.1	<b>35.4</b>	14.8	7.1	13.6	1.2	0.1	1.1
1998-99									
July	-13.6	-27.6	<b>-16.0</b>	-5.7	-6.1	-5.8	-0.1	0.1	-0.1
August	-13.3	-11.4	<b>-13.0</b>	-6.5	2.5	-5.2	-1.2	0.4	-1.0
September	1.0	3.6	<b>1.4</b>	-1.2	-1.5	-1.2	-1.5	0.6	-1.2
October	-1.3	0.9	<b>-0.9</b>	-3.5	1.7	-2.7	-1.2	0.8	-0.9
November	4.6	6.9	<b>5.0</b>	7.5	6.2	7.3	-0.7	0.9	-0.5
December	5.7	-0.1	<b>4.8</b>	-1.6	-3.6	-1.9	-0.8	0.6	-0.6

(a) : Includes cars, station wagons, 4wd passenger vehicles and forward control passenger vehicles. (b) : Excludes motor cycles, plant and equipment, caravans and trailers. Source: New Motor Vehicle Registrations, Australia, Preliminary (9303.0.40.003).

# 4

# PRODUCTION

---

## TABLES

4.1	Indexes of industrial production by industry . . . . .	52
4.2	Livestock products : selected indicators . . . . .	54
4.3	Manufacturing production : selected indicators . . . . .	55
4.4	Manufacturers' sales and stocks . . . . .	56
4.5	Private mineral and petroleum exploration actual and expected . . . . .	57
4.6	Production of selected minerals . . . . .	57
4.7	Building approvals, number and value . . . . .	58
4.8	Building commencements, number and value, chain volume measures . . . . .	59
4.9	Value of building work done, chain volume measures . . . . .	59
4.10	Construction activity at average 1989–90 prices . . . . .	60
4.11	Engineering construction activity : value of work done, chain volume measures . . . . .	61
4.12	Tourist accommodation . . . . .	62

---

## RELATED PUBLICATIONS

*Stocks and Sales, Selected Industries, Australia* (5629.0)

*Livestock Products, Australia* (7215.0)

*Quarterly Indexes of Industrial Production* (8125.0)

*Manufacturing Production, Australia* (8301.0)

*Actual and Expected Private Mineral Exploration, Australia* (8412.0)

*Tourist Accommodation, Australia* (8635.0)

*Building Approvals, Australia* (8731.0)

*Building Activity, Australia: Dwelling Unit Commencements, Preliminary* (8750.0)

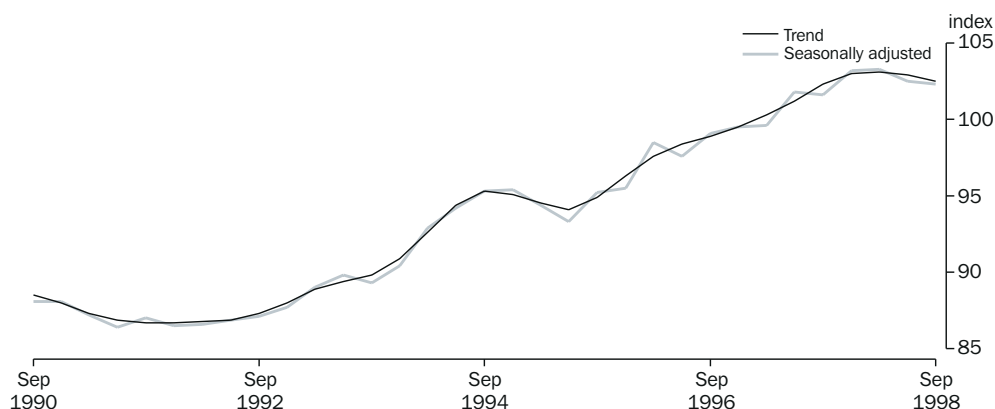
*Building Activity, Australia* (8752.0)

*Engineering Construction Activity, Australia* (8762.0)

*Australian Mineral Statistics — Australian Bureau of Agricultural and Resource Economics (ABARE)*

PRODUCTION

INDEX OF TOTAL INDUSTRIAL PRODUCTION, 1996-97 = 100



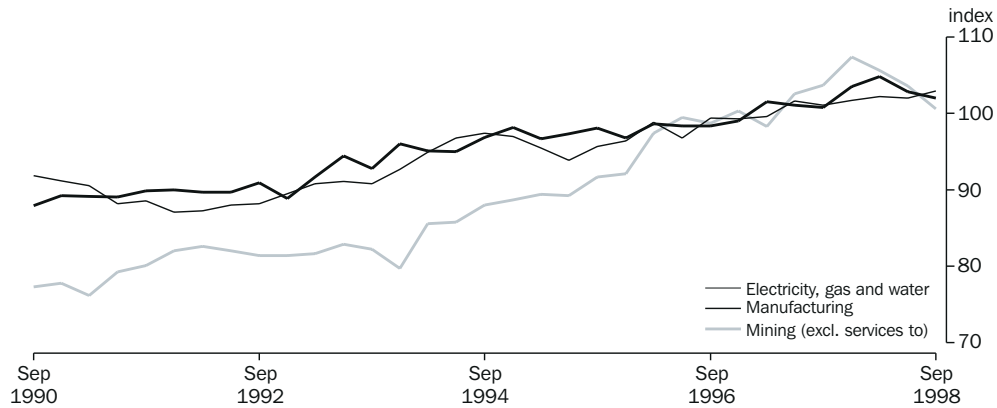
Source: National Accounts Section, ABS Quarterly data

TABLE 4.1. INDEXES OF INDUSTRIAL PRODUCTION BY INDUSTRY

Period	Mining (excluding services to mining)	Total manufacturing	Electricity, gas and water	Total industrial(a)	Selected manufacturing industries		
					Food, beverages and tobacco	Textile, clothing, footwear and leather	Wood and paper products
ANNUAL (1996-97 = 100.0)							
1989-90	72.5	92.4	87.0	86.9	89.3	117.6	91.1
1990-91	77.7	90.4	88.8	87.2	92.2	114.6	87.2
1991-92	81.7	87.8	89.8	86.8	91.8	108.3	85.5
1992-93	81.9	89.9	91.5	88.4	93.0	103.8	90.5
1993-94	83.3	93.8	94.7	91.6	95.5	105.7	93.2
1994-95	88.8	95.9	97.3	94.5	96.6	103.2	96.4
1995-96	95.2	96.9	98.0	96.6	97.1	100.3	97.6
1996-97	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1997-98	105.1	101.7	103.0	102.6	106.0	93.8	103.5
PERCENTAGE CHANGE FROM PREVIOUS YEAR							
1989-90	11.6	-1.2	5.1	2.2	0.1	-9.9	-13.1
1990-91	7.1	-2.1	2.1	0.4	3.3	-2.6	-4.2
1991-92	5.2	-2.9	1.2	-0.4	-0.4	-5.4	-1.9
1992-93	0.2	2.4	1.8	1.8	1.4	-4.2	5.8
1993-94	1.8	4.4	3.5	3.7	2.6	1.8	3.0
1994-95	6.6	2.3	2.7	3.2	1.1	-2.3	3.5
1995-96	7.1	1.1	0.7	2.2	0.6	-2.8	1.2
1996-97	5.1	3.2	2.1	3.5	3.0	-0.3	2.5
1997-98	5.1	1.7	3.0	2.6	6.0	-6.2	3.5
SEASONALLY ADJUSTED (1996-97 = 100.0)							
1996-97							
September	98.7	99.4	98.4	99.1	97.0	97.3	96.0
December	100.3	99.3	99.0	99.5	103.0	100.0	99.1
March	98.3	99.6	101.5	99.6	99.1	102.3	101.9
June	102.6	101.6	101.1	101.8	100.9	100.4	103.1
1997-98							
September	103.7	101.1	100.8	101.6	105.6	90.8	103.2
December	107.4	101.7	103.5	103.2	105.6	97.1	102.3
March	105.6	102.2	104.8	103.3	107.7	90.4	99.7
June	103.6	102.0	102.8	102.5	105.3	97.0	108.7
1998-99							
September	100.6	102.9	102.0	102.3	106.4	99.4	110.3
PERCENTAGE CHANGE FROM PREVIOUS QUARTER							
1997-98							
September	1.1	-0.6	-0.3	-0.2	4.6	-9.5	0.1
December	3.6	0.6	2.7	1.5	0.0	6.9	-0.8
March	-1.7	0.5	1.2	0.1	2.0	-6.9	-2.6
June	-1.9	-0.2	-1.9	-0.8	-2.2	7.3	9.0
1998-99							
September	-3.0	0.9	-0.8	-0.2	1.0	2.4	1.4

(a) : Total industrial production describes the sum of the three groups: Mining excluding services to mining, manufacturing and electricity, gas and water. Source: ABS Constant Price Estimates Section.

INDEXES OF INDUSTRIAL PRODUCTION, Seasonally adjusted, 1996-97=100



Source: National Accounts Section, ABS Quarterly data

TABLE 4.1 INDEXES OF INDUSTRIAL PRODUCTION BY INDUSTRY — continued

Selected manufacturing industries — continued						
Period	Printing, publishing and recorded media	Petroleum, coal, chemical and associated products	Non-metallic mineral products	Metal products	Machinery and equipment	Other manufacturing
ANNUAL (1996-97 = 100.0)						
1989-90	90.5	83.2	118.6	92.5	87.8	101.9
1990-91	88.0	86.5	107.1	90.4	84.2	89.1
1991-92	82.3	84.6	104.4	89.2	80.0	85.6
1992-93	87.5	86.6	112.8	91.3	80.5	87.1
1993-94	89.5	91.5	115.2	94.7	87.7	92.6
1994-95	94.5	94.4	114.5	94.2	92.9	93.1
1995-96	95.6	97.7	99.0	97.0	96.0	92.7
1996-97	100.0	100.0	100.0	100.0	100.0	100.0
1997-98	111.0	104.2	95.7	94.3	99.2	108.9
PERCENTAGE CHANGE FROM PREVIOUS YEAR						
1989-90	2.3	-2.4	-1.8	1.6	-0.5	0.4
1990-91	-2.7	3.9	-9.7	-2.2	-4.1	-12.6
1991-92	-6.5	-2.2	-2.5	-1.3	-5.0	-4.0
1992-93	6.4	2.3	8.0	2.3	0.6	1.8
1993-94	2.2	5.7	2.2	3.7	8.8	6.2
1994-95	5.6	3.2	-0.6	-0.5	6.0	0.6
1995-96	1.2	3.4	-13.6	3.0	3.4	-0.4
1996-97	4.6	2.4	1.0	3.1	4.1	7.9
1997-98	11.0	4.2	-4.3	-5.7	-0.8	8.9
SEASONALLY ADJUSTED (1996-97 = 100.0)						
1996-97						
September	96.7	98.5	97.8	103.8	101.4	100.7
December	97.0	99.7	98.4	101.7	96.0	95.7
March	101.1	97.7	99.7	97.2	101.5	98.4
June	105.2	104.1	104.1	97.3	101.1	105.3
1997-98						
September	110.3	102.8	98.3	92.5	99.2	107.2
December	115.8	103.8	95.0	91.9	98.6	108.0
March	112.6	104.4	96.2	95.2	99.1	112.2
June	105.2	105.7	93.4	97.5	99.8	108.1
1998-99						
September	102.1	107.6	101.8	94.3	103.8	102.9
PERCENTAGE CHANGE FROM PREVIOUS QUARTER						
1997-98						
September	4.9	-1.2	-5.6	-5.0	-1.9	1.8
December	4.9	0.9	-3.3	-0.6	-0.6	0.7
March	-2.7	0.7	1.2	3.7	0.5	4.0
June	-6.6	1.2	-2.9	2.3	0.7	-3.7
1998-99						
September	-3.0	1.8	8.9	-3.2	4.0	-4.8

Source: ABS Constant Price Estimates Section.

PRODUCTION

TABLE 4.2. LIVESTOCK PRODUCTS : SELECTED INDICATORS

Period	Meat : carcass weight			Exports of				
	Wool receivals (a) (tonnes)	Red meat (tonnes)	Chicken meat (c) (tonnes)	Milk intake by factories (M litres)	Live sheep (b) ('000)	Live cattle (b) ('000)	Fresh or frozen meat (b) (tonnes)	Bacon, ham and canned meat (b) (tonnes)
ANNUAL								
1989-90	1,049,841	2,621,642	379,854	6,263	4,166	90	851,201	6,860
1990-91	1,012,665	2,740,569	388,244	6,404	3,141	95	958,118	5,977
1991-92	836,599	2,793,545	415,569	6,731	4,396	107	1,026,486	6,113
1992-93	844,076	2,797,507	434,716	7,328	5,097	149	1,045,074	5,869
1993-94	784,219	2,816,585	468,725	8,077	5,433	235	1,044,819	7,998
1994-95	679,435	2,776,273	466,550	8,208	5,697	386	1,013,522	6,969
1995-96	641,290	2,652,959	480,543	8,717	5,880	616	965,352	9,445
1996-97	685,348	2,715,282	496,414	9,022	5,237	864	957,775	12,047
1997-98	641,794	2,915,520	549,559	9,439	4,961	691	1,100,293	13,046
PERCENTAGE CHANGE FROM PREVIOUS YEAR								
1989-90	18.0	11.9	3.1	-0.4	34.2	3.18	23.9	-1.8
1990-91	-3.5	4.5	2.2	2.3	-24.6	6.1	12.6	-12.9
1991-92	-17.4	1.9	7.0	5.1	40.0	12.8	7.1	2.3
1992-93	0.9	0.1	4.6	8.9	16.0	38.3	1.8	-4.0
1993-94	-7.1	0.7	7.8	10.2	6.6	58.0	-0.0	36.3
1994-95	-13.4	-1.4	-0.5	1.6	4.9	64.3	-3.0	-12.9
1995-96	-5.6	-4.4	3.0	6.2	3.2	59.7	-4.8	35.5
1996-97	6.9	2.3	3.3	3.5	-10.9	40.3	-0.8	27.5
1997-98	-6.4	7.4	10.7	4.6	-5.3	-20.0	14.9	8.3
SEASONALLY ADJUSTED UNLESS FOOTNOTED								
1996-97								
December	169,918	662,596	124,367	2,258	1,522	176	249,118	3,029
March	168,592	689,640	122,089	2,259	1,507	199	224,422	2,779
June	189,355	730,918	127,454	2,306	987	288	269,919	3,094
1997-98								
September	159,262	731,387	134,740	2,380	1,287	253	269,289	3,513
December	165,437	724,450	136,234	2,362	1,213	172	295,140	3,744
March	155,170	736,475	138,134	2,306	1,278	131	255,746	2,844
June	159,442	718,783	141,652	2,410	1,183	138	278,816	2,948
1998-99								
September	240,798	744,914	142,395	2,524	1,006	131	287,778	3,853
December	161,100	749,476	138,567	nya	1,436	197	310,059	3,088
PERCENTAGE CHANGE FROM PREVIOUS MONTH								
1997-98								
December	3.9	-0.9	1.1	-0.8	-5.8	-32.0	9.6	6.6
March	-6.2	1.7	1.4	-2.4	5.4	-24.2	-13.3	-24.0
June	2.8	-2.4	2.5	4.5	-7.5	5.7	9.0	3.7
1998-99								
September	51.0	3.6	0.5	4.7	14.9	-5.1	3.2	30.7
December	-33.1	0.6	-2.7	nya	42.7	50.4	7.7	-19.9

(a) : Brokers' and dealers' receivals of taxable wool. (b) : Seasonally adjusted data not available. Original data provided. (c) : Excludes the Northern Territory, the Australian Capital Territory and Tasmania (after 1986-87). Source: *Livestock Products, Australia* (7215.0).

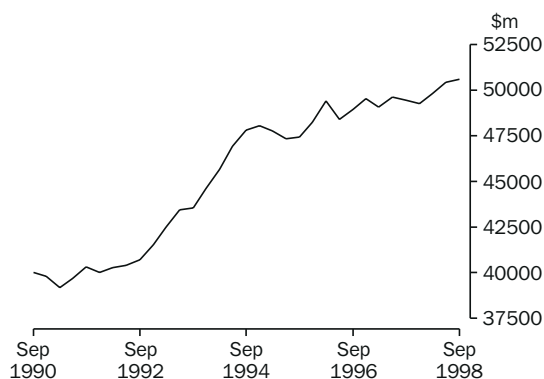
TABLE 4.3. MANUFACTURING PRODUCTION : SELECTED INDICATORS

Period	Clay bricks (million)	Portland cement ('000 tonnes)	Ready mixed concrete ('000 m <sup>3</sup> )	Basic iron ('000 tonnes)	Electricity (million kwh)	Automotive gasoline (mega-litres)	Automotive diesel oil (mega-litres)	Gas (peta-joules)	Beer (mega-litres)
ANNUAL									
1989-90	2,034	7,075	16,941	6,187	151,907	16,214	10,282	591	1,939
1990-91	1,762	6,110	14,286	5,599	153,823	16,455	10,285	536	1,915
1991-92	1,632	5,731	13,359	6,394	156,414	17,192	10,279	553	1,862
1992-93	1,722	6,225	14,548	6,445	159,872	17,730	10,603	569	1,805
1993-94	1,814	6,733	15,267	7,209	161,812	17,727	11,063	587	1,752
1994-95	1,860	7,124	15,892	7,449	165,065	17,912	11,366	629	1,788
1995-96	1,455	6,397	14,556	7,553	167,543	18,357	12,202	621	1,742
1996-97	1,467	6,701	15,545	7,346	168,415	18,084	12,968	637	1,735
1997-98	1,532	7,235	17,411	7,928	176,211	18,589	13,183	651	1,757
PERCENTAGE CHANGE FROM PREVIOUS YEAR									
1990-91	-13.4	-13.6	-15.7	-9.5	1.3	1.5	0.0	-9.3	-1.2
1991-92	-7.4	-6.2	-6.5	14.2	1.7	4.5	-0.1	3.2	2.8
1992-93	5.5	8.6	8.9	0.8	2.2	3.1	3.2	2.8	-3.1
1993-94	5.4	8.2	4.9	11.9	1.2	-0.0	4.3	3.2	-2.9
1994-95	2.5	5.8	4.1	3.3	2.0	1.0	2.7	7.2	2.0
1995-96	-21.8	-10.2	-8.4	1.4	1.5	2.5	7.4	-1.4	-2.5
1996-97	0.9	4.8	6.8	-2.7	0.5	-1.5	6.3	2.5	-0.4
1997-98	4.4	8.0	12.0	7.9	4.6	2.8	1.7	2.2	1.3
SEASONALLY ADJUSTED									
1996-97									
December	364	1,673	3,909	1,754	41,898	4,440	3,196	157	428
March	369	1,652	3,810	1,834	42,110	4,545	3,440	160	447
June	377	1,764	4,102	1,897	42,760	4,583	3,256	162	435
1997-98									
September	390	1,718	4,039	1,926	43,376	4,555	3,182	157	435
December	383	1,827	4,307	2,028	44,372	4,752	3,337	162	441
March	374	1,854	4,624	2,001	44,381	4,583	3,364	166	445
June	380	1,839	4,481	1,997	44,136	4,712	3,285	165	434
1998-99									
September	392	1,862	4,641	1,889	43,916	4,511	3,087	164	430
December	388	2,050	4,759	1,856	44,439	nya	nya	169	439
PERCENTAGE CHANGE FROM PREVIOUS QUARTER									
1997-98									
December	-2.0	7.0	6.3	5.7	2.5	-4.7	1.4	3.8	1.9
March	-3.0	3.7	9.9	-1.2	0.1	5.0	-3.8	3.1	1.7
June	1.8	-2.4	-5.2	-1.0	-0.6	2.8	-2.3	-0.5	-3.8
1998-99									
September	3.0	1.3	3.8	-5.4	-0.5	-4.3	-6.0	-0.8	-0.9
December	-1.1	10.1	2.6	-1.7	1.2	nya	nya	3.1	2.0

Source: Manufacturing Production, Australia (8301.0).

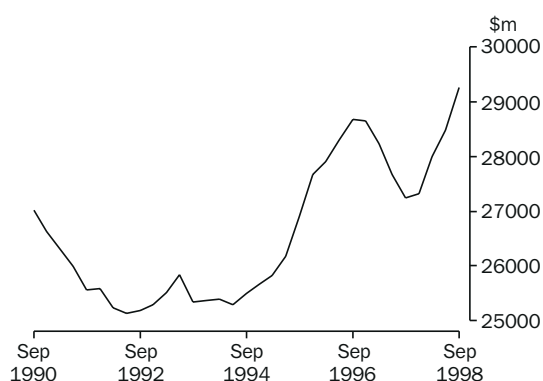
**PRODUCTION**

**MANUFACTURES' SALES,**  
Seasonally adjusted, Chain volume measure



Source: ABS 5629.0 Quarterly data

**MANUFACTURES' STOCKS,**  
Seasonally adjusted, Chain volume measure



Source: ABS 5629.0 Quarterly data

**TABLE 4.4. MANUFACTURERS' SALES AND STOCKS**

Period	Sales		Stocks(a)		Stocks to sales ratio (b)
	Current prices	Chain volume measures (Reference year 1996-97)	Current prices	Chain volume measures (Reference year 1996-97)	
ANNUAL (\$ MILLION)					
1989-90	146542	166597	24990	27479	0.69
1990-91	144,580	158,682	24,139	25,996	0.67
1991-92	147,791	161,052	23,451	25,138	0.63
1992-93	157,745	168,224	24,602	25,841	0.60
1993-94	171,854	180,757	24,220	25,295	0.54
1994-95	186,316	191,023	26,591	26,174	0.56
1995-96	193,203	193,471	28,333	28,293	0.59
1996-97	197,270	197,168	27,778	27,675	0.56
1997-98	201,237	198,935	28,915	28,482	0.56
SEASONALLY ADJUSTED (\$ MILLION)					
1996-97					
September	48,815	48,961	28,633	28,672	0.59
December	49,446	49,535	28,535	28,648	0.58
March	49,202	49,071	28,158	28,227	0.57
June	49,807	49,601	27,778	27,675	0.56
1997-98					
September	49,824	49,442	27,479	27,248	0.55
December	49,826	49,266	27,831	27,319	0.56
March	50,399	49,791	28,387	27,993	0.56
June	51,188	50,436	28,915	28,482	0.56
1998-99					
September	51,532	50,616	29,913	29,263	0.58

(a) : As at the end of period (b) : Current price series. Annual stocks are as at end of period; annual sales are an average of the quarters in the period. Source: *Stocks and Sales, Selected Industries, Australia* (5629.0).

TABLE 4.5. PRIVATE MINERAL AND PETROLEUM EXPLORATION ACTUAL AND EXPECTED

Period	Minerals (other than petroleum)						Petroleum			Total
	Copper, lead, zinc, silver, nickel and cobalt	Gold	Uranium	Coal	Diamonds	Other	Onshore	Offshore		
ANNUAL — ACTUAL ORIGINAL (\$ MILLION)										
1989-90	118.0	341.3	18.8	33.4	37.2	58.8	607.5	143.2	439.4	582.6
1990-91	171.8	300.8	12.8	23.1	39.0	54.2	601.7	217.1	365.4	582.6
1991-92	144.9	304.7	12.8	27.5	35.7	78.4	604.0	135.3	338.8	473.9
1992-93	183.4	320.1	8.8	24.2	38.1	57.2	631.8	115.2	496.7	611.9
1993-94	191.6	453.7	7.6	27.7	58.7	53.3	792.6	144.5	362.2	506.7
1994-95	201.0	554.5	7.8	38.0	48.4	43.6	893.3	170.8	511.7	682.5
1995-96	251.8	547.1	7.2	52.6	52.9	48.6	960.2	174.8	550.3	725.1
1996-97	206.8	728.2	13.0	70.5	59.3	70.7	1148.5	251.9	601.1	853.0
1997-98	227.1	648.4	22.2	64.8	42.8	57.1	1066.8	232.3	748.9	981.2
ACTUAL ORIGINAL (\$ MILLION)										
1996-97										
September	53.2	165.5	3.8	15.4	15.6	20.7	274.2	61.2	145.8	207.0
December	52.1	186.8	1.9	16.9	16.4	17.5	291.6	80.3	173.3	253.6
March	41.8	150.1	2.2	15.7	11.7	14.1	235.6	30.7	146.5	177.3
June	59.7	225.9	5.1	22.5	15.6	18.4	347.2	79.7	135.4	215.1
1997-98										
September	57.6	196.7	4.9	19.1	12.4	11.1	301.8	53.6	90.6	144.2
December	62.7	163.9	6.2	21.3	13.1	14.8	282.0	63.6	174.9	238.5
March	45.9	136.1	5.1	12.5	7.4	13.4	220.4	50.3	214.0	264.3
June	60.9	151.7	6.0	11.9	9.9	22.2	262.6	64.8	269.5	334.2
1998-99										
September	52.0	135.3	7.4	9.6	13.1	18.5	235.9	56.0	137.3	193.3
EXPECTED EXPENDITURE REPORTED 6 MONTHS BEFORE PERIOD (\$ MILLION) (a)										
6 months to —										
December 1994							349.2	58.8	336.3	395.1
June 1995							419.6	61.5	255.8	317.3
December 1995							372.3	84.4	207.6	292.0
June 1996							401.3	101.2	220.4	321.6
December 1996							299.1	91.2	207.9	299.1
June 1997							447.1	115.0	238.7	353.7
December 1997							513.7	83.3	345.8	429.1
June 1998							387.6	61.7	427.9	489.6
December 1998							299.5	71.6	246.5	318.1

(a) : Expectations available for total minerals only. Source: Actual and Expected Private Mineral Exploration, Australia (8412.0).

TABLE 4.6. PRODUCTION OF SELECTED MINERALS

Period	Bauxite ( <sup>'000</sup> tonnes)	Black coal		Iron ore (Mt)	Mang- anese ore ( <sup>'000</sup> tonnes)	Natural gas (Mm <sup>3</sup> ) (b)	Crude oil (Mega litres) (c)	Uranium (oxide tonnes)	Metallic content					
		(a)	monds ( <sup>'000</sup> carats)						Copper ( <sup>'000</sup> tonnes)	Gold (tonnes)	Lead ( <sup>'000</sup> tonnes)	Nickel ( <sup>'000</sup> tonnes)	Tin (tonnes)	Zinc ( <sup>'000</sup> tonnes)
ANNUAL														
1989-90	39,983	206.7	35,700	109.9	2,285	20,286	31,993	4,089	310	224	522	66	8,188	866
1990-91	41,831	215.0	29,964	111.5	1,567	21,301	31,955	5,213	331	240	542	69	5,684	919
1991-92	39,855	228.6	41,424	115.3	1,327	22,568	31,309	4,349	338	241	567	60	6,210	1,022
1992-93	41,180	225.6	42,199	116.5	1,715	23,963	30,703	2,704	427	245	554	68	7,048	1,053
1993-94	41,286	228.0	39,909	124.3	2,045	26,118	28,945	2,751	432	256	540	65	7,650	1,025
1994-95	42,308	243.1	43,590	137.0	2,048	29,212	31,189	2,631	376	249	460	98	7,999	915
1995-96	43,308	194.5	42,565	147.9	2,168	29,985	30,251	5,105	483	273	516	105	9,172	1,039
1996-97	42,990	207.5	37,120	154.4	2,297	29,317	31,049	5,996	560	299	516	115	9,284	1,060
1997-98	44,878	222.5	43,046	159.7	1,647	30,619	33,947	5,797	580	317	571	134	10,100	1,038
ORIGINAL														
1996-97														
September	10,919	50.6	11,235	37.6	572	7,975	7,982	1,463	145	72	137	28	2,203	287
December	10,434	51.9	9,450	38.7	561	7,376	7,589	1,563	150	75	137	29	2,216	268
March	10,350	50.1	7,036	36.7	539	6,630	7,414	1,461	130	73	121	28	2,191	241
June	11,287	55.0	9,399	39.4	625	7,336	8,062	1,510	136	79	125	30	2,675	263
1997-98														
September	11,467	58.6	10,423	39.7	489	8,465	8,806	1,611	146	79	133	33	2,908	255
December	11,361	53.0	13,317	42.0	483	7,519	8,623	1,892	146	82	152	33	2,394	276
March	10,806	53.3	9,573	40.5	384	6,962	7,975	1,156	138	79	141	33	2,155	248
June	11,245	57.6	9,733	37.5	291	7,673	8,544	1,138	150	76	146	36	3,039	258
1998-99														
September	11,295	55.2	9,000	37.4	500	8,552	8,535	1,841	150	75	175	38	2,381	290

(a) : Quarterly data for the Brown coal component no longer collected by ABARE, from September quarter 1994. (b) : Includes naturally occurring LPG. (c) : Stabilised (includes condensate). Source: Quarterly Mineral Statistics — Australian Bureau of Agricultural and Resource Economics (ABARE).



PRODUCTION

TABLE 4.7. BUILDING APPROVALS, NUMBER AND VALUE

Period	Number of dwelling units				Value (\$ million)				
	Houses		Total		New residential building	Alterations and additions to residential building	Total residential building	Non-residential building	Total building
	Private sector	Total	Private sector	Total					
ANNUAL									
1989-90	96,710	100,857	130,845	<b>141,868</b>	11,158	1,902	13,060	13,200	<b>26,260</b>
1990-91	91,023	94,107	118,549	<b>127,375</b>	10,253	1,895	12,148	8,957	<b>21,106</b>
1991-92	107,234	110,927	139,544	<b>151,542</b>	12,006	1,974	13,980	7,209	<b>21,188</b>
1992-93	119,884	123,624	161,870	<b>172,270</b>	14,121	2,089	16,210	7,677	<b>23,886</b>
1993-94	127,345	130,529	180,572	<b>188,844</b>	15,685	2,289	17,974	8,786	<b>26,760</b>
1994-95	112,555	115,106	163,613	<b>171,083</b>	15,470	2,433	17,904	9,615	<b>27,518</b>
1995-96	85,843	87,600	118,952	<b>124,712</b>	12,119	2,284	14,403	10,729	<b>25,132</b>
1996-97	90,879	92,648	131,258	<b>136,625</b>	13,678	2,561	16,239	12,730	<b>28,969</b>
1997-98	104,568	107,098	150,707	<b>156,275</b>	16,529	3,004	19,533	14,462	<b>33,995</b>
PERCENTAGE CHANGE FROM PREVIOUS YEAR									
1989-90	-27.7	-27.2	-25.8	<b>-24.7</b>	-17.1	2.3	-14.8	-2.5	<b>-9.0</b>
1990-91	-5.9	-6.7	-9.4	<b>-10.2</b>	-8.1	-0.4	-7.0	-32.1	<b>-19.6</b>
1991-92	17.8	17.9	17.7	<b>19.0</b>	17.1	4.2	15.1	-19.5	<b>0.4</b>
1992-93	11.8	11.4	16.0	<b>13.7</b>	17.6	5.8	16.0	6.5	<b>12.7</b>
1993-94	6.2	5.6	11.6	<b>9.6</b>	11.1	9.6	10.9	14.4	<b>12.0</b>
1994-95	-11.6	-11.8	-9.4	<b>-9.4</b>	-1.4	6.3	-0.4	9.4	<b>2.8</b>
1995-96	-23.7	-23.9	-27.3	<b>-27.1</b>	-21.7	-6.1	-19.6	11.6	<b>-8.7</b>
1996-97	5.9	5.8	10.3	<b>9.6</b>	12.9	12.1	12.7	18.6	<b>15.3</b>
1997-98	15.1	15.6	14.8	<b>14.4</b>	20.8	17.3	20.3	13.6	<b>17.4</b>
SEASONALLY ADJUSTED									
1997-98									
October	8,436	8,613	11,986	<b>12,343</b>	1,303	234	1,513	952	<b>2,520</b>
November	8,567	8,751	12,809	<b>13,206</b>	1,376	216	1,634	1,039	<b>2,638</b>
December	8,898	9,077	12,852	<b>13,389</b>	1,394	244	1,635	1,130	<b>2,836</b>
January	9,013	9,170	13,035	<b>13,354</b>	1,442	295	1,715	1,193	<b>2,863</b>
February	9,005	9,170	12,275	<b>12,689</b>	1,285	260	1,567	1,101	<b>2,724</b>
March	9,153	9,332	13,044	<b>13,553</b>	1,491	249	1,717	1,135	<b>2,826</b>
April	9,345	9,468	13,818	<b>14,300</b>	1,607	272	1,851	1,384	<b>3,148</b>
May	8,969	9,247	12,612	<b>13,172</b>	1,392	281	1,678	1,475	<b>3,241</b>
June	8,944	9,459	13,504	<b>14,207</b>	1,521	297	1,756	1,224	<b>2,952</b>
1998-99									
July	8,405	8,880	12,562	<b>13,249</b>	1,345	267	1,611	1,029	<b>2,519</b>
August	8,200	8,371	11,446	<b>11,800</b>	1,327	236	1,628	1,152	<b>2,870</b>
September	8,199	8,424	11,738	<b>12,233</b>	1,306	227	1,543	925	<b>2,496</b>
October	8,323	8,557	11,987	<b>12,486</b>	1,387	230	1,601	940	<b>2,531</b>
November	8,204	8,454	12,017	<b>12,529</b>	1,441	229	1,695	1,083	<b>2,776</b>
December	8,469	8,594	12,914	<b>13,325</b>	1,466	257	1,688	832	<b>2,528</b>
SEASONALLY ADJUSTED — PERCENTAGE CHANGE FROM PREVIOUS MONTH									
1997-98									
June	-0.3	2.3	7.1	<b>7.9</b>	9.3	5.9	4.7	-17.0	<b>-8.9</b>
1998-99									
July	-6.0	-6.1	-7.0	<b>-6.7</b>	-11.6	-10.1	-8.3	-15.9	<b>-14.7</b>
August	-2.4	-5.7	-8.9	<b>-10.9</b>	-1.3	-11.7	1.1	11.9	<b>13.9</b>
September	0.0	0.6	2.6	<b>3.7</b>	-1.6	-4.0	-5.2	-19.7	<b>-13.0</b>
October	1.5	1.6	2.1	<b>2.1</b>	6.2	1.6	3.8	1.7	<b>1.4</b>
November	-1.4	-1.2	0.2	<b>0.3</b>	3.9	-0.5	5.9	15.3	<b>9.7</b>
December	3.2	1.7	7.5	<b>6.4</b>	1.7	11.9	-0.4	-23.2	<b>-9.0</b>
TREND — PERCENTAGE CHANGE FROM PREVIOUS MONTH									
1997-98									
June	-2.1	-1.7	-1.7	<b>-1.5</b>	-1.8	-2.0	-1.4	-3.4	<b>-2.1</b>
1998-99									
July	-2.0	-1.9	-2.1	<b>-2.1</b>	-2.0	-3.3	-1.6	-5.7	<b>-3.1</b>
August	-1.5	-1.7	-1.7	<b>-1.9</b>	-1.2	-4.2	-1.2	-6.9	<b>-3.3</b>
September	-0.7	-1.2	-0.7	<b>-1.0</b>	0.2	-4.0	-0.3	-6.3	<b>-2.5</b>
October	-0.3	-0.8	0.2	<b>-0.1</b>	1.2	-2.4	0.5	-4.7	<b>-1.4</b>
November	-0.1	-0.5	0.7	<b>0.5</b>	1.6	-1.0	0.8	-3.8	<b>-0.9</b>
December	0.2	-0.3	0.7	<b>0.5</b>	1.2	-0.1	0.8	-1.9	<b>0.0</b>

Source: Building Approvals, Australia (8731.0).

**TABLE 4.8. BUILDING COMMENCEMENTS, NUMBER AND VALUE**  
Chain Volume Measures, Reference year 1996–97

Period	Number of dwelling units				Value (\$ million)			
	Houses		Total		New residential building	Alterations and additions to residential building	Non-residential building	Total building
	Private sector	Total	Private sector	Total				
ANNUAL								
1989–90	96,390	100,653	126,325	<b>137,702</b>	12,439	2,191	13,555	28,474
1990–91	87,038	90,453	111,486	<b>121,346</b>	10,922	2,152	9,779	22,967
1991–92	100,572	104,072	129,468	<b>140,247</b>	12,468	2,135	8,507	23,156
1992–93	113,708	117,179	151,097	<b>161,605</b>	14,522	2,247	8,221	25,030
1993–94	123,228	126,513	169,746	<b>177,922</b>	16,285	2,485	9,509	28,323
1994–95	111,966	114,577	159,019	<b>166,488</b>	16,322	2,560	9,873	28,797
1995–96	84,208	86,174	115,885	<b>122,304</b>	12,669	2,386	11,130	26,190
1996–97	84,645	86,246	119,620	<b>124,591</b>	13,179	2,565	12,389	28,132
1997–98	98,844	100,764	139,142	<b>143,956</b>	15,947	3,001	13,767	32,714
SEASONALLY ADJUSTED								
1996–97								
September	19,654	20,019	27,944	<b>29,233</b>	2,929	589	3,109	6,592
December	20,642	21,070	30,049	<b>31,530</b>	3,216	628	3,277	7,167
March	22,159	22,551	32,564	<b>33,893</b>	3,515	668	2,949	7,113
June	22,325	22,741	32,656	<b>33,686</b>	3,520	679	3,054	7,261
1997–98								
September	22,537	23,012	33,270	<b>34,142</b>	3,584	716	3,873	8,134
December	25,234	25,730	36,777	<b>38,187</b>	4,148	717	3,350	8,282
March	25,806	26,299	36,507	<b>37,709</b>	4,058	814	3,130	7,960
June	25,419	25,876	36,437	<b>37,866</b>	4,155	753	3,411	8,334
1998–99								
September	25,195	26,224	36,246	<b>37,640</b>	4,072	757	2,996	7,866

Source: Building Activity, Australia: Dwelling Unit Commencements, Preliminary (8750.0) and Building Activity, Australia (8752.0).

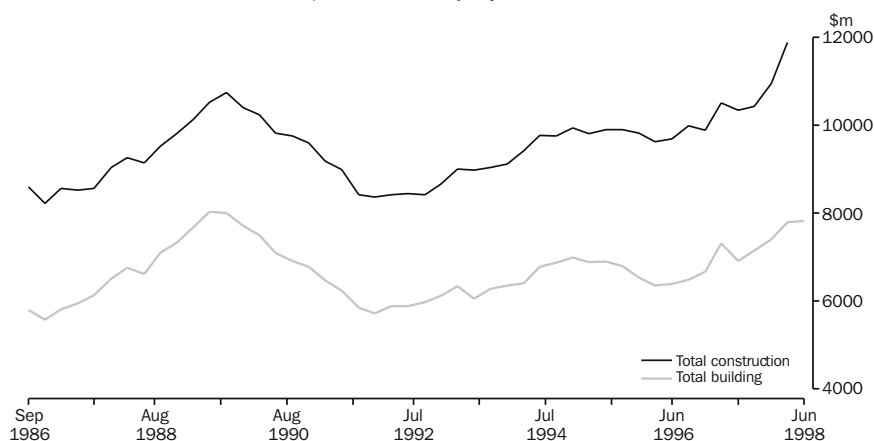
**TABLE 4.9. VALUE OF BUILDING WORK DONE**  
Chain Volume Measures, Reference year 1996–97

Period	New residential building				Alterations and additions to residential dwellings	Non-residential building		Total building	
	Houses		Other residential buildings	Total		Private sector	Total	Private sector	Total
	Private sector	Total							
ANNUAL (\$ MILLION)									
1989–90	27,717	10,545	10,878	3,085	13,984	2,382	11,842	32,081	<b>15,435</b>
1990–91	23,237	8,985	9,255	2,641	11,915	2,291	9,583	27,963	<b>13,511</b>
1991–92	20,494	9,336	9,617	2,497	12,119	2,184	6,856	24,701	<b>10,317</b>
1992–93	21,970	10,781	11,052	3,341	14,407	2,316	6,077	26,007	<b>9,244</b>
1993–94	23,622	11,648	11,943	3,919	15,875	2,451	5,926	27,443	<b>9,078</b>
1994–95	25,483	11,524	11,768	4,585	16,356	2,669	7,048	29,207	<b>10,144</b>
1995–96	23,526	9,178	9,392	3,781	13,173	2,572	8,383	27,237	<b>11,486</b>
1996–97	24,490	9,126	9,289	3,761	13,049	2,570	9,413	28,374	<b>12,755</b>
1997–98	27,410	10,958	11,150	4,366	15,515	2,990	9,366	31,360	<b>12,854</b>
SEASONALLY ADJUSTED (\$ MILLION)									
1996–97									
September	5,808	2,104	2,134	914	3,058	622	2,261	6,740	<b>3,078</b>
December	5,986	2,230	2,268	896	3,158	612	2,317	6,917	<b>3,123</b>
March	6,485	2,346	2,394	967	3,347	666	2,648	7,522	<b>3,525</b>
June	6,211	2,445	2,493	984	3,487	670	2,188	7,194	<b>3,030</b>
1997–98									
September	6,474	2,528	2,571	991	3,574	676	2,336	7,410	<b>3,182</b>
December	6,700	2,680	2,731	1,034	3,756	742	2,280	7,668	<b>3,142</b>
March	7,131	2,865	2,914	1,103	4,002	791	2,475	8,158	<b>3,371</b>
June	7,109	2,886	2,934	1,242	4,189	781	2,273	8,124	<b>3,155</b>
1998–99									
September	7,002	2,785	2,849	1,150	4,013	770	2,374	7,888	<b>3,129</b>

Source: Building Activity, Australia (8752.0).

PRODUCTION

CONSTRUCTION ACTIVITY, 1989-90 prices—seasonally adjusted



Source: manufacturing and construction section, ABS quarterly data

TABLE 4.10. CONSTRUCTION ACTIVITY AT AVERAGE 1989-90 PRICES

Period	Residential building		Non-residential building		Total building		Engineering construction (a)		Non-residential construction (a)		Total construction (a)	
	Private sector	Total	Private sector	Total	Private sector	Total	Private sector	Total	Private sector	Total	Private sector	Total
ANNUAL (\$ MILLION)												
1989-90	14,004	14,797	12,001	15,549	26,005	30,346	3,107	10,924	15,108	26,474	29,112	41,271
1990-91	12,078	12,828	9,688	13,587	21,766	26,414	2,991	11,127	12,679	24,714	24,757	37,542
1991-92	12,216	12,911	6,945	10,386	19,161	23,297	2,936	10,338	9,881	20,724	22,097	33,635
1992-93	14,324	15,148	6,158	9,284	20,482	24,431	2,761	10,625	8,919	19,909	23,243	35,057
1993-94	16,053	16,676	5,984	9,111	22,037	25,787	3,450	11,509	9,434	20,621	25,487	37,296
1994-95	16,814	17,402	7,103	10,215	23,918	27,617	3,527	11,791	10,630	22,007	27,444	39,409
1995-96	13,884	14,458	8,494	11,617	22,377	26,075	4,575	12,920	13,069	24,537	26,952	38,995
1996-97	13,872	14,391	9,567	12,894	23,439	27,285	4,968	13,309	14,534	26,202	28,407	40,593
1997-98	16,716	17,156	9,490	13,035	26,206	30,191	6,280	14,832	nya	nya	nya	nya
SEASONALLY ADJUSTED (\$ MILLION)												
1995-96												
June	3,354	3,494	2,155	2,881	5,519	6,379	1,303	3,317	3,458	6,199	6,813	9,693
1996-97												
September	3,266	3,397	2,289	3,100	5,556	6,479	1,338	3,491	3,627	6,591	6,893	9,988
December	3,346	3,470	2,363	3,168	5,734	6,659	1,146	3,242	3,509	6,410	6,855	9,880
March	3,584	3,710	2,741	3,620	6,272	7,306	1,182	3,174	3,923	6,793	7,506	10,503
June	3,704	3,841	2,225	3,064	5,936	6,912	1,305	3,425	3,530	6,489	7,234	10,330
1997-98												
September	3,821	3,927	2,372	3,225	6,192	7,130	1,299	3,278	3,671	6,502	7,492	10,429
December	4,069	4,171	2,333	3,207	6,428	7,402	1,473	3,559	3,806	6,766	7,875	10,937
March	4,310	4,408	2,494	3,391	6,767	7,788	1,778	4,084	4,271	7,475	8,851	11,884
June	4,508	4,640	2,266	3,177	6,774	7,819	1,709	3,876	nya	nya	nya	nya
TREND (\$ MILLION)												
1995-96												
June	3,301	3,435	2,160	2,915	5,460	6,349	1,264	3,369	3,424	6,284	6,725	9,719
1996-97												
September	3,305	3,436	2,301	3,083	5,610	6,516	1,264	3,349	3,566	6,432	6,871	9,868
December	3,384	3,514	2,446	3,272	5,829	6,785	1,224	3,307	3,670	6,579	7,054	10,093
March	3,529	3,658	2,488	3,338	6,003	6,990	1,199	3,261	3,688	6,599	7,217	10,257
June	3,693	3,818	2,415	3,268	6,100	7,080	1,238	3,263	3,652	6,530	7,346	10,348
1997-98												
September	3,866	3,981	2,346	3,205	6,215	7,183	1,356	3,412	3,701	6,613	7,568	10,593
December	4,064	4,167	2,363	3,236	6,430	7,404	1,512	3,637	3,874	6,870	7,938	11,037
March	4,275	4,369	2,461	3,350	6,734	7,725	1,684	3,855	4,155	7,249	8,430	11,638
June	4,525	4,659	2,371	3,290	6,897	7,952	nya	nya	nya	nya	nya	nya

(a) : There is a series break between 1985-86 and 1986-87, resulting from a change in survey methodology for engineering construction, introduced from the September quarter 1986. The most significant was the introduction of public sector units into the survey. Source: Manufacturing and Construction Section, ABS.

**TABLE 4.11. ENGINEERING CONSTRUCTION ACTIVITY : VALUE OF WORK DONE**  
**Chain Volume Measures (reference year 1996–97)**

Period	By the private sector			By the public sector	Total	Total for the public sector (a)
	For the private sector	For the public sector	Total			
ORIGINAL (\$ MILLION)						
1989–90	3,535.5	2,313.0	5,848.9	6,593.7	12,447.5	8,906.7
1990–91	3,409.1	2,803.6	6,209.4	6,461.3	12,673.2	9,264.8
1991–92	3,342.3	2,879.4	6,217.5	5,553.6	11,771.2	8,433.0
1992–93	3,144.7	3,019.1	6,157.4	5,970.7	12,128.0	8,989.8
1993–94	3,918.5	3,473.1	7,385.5	5,750.6	13,134.1	9,223.7
1994–95	4,009.0	3,019.7	7,024.9	6,428.5	13,453.6	9,448.1
1995–96	5,156.2	2,969.9	8,126.2	6,588.9	14,715.0	9,558.8
1996–97	5,630.0	3,363.2	8,993.2	6,171.0	15,164.2	9,534.2
1997–98	7,052.7	3,643.2	10,695.8	6,166.6	16,862.5	9,809.8
1996–97						
September	1,572.7	793.4	2,366.4	1,448.4	3,814.7	2,241.8
December	1,395.6	832.4	2,228.1	1,512.6	3,740.7	2,345.1
March	1,245.2	801.5	2,046.6	1,313.9	3,360.6	2,115.5
June	1,416.5	935.8	2,352.1	1,896.1	4,248.2	2,831.9
1997–98						
September	1,524.2	824.6	2,348.8	1,259.1	3,607.9	2,083.7
December	1,783.7	929.1	2,712.8	1,412.6	4,125.5	2,341.7
March	1,896.1	923.5	2,819.5	1,526.8	4,346.3	2,450.2
June	1,848.7	966.0	2,814.7	1,968.1	4,782.8	2,934.1
1998–99						
September	2,063.5	854.1	2,917.6	1,334.5	4,252.1	2,188.6
SEASONALLY ADJUSTED (\$ MILLION)						
1996–97						
September	1,524.6	801.2	2,326.1	1,662.3	3,988.4	2,463.5
December	1,331.3	846.3	2,177.6	1,570.0	3,747.7	2,416.3
March	1,322.2	838.6	2,160.6	1,417.4	3,578.0	2,256.0
June	1,451.9	877.1	2,328.8	1,530.7	3,859.6	2,407.9
1997–98						
September	1,470.6	836.9	2,307.5	1,441.2	3,748.6	2,278.1
December	1,696.3	946.7	2,643.0	1,476.2	4,119.2	2,422.9
March	2,002.8	963.7	2,966.5	1,635.5	4,602.0	2,599.2
June	1,886.1	895.9	2,782.0	1,589.0	4,371.0	2,484.9
1998–99						
September	1,994.7	876.0	2,870.6	1,525.4	4,396.0	2,401.3

(a) : Includes work done by the private sector for the public sector and work done by the public sector. Source: *Engineering Construction Activity, Australia (8762.0)*.

TABLE 4.12. TOURIST ACCOMMODATION

Period	Capacity (a)			Occupancy rates (per cent) (b)			Takings (\$'000) (c)		
	Hotels, motels, etc. (rooms)	Caravan parks (sites)	Holiday flats and units (number)	Hotels, motels, etc.	Caravan parks	Holiday flats and units	Hotels, motels, etc.	Caravan parks	Holiday flats and units
	ANNUAL								
1989-90	150,686	185,954	32,137	52.7	27.9	50.4	2,147,666	191,471	306,947
1990-91	158,608	189,761	32,313	50.1	27.4	48.6	2,272,642	206,644	319,865
1991-92	164,739	190,836	33,147	50.3	26.9	50.1	2,391,698	217,147	357,747
1992-93	167,006	181,076	33,775	51.7	37.5	50.9	2,510,291	219,076	366,149
1993-94	166,670	188,681	35,312	55.0	39.9	51.8	2,760,130	240,591	403,193
1994-95	167,752	190,941	38,168	57.9	40.6	52.7	3,089,586	258,907	467,674
1995-96	172,372	197,249	39,959	58.7	41.0	53.6	3,424,673	287,491	521,465
1996-97	175,847	196,515	41,763	58.0	41.4	52.4	3,619,807	305,246	575,243
1997-98	173,202	n.a.(d)	n.a.(d)	57.2(d)	n.a.(d)	n.a.(d)	3,765,446(d)	n.a.(d)	n.a.(d)
ORIGINAL									
1996-97	Break in series(d)			57.8	41.7	49.3	298,304	25,219	44,081
April				53.3	37.9	37.8	283,309	19,266	33,610
May				52.7	39.6	43.2	271,573	21,562	37,202
June	167,384	196,515	41,763						
1997-98				57.5	41.8	56.5	315,261	27,298	50,456
July				56.8	41.0	53.4	317,521	24,698	47,855
August				59.7	41.4	54.9	316,897	27,320	51,793
September	170,188	201,281	42,196	63.3	40.0	55.4	353,575	28,290	55,486
October				60.2	38.2	49.8	332,642	23,997	46,883
November				51.2	43.4	54.3	292,967	33,315	62,671
December	172,334	200,976	43,883	Break in series(d)			Break in series(d)		
January	n.a.(d)			57.1	n.a.(d)	n.a.(d)	326,443	n.a.(d)	n.a.(d)
February				58.3			297,799		
March	174,194				58.6		331,257		
April				58.1			314,072		
May				53.4			294,397		
June	176,092				52.4		272,615		

(a) : All annual data are end of period. (b) : All annual data are annual averages. (c) : All annual data are aggregates. (d) :See CHANGES IN THIS ISSUE, below. Source: *Tourist Accommodation, Australia* (8635.0).

CHANGES IN THIS ISSUE

The Survey of Tourist Accommodation has been substantially revised from the March quarter 1998:

- The survey no longer collects data on caravan parks, holiday flats, units and houses or visitor hostels on an ongoing basis
- Only hotels, motels and guest houses with 15 or more rooms are now included (previously establishments with five or more rooms were included)

Annual estimates of capacity, occupancy rates and takings are compiled in respect of the previous survey scope. The survey will also be expanded in the year 2000 to cover significant establishments within the previous scope. See Explanatory Notes in *Tourist Accommodation, Australia, March quarter 1998* (ABS 8635.0) for further details.

The August 1998 edition of *Australian Economic Indicators* was the first edition to present information collected in the revised survey. Information in respect of 1998 (and from the March quarter 1997 for Capacity: Hotels, motels etc.) is presented on the basis of the new scope. Note that 1998 data (and data from the March quarter 1997 for Capacity: Hotels, motels etc.) presented from the August edition of *Australian Economic Indicators* will differ from previously published data in this publication.

INQUIRIES

If you have any queries about the revised Survey of Tourist Accommodation, please contact Wayne Duncan on telephone: 07 3222 6201, fax: 07 3222 6284 or Internet: wayne.duncan@abs.gov.au.

# 5

# PRICES

---

## TABLES

5.1	Consumer price index : by group . . . . .	64
5.2	Consumer price index : selected series and all groups . . . . .	65
5.3	Chain price indexes : expenditure on GDP . . . . .	66
5.4	RBA index of commodity prices . . . . .	67
5.5	Indexes of prices received and paid by farmers . . . . .	67
5.6	Selected housing price and related indexes : original . . . . .	68
5.7	Selected producer price indexes : original . . . . .	69
5.8	Price indexes for building materials : selected ANZSIC groups . . . . .	69
5.9	Price indexes of materials used in manufacturing industry: selected industries . . . . .	70
5.10	Price indexes of articles produced by manufacturing industry . . . . .	70
5.11	Export price indexes: by selected AHECC section . . . . .	71
5.12	Import price indexes: by SITC section . . . . .	71
5.13	Terms of trade and indexes of competitiveness . . . . .	72
5.14	Consumer price index : analytical series . . . . .	73

---

## RELATED PUBLICATIONS

*Australian National Accounts: National Income, Expenditure and Product (5206.0)*

*Balance of Payments and International Investment Position, Australia (5302.0)*

*Consumer Price Index, Australia (6401.0)*

*Export Price Indexes, Australia (6405.0)*

*Price Index of Materials Used in Building Other than House Building, Six Capital Cities (6407.0)*

*Price Index of Materials Used in House Building, Six Capital Cities (6408.0)*

*Price Index of Materials Used in Manufacturing Industries, Australia (6411.0)*

*Price Index of Articles Produced by Manufacturing Industry, Australia (6412.0)*

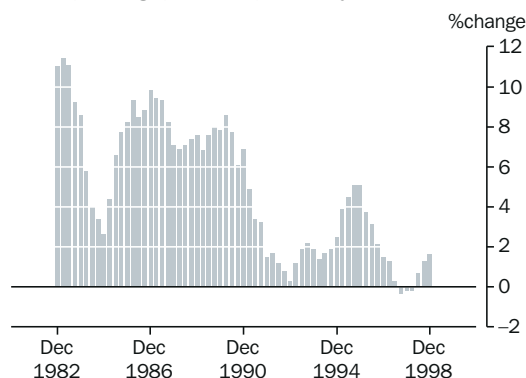
*Import Price Indexes, Australia (6414.0)*

*House Price Indexes: Eight Capital Cities (6416.0)*

*Australian Commodities — Australian Bureau of Agricultural and Resource Economics (ABARE)*

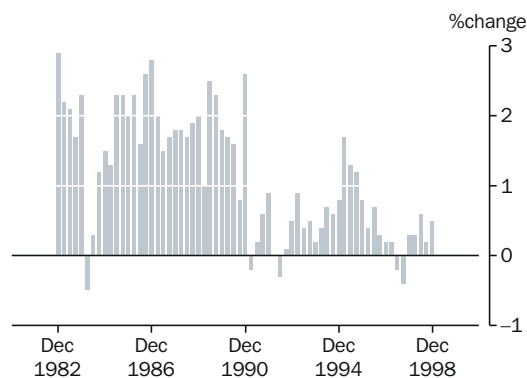
PRICES

CONSUMER PRICE INDEX,  
Percentage change from—  
Corresponding quarter of previous year



Source: ABS 6401.0 Quarterly data

CONSUMER PRICE INDEX,  
Percentage change from—  
Previous quarter



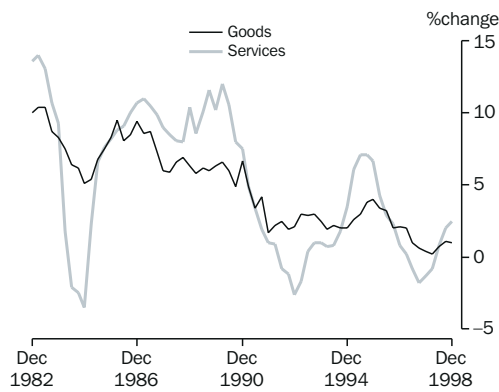
Source: ABS 6401.0 Quarterly data

TABLE 5.1. CONSUMER PRICE INDEX : BY GROUP

Period	Food	Clothing	Housing	Household equipment and operation	Transportation	Alcohol and tobacco	Health and personal care	Recreation and education	All groups
ANNUAL (1989-90 = 100.0) (a)									
1989-90	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1990-91	103.3	104.6	103.5	105.1	106.9	108.8	109.6	105.0	105.3
1991-92	105.8	106.4	98.9	107.5	108.8	115.0	121.3	106.9	107.3
1992-93	107.4	107.5	94.6	107.3	111.3	124.4	124.0	109.1	108.4
1993-94	109.4	106.7	94.2	107.8	113.8	133.7	129.0	111.9	110.4
1994-95	112.1	106.7	100.0	109.2	117.5	141.0	135.5	114.6	113.9
1995-96	116.0	107.0	105.9	111.7	122.6	156.1	141.8	117.7	118.7
1996-97	119.7	107.3	101.6	113.5	124.3	161.4	149.1	119.7	120.3
1997-98	121.8	107.4	94.5	113.8	123.5	164.6	153.6	123.6	120.3
ORIGINAL (1989-90 = 100.0) (a)									
1996-97									
December	119.4	107.5	103.2	113.6	124.5	161.2	146.7	118.8	120.3
March	120.2	107.0	100.2	113.5	125.2	161.7	150.6	121.0	120.5
June	120.8	107.3	96.9	113.9	123.9	162.1	154.0	120.9	120.2
1997-98									
September	120.8	107.1	95.9	113.4	124.4	161.9	148.6	122.0	119.7
December	121.1	107.8	94.2	113.8	124.0	164.3	153.0	122.4	120.0
March	122.1	107.4	93.4	113.8	122.9	165.4	154.8	124.9	120.3
June	123.1	107.3	94.5	114.0	122.8	166.7	157.9	125.1	121.0
1998-99									
September	124.7	107.0	94.8	113.9	122.3	167.5	159.1	124.7	121.3
December	126.0	106.9	95.5	114.1	121.9	167.9	158.4	125.8	121.9
PERCENTAGE CHANGE FROM PREVIOUS QUARTER									
1997-98									
December	0.2	0.7	-1.8	0.4	-0.3	1.5	3.0	0.3	0.3
March	0.8	-0.4	-0.8	0.0	-0.9	0.7	1.2	2.0	0.3
June	0.8	-0.1	1.2	0.2	-0.1	0.8	2.0	0.2	0.6
1998-99									
September	1.3	-0.3	0.3	-0.1	-0.4	0.5	0.8	-0.3	0.2
December	1.0	-0.1	0.7	0.2	-0.3	0.2	-0.4	0.9	0.5
PERCENTAGE CHANGE FROM CORRESPONDING QUARTER OF PREVIOUS YEAR									
1997-98									
December	1.4	0.3	-8.7	0.2	-0.4	1.9	4.3	3.0	-0.2
March	1.6	0.4	-6.8	0.3	-1.8	2.3	2.8	3.2	-0.2
June	1.9	0.0	-2.5	0.1	-0.9	2.8	2.5	3.5	0.7
1998-99									
September	3.2	-0.1	-1.1	0.4	-1.7	3.5	7.1	2.2	1.3
December	4.0	-0.8	1.4	0.3	-1.7	2.2	3.5	2.8	1.6

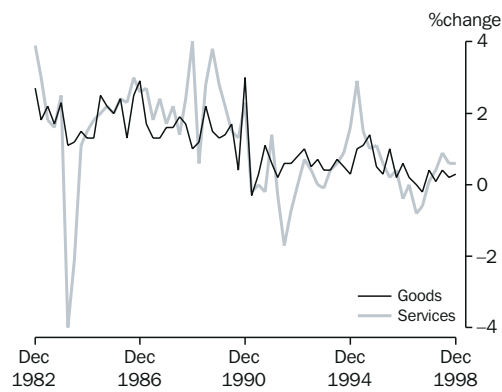
(a) : Weighted average of eight capital cities. Source: Consumer Price Index, Australia (6401.0).

CONSUMER PRICE INDEX,  
Percentage change from—  
corresponding quarter of previous year



Source: ABS 6401.0 Quarterly data

CONSUMER PRICE INDEX,  
Percentage change from—  
Previous quarter



Source: ABS 6401.0 Quarterly data

TABLE 5.2. CONSUMER PRICE INDEX : SELECTED SERIES AND ALL GROUPS

Period	All groups excluding —								All groups
	Food	Housing	Transportation	Health and personal care	Hospital and medical services	All groups: goods component	All groups: services component	Utilities	
ANNUAL (1989-90 = 100.0) (a)									
1989-90	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1990-91	105.8	105.6	105.0	105.0	105.1	105.0	105.9	104.1	105.3
1991-92	107.7	108.8	107.0	106.5	106.7	107.7	106.7	110.4	107.3
1992-93	108.7	110.0	107.9	107.5	107.7	110.4	105.4	115.1	108.4
1993-94	110.6	113.5	109.7	109.2	109.5	113.0	106.3	117.8	110.4
1994-95	114.4	116.5	113.3	112.6	112.9	115.7	111.2	118.7	113.9
1995-96	119.3	121.1	118.0	117.3	117.5	119.9	117.0	119.5	118.7
1996-97	120.5	123.9	119.6	118.5	118.8	122.0	117.7	121.3	120.3
1997-98	120.0	125.4	119.7	118.2	118.6	122.6	116.8	122.6	120.3
ORIGINAL (1989-90 = 100.0) (a)									
1996-97									
December	120.6	123.6	119.6	118.7	118.9	122.0	117.8	121.2	120.3
March	120.6	124.5	119.7	118.7	118.9	122.3	117.8	121.5	120.5
June	120.0	124.8	119.5	118.1	118.5	122.3	116.9	121.4	120.2
1997-98									
September	119.5	124.4	118.9	117.9	118.3	122.0	116.2	122.6	119.7
December	119.8	125.2	119.3	118.0	118.3	122.5	116.3	122.6	120.0
March	120.0	125.7	119.9	118.2	118.6	122.6	116.8	122.5	120.3
June	120.6	126.3	120.7	118.7	119.2	123.1	117.8	122.6	121.0
1998-99									
September	120.6	126.6	121.2	119.0	119.4	123.3	118.5	120.3	121.3
December	121.0	127.1	121.9	119.6	119.9	123.7	119.2	121.3	121.9
PERCENTAGE CHANGE FROM PREVIOUS QUARTER									
1997-98									
December	0.3	0.6	0.3	0.1	0.0	0.4	0.1	0.0	0.3
March	0.2	0.4	0.5	0.2	0.3	0.1	0.4	-0.1	0.3
June	0.5	0.5	0.7	0.4	0.5	0.4	0.9	0.1	0.6
1998-99									
September	0.0	0.2	0.4	0.3	0.2	0.2	0.6	-1.9	0.2
December	0.3	0.4	0.6	0.5	0.4	0.3	0.6	0.8	0.5
PERCENTAGE CHANGE FROM CORRESPONDING QUARTER OF PREVIOUS YEAR									
1997-98									
December	-0.7	1.3	-0.3	-0.6	-0.5	0.4	-1.3	1.2	-0.2
March	-0.5	1.0	0.2	-0.4	-0.3	0.2	-0.8	0.8	-0.2
June	0.5	1.2	1.0	0.5	0.6	0.7	0.8	1.0	0.7
1998-99									
September	0.9	1.8	1.9	0.9	0.9	1.1	2.0	-1.9	1.3
December	1.0	1.5	2.2	1.4	1.4	1.0	2.5	-1.1	1.6

(a) : Weighted average of eight capital cities. Source: Consumer Price Index, Australia (6401.0).



TABLE 5.3. CHAIN PRICE INDEXES: EXPENDITURE ON GDP(a)

Period	Final consumption expenditure		Gross fixed capital formation		Exports of goods and services	Imports of goods and services	GDP
	Households	Government	Private	Public			
ANNUAL (1996-97 = 100.0)							
1989-90	82.7	83.6	98.5	96.6	103.1	94.3	87.2
1990-91	88.0	87.9	98.9	99.5	100.3	97.7	90.6
1991-92	90.8	92.4	98.0	101.1	97.9	98.1	92.6
1992-93	93.1	94.8	99.8	101.8	100.7	105.8	94.0
1993-94	94.9	95.7	101.3	102.1	99.3	107.7	94.9
1994-95	95.8	96.2	101.3	100.7	101.0	106.2	96.1
1995-96	98.3	98.1	102.5	102.8	103.4	106.4	98.7
1996-97	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1997-98	101.7	101.6	100.5	99.9	104.6	104.9	101.3
PERCENTAGE CHANGE FROM PREVIOUS YEAR							
1989-90	5.6	7.0	4.8		4.3	4.8	5.6
1990-91	6.4	5.2	0.4	3.0	-2.7	3.6	3.8
1991-92	3.1	5.1	-0.9	1.6	-2.4	0.3	2.2
1992-93	2.5	2.6	1.8	0.7	2.9	7.9	1.5
1993-94	1.9	1.0	1.5	0.3	-1.4	1.8	1.0
1994-95	1.0	0.5	0.1	1.4	1.7	-1.4	1.2
1995-96	2.6	2.0	1.1	2.1	2.4	0.2	2.7
1996-97	1.7	1.9	-2.4	-2.8	-3.3	-6.0	1.4
1997-98	1.7	1.6	0.5	-0.1	4.6	4.9	1.3
ORIGINAL (1996-97 = 100.0)							
1996-97							
September	99.4	99.3	100.9	101.0	100.4	101.0	99.6
December	99.9	99.8	100.2	100.1	99.4	100.0	99.8
March	100.3	100.2	99.8	100.0	99.9	99.9	100.2
June	100.5	100.6	99.1	99.0	100.2	99.1	100.4
1997-98							
September	100.9	101.5	99.5	99.2	102.4	101.1	101.0
December	101.4	101.1	100.2	99.6	105.4	104.7	101.2
March	101.8	102.0	100.8	100.1	104.8	106.1	101.3
June	102.7	102.0	101.7	100.5	105.9	108.0	101.8
1998-99							
September	103.1	103.7	102.3	101.2	105.9	111.4	101.8
PERCENTAGE CHANGE FROM PREVIOUS QUARTER							
1997-98							
September	0.4	0.9	0.4	0.2	2.2	2.0	0.5
December	0.5	-0.4	0.7	0.4	2.9	3.6	0.2
March	0.4	0.9	0.6	0.5	-0.6	1.3	0.1
June	0.9	0.0	0.8	0.4	1.1	1.8	0.5
1998-99							
September	0.4	1.7	0.6	0.7	-0.1	3.1	0.0

Source: Australian National Accounts: National Income, Expenditure and Product (5206.0).

TABLE 5.4. RBA INDEX OF COMMODITY PRICES

Period	All items			Rural component			Non-rural component			of which: Base metals		
	Australian dollar	Special drawing rights	United States dollar	Australian dollar	Special drawing rights	United States dollar	Australian dollar	Special drawing rights	United States dollar	Australian dollar	Special drawing rights	United States dollar
ANNUAL (1994-95 = 100.0)												
1990-91	96.6	110.1	102.2	87.6	99.8	92.6	102.2	116.4	108.1	90.0	102.6	95.3
1991-92	94.8	106.8	98.2	89.6	100.9	92.7	97.9	110.3	101.4	74.3	83.7	76.9
1992-93	98.4	98.7	93.2	91.1	91.3	86.2	102.8	103.2	97.3	78.2	78.4	74.0
1993-94	98.8	98.3	92.0	95.7	95.2	89.1	100.5	99.9	93.5	75.4	75.1	70.3
1994-95	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1995-96	100.7	104.0	102.9	95.5	98.5	97.5	103.3	106.7	105.6	96.8	99.7	98.8
1996-97	95.2	105.8	100.3	88.5	98.4	93.3	98.5	109.5	103.9	85.6	95.2	90.2
1997-98	101.8	102.9	93.2	94.8	95.9	86.9	105.3	106.4	96.4	92.8	94.0	85.2
ORIGINAL (1994-95 = 100.0)												
1997-98												
November	102.2	104.0	95.7	97.8	99.5	91.6	104.3	106.2	97.7	94.1	95.7	88.0
December	104.8	103.2	93.5	100.0	98.5	89.2	107.2	105.6	95.7	93.7	92.3	83.6
January	103.7	101.7	91.4	96.7	94.8	85.2	107.2	105.2	94.5	92.3	90.4	81.3
February	101.0	101.5	91.6	92.7	93.1	84.0	105.1	105.6	95.4	87.9	88.2	79.6
March	101.4	101.7	91.5	93.7	93.9	84.5	105.3	105.6	95.0	88.4	88.6	79.7
April	102.7	100.5	90.3	92.3	90.3	81.1	107.9	105.6	94.8	91.1	89.1	80.0
May	104.0	98.3	88.4	95.0	89.8	80.8	108.4	102.5	92.2	90.1	85.1	76.6
June	105.4	95.9	85.6	94.8	86.3	77.0	110.6	100.7	89.8	90.1	82.0	73.1
1998-99												
July	101.9	95.3	84.9	92.0	86.1	76.6	106.8	99.9	88.9	88.2	82.5	73.4
August	105.4	94.5	83.8	93.7	84.0	74.5	111.2	99.7	88.4	91.6	82.1	72.8
September	104.0	90.5	82.5	89.8	78.1	71.2	111.1	96.7	88.1	92.6	80.5	73.4
October	99.6	88.2	82.9	86.3	76.4	71.8	106.2	94.1	88.4	85.1	75.3	70.8
November	97.1	88.9	83.0	85.9	78.6	73.4	102.7	94.0	87.7	83.1	76.1	71.0
December	98.7	87.8	82.2	87.4	77.7	72.7	104.4	92.8	86.9	82.2	73.0	68.4
January	96.7	87.4	82.2	86.1	77.8	73.2	102.0	92.2	86.7	79.4	71.7	67.4

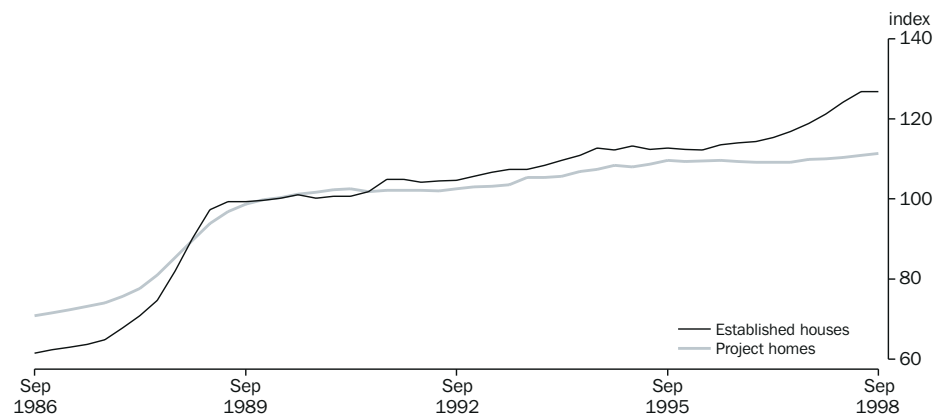
Source: Reserve Bank of Australia Bulletin (RBA).

TABLE 5.5. INDEXES OF PRICES RECEIVED AND PAID BY FARMERS

Period	Prices received by farmers						Prices paid by farmers						Farmers' terms of trade (a)	
	Crops		Livestock slaughtering		Livestock products		Materials and services	Labour	Over-heads	Marketing expenses	Capital	Total		
All	Wheat	All	Cattle	All	Wool	Total								
ANNUAL (1987-88 = 100.0)														
1989-90	112.9	117.7	108.0	109.5	92.9	86.4	109.1	111.3	115.2	134.3	113.1	111.1	116.3	93.9
1990-91	104.2	78.2	104.0	107.4	75.3	62.6	94.8	115.2	120.7	126.1	114.3	114.3	117.6	80.6
1991-92	117.4	120.4	104.3	105.8	69.7	52.3	98.2	116.7	126.3	116.4	116.0	116.5	117.5	83.6
1992-93	111.9	108.5	108.0	106.7	67.7	46.5	96.1	118.0	130.9	105.1	116.0	121.1	116.9	82.3
1993-94	113.9	105.5	119.9	122.2	68.1	48.3	101.0	122.3	132.8	103.6	119.0	126.6	119.8	84.3
1994-95	140.0	132.7	112.6	108.2	83.9	70.3	114.7	125.4	134.7	110.2	121.5	129.9	123.4	92.9
1995-96	155.8	158.2	108.6	90.5	79.8	56.4	115.2	128.8	138.8	119.4	125.8	134.7	128.2	89.8
1996-97	130.6	127.3	102.2	78.9	76.9	55.5	106.4	128.3	141.6	117.6	125.7	136.9	128.1	83.1
1997-98	122.3	114.5	105.4	90.5	81.2	60.2	107.2	131.0	145.9	112.0	130.8	138.8	129.7	82.7
ORIGINAL (1987-88 = 100.0)														
1995-96														
June	155.9	158.2	98.9	70.4	76.9	52.1	109.7	126.8	139.3	121.0	123.7	136.0	127.5	86.0
1996-97														
September	128.3	121.2	106.6	80.7	75.4	53.7	106.3	130.4	141.0	119.5	123.8	135.8	129.1	82.3
December	129.6	121.2	101.7	79.1	73.5	51.0	103.9	127.5	141.2	118.9	126.2	136.6	128.0	82.0
March	129.6	121.2	98.6	76.4	76.7	55.5	103.8	125.5	141.7	116.6	125.6	137.7	126.7	81.9
June	131.0	127.3	101.8	79.5	81.6	61.8	109.0	129.7	142.5	115.4	127.1	137.7	128.7	84.0
1997-98														
September	122.4	114.5	108.3	90.2	83.6	63.2	109.5	131.3	144.8	112.8	130.7	138.0	129.8	84.4
December	122.4	114.5	106.2	93.4	83.5	63.4	107.5	130.5	145.5	113.1	131.3	138.5	129.6	82.9
March	122.4	114.5	102.9	87.6	79.9	58.2	105.2	129.3	146.6	113.2	131.5	139.4	129.3	81.4
June	121.8	114.5	104.2	90.8	77.9	56.0	106.7	133.0	146.9	109.0	129.7	139.4	130.1	82.0

(a) : Ratio of index of prices received by farmers and index of prices paid by farmers. Source: Indexes of Prices Received and Paid by Farmers — Australian Bureau of Agricultural and Resource Economics (ABARE).

## HOUSE PRICES INDEXES



Source: ABS 6416.0 Quarterly data

TABLE 5.6. SELECTED HOUSING PRICE AND RELATED INDEXES : ORIGINAL (a)

Period	Established houses	Project homes	Materials used in house building	Award rates of pay, construction industry	National accounts housing investment deflator
ANNUAL					
1989-90	100.0	100.0	100.0	100.0	100.0
1990-91	100.8	102.1	104.6	104.5	104.2
1991-92	104.6	102.1	104.9	107.3	105.1
1992-93	106.0	103.0	106.9	108.0	105.5
1993-94	109.1	105.8	112.0	109.3	107.4
1994-95	112.6	108.1	115.4	111.0	110.2
1995-96	112.7	109.5	115.7	112.9	112.1
1996-97	115.1	109.2	116.1	115.5	112.5
1997-98	122.8	110.3	118.2	na	112.9
PERCENTAGE CHANGE FROM PREVIOUS YEAR					
1989-90	8.5	9.4	7.7	6.3	12.7
1990-91	0.8	2.1	4.6	4.5	4.2
1991-92	3.8	0.0	0.3	2.6	0.8
1992-93	1.3	0.9	1.9	0.7	0.4
1993-94	2.9	2.7	4.8	1.2	1.9
1994-95	3.2	2.1	3.0	1.6	2.6
1995-96	0.1	1.3	0.2	1.7	1.7
1996-97	2.1	-0.3	0.3	1.5	0.4
1997-98	6.7	1.0	1.8	na	0.4
ORIGINAL					
1996-97					
September	114.0	109.4	115.6	114.0	112.8
December	114.3	109.1	115.8	114.2	112.7
March	115.3	109.2	116.1	115.5	112.5
June	116.8	109.2	117.0	116.0	112.4
1997-98					
September	118.9	109.9	117.3	n.a.	112.4
December	121.2	110.0	117.9		112.9
March	124.2	110.4	118.7		113.2
June	126.9	110.8	119.0		113.4
1998-99					
September	126.9	111.4	119.4		113.8
PERCENTAGE CHANGE FROM PREVIOUS QUARTER					
1997-98					
September	1.8	0.6	0.3	na	0.1
December	1.9	0.1	0.5		0.3
March	2.5	0.4	0.7		0.4
June	2.2	0.4	0.3		0.2
1998-99					
September	0.0	0.5	0.3		0.4

(a) : Base of each index — 1989-90 = 100.0. Source: House Price Indexes: Eight Capital Cities (6416.0)

TABLE 5.7. SELECTED PRODUCER PRICE INDEXES : ORIGINAL (a)

Period	Building materials		Manufacturing industry		Foreign trade	
	Used in house building	Used in building other than house building	Materials used	Articles produced	Exports	Imports
PERCENTAGE CHANGE FROM PREVIOUS YEAR						
1989-90	7.8	7.9	5.3	6.4	5.6	4.9
1990-91	4.6	5.1	4.1	4.4	-4.9	3.2
1991-92	0.3	0.6	-2.6	0.4	-5.8	-0.5
1992-93	1.9	0.3	4.9	2.3	4.4	9.2
1993-94	4.8	1.4	-1.6	1.0	-1.8	3.1
1994-95	3.0	2.7	2.8	2.3	3.2	-0.7
1995-96	0.3	2.1	2.3	2.5	1.5	0.2
1996-97	0.3	0.4	-3.7	0.6	-3.9	-5.6
1997-98	1.8	0.9	0.9	1.3	7.0	6.3
PERCENTAGE CHANGE FROM PREVIOUS QUARTER						
1997-98						
September	0.3	0.1	1.0	0.5	2.7	2.7
December	0.5	0.0	1.6	0.7	3.4	4.2
March	0.7	0.1	-1.8	-0.3	0.2	1.1
June	0.3	0.4	0.8	0.3	1.5	1.5
1998-99						
September	0.3	0.3	0.4	0.2	1.1	3.7
December	0.3	0.3	-1.6	-0.6	-5.0	-1.0
PERCENTAGE CHANGE FROM SAME QUARTER OF PREVIOUS YEAR						
1997-98						
September	1.5	1.2	0.4	1.6	3.1	1.3
December	1.8	1.1	2.0	1.8	8.9	6.4
March	2.2	0.6	-0.1	0.9	8.0	7.7
June	1.7	0.5	1.6	1.1	8.0	9.8
1998-99						
September	1.8	0.7	0.9	0.9	6.4	10.9
December	1.5	1.1	-2.2	-0.4	-2.3	5.5

(a) : More detailed information concerning series in this table can be found in later tables in this chapter. Source: *Export Price Indexes* (6405.0), *Price Index of Materials Used in Building Other than House Building, Six State Capital Cities* (6407.0), *Price Index of Materials Used in House Building, Six State Capital Cities* (6408.0), *Price Indexes of Materials Used in Manufacturing Industries, Australia* (6411.0), *Price Indexes of Articles Produced By Manufacturing Industry, Australia* (6412.0) and *Import Price Indexes* (6414.0).

TABLE 5.8. PRICE INDEXES FOR BUILDING MATERIALS: SELECTED ANZSIC GROUPS (a)

Period	Wood and wood products	Ceramics	Cement, plaster and concrete products	Iron and steel products	Structural metal products	Electrical equipment and appliances	Industrial machinery and equipment	Total other than house building	Used in house building
ANNUAL (1989-90 = 100.0)									
1989-90	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1990-91	104.0	104.2	108.5	105.9	103.5	107.0	103.0	105.1	104.6
1991-92	104.9	105.3	106.9	108.3	102.6	108.5	106.1	105.7	104.9
1992-93	106.5	106.2	105.0	110.4	103.4	107.9	105.3	106.0	106.9
1993-94	112.8	107.7	107.1	112.1	105.1	105.5	106.1	107.5	112.0
1994-95	115.0	109.8	111.7	113.3	107.0	111.0	107.1	110.4	115.4
1995-96	114.6	111.4	110.6	116.0	109.9	117.2	110.4	112.7	115.7
1996-97	115.5	112.2	110.5	117.7	111.1	114.4	110.8	113.2	116.1
1997-98	117.6	115.8	112.3	119.5	112.0	114.1	110.7	114.2	118.2
ORIGINAL (1989-90 = 100.0)									
1996-97									
December	114.9	111.6	110.0	116.1	111.0	113.7	110.8	112.8	115.8
March	115.5	112.8	110.7	118.7	111.3	114.8	110.3	113.4	116.1
June	116.2	113.2	111.6	120.0	111.8	115.1	110.0	113.9	117.0
1997-98									
September	116.7	114.1	111.7	119.8	111.7	115.5	109.9	114.0	117.3
December	117.4	115.4	111.8	119.7	112.1	114.1	110.2	114.0	117.9
March	118.4	116.7	112.4	119.4	112.0	113.2	110.6	114.1	118.7
June	118.0	117.1	113.2	119.2	112.1	113.6	112.0	114.5	119.0
1998-99									
September	118.7	117.2	113.2	120.0	112.1	113.9	112.9	114.8	119.4
December	119.3	116.9	113.0	120.5	112.4	115.0	115.9	115.2	119.7

(a) : Weighted average of six state capital cities. Source: *Price Index of Materials Used in Building Other than House Building, Six State Capital Cities* (6407.0), and *Price Index of Materials Used in House Building, Six State Capital Cities* (6408.0).

TABLE 5.9. PRICE INDEXES OF MATERIALS USED IN MANUFACTURING INDUSTRY : SELECTED INDUSTRIES

Period	Source of materials			ANZSIC subdivision								
	Manu- facturing division	Imported materials	Domestic materials	Food, Petroleum				Non-	Basic		Transport	Electronic
				beverages and tobacco	and coal products	Chemicals	metallic mineral products	metal products	metal products	equipment and parts	equipment and other machinery	
ANNUAL (1989-90 = 100.0)												
1989-90	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1990-91	104.1	103.0	104.6	97.9	130.9	103.2	110.3	99.3	102.3	102.4	102.4	102.4
1991-92	101.4	101.8	101.2	100.0	112.6	106.2	115.2	95.4	101.4	101.9	99.8	101.8
1992-93	106.4	107.8	105.7	104.3	121.7	105.7	116.6	94.7	100.9	108.1	101.8	101.8
1993-94	104.7	108.8	102.5	107.7	101.9	103.5	109.8	87.6	100.8	115.0	102.7	102.7
1994-95	107.6	112.7	104.9	111.0	100.2	107.8	114.3	94.0	104.4	116.2	106.5	106.5
1995-96	110.1	117.6	106.0	111.7	103.5	113.9	113.7	99.4	108.7	115.1	107.8	107.8
1996-97	106.0	109.4	104.2	106.2	117.2	110.7	113.1	93.1	106.2	110.1	102.7	102.7
1997-98	107.0	112.2	104.1	110.0	108.4	111.9	112.6	93.4	107.3	113.5	104.6	104.6
ORIGINAL (1989-90 = 100.0)												
1996-97												
December	106.1	109.6	104.2	104.9	123.8	110.5	112.5	91.7	104.9	109.8	102.3	102.3
March	106.3	108.9	105.1	105.0	125.0	110.6	113.1	93.2	106.2	109.9	102.6	102.6
June	105.4	108.1	104.0	107.3	110.7	109.8	113.0	94.3	107.1	110.2	102.6	102.6
1997-98												
September	106.5	109.9	104.6	109.3	109.2	110.6	112.6	94.4	107.4	112.0	103.6	103.6
December	108.2	111.9	106.3	110.4	120.2	111.8	112.2	92.8	106.9	112.9	104.3	104.3
March	106.2	112.5	102.6	110.7	101.5	112.0	112.4	92.2	107.4	113.9	105.5	105.5
June	107.1	114.6	102.7	109.6	102.5	113.3	113.0	94.2	107.6	115.1	104.9	104.9
1998-99												
September	107.5	116.6	102.2	110.5	95.3	115.9	111.9	95.0	108.2	117.0	105.1	105.1
December	105.8	113.6	101.3	109.6	94.9	111.4	111.7	92.8	107.8	116.3	104.4	104.4

Source: Price Indexes of Materials Used in Manufacturing Industries, Australia (6411.0).

TABLE 5.10. PRICE INDEXES OF ARTICLES PRODUCED BY MANUFACTURING INDUSTRY

Period	Food, bever- ages and tobacco	Clothing and footwear	Basic chemicals and chemical products	Petroleum products and coal	Basic metal products	Fabric- ated metal products	Trans- port equip- ment	Other machinery and equipment (a)	All manufac- turing industry
	ANNUAL (1988-89 = 100.0)								
1989-90	106.9	107.3	104.3	118.4	105.6	107.9	105.6	104.2	106.5
1990-91	109.5	112.0	109.3	150.1	106.2	113.7	109.9	107.0	111.2
1991-92	112.3	114.9	109.9	134.3	99.9	114.3	112.7	107.0	111.7
1992-93	116.2	116.1	111.1	143.9	100.6	114.7	116.0	109.3	114.3
1993-94	120.5	117.2	110.3	127.3	99.9	114.8	119.1	109.9	115.5
1994-95	123.1	118.3	113.6	120.9	107.2	166.2	120.7	111.2	118.1
1995-96	125.9	121.5	117.0	125.0	109.9	199.2	122.3	112.4	121.1
1996-97	127.2	122.9	116.1	130.2	103.7	120.7	121.9	113.5	121.8
1997-98	130.4	125.0	115.5	120.4	107.9	122.0	123.1	114.3	123.4
ORIGINAL (1988-89 = 100.0)									
1996-97									
December	127.0	122.4	115.8	134.9	101.6	120.6	121.7	113.3	121.5
March	127.3	122.8	115.9	138.3	103.5	121.0	121.8	113.6	122.2
June	128.1	123.9	116.1	125.7	105.7	121.3	121.6	113.9	122.3
1997-98									
September	129.0	124.9	116.0	121.2	108.2	121.4	122.1	114.2	122.9
December	130.5	124.8	115.2	130.5	108.1	121.8	122.6	114.5	123.7
March	130.9	125.1	115.5	114.3	107.2	122.1	123.3	114.3	123.3
June	131.1	125.3	115.4	115.6	107.9	122.7	124.3	114.3	123.7
1998-99									
September	131.9	125.6	115.8	106.9	108.5	122.9	125.3	114.1	124.0
December	131.2	126.0	116.6	100.8	105.2	122.2	123.9	113.8	123.2

(a) : Includes household appliances. Source: Price Indexes of Articles Produced By Manufacturing Industry, Australia (6412.0).

TABLE 5.11. EXPORT PRICE INDEXES: BY SELECTED AHECC (a) SECTION

Period	Live animals, animal products	Vegetable products	Prepared foodstuffs	Mineral products	Products of chemical or allied industries	Wool and cotton fibres	Gold, diamonds and coin	Base metals and articles of base metals	Machinery and mechanical appliances	Motor vehicles, aircraft and vessels	All groups
ANNUAL (1989-90 = 100.0)											
1992-93	105.1	94.3	94.9	108.2	90.1	60.9	99.6	81.0	98.2	105.0	93.5
1993-94	110.3	88.6	102.3	100.9	87.5	59.0	110.4	76.3	97.6	109.3	91.8
1994-95	105.9	82.7	104.6	95.0	84.4	80.8	104.0	96.8	97.3	108.2	94.7
1995-96	98.8	101.2	101.3	100.9	89.5	72.7	102.3	97.0	95.8	107.3	96.1
1996-97	92.7	98.1	99.8	103.0	86.9	67.6	92.1	86.1	88.5	103.6	92.4
1997-98	100.0	96.3	109.7	113.7	94.9	75.8	89.8	94.1	89.1	110.0	98.9
ORIGINAL (1989-90 = 100.0)											
1996-97											
December	91.9	97.2	99.8	101.7	86.9	65.5	93.8	80.7	88.3	103.1	91.1
March	93.0	92.7	99.8	104.3	85.1	66.7	89.5	88.2	86.6	103.1	92.0
June	95.6	92.6	99.9	105.1	86.5	70.9	88.4	90.8	87.0	104.2	93.4
1997-98											
September	96.3	91.7	104.1	107.9	88.4	77.8	86.7	96.0	87.6	105.8	95.9
December	100.9	95.2	110.1	113.7	93.5	77.2	88.5	96.8	89.7	109.0	99.2
March	102.2	97.2	112.0	114.5	97.6	75.9	88.5	92.7	89.3	111.4	99.4
June	100.5	101.0	112.7	118.5	100.0	72.3	95.4	91.0	89.7	113.9	100.9
1998-99											
September	103.7	100.2	109.5	122.4	100.7	67.6	98.0	93.3	90.8	117.1	102.0
December	100.9	90.9	104.4	117.8	98.5	59.2	95.8	86.1	90.3	112.9	96.9

(a) : Australian Harmonised Export Commodity Classification. Source: *Export Price Index, Australia* (6405.0).

TABLE 5.12. IMPORT PRICE INDEXES: BY SITC (a) SECTION

Period	Food and live animals chiefly for food	Beverages and tobacco	Crude materials, inedible except fuels	Mineral fuels, etc.	Animal and vegetable oils, etc.	Chemical products	Manufactured goods, by material	Machinery and transport equipment	Miscellaneous manufactured articles	Commodities and transactions n.e.s.	All groups
ANNUAL (1989-90 = 100.0)											
1989-90	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1990-91	98.7	107.2	94.6	119.0	96.3	100.4	102.1	102.6	103.0	96.0	103.2
1991-92	98.1	115.7	90.8	92.5	116.6	100.5	103.3	104.8	105.7	91.4	102.7
1992-93	104.7	121.8	101.1	100.2	126.7	106.2	109.3	116.8	114.9	98.7	112.1
1993-94	106.8	111.5	116.3	93.5	120.9	103.3	112.2	123.1	117.0	110.4	115.6
1994-95	116.6	106.6	121.9	90.2	140.4	108.8	110.4	121.1	113.5	104.4	114.8
1995-96	115.9	109.8	125.8	89.8	170.1	115.1	115.7	117.4	114.2	103.7	115.0
1996-97	112.8	114.3	110.2	98.1	158.8	107.5	109.6	108.5	111.2	93.6	108.6
1997-98	129.0	126.0	119.1	93.4	156.4	112.9	116.7	115.5	120.3	90.5	115.4
ORIGINAL (1989-90 = 100.0)											
1996-97											
December	110.9	112.5	108.2	101.0	166.8	107.5	109.5	108.5	110.7	95.7	108.5
March	112.3	115.7	110.0	103.9	155.6	107.1	109.5	107.9	110.9	90.9	108.4
June	115.8	119.2	110.4	95.3	145.4	106.3	109.3	107.6	111.4	89.6	107.9
1997-98											
September	125.4	122.0	114.7	94.2	141.7	108.3	111.9	110.8	114.3	87.6	110.8
December	129.4	125.0	118.4	104.3	151.8	112.0	116.1	114.9	119.8	89.0	115.4
March	129.8	127.4	120.9	88.4	154.8	113.7	118.3	117.6	122.3	89.3	116.7
June	131.5	129.6	122.5	86.5	177.1	117.7	120.3	118.8	124.9	96.1	118.5
1998-99											
September	130.6	132.0	127.6	86.1	180.6	120.8	125.6	123.7	130.9	97.1	122.9
December	126.3	130.3	119.3	85.1	185.8	116.4	124.9	123.9	129.1	94.9	121.7

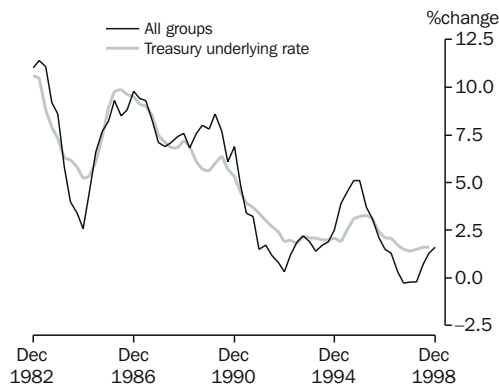
(a) : Standard International Trade Classification, Revision 3. Source: *Import Price Index, Australia* (6414.0).

TABLE 5.13. TERMS OF TRADE AND INDEXES OF COMPETITIVENESS

Period	Terms of trade (1996-97=100.0)	Index of relative domestic prices (1970=100.0) (a) (c)	Indexes of prices and unit labour costs adjusted for exchange rate changes (1989-90 = 100.0) (a) (b)		
			Adjusted CPI (d)	Adjusted GDP deflator (e)	Adjusted unit labour costs (f)
ANNUAL					
1989-90	104.7	109.0	100.0	100.0	99.9
1990-91	108.1	112.7	97.0	96.2	97.7
1991-92	103.7	118.1	93.7	92.7	92.5
1992-93	98.6	111.8	82.0	81.2	79.8
1993-94	95.8	115.7	78.4	77.3	75.4
1994-95	91.8	123.9	80.3	77.6	76.5
1995-96	93.9	132.7	86.8	83.0	82.4
1996-97	95.7	148.9	93.3	89.9	92.1
1997-98	99.7	153.5	82.6	81.2	81.5
SEASONALLY ADJUSTED UNLESS FOOTNOTED					
1996-97					
September	99.9	143.9	92.6	88.6	91.4
December	99.9	147.9	93.9	91.0	89.6
March	99.9	150.2	94.5	90.7	96.5
June	101.1	153.7	92.3	89.3	91.0
1997-98					
September	101.3	156.8	87.7	86.6	87.0
December	101.1	153.8	83.5	82.3	79.8
March	98.9	154.2	81.3	79.6	82.6
June	99.0	149.3	77.7	76.4	76.6
1998-99					
September	96.0	nya	74.7	73.5	74.6

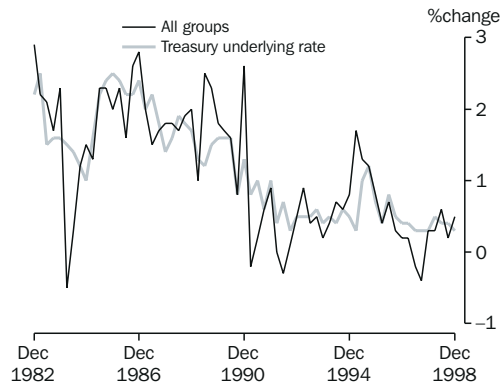
(a) : Original data provided. (b) : The weights used are based on the average share of Australia's imports from the US, Japan, UK and West Germany from 1984-85 to 1987-88. The four countries are the source for about 60 per cent of Australia's imports. Observations are quarterly averages. A rise (fall) implies a deterioration (improvement) in Australian costs and prices relative to our four major trading partners after adjusting for exchange rate changes. (c) : The relative domestic price of non-traded goods compared with imported goods. The relative domestic price index can be used to indicate possible resource flows between the domestic traded and non-traded goods sectors in a small economy that engages in international trade. A decrease in the price of non-traded goods relative to imported goods in the domestic economy — that is, a fall in the relative domestic price — encourages a flow of resources into the traded goods sector, thereby encouraging additional exports and import replacement. (d) : The adjusted CPI index is the ratio of the Australian consumer price index to the weighted geometric average of the exchange rate adjusted consumer price indexes of Australia's four major trading partners. (e) : The adjusted GDP deflator index is the ratio of the GDP deflator for Australia to the weighted geometric average of the exchange rate adjusted GDP deflators of Australia's four major trading partners. (f) : The adjusted unit labour cost index is the ratio of unit labour costs in the non-farm sector of the Australian economy to the weighted geometric average of the exchange rate adjusted unit labour cost indexes estimated for the business sectors of Australia's four major trading partners. Source: *Australian National Accounts: National Income, Expenditure and Product* (5206.0), Australian Bureau of Agricultural and Resource Economics (ABARE) and Department of Treasury.

CONSUMER PRICE INDEX,  
percentage change from—  
corresponding quarter of previous year



Source:ABS 6401.0 Quarterly data

CONSUMER PRICE INDEX,  
percentage change from—  
previous quarter



Source:ABS 6401 Quarterly data

TABLE 5.14. CONSUMER PRICE INDEX: ANALYTICAL SERIES

Period	All groups	All groups excluding housing	All groups excluding 'volatile items' (a)	Private sector goods and services (b)			Treasury underlying rate (c)
				Goods	Services	Total	
ANNUAL (1989-90 = 100.0)							
1989-90	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1990-91	105.3	105.6	105.5	104.7	106.0	105.1	104.9
1991-92	107.3	108.8	109.3	107.9	108.0	107.9	108.2
1992-93	108.4	111.0	112.1	110.9	109.0	110.4	110.4
1993-94	110.4	113.5	115.2	113.9	110.8	113.1	112.7
1994-95	113.9	116.5	118.1	116.2	114.0	115.7	115.1
1995-96	118.7	121.1	122.4	120.6	118.6	120.1	118.8
1996-97	120.3	123.9	125.2	122.5	122.1	122.4	121.2
1997-98	120.3	125.4	127.2	123.5	126.1	124.2	123.0
ORIGINAL (1989-90 = 100.0)							
1996-97							
December	120.3	123.6	124.8	122.5	121.6	122.3	121.0
March	120.5	124.5	125.6	122.6	122.8	122.7	121.5
June	120.2	124.8	126.1	122.8	123.4	123.0	121.9
1997-98							
September	119.7	124.4	126.1	122.8	124.7	123.3	122.3
December	120.0	125.2	126.9	123.3	125.6	123.9	122.7
March	120.3	125.7	127.6	123.8	126.7	124.5	123.3
June	121.0	126.3	128.2	124.0	127.4	124.9	123.8
1998-99							
September	121.3	126.6	128.6	124.3	127.7	125.2	124.3
December	121.9	127.1	129.0	124.5	129.0	125.7	124.7
PERCENTAGE CHANGE FROM PREVIOUS QUARTER							
1997-98							
December	0.3	0.6	0.6	0.4	0.7	0.5	0.3
March	0.3	0.4	0.6	0.4	0.9	0.5	0.5
June	0.6	0.5	0.5	0.2	0.6	0.3	0.4
1998-99							
September	0.2	0.2	0.3	0.2	0.2	0.2	0.4
December	0.5	0.4	0.3	0.2	1.0	0.4	0.3
PERCENTAGE CHANGE FROM CORRESPONDING QUARTER OF PREVIOUS YEAR							
1997-98							
December	-0.2	1.3	1.7	0.7	3.3	1.3	1.4
March	-0.2	1.0	1.6	1.0	3.2	1.5	1.5
June	0.7	1.2	1.7	1.0	3.2	1.5	1.6
1998-99							
September	1.3	1.8	2.0	1.2	2.4	1.5	1.6
December	1.6	1.5	1.7	1.0	2.7	1.5	1.6

(a) : Comprises the All Groups CPI excluding: Fresh fruit and vegetables, and Automotive fuel. (b) : In addition to the items excluded from the series "All Groups excluding 'volatile items'", also excludes: Government-owned dwelling rents, Utilities, Property rates and charges, Postal and communication services, Other motoring charges, Urban transport fares, Health services, Pharmaceuticals, and Education and child care. (c) : Excludes items from the CPI basket whose prices are highly volatile, exhibit marked seasonal patterns or are largely affected by policy decisions — in addition to the items excluded from the series 'Private sector goods and services', the Treasury underlying rate also excludes Meat and seafoods, Clothing group, Alcohol and tobacco group; and holiday travel and accommodation; but includes Other motoring charges. Source: Consumer Price Index, Australia (6401.0).



# 6 LABOUR FORCE AND DEMOGRAPHY

---

## TABLES

6.1	Labour force status of the civilian population : persons . . . . .	76
6.2	Labour force status of the civilian population : males . . . . .	77
6.3	Labour force status of the civilian population : females . . . . .	78
6.4	Unemployment rate by sex and age group . . . . .	79
6.5	Unemployed persons : reason for unemployment, duration of unemployment, and proportion with dependants . . . . .	80
6.6	Employed persons by industry . . . . .	81
6.7	Job vacancies and overtime . . . . .	82
6.8	Industrial disputes in progress by industry . . . . .	82
6.9	Estimated resident population and components of population change . . . . .	83
6.10	Overseas arrivals and departures . . . . .	84

---

## RELATED PUBLICATIONS

*Australian Demographic Statistics (3101.0)*

*Overseas Arrivals and Departures, Australia (3401.0)*

*Labour Force, Australia, Preliminary (6202.0)*

*Labour Force, Australia (6203.0)*

*Industrial Disputes, Australia (6321.0)*

*Job Vacancies and Overtime, Australia (6354.0)*

TABLE 6.1. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION : PERSONS

Period	Thousands						Per cent			
	Employed					Unemp- loyed	Labour force	Civilian population aged 15+ (a)	Unempl- oyment rate	Partici- pation rate
	Full-time			Part- time	Total					
	Aged 15-19	Aged 20+	Total							
ANNUAL AVERAGE										
1990-91	356.8	5,736.5	6,093.3	1,689.1	7,782.4	709.0	<b>8,491.4</b>	13,343.4	8.4	63.6
1991-92	271.6	5,613.0	5,884.5	1,752.2	7,636.7	881.6	<b>8,518.3</b>	13,527.5	10.4	63.0
1992-93	247.4	5,589.8	5,837.1	1,796.8	7,633.9	940.5	<b>8,574.4</b>	13,691.0	11.0	62.6
1993-94	231.9	5,697.3	5,929.2	1,851.3	7,780.5	915.4	<b>8,696.0</b>	13,853.5	10.5	62.8
1994-95	245.7	5,873.3	6,119.0	1,974.1	8,093.1	794.6	<b>8,887.7</b>	14,031.1	8.9	63.3
1995-96	239.3	6,021.2	6,260.5	2,039.2	8,299.7	766.7	<b>9,066.3</b>	14,236.2	8.5	63.7
1996-97	228.9	6,051.0	6,279.8	2,109.2	8,389.1	796.5	<b>9,185.6</b>	14,464.7	8.7	63.5
1997-98	223.0	6,107.7	6,330.8	2,170.7	8,501.4	768.1	<b>9,269.6</b>	14,669.6	8.3	63.2
ANNUAL AVERAGE — PERCENTAGE CHANGE FROM PREVIOUS YEAR (b)										
1990-91	-18.0	-0.4	-1.6	3.0	-0.6	38.0	<b>1.7</b>	1.5	2.2	0.1
1991-92	-23.9	-2.2	-3.4	3.7	-1.9	24.3	<b>0.3</b>	1.4	2.0	-0.7
1992-93	-8.9	-0.4	-0.8	2.5	0.0	6.7	<b>0.7</b>	1.2	0.6	-0.3
1993-94	-6.3	1.9	1.6	3.0	1.9	-2.7	<b>1.4</b>	1.2	-0.4	0.1
1994-95	6.0	3.1	3.2	6.6	4.0	-13.2	<b>2.2</b>	1.3	-1.6	0.6
1995-96	-2.6	2.5	2.3	3.3	2.6	-3.5	<b>2.0</b>	1.5	-0.5	0.3
1996-97	-4.4	0.5	0.3	3.4	1.1	3.9	<b>1.3</b>	1.6	0.2	-0.2
1997-98	-2.5	0.9	0.8	2.9	1.3	-3.6	<b>0.9</b>	1.4	-0.4	-0.3
SEASONALLY ADJUSTED UNLESS FOOTNOTED										
1997-98										
November	219.8	6,104.5	6,324.3	2,182.9	8,507.2	778.7	<b>9,285.9</b>	14,647.6	8.4	63.4
December	216.9	6,120.8	6,337.8	2,176.2	8,514.0	761.5	<b>9,275.5</b>	14,666.3	8.2	63.2
January	222.9	6,134.7	6,357.5	2,157.1	8,514.6	754.8	<b>9,269.5</b>	14,680.9	8.1	63.1
February	226.3	6,124.2	6,350.6	2,178.8	8,529.4	751.0	<b>9,280.3</b>	14,695.5	8.1	63.2
March	229.1	6,121.4	6,350.5	2,163.3	8,513.9	760.4	<b>9,274.3</b>	14,710.1	8.2	63.0
April	222.9	6,170.1	6,393.0	2,179.1	8,572.1	737.2	<b>9,309.3</b>	14,726.4	7.9	63.2
May	224.5	6,124.5	6,349.0	2,218.4	8,567.4	753.9	<b>9,321.2</b>	14,742.6	8.1	63.2
June	222.2	6,155.3	6,377.5	2,210.0	8,587.5	767.8	<b>9,355.4</b>	14,758.9	8.2	63.4
1998-99										
July	211.2	6,198.7	6,409.9	2,188.1	8,598.0	777.0	<b>9,375.1</b>	14,774.2	8.3	63.5
August	220.0	6,187.6	6,407.6	2,203.6	8,611.2	761.0	<b>9,372.2</b>	14,789.4	8.1	63.4
September	214.0	6,221.6	6,435.6	2,216.9	8,652.5	760.6	<b>9,413.1</b>	14,804.7	8.1	63.6
October	217.2	6,209.0	6,426.2	2,261.5	8,687.7	719.8	<b>9,407.5</b>	14,827.0	7.7	63.4
November	223.9	6,177.2	6,401.1	2,236.8	8,637.9	750.8	<b>9,388.7</b>	14,849.3	8.0	63.2
December	227.0	6,205.8	6,432.8	2,258.7	8,691.5	706.5	<b>9,398.1</b>	14,871.6	7.5	63.2
January	223.4	6,206.1	6,429.5	2,261.6	8,691.1	702.7	<b>9,393.8</b>	14,890.6	7.5	63.1
SEASONALLY ADJUSTED — PERCENTAGE CHANGE FROM PREVIOUS MONTH (b)										
1998-99										
July	-4.9	0.7	0.5	-1.0	0.1	1.2	<b>0.2</b>	0.1	0.1	0.1
August	4.1	-0.2	0.0	0.7	0.2	-2.1	<b>0.0</b>	0.1	-0.2	-0.1
September	-2.7	0.5	0.4	0.6	0.5	0.0	<b>0.4</b>	0.1	0.0	0.2
October	1.5	-0.2	-0.1	2.0	0.4	-5.4	<b>-0.1</b>	0.2	-0.4	-0.1
November	3.1	-0.5	-0.4	-1.1	-0.6	4.3	<b>-0.2</b>	0.2	0.3	-0.2
December	1.4	0.5	0.5	1.0	0.6	-5.9	<b>0.1</b>	0.2	-0.5	0.0
January	-1.6	0.0	-0.1	0.1	0.0	-0.5	<b>0.0</b>	0.1	0.0	-0.1
TREND — PERCENTAGE CHANGE FROM PREVIOUS MONTH (b)										
1998-99										
July	-1.1	0.2	0.2	0.3	0.2	0.2	<b>0.2</b>	0.1	0.0	0.1
August	-0.4	0.2	0.2	0.4	0.2	-0.4	<b>0.2</b>	0.1	0.0	0.0
September	0.3	0.1	0.1	0.4	0.2	-1.1	<b>0.1</b>	0.1	-0.1	0.0
October	0.8	0.1	0.1	0.5	0.2	-1.5	<b>0.0</b>	0.2	-0.1	-0.1
November	0.9	0.0	0.0	0.5	0.2	-1.6	<b>0.0</b>	0.2	-0.1	-0.1
December	0.9	0.0	0.0	0.4	0.1	-1.5	<b>0.0</b>	0.2	-0.1	-0.1
January	0.9	0.0	0.0	0.4	0.1	-1.4	<b>0.0</b>	0.1	-0.1	-0.1

(a) : Series is non-seasonal. Original data provided instead of seasonally adjusted and trend data. (b) : For unemployment and participation rates, the changes are given as percentage points. Source: *Labour Force, Australia, Preliminary* (6202.0).

TABLE 6.2. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION : MALES

Period	Thousands						Labour force	Civilian population aged 15+ (a)	Per cent	
	Employed			Part-time	Total	Unemp-loyed			Unempl-oyment rate	Partic-ipation rate
	Full-time		Total							
	Aged 15-19	Aged 20+								
ANNUAL AVERAGE										
1990-91	211.1	3,938.8	4,149.9	384.4	4,534.2	417.3	<b>4,951.5</b>	6,571.5	8.4	75.3
1991-92	166.2	3,823.1	3,989.3	427.9	4,417.2	535.7	<b>4,952.9</b>	6,659.0	10.8	74.4
1992-93	152.8	3,796.4	3,949.2	447.7	4,396.9	581.5	<b>4,978.4</b>	6,738.3	11.7	73.9
1993-94	149.9	3,859.0	4,008.9	463.3	4,472.3	549.0	<b>5,021.3</b>	6,818.2	10.9	73.6
1994-95	155.5	3,970.8	4,126.3	503.7	4,630.1	466.2	<b>5,096.3</b>	6,906.7	9.1	73.8
1995-96	154.6	4,046.8	4,201.4	520.1	4,721.4	455.3	<b>5,176.7</b>	7,009.0	8.8	73.9
1996-97	148.1	4,061.2	4,209.2	556.0	4,765.2	462.3	<b>5,227.5</b>	7,119.0	8.8	73.4
1997-98	145.8	4,100.2	4,246.1	578.6	4,824.6	448.3	<b>5,272.9</b>	7,221.0	8.5	73.0
ANNUAL AVERAGE — PERCENTAGE CHANGE FROM PREVIOUS YEAR (b)										
1990-91	-17.6	-1.2	-2.1	4.7	-1.6	48.3	<b>1.3</b>	1.5	2.7	-0.2
1991-92	-21.3	-2.9	-3.9	11.3	-2.6	28.4	<b>0.0</b>	1.3	2.4	-1.0
1992-93	-8.1	-0.7	-1.0	4.6	-0.5	8.5	<b>0.5</b>	1.2	0.9	-0.5
1993-94	-1.9	1.6	1.5	3.5	1.7	-5.6	<b>0.9</b>	1.2	-0.7	-0.2
1994-95	3.7	2.9	2.9	8.7	3.5	-15.1	<b>1.5</b>	1.3	-1.8	0.1
1995-96	-0.6	1.9	1.8	3.2	2.0	-2.3	<b>1.6</b>	1.5	-0.4	0.1
1996-97	-4.2	0.4	0.2	6.9	0.9	1.5	<b>1.0</b>	1.6	0.0	-0.4
1997-98	-1.5	1.0	0.9	4.1	1.2	-3.0	<b>0.9</b>	1.4	-0.3	-0.4
SEASONALLY ADJUSTED UNLESS FOOTNOTED										
1997-98										
November	148.0	4,099.0	4,247.0	584.5	4,831.5	457.9	<b>5,289.4</b>	7,209.3	8.7	73.4
December	140.3	4,108.1	4,248.4	587.8	4,836.3	445.1	<b>5,281.4</b>	7,218.9	8.4	73.2
January	145.7	4,125.7	4,271.4	572.1	4,843.5	433.5	<b>5,277.0</b>	7,226.6	8.2	73.0
February	146.5	4,110.8	4,257.3	580.6	4,837.8	444.0	<b>5,281.9</b>	7,234.3	8.4	73.0
March	148.8	4,114.5	4,263.3	577.8	4,841.1	441.8	<b>5,282.9</b>	7,242.0	8.4	72.9
April	141.9	4,139.2	4,281.1	576.1	4,857.2	422.5	<b>5,279.7</b>	7,250.4	8.0	72.8
May	150.2	4,109.6	4,259.8	593.8	4,853.5	438.8	<b>5,292.3</b>	7,258.9	8.3	72.9
June	148.3	4,116.3	4,264.6	593.0	4,857.6	447.8	<b>5,305.3</b>	7,267.4	8.4	73.0
1998-99										
July	139.0	4,135.0	4,274.0	582.1	4,856.1	459.0	<b>5,315.0</b>	7,275.3	8.6	73.1
August	146.1	4,127.0	4,273.1	573.1	4,846.2	453.3	<b>5,299.6</b>	7,283.2	8.6	72.8
September	141.7	4,166.2	4,307.9	594.6	4,902.5	441.1	<b>5,343.6</b>	7,291.2	8.3	73.3
October	146.7	4,160.2	4,307.0	605.4	4,912.3	419.2	<b>5,331.5</b>	7,302.7	7.9	73.0
November	146.6	4,146.5	4,293.1	611.8	4,904.9	431.9	<b>5,336.8</b>	7,314.2	8.1	73.0
December	147.8	4,141.1	4,288.9	621.2	4,910.1	413.9	<b>5,324.0</b>	7,325.7	7.8	72.7
January	142.2	4,147.8	4,290.0	633.9	4,923.9	409.2	<b>5,333.1</b>	7,335.6	7.7	72.7
SEASONALLY ADJUSTED — PERCENTAGE CHANGE FROM PREVIOUS MONTH (b)										
1998-99										
July	-6.3	0.5	0.2	-1.8	0.0	2.5	<b>0.2</b>	0.1	0.2	0.1
August	5.1	-0.2	0.0	-1.5	-0.2	-1.2	<b>-0.3</b>	0.1	-0.1	-0.3
September	-3.0	0.9	0.8	3.7	1.2	-2.7	<b>0.8</b>	0.1	-0.3	0.5
October	3.6	-0.1	0.0	1.8	0.2	-5.0	<b>-0.2</b>	0.2	-0.4	-0.3
November	-0.1	-0.3	-0.3	1.1	-0.2	3.0	<b>0.1</b>	0.2	0.2	0.0
December	0.8	-0.1	-0.1	1.5	0.1	-4.2	<b>-0.2</b>	0.2	-0.3	-0.3
January	-3.8	0.2	0.0	2.0	0.3	-1.1	<b>0.2</b>	0.1	-0.1	0.0
TREND — PERCENTAGE CHANGE FROM PREVIOUS MONTH (b)										
1998-99										
July	-0.5	0.2	0.1	0.2	0.2	0.4	<b>0.2</b>	0.1	0.0	0.0
August	-0.1	0.2	0.2	0.5	0.2	-0.4	<b>0.2</b>	0.1	0.0	0.0
September	0.1	0.1	0.1	1.0	0.2	-1.2	<b>0.1</b>	0.1	-0.1	0.0
October	0.2	0.1	0.1	1.3	0.3	-1.8	<b>0.1</b>	0.2	-0.2	0.0
November	0.3	0.0	0.0	1.5	0.2	-1.9	<b>0.1</b>	0.2	-0.2	-0.1
December	0.2	0.0	0.0	1.5	0.2	-1.7	<b>0.0</b>	0.2	-0.1	-0.1
January	0.2	0.0	0.0	1.3	0.1	-1.5	<b>0.0</b>	0.1	-0.1	-0.1

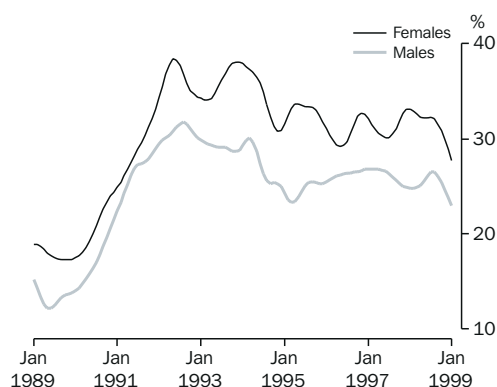
(a) : For civilian population aged 15+ seasonally adjusted and trend estimates are not available. Original data provided. (b) : For unemployment and participation rates, the changes are given as percentage points. Source: Labour Force, Australia, Preliminary (6202.0).

TABLE 6.3. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION : FEMALES

Period	Thousands						Per cent			
	Employed					Unemp- loyed	Labour force	Civilian population aged 15+ (a)	Unempl- oyment rate	Partic- ipation rate
	Full-time			Part- time	Total					
	Aged 15-19	Aged 20+	Total							
ANNUAL AVERAGE										
1990-91	145.7	1,797.7	1,943.4	1,304.7	3,248.2	291.7	<b>3,539.9</b>	6,771.9	8.2	52.3
1991-92	105.4	1,789.9	1,895.2	1,324.3	3,219.5	345.9	<b>3,565.4</b>	6,868.5	9.7	51.9
1992-93	94.6	1,793.3	1,888.0	1,349.0	3,237.0	359.0	<b>3,596.0</b>	6,952.7	10.0	51.7
1993-94	82.0	1,838.3	1,920.3	1,388.0	3,308.3	366.4	<b>3,674.7</b>	7,035.2	10.0	52.2
1994-95	90.2	1,902.4	1,992.6	1,470.4	3,463.0	328.4	<b>3,791.4</b>	7,124.5	8.7	53.2
1995-96	84.8	1,974.4	2,059.1	1,519.1	3,578.2	311.4	<b>3,889.6</b>	7,227.3	8.0	53.8
1996-97	80.8	1,989.8	2,070.6	1,553.2	3,623.9	334.2	<b>3,958.1</b>	7,345.7	8.4	53.9
1997-98	77.2	2,007.5	2,084.7	1,592.1	3,676.8	319.8	<b>3,996.7</b>	7,448.7	8.0	53.7
ANNUAL AVERAGE — PERCENTAGE CHANGE FROM PREVIOUS YEAR (b)										
1990-91	-18.5	1.4	-0.4	2.5	0.7	25.6	<b>2.4</b>	1.6	1.5	0.4
1991-92	-27.7	-0.4	-2.5	1.5	-0.9	18.6	<b>0.7</b>	1.4	1.5	-0.4
1992-93	-10.2	0.2	-0.4	1.9	0.5	3.8	<b>0.9</b>	1.2	0.3	-0.2
1993-94	-13.3	2.5	1.7	2.9	2.2	2.1	<b>2.2</b>	1.2	0.0	0.5
1994-95	10.1	3.5	3.8	5.9	4.7	-10.4	<b>3.2</b>	1.3	-1.3	1.0
1995-96	-6.1	3.8	3.3	3.3	3.3	-5.2	<b>2.6</b>	1.4	-0.7	0.6
1996-97	-4.7	0.8	0.6	2.2	1.3	7.4	<b>1.8</b>	1.6	0.4	0.1
1997-98	-4.5	0.9	0.7	2.5	1.5	-4.3	<b>1.0</b>	1.4	-0.4	-0.2
SEASONALLY ADJUSTED UNLESS FOOTNOTED										
1997-98										
November	71.7	2,005.6	2,077.3	1,598.4	3,675.7	320.8	<b>3,996.5</b>	7,438.3	8.0	53.7
December	76.6	2,012.7	2,089.3	1,588.4	3,677.7	316.4	<b>3,994.1</b>	7,447.4	7.9	53.6
January	77.2	2,008.9	2,086.1	1,585.0	3,671.1	321.3	<b>3,992.5</b>	7,454.3	8.0	53.6
February	79.9	2,013.4	2,093.3	1,598.2	3,691.5	306.9	<b>3,995.5</b>	7,461.2	7.7	53.6
March	80.3	2,007.0	2,087.3	1,585.5	3,672.8	318.6	<b>3,991.4</b>	7,468.2	8.0	53.4
April	81.0	2,031.0	2,111.9	1,603.0	3,714.9	314.7	<b>4,029.7</b>	7,475.9	7.8	53.9
May	74.3	2,014.9	2,089.2	1,624.6	3,713.8	315.1	<b>4,028.9</b>	7,483.7	7.8	53.8
June	73.9	2,039.0	2,112.9	1,617.0	3,730.0	320.1	<b>4,050.0</b>	7,491.5	7.9	54.1
1998-99										
July	72.3	2,063.7	2,136.0	1,606.0	3,742.0	318.1	<b>4,060.0</b>	7,498.9	7.8	54.1
August	73.9	2,060.6	2,134.5	1,630.5	3,765.0	307.6	<b>4,072.6</b>	7,506.2	7.6	54.3
September	72.3	2,055.4	2,127.7	1,622.3	3,750.0	319.5	<b>4,069.4</b>	7,513.5	7.9	54.2
October	70.4	2,048.8	2,119.2	1,656.2	3,775.4	300.6	<b>4,076.0</b>	7,524.3	7.4	54.2
November	77.2	2,030.8	2,108.0	1,625.0	3,733.0	318.9	<b>4,051.9</b>	7,535.1	7.9	53.8
December	79.3	2,064.6	2,143.9	1,637.5	3,781.4	292.7	<b>4,074.1</b>	7,545.9	7.2	54.0
January	81.2	2,058.3	2,139.5	1,627.7	3,767.2	293.5	<b>4,060.7</b>	7,554.9	7.2	53.7
SEASONALLY ADJUSTED — PERCENTAGE CHANGE FROM PREVIOUS MONTH (b)										
1998-99										
July	-2.2	1.2	1.1	-0.7	0.3	-0.6	<b>0.2</b>	0.1	-0.1	0.1
August	2.3	-0.2	-0.1	1.5	0.6	-3.3	<b>0.3</b>	0.1	-0.3	0.1
September	-2.2	-0.3	-0.3	-0.5	-0.4	3.8	<b>-0.1</b>	0.1	0.3	-0.1
October	-2.6	-0.3	-0.4	2.1	0.7	-5.9	<b>0.2</b>	0.1	-0.5	0.0
November	9.7	-0.9	-0.5	-1.9	-1.1	6.1	<b>-0.6</b>	0.1	0.5	-0.4
December	2.6	1.7	1.7	0.8	1.3	-8.2	<b>0.5</b>	0.1	-0.7	0.2
January	2.5	-0.3	-0.2	-0.6	-0.4	0.3	<b>-0.3</b>	0.1	0.0	-0.2
TREND — PERCENTAGE CHANGE FROM PREVIOUS MONTH (b)										
1998-99										
July	-2.2	0.4	0.3	0.4	0.3	-0.1	<b>0.3</b>	0.1	0.0	0.1
August	-0.9	0.2	0.2	0.3	0.2	-0.5	<b>0.2</b>	0.1	0.0	0.0
September	0.8	0.0	0.1	0.2	0.1	-0.8	<b>0.1</b>	0.1	-0.1	0.0
October	1.8	0.0	0.0	0.2	0.1	-1.1	<b>0.0</b>	0.1	-0.1	-0.1
November	2.2	0.0	0.0	0.1	0.1	-1.2	<b>0.0</b>	0.1	-0.1	-0.1
December	2.3	0.0	0.1	0.0	0.1	-1.3	<b>0.0</b>	0.1	-0.1	-0.1
January	2.2	0.0	0.1	0.0	0.0	-1.2	<b>0.0</b>	0.1	-0.1	-0.1

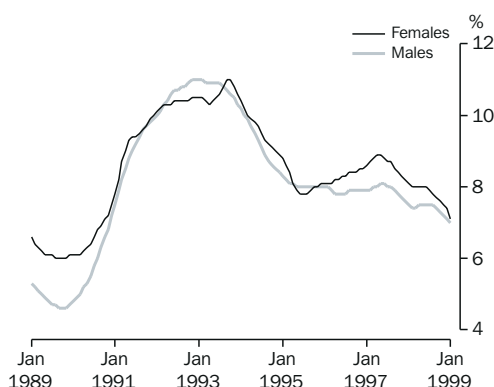
(a) : For civilian population aged 15+ seasonally adjusted and trend estimates are not available. Original data provided. (b) : For unemployment and participation rates, the changes are given as percentage points. Source: *The Labour Force, Australia, Preliminary* (6202.0).

UNEMPLOYMENT RATES,  
15-19 years looking for full-time work—  
trend



Source:ABS 6202.0 Monthly data

UNEMPLOYMENT RATES,  
20 years and over looking for full-time work—  
trend



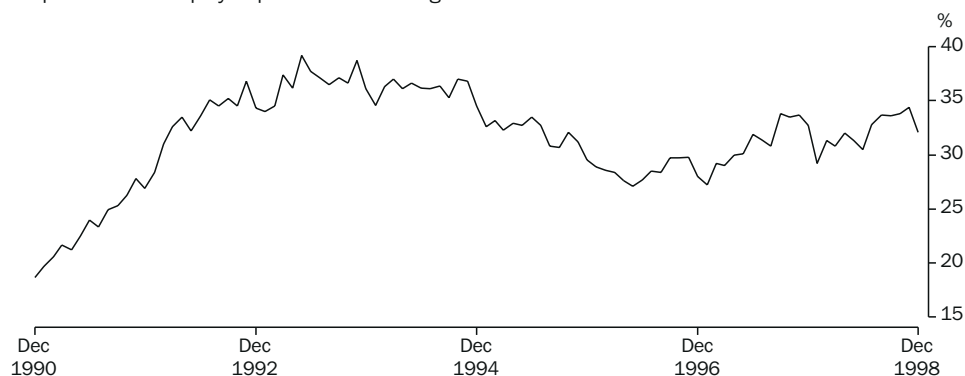
Source:ABS 6202.0 Monthly data

TABLE 6.4. UNEMPLOYMENT RATE BY SEX AND AGE GROUP (a)

Period	Males, looking for —				Females, looking for —				Persons, looking for —			
	Part-time work	Full-time work			Part-time work	Full-time work			Part-time work	Full-time work		
		Aged 15-19	Aged 20+	Total		Aged 15-19	Aged 20+	Total		Aged 15-19	Aged 20+	Total
ANNUAL AVERAGE (PER CENT)												
1990-91	10.2	21.8	7.4	8.3	6.5	24.5	7.9	9.4	7.4	22.9	7.6	8.6
1991-92	9.4	29.1	10.0	11.0	6.6	33.8	10.0	11.8	7.3	31.0	10.0	11.2
1992-93	10.1	30.3	10.9	11.9	6.9	35.1	10.4	12.1	7.7	32.2	10.8	11.9
1993-94	9.6	29.3	10.2	11.1	7.0	37.3	10.4	12.0	7.6	32.3	10.3	11.4
1994-95	9.2	24.5	8.4	9.1	6.6	32.7	8.7	10.1	7.3	27.7	8.5	9.5
1995-96	9.3	25.8	7.9	8.7	6.2	31.3	8.0	9.3	7.0	27.8	8.0	8.9
1996-97	9.5	26.5	7.9	8.8	6.6	31.4	8.6	9.8	7.4	28.3	8.2	9.1
1997-98	9.3	25.2	7.7	8.4	6.1	32.1	8.2	9.4	7.0	27.7	7.8	8.7
SEASONALLY ADJUSTED (PER CENT)												
1997-98												
November	10.2	24.6	7.7	8.4	6.0	34.6	8.3	9.5	7.2	28.1	7.9	8.8
December	9.6	25.6	7.5	8.3	6.0	32.5	8.1	9.3	7.0	28.2	7.7	8.6
January	8.8	24.5	7.4	8.1	6.3	34.7	7.9	9.3	7.0	28.4	7.6	8.5
February	10.0	23.8	7.5	8.2	5.7	30.7	8.0	9.1	6.9	26.4	7.7	8.5
March	8.5	26.7	7.5	8.3	5.8	33.3	8.3	9.6	6.5	29.2	7.8	8.8
April	9.0	24.4	7.2	7.9	6.2	31.4	7.8	9.0	7.0	27.1	7.4	8.2
May	9.0	24.7	7.4	8.2	5.6	33.6	8.3	9.5	6.5	27.9	7.7	8.6
June	8.7	25.1	7.7	8.4	6.5	30.7	7.9	9.0	7.1	27.1	7.7	8.6
1998-99												
July	8.9	27.7	7.8	8.6	6.2	33.6	7.8	9.0	6.9	29.9	7.8	8.7
August	10.4	26.8	7.5	8.3	5.8	30.9	7.8	8.8	7.0	28.2	7.6	8.5
September	8.4	27.7	7.4	8.2	6.2	31.7	8.0	9.1	6.8	29.1	7.6	8.5
October	8.6	24.3	7.0	7.8	6.1	32.2	7.2	8.4	6.8	27.0	7.1	8.0
November	8.7	24.5	7.3	8.0	6.6	31.0	7.7	8.9	7.1	26.9	7.4	8.3
December	8.0	23.2	7.1	7.7	5.7	27.8	7.3	8.3	6.3	24.8	7.2	7.9
January	7.7	23.0	7.0	7.7	5.8	26.1	7.4	8.3	6.3	24.1	7.2	7.9
TREND (PER CENT)												
1997-98												
November	9.7	25.0	7.7	8.4	6.1	32.7	8.3	9.5	7.1	27.8	7.9	8.8
December	9.6	24.9	7.6	8.3	6.0	33.1	8.2	9.4	7.0	27.9	7.8	8.7
January	9.5	24.8	7.5	8.2	6.0	33.1	8.1	9.3	6.9	27.9	7.7	8.6
February	9.2	24.8	7.4	8.2	5.9	32.9	8.0	9.3	6.8	27.8	7.6	8.5
March	9.0	24.9	7.4	8.1	5.9	32.6	8.0	9.3	6.8	27.8	7.6	8.5
April	9.0	25.1	7.5	8.2	6.0	32.3	8.0	9.2	6.8	27.8	7.6	8.5
May	9.0	25.5	7.5	8.3	6.0	32.2	8.0	9.2	6.8	28.0	7.7	8.6
June	9.1	26.1	7.5	8.3	6.0	32.2	8.0	9.1	6.9	28.3	7.7	8.6
1998-99												
July	9.1	26.5	7.5	8.3	6.1	32.3	7.9	9.0	6.9	28.5	7.7	8.6
August	9.1	26.5	7.5	8.3	6.1	32.1	7.8	8.9	6.9	28.5	7.6	8.5
September	8.9	26.1	7.4	8.2	6.1	31.6	7.7	8.8	6.9	28.1	7.5	8.4
October	8.7	25.4	7.3	8.0	6.1	30.9	7.6	8.7	6.8	27.4	7.4	8.3
November	8.4	24.6	7.2	7.9	6.1	29.9	7.5	8.6	6.7	26.5	7.3	8.1
December	8.2	23.8	7.1	7.8	6.0	28.9	7.4	8.5	6.6	25.6	7.2	8.0
January	7.9	23.0	7.0	7.7	5.9	27.7	7.4	8.3	6.5	24.7	7.1	7.9

(a) : For unemployment rates for total males, females and persons, use Tables 6.1, 6.2 and 6.3. Source: Labour Force, Australia, Preliminary (6202.0).

UNEMPLOYED PERSONS,  
Proportion of unemployed persons that is long term



Source: ABS 6203.0 Monthly data

**TABLE 6.5. UNEMPLOYED PERSONS : REASON FOR UNEMPLOYMENT, DURATION OF UNEMPLOYMENT, AND PROPORTION WITH DEPENDANTS**

Period	Reason for unemployment (per cent of unemployed) (a)					Duration of unemployment (b)			Proportion with dependants (per cent)
	Job loser	Job leaver	Stood down	Looking for first job	Former workers	Average (weeks)	Median (weeks)	Proportion unemployed long-term (per cent)	
ANNUAL AVERAGE									
1990-91	39.9	18.9	3.0	16.8	21.4	39.1	14	21.1	28.9
1991-92	42.6	14.7	2.5	17.0	23.2	45.4	23	29.0	29.8
1992-93	38.0	12.7	2.2	18.1	28.9	53.6	27	35.8	30.4
1993-94	33.2	13.2	2.3	18.7	32.6	57.3	28	36.6	30.5
1994-95	30.1	14.6	2.5	20.0	32.8	57.5	24	34.4	31.8
1995-96	31.5	16.1	3.0	20.1	29.3	51.6	20	29.5	29.9
1996-97	32.6	15.7	2.9	20.4	28.4	51.2	20	29.3	29.5
1997-98	31.8	15.0	2.9	20.1	30.2	53.8	22	31.7	29.1
ORIGINAL									
1997-98									
October	31.5	14.7	2.8	20.5	30.6	58.3	26	33.5	29.8
November	31.8	14.6	2.6	19.7	31.2	56.4	26	33.7	30.3
December	30.2	13.4	2.8	24.5	29.0	53.4	22	32.7	27.0
January	32.3	15.1	3.1	23.3	26.3	47.1	15	29.2	26.3
February	31.3	15.7	3.0	20.0	30.0	50.5	16	31.3	29.6
March	30.9	15.8	2.6	20.4	30.3	52.6	17	30.8	29.3
April	30.3	14.9	3.0	19.3	32.5	55.5	18	32.0	29.9
May	31.4	14.6	2.5	18.7	32.9	54.4	21	31.3	27.9
June	32.1	15.4	2.9	18.7	30.9	52.9	23	30.5	28.6
1998-99									
July	30.6	14.5	3.7	18.2	33.0	56.1	26	32.8	28.6
August	31.2	15.1	2.5	18.3	32.9	59.7	26	33.7	29.4
September	29.2	14.2	3.4	19.8	33.4	58.7	26	33.6	28.8
October	28.7	14.4	3.4	19.7	33.8	59.6	26	33.8	30.0
November	28.6	12.8	2.1	20.7	35.7	62.4	26	34.4	29.2
December	26.5	14.4	2.4	25.5	31.3	55.0	20	32.1	28.3

(a) : Reason for leaving last full-time job unless looking for first job. (b) : Long-term unemployed are those persons classified as unemployed for 52 weeks or more. Source: Labour Force, Australia (6203.0).

TABLE 6.6. EMPLOYED PERSONS BY INDUSTRY

Period	Agriculture, forestry and fishing	Mining	Manufac- turing	Electricity, gas and water supply	Construction	Wholesale trade	Retail trade	Accom- modation, cafes and restaurants	
ANNUAL AVERAGE ('000)									
1990-91	434.9	95.0	1,143.4	103.3	572.6	511.1	1,097.3	321.8	
1991-92	408.1	89.6	1,086.0	106.2	517.0	489.2	1,090.5	342.1	
1992-93	404.1	86.8	1,086.5	97.6	533.1	486.9	1,104.1	336.1	
1993-94	408.7	89.4	1,092.3	92.2	558.1	510.5	1,114.3	347.4	
1994-95	404.4	86.1	1,115.5	86.8	589.9	493.2	1,187.6	377.5	
1995-96	421.9	85.3	1,111.3	80.8	600.3	499.1	1,226.8	380.6	
1996-97	427.0	86.7	1,129.8	66.7	586.8	492.5	1,237.7	399.1	
1997-98	436.5	83.2	1,121.7	64.6	597.4	498.9	1,245.4	403.6	
SEASONALLY ADJUSTED ('000)									
1996-97									
November	412.8	90.0	1,135.0	66.6	582.1	483.3	1,251.1	393.2	
February	432.0	85.4	1,130.5	63.8	581.6	499.3	1,226.6	411.7	
May	433.1	80.8	1,136.2	68.3	576.1	489.2	1,220.2	408.0	
1997-98									
August	427.7	81.1	1,142.6	65.7	571.2	475.6	1,211.6	398.4	
November	450.3	83.7	1,134.7	64.9	593.9	493.7	1,266.4	401.7	
February	439.4	82.9	1,106.5	61.8	604.7	510.9	1,264.3	394.6	
May	427.8	85.3	1,103.3	65.8	619.5	514.7	1,239.0	419.5	
1998-99									
August	426.6	86.7	1,101.7	68.8	628.5	510.9	1,268.2	407.9	
November	411.5	82.4	1,082.4	64.4	636.5	497.1	1,289.3	410.4	
PERCENTAGE CHANGE FROM PREVIOUS QUARTER									
1997-98									
November	5.3	3.2	-0.7	-1.2	4.0	3.8	4.5	0.8	
February	-2.4	-1.0	-2.5	-4.7	1.8	3.5	-0.2	-1.8	
May	-2.6	2.9	-0.3	6.5	2.5	0.7	-2.0	6.3	
1998-99									
August	-0.3	1.6	-0.1	4.4	1.4	-0.7	2.4	-2.8	
November	-3.5	-4.9	-1.8	-6.3	1.3	-2.7	1.7	0.6	
ANNUAL AVERAGE ('000)									
1990-91	384.7	150.9	354.8	607.2	360.4	524.4	677.8	149.5	272.8
1991-92	374.5	140.1	334.0	618.5	349.5	531.4	693.9	163.7	289.0
1992-93	357.9	123.2	318.3	615.8	364.2	548.0	688.7	154.7	295.1
1993-94	362.6	132.8	317.0	641.8	368.3	552.4	709.0	167.2	291.3
1994-95	381.3	148.2	312.6	749.4	357.1	555.4	719.9	189.2	303.7
1995-96	388.3	158.4	315.6	795.8	378.6	584.7	757.0	187.6	314.9
1996-97	396.2	163.6	316.8	827.5	369.1	581.9	771.6	192.5	317.4
1997-98	393.6	148.5	312.3	895.1	340.5	583.5	799.6	202.9	339.5
SEASONALLY ADJUSTED ('000)									
1996-97									
November	395.6	166.8	320.0	836.0	370.5	587.7	781.3	176.8	304.1
February	398.4	156.3	321.3	830.4	370.1	580.5	771.5	200.6	315.1
May	393.9	161.6	312.3	840.0	359.1	577.5	767.5	200.4	337.1
1997-98									
August	394.8	156.4	313.2	877.1	343.8	575.7	780.8	200.1	343.3
November	392.0	146.1	309.7	873.8	350.5	578.9	792.8	206.9	338.6
February	393.8	145.3	307.3	908.1	336.4	582.9	809.7	200.9	339.0
May	393.6	146.4	318.9	921.1	331.3	596.3	815.0	203.4	337.3
1998-99									
August	383.3	155.8	322.4	927.8	334.4	594.3	809.4	203.0	351.3
November	405.9	151.3	333.7	941.1	340.1	598.2	811.8	208.4	344.3
PERCENTAGE CHANGE FROM PREVIOUS QUARTER									
1997-98									
November	-0.7	-6.6	-1.1	-0.4	2.0	0.6	1.5	3.4	-1.4
February	0.5	-0.5	-0.8	3.9	-4.0	0.7	2.1	-2.9	0.1
May	-0.1	0.8	3.8	1.4	-1.5	2.3	0.6	1.2	-0.5
1998-99									
August	-2.6	6.4	1.1	0.7	0.9	-0.3	-0.7	-0.2	4.2
November	5.9	-2.9	3.5	1.4	1.7	0.7	0.3	2.6	-2.0

Source: Labour Force, Australia (6203.0).

TABLE 6.7. JOB VACANCIES AND OVERTIME

Period	Job vacancies ('000)		Job vacancies per thousand unemployed	Overtime hours per employee		Percentage of employees working overtime		
	Manufac-turing (a)	All industries		Manufac-turing (a)	All industries	Manufac-turing (a)	All industries	
ANNUAL AVERAGE								
1989-90	11.3	59.5	118.0	3.2	1.4	37.0	19.4	
1990-91	5.0	34.1	51.0	2.5	1.2	31.2	17.0	
1991-92	3.0	25.6	29.3	2.5	1.1	31.9	15.9	
1992-93	3.4	29.3	31.3	2.7	1.1	32.6	16.0	
1993-94	5.4	43.1	47.3	2.9	1.2	34.8	17.1	
1994-95	9.8	61.4	77.1	3.0	1.3	36.3	17.3	
1995-96	7.9	58.9	76.8	2.5	1.1	31.8	16.0	
1996-97	6.3	61.6	77.2	2.6	1.0	31.4	15.5	
1997-98	6.9	72.1	94.0	2.6	1.0	33.1	15.4	
SEASONALLY ADJUSTED UNLESS FOOTNOTED								
1996-97								
August	6.0	58.7	72.9	2.5	1.1	30.6	15.0	
November	6.1	61.9	79.5	2.8	1.1	33.5	15.4	
February	7.4	62.6	77.5	2.5	1.1	29.5	15.7	
May	5.8	63.7	78.8	2.6	1.1	32.0	15.7	
1997-98								
August	7.1	64.5	81.1	2.7	1.1	34.1	16.5	
November	6.6	67.7	86.4	2.9	1.1	35.6	15.3	
February	7.4	74.7	98.8	2.5	1.0	32.3	15.3	
May	6.4	80.0	106.6	2.2	1.0	30.4	14.5	
1998-99								
August	4.9	69.0	87.8	2.3	1.1	32.2	15.1	
November	7.3	76.5	102.9	2.4	1.0	30.5	15.2	

(a) Seasonally adjusted data not available. Original data provided. Source: *Job Vacancies and Overtime, Australia* (6354.0).

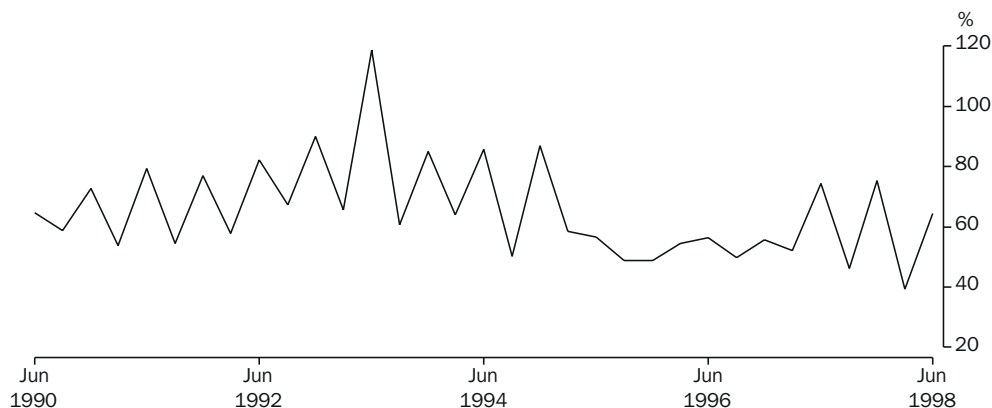
TABLE 6.8. INDUSTRIAL DISPUTES IN PROGRESS BY INDUSTRY

Period	Mining		Manufacturing		Transport and storage; Const-ruktion	Education; Health and community services	Other industries (a)	All industries	
	Coal	Other	Metal product; Machinery and equipment	Other					
ANNUAL									
1989-90	5,054	620	285	216	317	338	216	64	185
1990-91	3,953	1,246	2,124	214	206	73	77	24	238
1991-92	4,239	1,005	583	276	261	213	163	58	182
1992-93	2,908	290	600	208	110	185	181	64	159
1993-94	6,093	235	142	101	61	44	65	30	82
1994-95	3,124	1,089	166	159	105	137	94	17	86
1995-96	4,981	556	73	113	636	75	175	14	115
1996-97	7,245	32	203	86	405	42	91	14	90
1997-98	3,426	1	147	115	594	105	53	8	82
WORKING DAYS LOST PER '000 EMPLOYEES (b)									
1997-98									
August	5,150	18	111	64	248	52	73	9	63
September	5,522	18	129	54	215	70	70	13	65
October	5,332	19	165	86	247	89	70	13	73
November	4,750	19	175	102	281	91	74	11	75
December	4,206	19	189	107	290	101	73	11	75
January	3,991	20	190	101	257	102	73	11	73
February	4,244	20	189	112	252	111	78	11	76
March	4,752	20	188	120	300	104	55	11	76
April	4,562	14	174	114	319	105	48	10	74
May	4,055	3	150	120	463	102	43	8	76
June	3,426	1	147	116	594	105	53	8	82
1998-99									
July	3,023	2	156	117	574	95	49	8	79
August	2,913	7	150	116	560	154	51	9	82
September	2,488	7	141	130	604	149	53	6	82
October	2,132	7	99	105	536	128	51	6	71

(a) : Comprises Agriculture, forestry, and fishing; Electricity, gas and water supply; Wholesale trade; Retail trade; Accommodation, cafes and restaurants; Finance and insurance; Property and business services; Government administration and defence; Personal and other services.  
(b) : Monthly figures relate to the twelve months ending in the reference month. Source: *Industrial Disputes, Australia* (6321.0).



PERCENTAGE CONTRIBUTION OF NATURAL INCREASE TO TOTAL INCREASE IN POPULATION



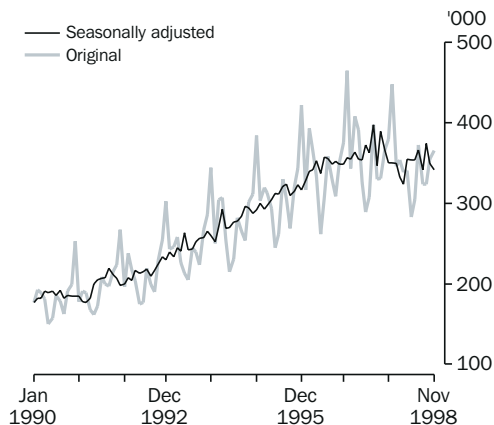
Source: ABS 3101.0 Quarterly data

TABLE 6.9. ESTIMATED RESIDENT POPULATION AND COMPONENTS OF POPULATION CHANGE

Period	Components of population change (a)					Population at end of period			
	Live births	Deaths	Natural increase	Net im-migration	Total increase	Total (b)	Age group		
							0-14	15-64	65+
ANNUAL ('000)									
1989-90	257.5	125.1	132.4	124.6	<b>250.7</b>	17,065.1	3,755.0	11,416.8	1,893.4
1990-91	261.2	119.6	141.6	86.4	<b>218.9</b>	17,284.0	3,785.5	11,547.8	1,950.7
1991-92	259.2	120.8	138.3	68.6	<b>210.7</b>	17,494.7	3,816.3	11,674.7	2,003.6
1992-93	260.0	121.3	138.6	30.0	<b>172.4</b>	17,667.1	3,837.5	11,773.2	2,056.4
1993-94	258.3	123.5	134.8	46.5	<b>187.6</b>	17,854.7	3,860.0	11,889.1	2,105.6
1994-95	258.2	126.2	132.0	80.1	<b>217.0</b>	18,071.8	3,888.1	12,032.2	2,151.4
1995-96	250.4	126.4	124.0	104.1	<b>239.0</b>	18,310.7	3,911.3	12,196.3	2,203.1
1996-97	253.7	127.3	126.4	87.1	<b>213.4</b>	18,524.2	3,920.3	12,366.8	2,245.1
1997-98	249.2	128.6	120.6	106.2	<b>226.8</b>	18,751.0	3,922.4	12,545.3	2,283.4
QUARTERLY ('000)									
1995-96 June	62.5	29.8	30.2	20.6	<b>50.8</b>	18,310.7	na	na	NA
1996-97 September	64.9	38.1	28.1	32.3	<b>60.4</b>	18,371.1			
December	62.6	31.3	33.2	19.4	<b>52.5</b>	18,423.6			
March	62.0	28.2	33.1	29.4	<b>62.4</b>	18,486.0			
June	64.0	31.2	32.1	6.1	<b>38.1</b>	18,524.2			
1997-98 September	63.9	37.9	26.0	30.4	<b>56.4</b>	18,580.6			
December	63.2	31.4	31.9	10.6	<b>42.5</b>	18,623.0			
March	59.9	29.0	30.9	47.7	<b>78.6</b>	18,701.6			
June	62.1	30.3	31.8	17.5	<b>49.4</b>	18,751.0			
PERCENTAGE POINTS CONTRIBUTION TO ANNUAL CHANGE IN POPULATION									
1989-90			0.78	0.73	<b>1.5</b>				
1990-91			0.82	0.50	<b>1.3</b>				
1991-92			0.79	0.39	<b>1.2</b>				
1992-93			0.78	0.17	<b>1.0</b>				
1993-94			0.76	0.26	<b>1.1</b>				
1994-95			0.73	0.44	<b>1.2</b>				
1995-96			0.68	0.57	<b>1.3</b>				
1996-97			0.68	0.47	<b>1.2</b>				
1997-98			0.64	0.57	<b>1.2</b>				
PERCENTAGE POINTS CONTRIBUTION TO QUARTERLY CHANGE IN POPULATION									
1996-97 June			0.17	0.03	<b>0.2</b>				
1997-98 September			0.14	0.16	<b>0.3</b>				
December			0.17	0.06	<b>0.2</b>				
March			0.17	0.26	<b>0.4</b>				
			0.17	0.09	<b>0.3</b>				

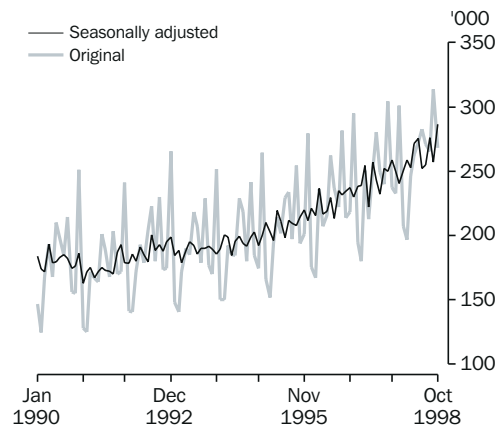
(a) : Total population increase is equal to the change in population. Prior to 1992 this is not equal to natural increase (live births less deaths) plus net immigration because of the distribution of the intercensal discrepancy. There is now an intercensal discrepancy for 1986-91. (b) : Includes Cocos (Keeling) Islands, Christmas Island and Jervis Bay Territory from September quarter 1993. Source: Australian Demographic Statistics (3101.0).

SHORT TERM VISITOR ARRIVALS



Source:ABS 3401.0 Monthly data

SHORT TERM RESIDENT DEPARTURES



Source:ABS 3401.0 Monthly data

TABLE 6.10. OVERSEAS ARRIVALS AND DEPARTURES

Period	Original									Seasonally adjusted		
	Arrivals				Total	Departures				Short-term overseas visitor arrivals	Short-term Australian resident departures	
	Per-manent	Short-term Long-term residents	Short-term Australian residents	Short-term overseas visitors		Per-manent	Short-term Long-term residents	Short-term Australian residents	Short-term overseas visitors			Total
ANNUAL ('000)												
1989-90	121.2	110.7	2,026.1	2,147.3	4,405.3	27.9	100.2	2,087.8	2,092.8	4,308.6		
1990-91	121.7	114.7	2,054.1	2,227.4	4,518.0	31.1	110.5	2,115.6	2,193.8	4,450.8		
1991-92	107.4	126.8	2,072.5	2,519.7	4,826.4	29.1	115.2	2,173.4	2,473.6	4,791.4		
1992-93	76.3	127.4	2,218.3	2,785.6	5,207.9	27.9	113.2	2,299.5	2,730.5	5,171.4		
1993-94	69.8	137.6	2,245.5	3,168.7	5,621.7	27.2	112.7	2,304.0	3,119.0	5,562.9		
1994-95	87.4	151.1	2,387.0	3,535.3	6,160.8	26.9	118.5	2,422.2	3,486.6	6,053.9		
1995-96	99.1	163.6	2,569.6	3,966.2	6,798.2	28.7	124.4	2,624.3	3,910.1	6,687.6		
1996-97	85.7	175.2	2,786.1	4,252.8	7,299.7	29.8	136.7	2,837.2	4,216.9	7,220.8		
1997-98	77.4	188.1	3,020.1	4,220.1	7,505.4	32.0	154.3	3,032.0	4,198.4	7,416.5		
MONTHLY ('000)												
1997-98												
September	6.3	12.2	270.6	330.9	620.0	2.1	10.1	304.2	303.2	619.6	383.6	249.7
October	6.0	13.5	324.2	366.5	710.2	2.2	9.3	236.9	336.2	584.5	366.7	259.0
November	6.2	12.6	235.5	379.5	633.8	2.3	12.9	232.5	381.9	629.6	350.5	249.8
December	6.7	17.8	175.2	448.3	647.9	2.7	19.5	300.7	366.1	689.0	350.5	240.4
January	7.0	23.0	336.0	346.2	712.2	3.3	17.5	207.3	422.7	650.8	349.8	250.5
February	6.2	28.2	223.8	353.6	611.7	2.4	11.3	196.9	341.2	551.8	332.6	258.5
March	6.4	12.7	217.2	338.6	574.8	2.8	12.4	246.6	349.1	610.8	324.2	252.5
April	6.4	12.6	237.7	341.1	597.8	2.8	12.2	262.5	361.2	638.7	355.3	271.6
May	6.2	10.1	233.3	283.4	532.9	2.7	11.3	272.8	308.4	595.2	354.1	275.5
June	7.0	11.8	237.3	304.2	560.4	3.4	13.2	282.3	299.2	598.0	353.7	252.2
1998-99												
July	7.4	21.8	295.1	372.3	696.7	2.5	12.0	271.1	323.7	609.2	366.5	254.8
August	6.9	12.4	271.0	323.7	614.1	3.1	12.0	265.6	371.3	651.9	341.9	276.1
September	6.7	12.3	285.9	323.9	628.7	2.3	9.3	313.5	296.3	621.4	374.7	257.3
October	6.9	13.6	355.8	354.8	731.0	2.5	9.2	268.0	337.3	616.9	350.0	286.5
November	nya	nya	nya	365.7	nya	nya	nya	nya	nya	nya	341.5	nya

Source: Overseas Arrivals and Departures, Australia (3401.0).

# 7 INCOMES AND LABOUR COSTS

---

## TABLES

7.1	Sources and uses of household income . . . . .	86
7.2	Company profits before income tax, by broad industry . . . . .	88
7.3	Average weekly earnings of employees : full-time adults . . . . .	89
7.4	Total hourly rates of pay indexes, by occupation : excluding bonuses . . . . .	90
7.5	Labour costs . . . . .	91

---

## RELATED PUBLICATIONS

*Australian National Accounts: National Income, Expenditure and Product (5206.0)*

*Company Profits, Australia (5651.0)*

*Average Weekly Earnings, Australia, Preliminary (6301.0)*

*Average Weekly Earnings, States and Australia (6302.0)*

*Wage Cost Index, Australia (6345.0)*

**TABLE 7.1. SOURCES AND USES OF HOUSEHOLD INCOME**

Period	Compensation of employees	Gross operating surplus and mixed income	Property income	Social benefits receivable	Non-life insurance claims	Current transfers to non-profit institutions	Other current transfers	Total gross income
ANNUAL (\$ MILLION)								
1989-90	184,479	74,482	53,884	28,193	8,678	4,352	751	<b>354,819</b>
1990-91	192,303	73,553	52,972	32,629	9,518	4,690	788	<b>366,453</b>
1991-92	195,903	74,299	43,690	37,582	9,298	5,242	802	<b>366,816</b>
1992-93	202,842	78,453	38,701	40,556	8,751	5,818	807	<b>375,928</b>
1993-94	212,359	81,016	36,678	43,444	9,770	6,442	826	<b>390,535</b>
1994-95	227,066	84,425	44,606	45,146	11,357	7,218	888	<b>420,706</b>
1995-96	242,383	91,829	49,978	48,386	12,078	8,108	920	<b>453,682</b>
1996-97	258,898	96,100	47,313	51,030	11,376	8,558	1,043	<b>474,318</b>
1997-98	270,347	100,630	44,849	51,730	13,843	9,847	955	<b>492,201</b>
PERCENTAGE CHANGE FROM PREVIOUS YEAR								
1989-90	12.0	7.8	17.6	7.1	13.1	12.0		<b>11.5</b>
1990-91	4.2	-1.2	-1.7	22.0	9.7	7.8	4.9	<b>3.3</b>
1991-92	1.9	1.0	-17.5	25.6	-2.3	11.8	1.8	<b>0.1</b>
1992-93	3.5	5.6	-11.4	11.8	-5.9	11.0	0.6	<b>2.5</b>
1993-94	4.7	3.3	-5.2	7.0	11.6	10.7	2.4	<b>3.9</b>
1994-95	6.9	4.2	21.6	14.7	16.2	12.0	7.5	<b>7.7</b>
1995-96	6.7	8.8	12.0	13.3	6.3	12.3	3.6	<b>7.8</b>
1996-97	6.8	4.7	-5.3	8.9	-5.8	5.5	13.4	<b>4.5</b>
1997-98	4.4	4.7	-5.2	3.9	21.7	15.1	-8.4	<b>3.8</b>
SEASONALLY ADJUSTED UNLESS FOOTNOTED (\$ MILLION)								
1996-97								
September	64,082	23,962	12,671	12,615	2,811	1,933	260	<b>118,335</b>
December	64,689	23,933	12,017	12,679	2,767	2,122	259	<b>118,467</b>
March	64,928	23,977	11,465	13,008	2,822	2,138	260	<b>118,598</b>
June	65,735	24,385	11,143	12,974	2,976	2,471	264	<b>119,948</b>
1997-98								
September	66,208	24,651	11,328	12,993	3,270	2,343	239	<b>121,031</b>
December	67,521	24,763	10,973	12,863	3,425	2,437	239	<b>122,221</b>
March	68,057	25,333	10,822	13,003	3,538	2,468	239	<b>123,458</b>
June	69,211	25,797	11,739	13,025	3,610	2,660	239	<b>126,282</b>
1998-99								
September	71,415	25,715	10,849	13,334	3,631	2,082	241	<b>127,266</b>
PERCENTAGE CHANGE FROM PREVIOUS QUARTER								
1997-98								
September	0.7	1.1	1.7	0.6	9.9	-5.2	-81.9	<b>0.9</b>
December	2.0	0.5	-3.1	0.4	4.7	4.0	1.1	<b>1.0</b>
March	0.8	2.3	-1.4	1.9	3.3	1.2	-3.4	<b>1.0</b>
June	1.7	1.8	8.5	1.6	2.0	7.8	10.7	<b>2.3</b>
1998-99								
September	3.2	-0.3	-7.6	6.7	0.6	-21.7	-0.5	<b>0.8</b>

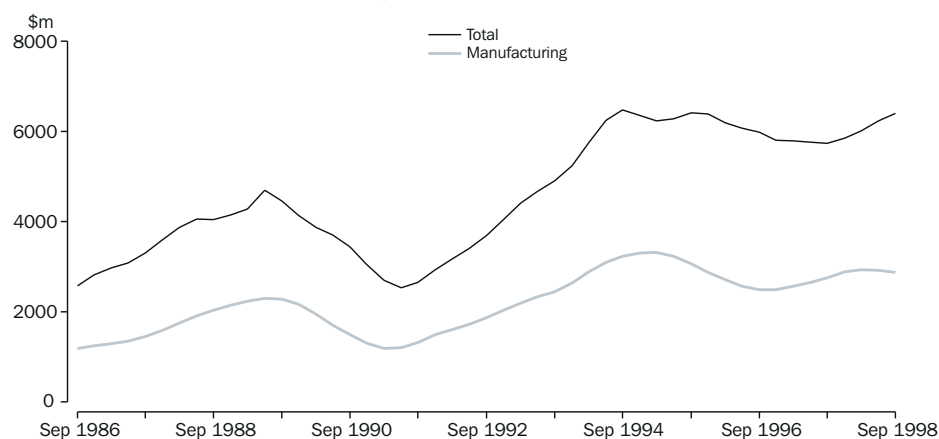
Source: Australian National Accounts: National Income, Expenditure and Product (5206.0).

TABLE 7.1. SOURCES AND USES OF HOUSEHOLD INCOME – *continued*

Period	Consumer debt interest(a)	Other property income payable	Income tax payable	Social contributions for workers compensation	Taxes on income, wealth etc.	Other current transfers	Gross disposable income	Households final consumption expenditure	Consumption of fixed capital	Net saving
ANNUAL (\$ MILLION)										
1989-90	7,515	23,947	49,931	3,720	1,032	862	260,274	217,075	22,588	20,611
1990-91	5,761	25,203	50,156	3,859	900	984	271,818	232,238	22,760	16,820
1991-92	3,712	19,740	46,830	3,663	1,208	1,052	282,130	243,997	23,352	14,781
1992-93	2,551	17,705	47,527	3,889	1,372	1,061	292,798	255,066	24,454	13,278
1993-94	2,684	16,573	50,570	3,704	1,544	1,091	304,630	265,952	26,102	12,576
1994-95	3,644	20,235	54,634	4,414	1,600	1,124	325,169	282,395	26,517	16,257
1995-96	4,569	23,906	60,603	4,717	1,604	1,188	346,368	301,571	27,083	17,714
1996-97	4,621	22,541	66,278	4,846	1,761	1,264	361,223	312,935	28,151	20,137
1997-98	4,399	21,287	70,615	5,019	1,940	1,389	375,142	332,172	30,202	12,768
PERCENTAGE CHANGE FROM PREVIOUS YEAR										
1989-90	45.0	24.8	5.3	12.9	16.0	13.2	11.4	10.9	0.4	33.7
1990-91	-23.3	5.2	0.5	3.7	-12.8	28.7	4.4	7.0	0.8	-18.4
1991-92	-35.6	-21.7	-6.6	-5.1	34.2	15.8	3.8	5.1	2.6	-12.1
1992-93	-31.3	-10.3	1.5	6.2	13.6	1.7	3.8	4.5	4.7	-10.2
1993-94	5.2	-6.4	6.4	-4.8	12.5	5.6	4.0	4.3	6.7	-5.3
1994-95	35.8	22.1	8.0	19.2	3.6	5.7	6.7	6.2	1.6	29.3
1995-96	25.4	18.1	10.9	6.9	0.3	11.8	6.5	6.8	2.1	9.0
1996-97	1.1	-5.7	9.4	2.7	9.8	13.1	4.3	3.8	3.9	13.7
1997-98	-4.8	-5.6	6.5	3.6	10.2	20.2	3.9	6.1	7.3	-36.6
SEASONALLY ADJUSTED UNLESS FOOTNOTED (\$ MILLION)										
1996-97										
September	1,170	6,001	15,828	1,197	424	322	90,533	77,017	6,907	6,609
December	1,157	5,844	16,490	1,214	419	333	90,085	77,689	6,974	5,422
March	1,127	5,421	16,534	1,216	454	296	90,571	78,655	7,071	4,845
June	1,166	5,280	17,715	1,218	465	316	90,769	79,660	7,199	3,910
1997-98										
September	1,071	5,337	16,783	1,227	473	357	92,738	81,200	7,388	4,150
December	1,086	5,244	17,587	1,246	482	338	93,153	82,836	7,517	2,800
March	1,126	5,327	17,776	1,261	484	312	94,051	83,542	7,615	2,894
June	1,115	5,380	18,072	1,285	501	381	96,389	84,659	7,682	4,048
1998-99										
September	1,105	5,442	19,643	1,335	505	340	95,699	85,887	7,833	1,979
PERCENTAGE CHANGE FROM PREVIOUS QUARTER										
1997-98										
September	-8.1	1.1	-5.3	0.7	1.7	26.5	2.2	1.9	2.6	6.1
December	1.4	-1.7	4.8	1.6	2.0	-10.3	0.4	2.0	1.7	-32.5
March	3.7	1.6	1.1	1.2	0.4	-15.9	1.0	0.9	1.3	3.3
June	-1.0	1.0	1.7	1.9	3.4	49.8	2.5	1.3	0.9	39.9
1998-99										
September	-0.9	1.2	8.7	3.9	0.8	-19.8	-0.7	1.5	2.0	-51.1

(a) : Seasonally adjusted data not available. Original data provided. Source: Australian National Accounts: National Income, Expenditure and Product (5206.0).

COMPANY PROFITS BEFORE INCOME TAX, Trend



Source: ABS 5651.0. Quarterly data

**TABLE 7.2. COMPANY PROFITS BEFORE INCOME TAX, BY BROAD INDUSTRY (a)**

Period	Mining	Manu- facturing	Cons- truction	Wholesale trade	Retail trade	Transport and storage	Services to finance and insurance	Property and business services	Other services	Total
SEASONALLY ADJUSTED (\$ MILLION)										
1996-97										
September	1,366	2,405	154	524	369	167	134	-82	460	5,497
December	1,803	2,623	148	590	403	239	107	-23	390	6,280
March	1,431	2,488	130	589	402	268	52	-75	291	5,575
June	1,284	2,602	316	629	456	242	-37	19	234	5,744
1997-98										
September	1,498	2,815	184	877	320	282	31	-45	256	6,218
December	1,103	2,879	137	597	432	102	-217	0	287	5,322
March	1,434	2,863	253	607	378	257	60	28	400	6,279
June	1,098	3,095	281	807	383	280	-51	-26	363	6,229
1998-99										
September	1,458	2,726	194	599	502	275	20	259	344	6,378
PERCENTAGE CHANGE FROM PREVIOUS QUARTER										
1997-98										
September	16.7	8.2	-41.8	39.4	-29.9	16.6	na	na	9.5	8.3
December	-26.4	2.3	-25.4	-31.8	35.3	-63.7			12.1	-14.4
March	30.0	-0.6	84.9	1.6	-12.7	150.5			39.3	18.0
June	-23.5	8.1	11.0	32.9	1.5	9.1			-9.2	-0.8
1998-99										
September	32.8	-11.9	-31.2	-25.7	31.0	-1.7			-5.1	2.4
TREND (\$ MILLION)										
1996-97										
September	1,594	2,483	148	576	373	190	161	-4	461	5,982
December	1,571	2,490	143	549	399	224	100	-52	379	5,804
March	1,501	2,552	152	612	412	261	51	-44	299	5,796
June	1,396	2,645	158	693	405	257	-9	-26	246	5,766
1997-98										
September	1,317	2,750	165	710	392	218	-58	-13	255	5,736
December	1,287	2,884	193	697	379	199	-72	-16	309	5,859
March	1,259	2,934	225	674	391	221	-48	7	354	6,017
June	1,279	2,922	244	672	422	260	-13	74	369	6,229
1998-99										
September	1,336	2,867	239	685	453	298	21	142	364	6,405
PERCENTAGE CHANGE FROM PREVIOUS QUARTER										
1997-98										
September	-5.7	4.0	4.7	2.4	-3.2	-15.1	na	na	3.5	-0.5
December	-2.3	4.9	16.6	-1.9	-3.3	-8.6			21.1	2.1
March	-2.1	1.7	16.7	-3.3	3.0	10.9			14.6	2.7
June	1.6	-0.4	8.4	-0.3	7.9	17.8			4.3	3.5
1998-99										
September	4.4	-1.9	-2.1	1.9	7.5	14.5			-1.3	2.8

(a) : Excludes public sector and unincorporated sector. Also excludes companies with 30 employees or fewer and all companies classified to agriculture, forestry, fishing, hunting, banking, non-bank finance, insurance, unit trusts, land trusts, mutual funds and community services.  
Source: Company Profits, Australia (5651.0).

**TABLE 7.3. AVERAGE WEEKLY EARNINGS OF EMPLOYEES : FULL-TIME ADULTS**

Period	Full-time adults						All employees		
	Ordinary time earnings			Total earnings			Total earnings		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
ANNUAL AVERAGE (\$ PER WEEK) (a)									
1989-90	552.18	458.28	520.95	598.60	471.25	556.28	542.30	352.88	459.70
1990-91	588.25	491.38	555.40	632.73	503.58	588.93	574.10	376.88	486.65
1991-92	615.43	516.20	580.75	655.90	527.95	611.20	590.35	393.80	500.75
1992-93	627.15	525.75	591.03	672.60	537.85	624.63	605.23	402.35	510.95
1993-94	645.95	542.78	609.10	695.68	556.18	645.90	621.95	414.45	525.73
1994-95	672.98	564.05	633.90	729.30	578.13	675.10	645.10	426.68	543.75
1995-96	705.05	585.80	662.53	761.90	599.85	704.10	664.28	435.00	557.28
1996-97	731.38	611.80	688.23	787.43	626.33	729.28	682.35	451.85	574.03
1997-98	763.63	637.25	716.78	819.63	651.53	757.30	708.30	466.18	592.13
PERCENTAGE CHANGE FROM PREVIOUS YEAR									
1990-91	6.5	7.2	6.6	5.7	6.9	5.9	5.9	6.8	5.9
1991-92	4.6	5.1	4.6	3.7	4.8	3.8	2.8	4.5	2.9
1992-93	1.9	1.9	1.8	2.5	1.9	2.2	2.5	2.2	2.0
1993-94	3.0	3.2	3.1	3.4	3.4	3.4	2.8	3.0	2.9
1994-95	4.2	3.9	4.1	4.8	3.9	4.5	3.7	2.9	3.4
1995-96	4.8	3.9	4.5	4.5	3.8	4.3	3.0	2.0	2.5
1996-97	3.7	4.4	3.9	3.4	4.4	3.6	2.7	3.9	3.0
1997-98	4.4	4.2	4.1	4.1	4.0	3.8	3.8	3.2	3.2
ORIGINAL (\$ PER WEEK)									
1996-97									
November	727.00	611.90	685.60	787.90	627.50	730.20	679.80	447.10	570.00
February	738.00	615.60	694.10	791.20	628.80	732.90	688.70	457.80	581.60
May	740.70	620.30	696.60	795.80	634.80	736.80	687.10	457.40	577.80
1997-98									
August	753.60	626.90	706.60	808.00	641.20	746.10	693.80	460.20	582.20
November	757.70	633.20	711.30	815.50	648.30	753.20	709.30	466.10	592.70
February	770.00	642.00	722.30	825.10	656.00	762.10	715.60	470.10	597.40
May	773.20	646.90	726.90	829.90	660.60	767.80	714.50	468.30	596.20
1998-99									
August	784.30	653.10	736.10	839.60	666.50	776.00	721.80	473.80	602.90
November	789.60	663.20	742.70	850.00	678.50	786.30	724.00	477.40	604.60
PERCENTAGE CHANGE FROM PREVIOUS REFERENCE DATE									
1997-98									
November	0.5	1.0	0.7	0.9	1.1	1.0	2.2	1.3	1.8
February	1.6	1.4	1.5	1.2	1.2	1.2	0.9	0.9	0.8
May	0.4	0.8	0.6	0.6	0.7	0.7	-0.2	-0.4	-0.2
1998-99									
August	1.4	1.0	1.3	1.2	0.9	1.1	1.0	1.2	1.1
November	0.7	1.6	0.9	1.2	1.8	1.3	0.3	0.8	0.3
PERCENTAGE CHANGE FROM SAME REFERENCE DATE IN PREVIOUS YEAR									
1997-98									
November	4.2	3.5	3.7	3.5	3.3	3.1	4.3	4.2	4.0
February	4.3	4.3	4.1	4.3	4.3	4.0	3.9	2.7	2.7
May	4.4	4.3	4.3	4.3	4.1	4.2	4.0	2.4	3.2
1998-99									
August	4.1	4.2	4.2	3.9	3.9	4.0	4.0	3.0	3.6
November	4.2	4.7	4.4	4.2	4.7	4.4	2.1	2.4	2.0

(a) : Derived as annual average of average weekly earnings in the specified pay period in each quarter. Source: *Average Weekly Earnings, Australia, Preliminary* (6301.0) and *Average Weekly Earnings, States and Australia* (6302.0).

**Release of the new Wage Cost Index**

On 26 March 1998, the ABS released the new publication *Wage Cost Index, Australia* (Cat. no. 6345.0). The Wage Cost Index (WCI) measures changes in wage and salary costs for employee jobs, and is unaffected by changes in the quality and quantity of work performed. The index has a base period of September quarter 1997 = 100.

There are four sets of quarterly indexes in the WCI publication:

- Ordinary time hourly rates of pay indexes — excluding bonuses
- Ordinary time hourly rates of pay indexes — including bonuses
- Total hourly rates of pay indexes — excluding bonuses
- Total hourly rates of pay indexes — including bonuses

Table 7.4 below shows *Total hourly rates of pay indexes, by occupation: excluding bonuses*. The indexes in Table 7.4 combine ordinary time and overtime hourly rates and therefore include the effect of any changes in overtime penalty rates. However, they are not affected by changes in penalty payments (which fluctuate depending on the number of hours paid at penalty rates) and allowances (which fluctuate according to how much work is performed under special work conditions e.g. height, dirt and/or heat allowances).

More detailed information on the WCI is contained in the April 1998 edition of *Australian Economic Indicators* and in *Information Paper: Wage Cost Index, Australia* (Cat. no. 6346.0).

**TABLE 7.4. TOTAL HOURLY RATES OF PAY INDEXES, BY OCCUPATION : EXCLUDING BONUSES**

Period	Managers and administrators	Professionals	Associate professionals	Tradespersons and related workers	Advanced clerical, sales and service workers	Intermediate clerical, sales and service workers	Intermediate production and transport workers	Elementary clerical, sales and service workers	Labourers and related workers	All occupations
QUARTERLY (SEPTEMBER QUARTER 1997 = 100.0)										
1996-97 September										
December										
March										
June										
<i>(Note: Index numbers have not been compiled PRIOR to the September quarter 1997)</i>										
1997-98 September	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
December	101.1	100.8	100.9	100.8	100.8	100.7	100.7	100.8	100.9	100.8
March	102.1	101.8	101.8	101.9	101.6	101.5	101.6	101.2	101.9	101.7
June	102.6	102.2	102.2	102.5	101.9	101.8	102.0	101.9	102.3	102.1
1998-99 September	103.6	103.6	103.3	103.6	103.5	102.9	103.2	102.8	103.3	103.3
PERCENTAGE CHANGE FROM PREVIOUS QUARTER										
1996-97 June										
<i>(Note: Quarterly movements have not been compiled PRIOR to the December quarter 1997)</i>										
1997-98 September										
December	1.1	0.8	0.9	0.8	0.8	0.7	0.7	0.8	0.9	0.8
March	1.0	1.0	0.9	1.1	0.8	0.8	0.9	0.4	1.0	0.9
June	0.5	0.4	0.4	0.6	0.3	0.3	0.4	0.7	0.4	0.4
1998-99 September	1.0	1.4	1.1	1.1	1.6	1.1	1.2	0.9	1.0	1.2

Source: *Wage Cost Index, Australia* (6345.0)



TABLE 7.5. LABOUR COSTS

Period	Average earnings (National Accounts basis) (Dollars per week) (a)		Treasury indexes of average unit labour costs (b)			
	Nominal	Real (c)	Treasury hourly labour costs index (b) (d)	Private non-farm corporate sector (real) (e)	Non-farm sector (real) (f)	Non-farm sector (nominal) (g)
ANNUAL AVERAGE						
1989-90	550.5	100.3	120.5	104.4	96.4	118.3
1990-91	584.3	100.3	129.0	108.2	96.4	124.9
1991-92	608.8	101.5	135.5	106.6	96.0	126.9
1992-93	635.3	103.5	140.7	105.2	95.0	127.4
1993-94	651.8	104.2	142.9	104.5	95.1	127.8
1994-95	667.4	105.8	146.5	105.6	96.1	129.1
1995-96	693.9	107.3	152.1	105.0	96.3	132.8
1996-97	727.8	110.7	160.4	109.2	97.0	136.6
1997-98	754.6	113.0	166.8	107.8	96.0	137.0
QUARTERLY						
1996-97						
September	719.6	110.2	158.6	na	96.1	135.7
December	725.6	110.5	160.2		97.4	138.7
March	727.1	110.2	159.8		96.7	136.6
June	739.0	112.0	163.0		96.0	135.3
1997-98						
September	748.9	113.0	165.6		96.8	137.4
December	753.6	113.3	166.9		96.8	137.7
March	755.4	113.0	166.4		95.2	136.4
June	760.4	113.0	168.2		94.7	136.4
1998-99						
September	778.3	115.3	172.2		95.1	138.3

(a) :Average non-farm wages, salaries and supplements per wage and salary earner. Seasonally adjusted data. (b) :Base for index: 1986-87 = 100.0. (c) :Deflated by the Gross National Expenditure deflator. (d) :Non-farm wages, salaries and supplements, plus payroll tax less employment subsidies plus fringe benefits tax per hours worked by non-farm wage and salary earners. (e) :Ratio of derived private non-farm corporate wages, salaries and supplements plus payroll tax less employment subsidies, plus fringe benefits tax paid by the private non-farm corporate sector, to derived private non-farm corporate sector gross product at factor cost plus payroll tax less employment subsidies plus fringe benefits tax. (f) :Nominal unit labour costs (see footnote (g)) deflated by the derived implicit price deflator for gross non-farm product. (g) :Ratio of nominal hourly labour costs to average hourly labour productivity (real gross non-farm product per hour worked by all employed persons. Source: NIF-10S Model Data Base (1340.0) and Department of Treasury.

# 8

## FINANCIAL MARKETS

---

### TABLES

8.1	Financial aggregates . . . . .	94
8.2	Secured housing finance commitments to individuals . . . . .	95
8.3	Personal finance commitments . . . . .	96
8.4	Commercial and lease finance commitments . . . . .	97
8.5	Key interest rates . . . . .	98
8.6	Exchange rates . . . . .	99
8.7	Australian stock market indexes . . . . .	100
8.8	Credit market summary . . . . .	101

---

### RELATED PUBLICATIONS

*Housing Finance for Owner Occupation, Australia* (5609.0)

*Australian National Accounts: Financial Accounts* (5232.0)

*Lending Finance, Australia* (5671.0)

Australian Stock Exchange

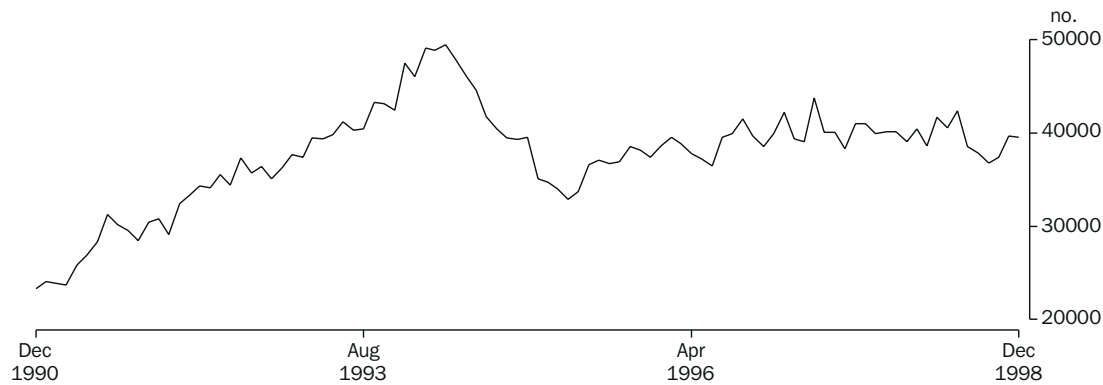
Reserve Bank of Australia *Bulletin*

TABLE 8.1. FINANCIAL AGGREGATES (\$ MILLION)

Period	Currency	Deposit with banks(a)		M3 (b)	Net NBF borrow- ings (c)	Broad money (d)	Money base (e)	Loans and advances (f)	Bank bills outstand- ing (g)	Total credit (h)
		Current	Other							
ORIGINAL										
1989-90	12,840	29,058	148,512	190,410	71,507	261,917	17,706	266,180	68,265	334,445
1990-91	14,620	30,182	157,848	202,650	63,752	266,402	18,717	274,519	66,277	340,796
1991-92	15,191	36,228	157,104	208,523	61,644	270,167	19,135	272,790	63,068	335,858
1992-93	16,192	47,729	165,690	229,612	49,782	279,393	20,497	280,978	61,441	342,419
1993-94	17,278	56,181	172,776	246,234	49,602	295,836	22,025	306,393	59,943	366,337
1994-95	18,233	56,956	188,428	263,617	53,397	317,014	23,491	341,269	59,136	400,404
1995-96	18,792	65,980	205,713	290,485	58,904	349,389	24,546	388,342	60,980	449,322
1996-97	19,754	77,125	224,135	321,014	62,129	383,143	34,108	426,288	61,479	487,767
1997-98	21,145	86,244	233,501	340,891	64,879	405,770	31,424	473,125	66,525	539,650
1997-98										
September	20,066	80,849	224,078	324,993	66,068	391,062	30,366	439,786	62,793	502,579
October	20,209	84,268	224,319	328,796	68,498	397,294	29,268	443,252	63,616	506,868
November	20,513	85,346	224,379	330,238	67,761	398,000	29,308	448,088	63,702	511,790
December	21,098	87,039	225,463	333,600	66,861	400,461	29,962	455,070	64,638	519,727
January	20,743	86,241	226,157	333,141	66,912	400,053	29,637	456,381	64,955	521,335
February	20,749	84,846	227,959	333,554	67,462	401,017	29,696	458,097	64,625	522,723
March	20,831	83,034	228,457	332,322	69,431	401,754	29,335	462,384	65,661	528,046
April	21,096	84,500	229,034	334,631	68,854	403,484	29,775	465,819	66,136	531,955
May	21,051	85,808	229,439	336,298	67,989	404,287	29,482	468,962	65,857	534,819
June	21,145	86,244	233,501	340,891	65,649	406,540	31,424	473,147	66,525	539,672
1998-99										
July	21,398	88,042	238,084	347,524	66,551	414,075	30,946	479,102	66,522	545,623
August	21,575	87,140	240,316	349,031	69,510	418,740	30,089	480,881	66,152	547,033
September	21,853	86,832	243,872	352,529	71,734	424,394	30,529	484,519	66,597	551,117
October	22,045	88,210	243,506	353,756	73,429	427,185	30,447	488,062	66,701	554,763
November	22,196	90,046	241,714	354,275	74,744	429,019	30,310	491,170	67,985	559,154
December	22,766	91,206	244,682	358,654	75,088	433,742	31,922	497,847	70,104	567,949
SEASONALLY ADJUSTED										
1997-98										
September	20,155	82,480	223,990	326,625	65,301	392,504				502,100
October	20,210	83,850	223,773	327,833	67,147	395,551				505,856
November	20,439	84,161	224,516	329,116	66,455	396,155				511,100
December	20,595	83,126	224,694	328,415	66,498	395,536				517,675
January	20,746	85,533	225,142	331,421	66,966	399,080				521,038
February	20,879	84,609	227,041	332,529	66,577	399,827				524,228
March	20,966	83,415	228,029	332,410	68,145	401,293				529,208
April	21,028	84,408	229,885	335,321	68,086	404,152				533,022
May	21,174	87,342	230,692	339,208	67,400	407,355				536,123
June	21,233	87,960	233,847	343,040	65,258	409,080				540,758
1998-99										
July	21,437	88,439	238,583	348,459	67,281	415,740				544,132
August	21,621	88,415	241,175	351,171	70,092	421,263				547,002
September	21,952	88,160	243,773	353,535	71,947	425,482				550,597
October	22,046	88,300	242,857	353,203	72,490	425,693				553,678
November	22,116	88,755	242,187	353,058	73,924	426,982				558,460
December	22,226	87,077	243,856	353,159	75,347	428,506				565,686

(a) : Excludes Commonwealth and State Government and interbank deposits but includes deposits of the private non-bank sector with the Reserve Bank. (b) : Currency plus bank deposits (including certificates of deposit with trading banks) of the private non-bank sector. (c) : Borrowings (other than from banks and related corporations) by permanent building societies, credit co-operatives, finance companies, authorised money market dealers, pastoral finance companies, money market corporations, general financiers and cash management trusts; less borrowings by authorised money market dealers from those non-bank intermediaries. Breaks occur from time to time due to changes in the number of reporting corporations. (d) : M3 plus borrowings from private sector by non-bank financial intermediaries less the latter's holdings of currency and bank deposits. (e) : Holdings of notes and coin by the private sector, plus deposits of banks with the Reserve Bank and Reserve Bank liabilities to the private non-bank sector. (f) : Loans and advances of those financial intermediaries whose deposit liabilities are included in broad money. (g) : Bills outstanding under acceptance and endorsement commitments by banks. (h) : Credit is equal to bank bills outstanding plus loans and advances by financial intermediaries whose liabilities are included in broad money. Source: Reserve Bank of Australia Bulletin (RBA).

SECURED HOUSING FINANCE COMMITMENTS TO INDIVIDUALS,  
Seasonally adjusted



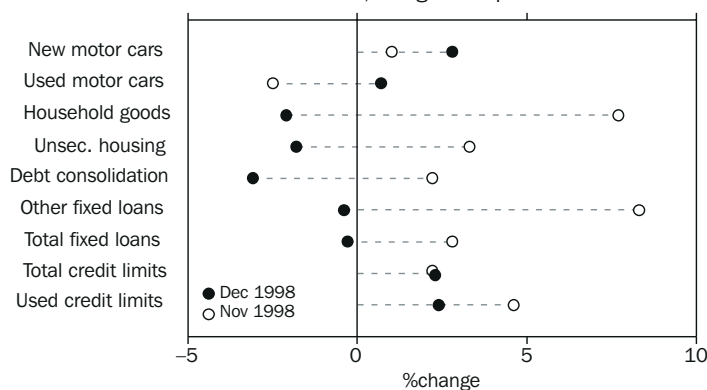
Source: ABS 5609.0 Monthly data

TABLE 8.2. SECURED HOUSING FINANCE COMMITMENTS TO INDIVIDUALS

Period	Construction of dwellings		Purchase of newly erected dwellings		Purchase of established dwellings		Total		Alterations and additions \$ million (a)
	Dwelling units	\$ million	Dwelling units	\$ million	Dwelling units	\$ million	Dwelling units	\$ million	
ANNUAL									
1989-90	62,583	3,536	14,318	1,085	203,170	14,339	280,071	18,960	905
1990-91	63,125	3,821	16,411	1,320	214,185	15,634	293,721	20,776	983
1991-92	74,542	4,828	19,766	1,636	284,998	22,074	379,306	28,538	1,359
1992-93	90,317	6,450	20,580	1,750	342,241	28,578	453,138	36,778	1,642
1993-94	98,909	8,154	25,232	2,368	420,344	37,310	544,485	47,832	4,159
1994-95	81,778	7,275	21,658	2,225	347,912	32,806	451,348	42,306	6,954
1995-96	64,228	6,086	20,815	2,178	366,477	35,414	451,520	43,679	7,019
1996-97	65,869	6,649	23,052	2,654	392,516	40,676	481,437	49,979	6,078
1997-98	74,217	8,380	23,270	2,907	384,686	43,375	482,173	54,663	5,558
PERCENTAGE CHANGE FROM PREVIOUS YEAR									
1989-90	-17.0	-12.2	-26.0	-12.3	-23.3	-18.2	-22.1	-16.8	-9.4
1990-91	0.9	8.1	14.6	21.6	5.4	9.0	4.9	9.6	8.6
1991-92	18.1	26.4	20.4	23.9	33.1	41.2	29.1	37.4	38.3
1992-93	21.2	33.6	4.1	7.0	20.1	29.5	19.5	28.9	20.8
1993-94	9.5	26.4	22.6	35.3	22.8	30.6	20.2	30.1	76.6
1994-95	-17.3	-10.8	-14.2	-6.1	-17.2	-12.1	-17.1	-11.6	19.9
1995-96	-21.5	-16.3	-3.9	-2.1	5.3	8.0	0.0	3.2	0.9
1996-97	2.6	9.3	10.7	21.8	7.1	14.9	6.6	14.4	-13.4
1997-98	12.7	26.0	0.9	9.6	-2.0	6.6	0.2	9.4	-8.6
SEASONALLY ADJUSTED UNLESS FOOTNOTED									
1997-98									
October	6,136	687	1,988	246	31,811	3,618	39,936	4,551	265
November	5,985	691	1,967	245	32,215	3,661	40,167	4,598	235
December	6,233	717	2,076	272	31,813	3,620	40,122	4,609	222
January	6,044	702	1,886	230	31,160	3,580	39,091	4,512	190
February	6,283	711	1,927	237	32,197	3,620	40,407	4,567	243
March	6,053	687	1,889	238	30,642	3,476	38,584	4,401	256
April	6,225	691	1,796	229	33,670	3,771	41,691	4,691	224
May	6,195	695	1,858	232	32,469	3,679	40,522	4,606	225
June	6,763	818	1,910	239	33,661	3,815	42,334	4,872	3,024
1998-99									
July	5,820	700	1,928	241	30,822	3,611	38,570	4,552	222
August	5,720	707	1,747	234	30,346	3,556	37,813	4,496	200
September	5,542	709	1,701	228	29,569	3,479	36,812	4,417	203
October	5,738	718	1,660	226	29,952	3,635	37,351	4,579	216
November	5,985	738	1,622	233	32,061	3,978	39,668	4,948	219
December	5,909	761	1,707	250	31,919	4,071	39,535	5,082	218
PERCENTAGE CHANGE FROM PREVIOUS MONTH									
1997-98									
June	9.2	17.7	2.8	3.1	3.7	3.7	4.5	5.8	9.0
1998-99									
July	-13.9	-14.4	0.9	0.9	-8.4	-5.4	-8.9	-6.6	-9.4
August	-1.7	0.9	-9.4	-3.0	-1.5	-1.5	-2.0	-1.2	-10.1
September	-3.1	0.4	-2.6	-2.4	-2.6	-2.1	-2.6	-1.8	1.9
October	3.6	1.2	-2.4	-1.1	1.3	4.5	1.5	3.7	6.4
November	4.3	2.8	-2.3	3.0	7.0	9.4	6.2	8.1	1.3
December	-1.3	3.1	5.2	7.6	-0.4	2.3	-0.3	2.7	-0.6

(a) : Seasonally adjusted data not available. Original data provided. Source: Housing Finance for Owner Occupation, Australia (5609.0).

PERSONAL FINANCE COMMITMENTS, Change from previous month



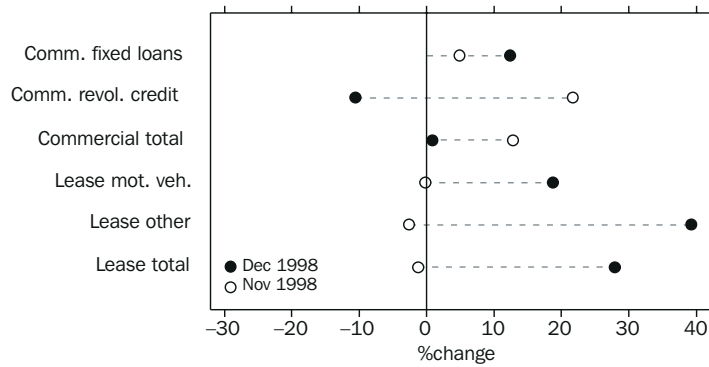
Source: ABS 5671.0 Monthly data

TABLE 8.3. PERSONAL FINANCE COMMITMENTS

Period	Commitments under fixed loan facilities for —									Commitments under revolving credit facilities		
	Purchase of				House- hold and personal goods \$ m	Unsec- ured owner- occupied housing \$ m	Debt consoli- dation and refin- ancing \$ m	Other \$ m	Total \$ m	New and increased credit limits during period \$ m	Credit limits at end of period	
	Motor cars and station wagons		Number	\$ m							\$ m	\$ m
	New	Used										
ANNUAL												
1993-94	109,568	2,044	436,469	4,470	532	530	4,653	4,327	<b>16,556</b>	8,897	37,792	16,061
1994-95	131,105	2,624	467,665	5,136	541	626	4,969	4,727	<b>18,623</b>	9,891	40,524	16,767
1995-96	129,692	2,505	489,204	5,557	565	704	6,027	5,574	<b>20,931</b>	11,351	44,402	18,047
1996-97	132,986	2,634	454,706	5,405	739	758	5,615	5,976	<b>21,127</b>	14,441	51,601	21,358
1997-98	157,023	3,118	444,164	5,622	794	645	5,128	6,973	<b>22,280</b>	20,640	64,279	28,124
PERCENTAGE CHANGE FROM PREVIOUS YEAR												
1993-94	9.1	25.0	12.8	25.7	7.7	8.3	45.3	7.2	<b>23.4</b>	21.8	11.4	14.2
1994-95	19.7	28.3	7.1	14.9	1.7	18.1	6.8	9.3	<b>12.5</b>	11.2	7.2	4.4
1995-96	-1.1	-4.5	4.6	8.2	4.3	12.5	21.3	17.9	<b>12.4</b>	14.8	9.6	7.6
1996-97	2.5	5.1	-7.1	-2.7	30.8	7.7	-6.8	7.2	<b>0.9</b>	27.2	16.2	18.3
1997-98	18.1	18.4	-2.3	4.0	7.4	-14.9	-8.7	16.7	<b>5.5</b>	42.9	24.6	31.7
ORIGINAL												
1997-98	13,409	260	38,924	484	66	58	444	587	<b>1,898</b>	1,926	55,959	22,766
October	13,031	251	36,007	452	78	55	408	560	<b>1,805</b>	1,846	56,826	23,320
November	14,069	281	37,131	479	69	58	416	590	<b>1,891</b>	1,827	57,939	24,238
January	12,355	247	35,718	463	65	46	390	540	<b>1,750</b>	1,345	58,723	24,462
February	12,052	249	35,773	462	59	50	414	602	<b>1,836</b>	1,421	59,582	25,323
March	13,842	283	37,156	479	64	64	418	655	<b>1,964</b>	1,672	60,658	25,807
April	12,005	245	34,929	444	62	56	390	546	<b>1,743</b>	1,745	61,739	26,230
May	12,879	253	34,921	446	73	53	411	575	<b>1,812</b>	1,816	62,891	26,945
June	17,022	320	37,577	476	67	48	462	614	<b>1,987</b>	1,892	64,279	28,124
1998-99	15,942	309	36,302	468	63	49	395	554	<b>1,838</b>	1,903	63,919	27,599
July	13,228	265	33,110	436	53	44	328	507	<b>1,634</b>	1,857	65,250	28,392
August	12,931	272	35,573	468	56	48	368	534	<b>1,745</b>	1,921	66,683	28,587
September	12,590	265	32,700	449	66	45	354	513	<b>1,692</b>	2,059	68,034	29,804
October	12,969	267	32,887	437	71	47	361	556	<b>1,740</b>	1,952	69,499	31,174
November	13,032	275	32,777	440	70	46	350	553	<b>1,735</b>	2,189	71,109	31,909
PERCENTAGE CHANGE FROM PREVIOUS MONTH												
1997-98	32.2	26.7	7.6	6.7	-9.0	-8.8	12.4	6.7	<b>9.7</b>	4.2	2.2	4.4
1998-99	-6.3	-3.4	-3.4	-1.7	-5.7	2.1	-14.6	-9.8	<b>-7.5</b>	0.6	-0.6	-1.9
July	-17.0	-14.3	-8.8	-6.9	-14.9	-10.6	-17.0	-8.3	<b>-11.1</b>	-2.4	2.1	2.9
August	-2.2	2.4	7.4	7.4	5.3	8.2	12.2	5.3	<b>6.8</b>	3.4	2.2	0.7
September	-2.6	-2.5	-8.1	-4.1	17.6	-5.2	-3.8	-3.9	<b>-3.1</b>	7.2	2.0	4.3
October	3.0	1.0	0.6	-2.5	7.7	3.3	2.2	8.3	<b>2.8</b>	-5.2	2.2	4.6
November	0.5	2.8	-0.3	0.7	-2.1	-1.8	-3.1	-0.4	<b>-0.3</b>	12.1	2.3	2.4

Source: Lending Finance, Australia (5671.0).

COMMERCIAL AND LEASE FINANCE COMMITMENTS,  
Change from previous month



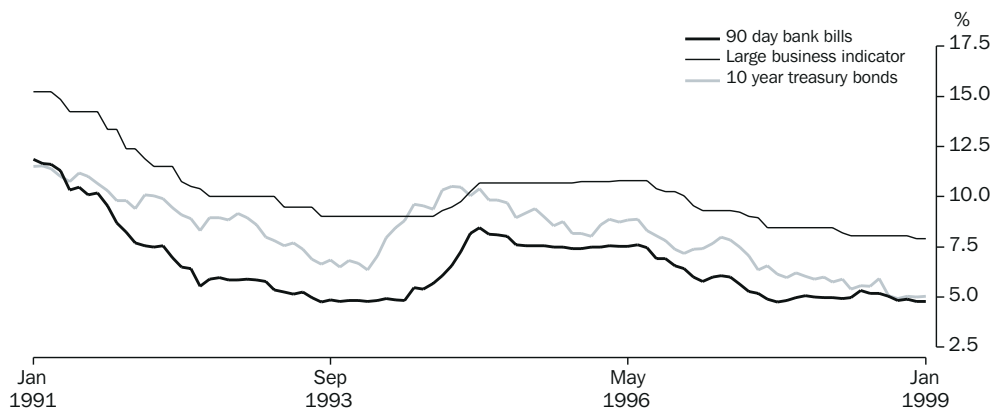
Source: ABS 5671.0, Monthly data

TABLE 8.4. COMMERCIAL AND LEASE FINANCE COMMITMENTS

Period	Commercial			Lease		
	Fixed loan facilities	Revolving credit facilities	Total	Motor vehicles	Other	Total
ANNUAL (\$ MILLION)						
1993-94	46,583	48,557	95,139	3,557	2,290	5,846
1994-95	50,520	53,812	104,331	3,871	2,593	6,463
1995-96	64,317	75,016	139,334	4,086	3,021	7,107
1996-97	75,976	78,560	154,536	4,076	3,302	7,379
1997-98	91,221	81,269	172,489	4,954	4,028	8,982
PERCENTAGE CHANGE FROM PREVIOUS YEAR						
1993-94	27.3	-3.6	9.4	18.6	19.6	19.0
1994-95	8.5	10.8	9.7	8.8	13.2	10.6
1995-96	27.3	39.4	33.5	5.6	16.5	10.0
1996-97	18.1	4.7	10.9	-0.2	9.3	3.8
1997-98	20.1	3.4	11.6	21.5	22.0	21.7
ORIGINAL (\$ MILLION)						
1997-98						
October	8,123	7,705	15,828	401	302	703
November	8,067	6,684	14,751	363	300	663
December	8,523	7,212	15,736	441	361	802
January	5,568	4,617	10,186	333	242	575
February	7,151	6,207	13,358	361	305	666
March	6,748	6,016	12,764	467	369	836
April	6,637	7,083	13,720	409	272	682
May	7,696	6,507	14,202	417	317	734
June	10,038	6,318	16,356	611	552	1,163
1998-99						
July	9,002	7,652	16,654	505	399	904
August	6,984	7,665	14,649	380	308	687
September	7,129	6,949	14,078	399	356	755
October	7,260	6,352	13,611	386	328	713
November	7,615	7,732	15,347	385	319	704
December	8,555	6,922	15,478	457	445	901
PERCENTAGE CHANGE FROM PREVIOUS MONTH						
1997-98						
June	30.4	-2.9	15.2	46.6	73.9	58.4
1998-99						
July	-10.3	21.1	1.8	-17.4	-27.6	-22.3
August	-22.4	0.2	-12.0	-24.7	-23.0	-23.9
September	2.1	-9.3	-3.9	4.9	15.8	9.8
October	1.8	-8.6	-3.3	-3.3	-8.0	-5.5
November	4.9	21.7	12.8	-0.2	-2.6	-1.3
December	12.4	-10.5	0.9	18.7	39.2	27.9

Source: Lending Finance, Australia (5671.0).

KEY INTEREST RATES



Source: RBA Statistical Bulletin, Monthly data

TABLE 8.5. KEY INTEREST RATES (a)

Period	Private							Commonwealth government securities				
	Authorised dealers: weighted average rate (b)	90-day bank bills \$100,000; (c)	Fixed bank deposits: \$5,000 to 12 months	Unofficial market rate (d)	Banks' business loans (e)		Housing loans — banks (f)	13 week Treasury notes	Treasury Bonds			
					Large variable	Small variable			3 year	5 year	10 year	
ORIGINAL (PER CENT)												
1989-90	14.98	15.09	14.25	15.05	18.50	18.70	16.50	14.75	na	13.80	13.40	
1990-91	10.39	10.48	10.00	10.54	14.25	14.35	13.00	10.10		11.07	11.17	
1991-92	6.41	6.41	6.00	6.56	10.50	10.90	10.50	6.17	7.04	7.83	8.90	
1992-93	5.21	5.25	5.20	5.27	9.50	9.75	9.50	5.08	6.22	6.83	7.37	
1993-94	4.69	5.47	5.55	4.77	9.00	9.30	8.75	5.40	8.61	9.04	9.63	
1994-95	7.44	7.57	7.10	7.51	10.70	11.10	10.50	7.50	8.27	8.61	9.21	
1995-96	7.17	7.59	7.15	7.51	10.80	11.25	9.75	7.39	8.28	8.59	8.88	
1996-97	na	5.28	5.00	5.57	9.00	9.50	7.20	5.23	5.93	6.44	7.05	
1997-98		5.32	4.60	5.07	8.05	7.70	6.70	4.98	5.25	5.38	5.58	
1997-98												
October	na	4.83	4.45	4.98	8.45	8.75	6.70	4.76	5.24	5.58	5.96	
November		4.95	4.45	5.00	8.45	8.75	6.70	4.88	5.59	5.88	6.20	
December		5.07	4.50	5.03	8.45	8.75	6.70	4.96	5.49	5.72	6.05	
January		4.99	4.45	5.00	8.45	8.75	6.70	4.91	5.32	5.57	5.90	
February		4.97	4.45	4.98	8.45	8.75	6.70	4.91	5.33	5.60	5.98	
March		4.96	4.50	5.00	8.45	8.75	6.70	4.88	5.12	5.39	5.75	
April		4.92	4.50	4.98	8.20	8.75	6.70	4.81	5.22	5.49	5.89	
May		4.96	4.55	5.00	8.05	7.70	6.70	4.84	4.87	5.07	5.38	
June		5.32	4.60	5.07	8.05	7.70	6.70	4.98	5.25	5.38	5.58	
1998-99												
July		5.17	4.60	5.01	8.05	7.70	6.70	4.94	5.17	5.31	5.53	
August		5.19	4.60	5.00	8.05	7.70	6.70	4.96	5.73	5.81	5.91	
September		5.03	4.50	4.99	8.05	7.70	6.70	4.85	4.62	4.79	5.08	
October		4.83	4.25	4.99	8.05	7.70	6.70	4.70	4.37	4.59	4.94	
November		4.88	4.15	5.00	8.05	7.70	6.70	4.70	4.59	4.76	5.03	
December		4.80	4.00	4.80	7.90	7.55	6.50	4.57	4.64	4.77	5.01	
January		4.79	3.95	4.75	7.90	7.55	6.50	4.65	4.72	4.81	5.02	

(a) : All data are end of period unless otherwise specified. (b) : Data no longer collected by RBA. (c) : Data are an average of the assessed daily market yields for the week ended the last Wednesday of the month. (d) : The 11am call rate. Data are the average of daily figures. (e) : Indicator rates on variable rate business loans (ie. overdrafts and fully drawn loans). (f) : Standard variable rate loans of large bank housing lenders. Source: Reserve Bank of Australia Bulletin (RBA).

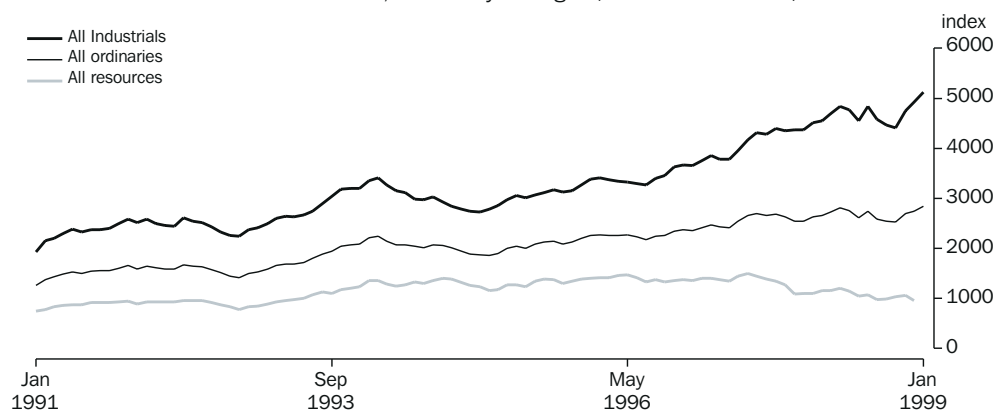
TABLE 8.6. EXCHANGE RATES (a)

Period	United States dollar	United Kingdom pound	German mark	Euro	Japanese yen	New Zealand dollar	Special Drawing Rights	Trade weighted index (b)
ORIGINAL PER (\$A)								
1989-90	0.7890	0.4536	1.3180	na	120.41	1.3439	0.59672	61.6
1990-91	0.7681	0.4711	1.3818		106.19	1.3303	0.58245	59.7
1991-92	0.7488	0.3945	1.1438		94.05	1.3752	0.52131	55.2
1992-93	0.6722	0.4453	1.1366		71.54	1.2478	0.48183	49.5
1993-94	0.7291	0.4721	1.1591		72.20	1.2258	0.50264	53.0
1994-95	0.7086	0.4452	0.9814		60.08	1.0621	0.45393	48.4
1995-96	0.7890	0.5099	1.2002		86.48	1.1552	0.54760	58.1
1996-97	0.7455	0.4482	1.2946		85.20	1.0996	0.53475	56.7
1997-98	0.6775	0.4111	1.2161		86.35	1.1518	0.50085	58.5
1997-98								
November	0.6803	0.4059	1.1965	na	86.75	1.1040	0.49880	57.0
December	0.6527	0.3937	1.1674		84.79	1.1219	0.48326	58.1
January	0.6693	0.4094	1.2276		85.30	1.1560	0.49481	61.9
February	0.6745	0.4105	1.2259		85.85	1.1619	0.50149	60.6
March	0.6634	0.3955	1.2253		87.87	1.1979	0.49503	59.6
April	0.6499	0.3889	1.1656		85.82	1.1712	0.48288	58.0
May	0.6236	0.3835	1.1097		86.44	1.1671	0.46452	57.5
June	0.6135	0.3681	1.1096		86.16	1.1931	0.46166	57.9
1998-99								
July	0.6113	0.3734	1.0885		87.89	1.1861	0.45768	57.3
August	0.5691	0.3401	1.0008		80.69	1.1453	0.42796	53.4
September	0.5945	0.3482	0.9960		80.57	1.1850	0.43208	54.5
October	0.6263	0.3728	1.0340		72.34	1.1804	0.44442	54.2
November	0.6323	0.3828	1.0814		78.20	1.1975	0.45734	55.6
December	0.6139	0.3686	1.0302		70.51	1.1634	0.43636	53.0
January	0.6286	0.3819	na	0.5506	73.04	1.1701	0.45152	54.8
PERCENTAGE CHANGE FROM PREVIOUS MONTH								
1997-98								
June	-1.6	-4.0	0.0	na	-0.3	2.2	-0.6	0.7
1998-99								
July	-0.4	1.4	-1.9		2.0	-0.6	-0.9	-1.0
August	-6.9	-8.9	-8.1		-8.2	-3.4	-6.5	-6.8
September	4.5	2.4	-0.5		-0.1	3.5	1.0	2.1
October	5.3	7.1	3.8		-10.2	-0.4	3.0	-0.6
November	1.0	2.7	4.6		8.1	1.4	2.5	2.6
December	-2.9	-3.7	-4.7		-9.8	-2.8	-4.6	-4.7
January	2.4	3.6	na		3.6	0.6	3.5	3.4
PERCENTAGE CHANGE FROM SAME MONTH OF PREVIOUS YEAR								
1997-98								
June	-17.7	-17.9	-14.3	na	1.1	8.5	-13.7	2.1
1998-99								
July	-18.0	-18.0	-20.4		0.0	3.3	-16.8	-1.7
August	-22.5	-25.1	-23.9		-7.8	0.0	-20.8	-8.3
September	-17.4	-22.1	-21.7		-7.6	5.1	-18.0	-5.5
October	-11.0	-11.7	-14.5		-14.5	4.7	-12.8	-5.1
November	-7.1	-5.7	-9.6		-9.9	8.5	-8.6	-2.5
December	-5.9	-6.4	-11.8		-16.8	3.7	-9.7	-8.8
January	-6.1	-6.7	na		-14.4	1.2	-8.7	-11.5

(a) : Rates are for the last trading day of the reference period. (b) : May 1970 = 100.0. Source: Reserve Bank of Australia Bulletin (RBA).



AUSTRALIAN STOCK MARKET INDEXES, Monthly averages (Dec 31 1979=500)



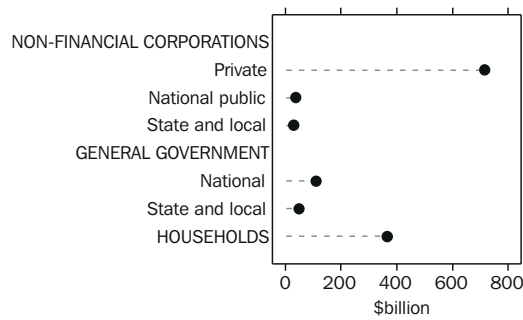
Source: Australian Stock Exchange, Monthly data

TABLE 8.7. AUSTRALIAN STOCK MARKET INDEXES

Period	All ordinaries			All industrials			All resources		
	Index (a)	High	Low	Index (a)	High	Low	Index (a)	High	Low
ANNUAL (31 DEC 1979 = 500)									
1989-90	1,508.8	1,781.8	1,434.5	2,367.9	2,823.8	2,226.0	855.3	1,001.8	793.3
1990-91	1,504.9	1,624.0	1,204.5	2,330.7	2,522.8	1,817.5	873.5	968.0	730.0
1991-92	1,652.7	1,696.3	1,502.1	2,550.0	2,650.0	2,288.7	965.7	976.4	870.6
1992-93	1,722.6	1,760.4	1,357.2	2,665.7	2,701.2	2,170.1	1,002.7	1,043.0	734.9
1993-94	2,040.2	2,340.6	1,755.3	2,984.7	3,525.9	2,692.7	1,331.1	1,442.8	1,034.1
1994-95	2,000.8	2,122.1	1,823.3	3,012.1	3,095.5	2,685.0	1,235.7	1,433.2	1,129.5
1995-96	2,231.7	2,326.0	2,003.3	3,305.8	3,465.4	3,006.8	1,423.3	1,524.7	1,244.7
1996-97	2,662.7	2,725.9	2,096.1	4,173.0	4,301.8	3,177.5	1,500.4	1,530.3	1,275.6
1997-98	2,608.2	2,881.4	2,219.2	4,548.4	4,964.5	3,401.2	1,047.5	1,245.8	994.1
ORIGINAL (31 DEC 1979 = 500)									
1997-98									
September	2,689.0	2,779.2	2,581.9	4,396.7	4,610.9	4,160.4	1,348.3	1,385.9	1,321.2
October	2,633.8	2,779.2	2,299.2	4,350.5	4,562.5	3,835.8	1,280.9	1,380.2	1,084.0
November	2,545.4	2,571.0	2,435.7	4,361.8	4,317.2	4,146.8	1,097.1	1,187.2	1,051.8
December	2,548.8	2,616.5	2,494.0	4,367.2	4,475.9	4,287.6	1,098.8	1,134.4	1,041.0
January	2,620.5	2,685.3	2,542.4	4,508.5	4,616.4	4,399.5	1,112.1	1,163.2	1,054.9
February	2,664.4	2,696.0	2,621.2	4,554.7	4,649.2	4,483.4	1,158.3	1,195.1	1,120.1
March	2,733.8	2,792.0	2,652.7	4,698.7	4,803.9	4,555.5	1,164.6	1,189.4	1,133.7
April	2,819.5	2,881.4	2,749.1	4,839.4	4,964.5	4,680.1	1,207.3	1,245.8	1,178.1
May	2,756.7	2,812.3	2,667.0	4,762.3	4,821.9	4,665.7	1,150.4	1,216.5	1,098.6
June	2,608.2	2,689.1	2,524.9	4,548.4	4,689.0	4,423.7	1,047.5	1,092.1	994.1
1998-99									
July	2,750.8	2,814.7	2,693.2	4,830.0	4,929.3	4,728.7	1,072.9	1,117.7	1,027.2
August	2,592.6	2,682.3	2,480.7	4,583.0	4,726.5	4,409.0	981.7	1,030.4	916.1
September	2,542.9	2,614.9	2,458.2	4,471.7	4,593.1	4,340.3	986.3	1,022.4	907.8
October	2,534.6	2,647.3	2,459.3	4,410.2	4,617.6	4,271.2	1,030.0	1,064.5	1,007.6
November	2,707.5	2,773.3	2,668.7	4,755.4	4,919.7	4,667.0	1,055.3	1,087.8	1,030.8
December	2,745.3	2,813.4	2,676.5	4,923.6	5,060.1	4,838.0	965.4	1,013.0	902.4
January	2,847.2	2,897.3	2,804.8	5,134.8	5,250.3	5,031.3	971.2	1,011.8	950.0

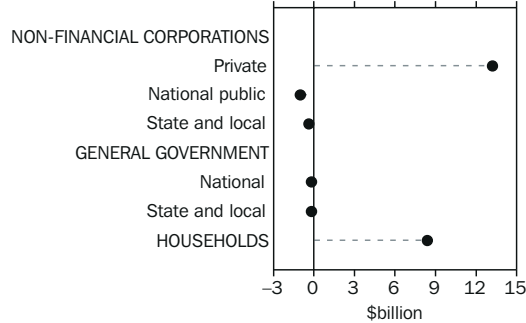
(a) : Share prices on joint trading floors. Monthly figures are average of daily figures for the month. Annual index is from the last month of the year. The annual high (low) is the highest (lowest) of the year. Source: Australian Stock Exchange.

CREDIT MARKET OUTSTANDINGS OF THE,  
Non-financial domestic sector—  
September 1998



Source:ABS 5232.0

DEMAND FOR CREDIT BY,  
Non-financial domestic sector—  
September 1998



Source:ABS 5232.0

TABLE 8.8. CREDIT MARKET SUMMARY (\$ BILLION)

	1996-97		1996-97			1997-98			1998-99	
	1996-97	1997-98	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.
Amounts outstanding at end of period										
Total debt and equity outstandings of the non-financial domestic sectors	1,195.7	1,273.3	1,141.5	1,146.2	1,195.7	1,230.1	1,257.1	1,273.3	1,294.7	1,310.6
of which:										
Private non-financial corporations	662.2	712.9	617.6	623.9	662.2	689.3	690.0	694.8	712.9	715.7
National public non-financial corporations	13.9	36.3	13.0	11.3	13.9	12.9	33.6	36.6	36.3	38.3
State and local public non-financial corporations	31.9	31.7	34.8	32.9	31.9	33.0	32.8	31.9	31.7	31.3
National general government	121.2	106.4	122.4	119.9	121.2	121.1	114.8	114.2	106.4	109.7
State and local general government	50.2	49.4	53.0	52.8	50.2	49.5	48.3	49.5	49.4	49.2
Households	316.3	358.0	300.7	305.5	316.3	324.4	337.5	346.4	358.0	366.4
Net transactions during period										
Total funds raised on conventional credit markets by non-financial domestic sectors	62.5	82.4	17.8	11.9	23.0	21.1	30.8	6.8	23.7	19.7
of which:										
Private non-financial corporation	39.3	50.2	6.1	12.3	14.8	16.9	10.6	1.5	21.2	13.2
Bills of exchange	-0.4	3.2	-0.4	0.8	1.3	0.8	-0.4	0.7	2.1	-1.4
One name paper	3.8	-0.8	-0.2	2.3	0.9	-0.3	0.4	-1.1	0.2	0.4
Bonds, etc	1.7	8.4	1.0	0.8	0.7	5.7	1.8	-0.6	1.5	4.3
Loans and placements	12.2	18.1	0.6	4.1	4.1	5.9	3.7	0.3	8.2	6.0
Shares and other equity	22.0	21.4	5.0	4.4	7.8	4.9	5.1	2.2	9.2	3.9
National public non-financial corporations	1.7	10.9	2.1	-1.3	2.2	-1.5	14.3	-0.2	-1.7	-1.0
Bills of exchange	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
One name paper	0.1	0.2	1.2	-0.6	0.0	-0.6	1.5	0.8	-1.5	-0.9
Bonds, etc	0.0	0.4	0.4	0.1	-0.5	-0.2	0.8	0.1	1.3	0.0
Loans and placements	2.7	-3.4	0.2	0.1	2.7	-0.7	-0.3	-1.1	-1.3	0.1
Shares and other equity	-0.9	13.8	0.3	-0.9	0.2	0.0	13.9	0.0	-0.1	-0.1
State and local public non-financial corporations	-2.3	-0.1	0.7	-1.9	-1.0	1.1	-0.1	-0.9	-0.2	-0.4
Bills of exchange	0.0	0.3	0.2	-0.1	-0.1	0.0	0.2	0.2	-0.1	0.0
Loans and placements	-2.3	-0.3	0.5	-1.9	-0.9	1.2	-0.3	-1.1	-0.1	-0.4
National general government	-0.3	-20.2	3.2	-1.8	-1.2	-3.6	-5.9	-3.6	-7.1	-0.2
One name paper	-2.0	-2.8	0.0	0.2	-4.4	0.8	0.8	0.4	-4.8	3.1
Bonds, etc	1.6	-17.4	3.2	-2.0	3.2	-4.4	-6.7	-4.0	-2.3	-3.2
State and local general government	-3.8	-0.2	0.2	-0.2	-2.6	0.0	-1.2	1.1	-0.1	-0.2
Households	27.7	41.5	5.4	4.7	10.8	8.1	13.0	8.9	11.5	8.4
Bills of exchange	-0.6	0.1	-0.1	-0.2	0.0	0.0	0.0	-0.2	0.3	0.0
Loans and placements	28.3	41.4	5.5	4.9	10.8	8.1	13.0	9.1	11.2	8.4

Source: Australian National Accounts: Financial Accounts (5232.0).

# 9

## STATE COMPARISONS

---

### TABLES

9.1	State summary . . . . .	104
9.2	Estimated resident population at end of period . . . . .	105
9.3	State final demand : chain volume measures . . . . .	106
9.4	Turnover of retail establishments: includes chain volume measures . . . . .	107
9.5	Total private new capital expenditure . . . . .	108
9.6	New motor vehicle registrations — total . . . . .	109
9.7	Building approvals, number and value . . . . .	110
9.8	Consumer price index: all groups . . . . .	111
9.9	Employed persons . . . . .	112
9.10	Unemployment rate; persons . . . . .	113
9.11	Average weekly total earnings of employees: all employees . . . . .	114
9.12	Total job vacancies . . . . .	115
9.13	Average weekly overtime hours per employee . . . . .	115
9.14	Secured housing finance commitments to individuals; number and value . . . . .	116
9.15	Total hourly rates of pay indexes : excluding bonuses . . . . .	117

---

### RELATED PUBLICATIONS

*Australian Demographic Statistics (3101.0)*

*Australian National Accounts: State Accounts (5220.0)*

*Australian National Accounts: State Accounts (5242.0)*

*Housing Finance for Owner Occupation, Australia (5609.0)*

*State Estimates of Private New Capital Expenditure (5646.0)*

*Labour Force, Australia, Preliminary (6202.0)*

*Average Weekly Earnings, States and Australia (6302.0)*

*Wage Cost Index, Australia (6345.0)*

*Job Vacancies and Overtime, Australia (6354.0)*

*Consumer Price Index, Australia (6401.0)*

*Retail Trade, Australia (8501.0)*

*Building Approvals, Australia (8731.0)*

*New Motor Vehicle Registrations, Australia, Preliminary (9301.0)*

TABLE 9.1 STATE SUMMARY

	Latest Observation	Freq- uency	New South Wales	Victoria	Queens- land	South Australia	Western Australia	Tasmania	Northern Territory	Aust- ralian Capital Territory	Australia
SELECTED INDICATORS											
Labour Force Participation rate (%) (trend)	Jan 99	monthly	61.6	62.7	65.1	61.0	66.3	58.2	71.9	70.8	63.1
Unemployment rate (%) (trend)	Jan 99	monthly	7.0	7.4	8.2	9.3	7.1	10.2	3.8	5.8	7.5
Average weekly total earnings (\$) (original)	Aug 98	quarterly	620.60	600.90	593.30	569.60	574.80	536.10	607.20	729.00	602.90
SELECTED INDICATORS PER HEAD OF POPULATION (a)											
Final demand (\$'000) (Chain volume measures) (seasonally adjusted)	Sep 98	quarterly	7.7	7.6	7.2	6.8	8.2	6.3	9.8	14.8	7.7
Retail Turnover (\$) (chain volume measures) (seasonally adjusted)	Dec 98	quarterly	1,862.1	1,747.9	1,837.3	1,720.4	1,880.9	1,643.6	1,956.3	2,076.5	1,818.4
Retail turnover (trend)	Dec 98	monthly	637.4	600.7	636.8	589.8	644.8	559.7	671.1	715.3	624.9
Private new capital ex- penditure (b) (seasonally adjusted)	Sep 98	quarterly	612.0	673.5	500.2	464.6	1429.0	334.8	na	na	668.2
Registrations of new motor vehicles (no. per '000 population) (trend)	Dec 98	monthly	3.566	3.625	3.716	2.762	3.420	2.515	3.674	4.005	3.511
Res. building approvals (no. per '000 population) (trend)	Dec 98	monthly	0.683	0.693	0.714	0.396	0.874	0.248	1.032	0.794	0.679
Res. building approvals (\$) (original)	Dec 98	monthly	82.5	76.2	61.9	33.6	98.3	23.3	78.9	55.1	72.8
Housing Finance commitments (\$) (original)	Dec 98	monthly	310.6	248.9	209.8	197.7	328.2	156.8	278.9	291.8	264.9
PERCENTAGE CHANGE FROM PREVIOUS PERIOD											
Final demand (chain volume measures) (seasonally adjusted)	Sep 98	quarterly	1.6	1.2	0.8	0.4	1.6	-1.0	2.5	2.2	1.4
Retail turnover (chain volume measures) (seasonally adjusted)	Dec 98	quarterly	0.7	0.6	0.0	-0.3	1.4	-0.9	1.5	-1.7	0.5
Retail turnover (trend)	Dec 98	monthly	0.2	0.2	-0.2	-0.3	0.3	-0.3	0.2	-0.3	0.1
Private new capital expenditure (b) (seasonally adjusted)	Sep 98	quarterly	5.7	9.6	-0.1	-11.3	15.5	29.5	na	na	6.6
Registrations of new motor vehicles (trend)	Dec 98	monthly	-0.6	0.1	0.1	-2.0	-1.9	-3.3	0.9	-1.6	-0.6
Res. building approvals - number (trend)	Dec 98	monthly	0.0	1.3	-0.4	-3.3	0.1	-1.7	-3.0	16.1	0.5
Res. building approvals - value (original)	Dec 98	monthly	-10.8	-3.8	-13.7	-13.8	1.1	22.2	-46.4	6.3	-8.4
Consumer Price Index (original)	Dec 98	quarterly	0.5	0.4	0.5	0.6	0.6	-0.1	0.6	0.4	0.6
Labour force participation rate (percentage points) (trend)	Jan 99	monthly	-0.1	-0.2	0.0	0.1	-0.1	-0.2	0.0	-0.1	-0.1
Unemployment rate (percentage points) (trend)	Jan 99	monthly	0.0	-0.1	-0.1	-0.1	0.0	-0.1	-0.1	-0.3	-0.1
Average weekly total earnings (original)	Aug 98	quarterly	1.2	0.8	1.2	3.0	0.5	0.5	-2.9	1.9	1.1
Housing finance commitments (original)	Dec 98	monthly	-2.7	4.6	-2.6	5.8	-1.6	4.2	23.3	4.7	0.0
Total hourly rates of pay indexes, excluding bonuses (original)	Sep 98	quarterly	1.5	1.1	1.0	1.3	0.8	1.0	0.8	1.4	1.2

(a) : The latest quarterly estimate of Australian resident population is shown in Table 9.2. This estimation has been used to calculate ratios for subsequent periods.

(b): Private new capital expenditure data are not available for the Australian Capital Territory or the Northern Territory, and are included in the Australian total.

TABLE 9.2. ESTIMATED RESIDENT POPULATION AT END OF PERIOD

Period	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory (a)	Australia (b)
ANNUAL ('000)									
1989-90	5,834.0	4,378.6	2,899.3	1,432.1	1,613.0	462.2	163.7	282.2	17,065.1
1990-91	5,898.7	4,420.4	2,961.0	1,446.3	1,636.1	466.8	165.5	289.3	17,284.0
1991-92	5,962.6	4,455.0	3,030.0	1,456.5	1,658.0	469.8	168.1	294.7	17,494.7
1992-93	6,004.9	4,472.4	3,109.8	1,460.7	1,677.7	471.7	170.7	299.3	17,667.1
1993-94	6,060.2	4,487.6	3,187.1	1,466.1	1,703.0	472.9	173.4	301.5	17,854.7
1994-95	6,127.0	4,517.4	3,265.1	1,469.4	1,733.8	473.7	177.6	304.8	18,071.8
1995-96	6,204.7	4,560.2	3,338.7	1,474.3	1,765.3	474.4	181.8	308.3	18,310.7
1996-97	6,272.8	4,605.2	3,397.1	1,479.7	1,797.9	473.5	186.9	308.0	18,534.2
1997-98	6,341.6	4,660.9	3,456.3	1,487.3	1,831.4	471.9	190.0	308.4	18,751.0
QUARTERLY ('000) — ORIGINAL									
1995-96									
June	6,204.7	4,560.2	3,338.7	1,474.3	1,765.3	474.4	181.8	308.3	18,310.7
1996-97									
September	6,224.1	4,572.3	3,355.6	1,475.2	1,774.1	474.5	183.5	308.6	18,371.1
December	6,241.9	4,583.4	3,369.2	1,476.5	1,781.9	474.2	184.6	308.7	18,423.6
March	6,261.2	4,598.6	3,383.9	1,478.7	1,792.3	474.1	185.4	308.7	18,486.0
June	6,272.8	4,605.2	3,397.1	1,479.7	1,797.9	473.5	186.9	308.0	18,524.2
1997-98									
September	6,289.2	4,618.7	3,414.0	1,481.4	1,805.7	473.1	187.8	307.5	18,580.6
December	6,302.5	4,628.9	3,425.7	1,482.4	1,812.1	472.7	188.2	307.4	18,623.0
March	6,327.4	4,650.1	3,441.8	1,485.9	1,823.8	472.4	189.0	307.9	18,701.6
June	6,341.6	4,660.9	3,456.3	1,487.3	1,831.4	471.9	190.0	308.4	18,751.0

(a) : Excludes Jervis Bay Territory from September quarter 1993. (b) : Includes Cocos (Keeling) Islands, Christmas Island and Jervis Bay Territory from September quarter 1993. Source: *Australian Demographic Statistics* (3101.0).

STATE  
COMPARISONS

**TABLE 9.3 STATE FINAL DEMAND**  
Chain volume measures, Reference year 1996–97

Period	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
ANNUAL (\$ MILLION)									
1990–91	155,549	105,805	69,606	34,082	41,634	10,526	5,096	14,160	436,451
1991–92	155,635	105,692	71,832	33,586	42,042	10,471	4,948	14,645	438,829
1992–93	157,814	109,097	75,955	33,376	45,242	10,702	5,147	14,991	452,280
1993–94	160,524	111,728	79,683	34,039	47,088	11,030	5,485	16,032	465,546
1994–95	171,478	117,854	86,247	36,273	49,596	11,380	5,841	16,298	494,946
1995–96	176,930	122,851	88,433	36,434	52,427	11,691	6,313	16,572	511,575
1996–97	182,395	129,723	92,681	37,395	53,615	11,840	6,327	16,502	530,482
1997–98	190,826	136,328	97,092	39,636	58,922	11,925	6,877	17,246	558,412
QUARTERLY — SEASONALLY ADJUSTED (\$ MILLION)									
1996–97									
September	45,083	31,188	22,581	9,252	12,970	2,957	1,597	4,099	129,903
December	45,331	32,025	22,999	9,252	13,333	2,962	1,586	4,057	131,308
March	45,684	32,729	23,234	9,288	13,504	2,965	1,576	4,134	133,486
June	46,297	33,781	23,867	9,603	13,808	2,956	1,568	4,213	135,784
1997–98									
September	46,688	33,219	23,862	9,750	14,494	3,002	1,638	4,264	136,773
December	47,762	34,032	24,439	9,923	14,389	2,931	1,679	4,276	139,503
March	48,210	34,240	23,991	9,884	15,193	3,003	1,745	4,257	140,608
June	48,166	34,839	24,798	10,078	14,846	2,989	1,814	4,457	141,528
1998–99									
September	48,922	35,261	25,003	10,117	15,086	2,960	1,859	4,555	143,580
SEASONALLY ADJUSTED — PERCENTAGE CHANGE FROM PREVIOUS QUARTER									
1997–98									
September	0.8	-1.7	0.0	1.5	5.0	1.6	4.5	1.2	0.7
December	2.3	2.4	2.4	1.8	-0.7	-2.4	2.5	0.3	2.0
March	0.9	0.6	-1.8	-0.4	5.6	2.5	3.9	-0.4	0.8
June	-0.1	1.7	3.4	2.0	-2.3	-0.5	4.0	4.7	0.7
1998–99									
September	1.6	1.2	0.8	0.4	1.6	-1.0	2.5	2.2	1.4

Source: Australian National Accounts: State Accounts (5242.0).

TABLE 9.4. TURNOVER OF RETAIL ESTABLISHMENTS

Period	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory (a)	Australian Capital Territory	Australia
ANNUAL — CHAIN VOLUME MEASURES (REFERENCE YEAR 1996-97)(\$ MILLION)									
1989-90	41,062.0	27,348.8	18,228.4	8,345.9	9,930.3	2,700.4	1,028.1	1,857.6	110,579.6
1990-91	41,180.1	25,981.5	18,454.6	8,548.4	9,904.3	2,808.2	1,080.6	1,956.5	109,968.9
1991-92	42,209.2	26,253.4	19,237.7	8,534.1	10,536.9	2,877.4	1,137.7	2,126.5	112,961.0
1992-93	41,040.1	26,501.6	20,045.5	8,239.9	11,340.7	2,960.3	1,229.7	2,215.1	113,625.4
1993-94	41,892.0	26,878.7	21,146.1	8,643.0	12,292.5	3,075.1	1,235.4	2,327.5	117,541.1
1994-95	44,027.2	28,473.5	22,822.5	9,277.8	12,740.9	3,060.4	1,379.0	2,359.0	124,193.0
1995-96	46,424.1	29,063.9	23,318.8	9,732.7	13,379.6	3,108.7	1,495.9	2,391.6	128,965.5
1996-97	46,295.1	29,753.9	23,271.3	9,455.8	13,097.4	3,083.6	1,387.8	2,438.3	128,827.5
1997-98	47,094.9	30,936.5	24,465.8	9,958.9	13,470.4	3,193.3	1,418.5	2,547.8	133,085.9
QUARTERLY — SEASONALLY ADJUSTED — CHAIN VOLUME MEASURES (\$ MILLION)									
1996-97									
December	11,534.0	7,388.3	5,710.5	2,336.6	3,223.6	770.3	347.1	610.9	31,929.4
March	11,536.2	7,589.3	5,834.5	2,362.6	3,344.8	773.7	341.9	605.9	32,398.8
June	11,544.3	7,578.5	5,875.0	2,365.3	3,310.6	782.6	341.4	611.5	32,418.2
1997-98									
September	11,747.5	7,733.0	6,004.8	2,430.1	3,362.8	809.4	351.1	638.1	33,076.7
December	11,789.8	7,752.8	6,040.8	2,437.2	3,363.1	814.5	350.9	637.3	33,186.4
March	11,822.6	7,700.4	6,144.8	2,532.2	3,373.7	791.2	353.9	637.8	33,356.7
June	11,735.0	7,750.3	6,275.3	2,559.4	3,370.8	778.2	362.7	634.5	33,466.2
1998-99									
September	11,725.1	8,099.7	6,348.8	2,565.4	3,398.1	782.4	366.1	651.2	33,936.8
December	11,808.7	8,146.9	6,350.1	2,558.7	3,444.6	775.6	371.7	640.4	34,096.7
MONTHLY — TREND (\$ MILLION)									
1997-98									
October	3,956.7	2,604.2	2,042.8	820.1	1,127.1	272.5	118.5	213.7	11,155.7
November	3,969.2	2,605.1	2,053.9	825.6	1,128.0	271.8	118.7	214.3	11,186.6
December	3,980.7	2,603.3	2,066.9	832.7	1,128.6	270.0	119.0	215.0	11,216.2
January	3,986.0	2,600.1	2,082.4	840.7	1,129.3	267.7	119.6	215.5	11,241.3
February	3,987.0	2,599.3	2,099.3	849.2	1,130.9	265.5	120.3	216.0	11,267.4
March	3,984.3	2,605.4	2,116.2	856.7	1,134.3	263.9	121.2	216.3	11,298.3
April	3,979.9	2,622.0	2,132.6	862.6	1,138.6	263.0	122.1	217.1	11,337.9
May	3,976.3	2,647.5	2,149.2	867.2	1,143.0	262.7	123.0	218.3	11,387.3
June	3,978.8	2,680.3	2,166.8	871.7	1,148.2	263.1	123.8	219.8	11,452.6
1998-99									
July	3,988.2	2,714.5	2,182.7	875.9	1,154.1	263.8	124.8	221.2	11,525.1
August	4,000.4	2,745.2	2,195.1	879.2	1,160.4	264.6	125.7	221.9	11,592.2
September	4,012.5	2,769.2	2,202.7	880.5	1,166.6	265.2	126.4	222.0	11,644.6
October	4,023.7	2,785.1	2,205.7	880.6	1,172.1	265.2	127.0	221.7	11,681.1
November	4,033.1	2,795.0	2,204.8	879.5	1,177.0	264.8	127.3	221.3	11,704.4
December	4,042.1	2,799.7	2,201.0	877.2	1,180.8	264.1	127.5	220.6	11,717.6
PERCENTAGE CHANGE FROM PREVIOUS MONTH									
1997-98									
June	0.1	1.2	0.8	0.5	0.5	0.1	0.7	0.7	0.6
1998-99									
July	0.2	1.3	0.7	0.5	0.5	0.3	0.8	0.6	0.6
August	0.3	1.1	0.6	0.4	0.5	0.3	0.7	0.4	0.6
September	0.3	0.9	0.3	0.1	0.5	0.2	0.6	0.0	0.5
October	0.3	0.6	0.1	0.0	0.5	0.0	0.4	-0.1	0.3
November	0.2	0.4	0.0	-0.1	0.4	-0.1	0.2	-0.2	0.2
December	0.2	0.2	-0.2	-0.3	0.3	-0.2	0.2	-0.3	0.1

(a) Extreme care should be exercised in using the seasonally adjusted and trend series for turnover of retail establishments for the Northern Territory. The highly erratic nature of these data makes reliable estimation of the seasonal pattern and of the trend very difficult. *Source: Retail Trade, Australia* (8501.0).

STATE  
COMPARISONS

TABLE 9.5. TOTAL PRIVATE NEW CAPITAL EXPENDITURE

Period	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Australia (a)
ANNUAL (\$ MILLION)							
1989-90	11,451	8,127	4,219	1,848	4,492	598	31,250
1990-91	11,274	6,633	4,218	1,906	4,214	621	29,588
1991-92	8,935	5,448	3,805	1,625	4,216	449	25,134
1992-93	8,947	5,871	4,170	1,595	5,596	467	27,237
1993-94	9,641	7,374	4,414	1,562	5,829	468	29,989
1994-95	12,129	7,920	5,521	2,263	6,622	690	35,561
1995-96	12,607	10,294	5,854	1,873	7,906	614	40,471
1996-97	13,663	11,496	7,602	2,579	6,618	687	43,837
1997-98	14,610	11,045	7,398	3,194	8,760	643	46,221
QUARTERLY — SEASONALLY ADJUSTED (\$ MILLION)							
1996-97							
September	3,440	2,591	1,762	718	1,688	168	10,737
December	3,373	2,942	1,892	584	1,627	189	10,725
March	3,486	2,854	2,194	599	1,645	184	11,195
June	3,371	3,082	1,819	697	1,666	150	11,185
1997-98							
September	3,399	2,516	1,990	797	1,966	193	11,022
December	3,785	2,927	2,027	798	2,161	186	11,794
March	3,745	2,720	1,638	840	2,353	153	11,685
June	3,673	2,864	1,731	779	2,265	122	11,759
1998-99							
September	3,881	3,139	1,729	691	2,617	158	12,530
PERCENTAGE CHANGE FROM PREVIOUS QUARTER							
1997-98							
September	0.8	-18.4	9.4	14.3	17.9	29.1	-1.5
December	11.3	16.3	1.9	0.1	10.0	-3.5	7.0
March	-1.0	-7.1	-19.2	5.3	8.9	-18.1	-0.9
June	-1.9	5.3	5.6	-7.2	-3.7	-20.1	0.6
1997-98							
September	5.7	9.6	-0.1	-11.3	15.5	29.5	6.5

(a) : Estimates for Australian Capital Territory and Northern Territory are not available separately, but are included in the Australian total.  
Source: State Estimates of Private New Capital Expenditure (5646.0).



TABLE 9.6. NEW MOTOR VEHICLE REGISTRATIONS — TOTAL

Period	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania (a)	Northern Territory (a)	Australian Capital Territory (a)	Australia
	ANNUAL								
1989-90	224,169	169,424	103,331	43,019	56,463	13,943	5,472	12,003	627,824
1990-91	198,897	126,020	99,293	41,354	47,971	12,711	4,968	10,982	542,196
1991-92	194,000	112,915	96,485	37,683	51,552	12,251	4,882	11,417	521,185
1992-93	188,645	123,890	104,402	38,471	57,119	12,608	5,811	10,559	541,505
1993-94	200,513	132,454	110,679	38,586	61,075	12,640	6,159	12,155	574,261
1994-95	228,493	150,111	119,185	42,566	64,955	14,015	7,578	12,004	638,907
1995-96	221,294	150,995	123,810	42,895	64,481	13,261	7,660	12,133	636,529
1996-97	228,711	162,260	125,964	43,116	70,019	14,513	7,715	11,554	663,852
1997-98	259,107	192,383	146,728	50,860	81,456	15,972	8,694	16,645	771,845
MONTHLY — SEASONALLY ADJUSTED									
1997-98									
October	21,632	16,264	11,025	4,178	7,243	1,265	682	1,401	63,691
November	21,099	15,802	12,566	4,270	6,516	1,177	653	1,474	63,558
December	22,044	16,281	11,951	4,264	6,683	1,330	734	1,535	64,822
January	21,065	15,872	12,235	4,293	6,559	1,284	779	1,376	63,462
February	21,898	15,721	12,212	4,100	6,536	1,240	752	1,390	63,849
March	21,609	15,757	12,526	4,067	6,708	1,381	777	1,512	64,338
April	22,275	16,366	12,117	4,526	6,871	1,376	733	1,483	65,747
May	21,952	16,506	11,832	4,653	7,220	1,296	707	1,300	65,467
June	24,258	18,201	15,194	4,804	7,902	1,623	881	1,513	74,375
1998-99									
July	24,796	17,351	12,371	4,911	7,147	1,368	630	1,504	70,080
August	22,355	16,584	12,695	4,588	6,872	1,313	700	1,348	66,455
September	23,217	16,610	12,139	4,102	6,459	1,273	614	1,225	65,639
October	21,731	16,347	11,940	4,232	6,478	1,198	726	1,233	63,885
November	23,212	17,208	14,123	4,340	6,397	1,371	672	1,214	68,536
December	23,117	17,385	12,946	4,092	6,436	1,118	759	1,352	67,203
MONTHLY — TREND									
1997-98									
October	21,194	15,908	11,858	4,140	6,657	1,263	675	1,381	63,076
November	21,428	16,056	11,994	4,194	6,690	1,261	702	1,426	63,751
December	21,538	16,008	12,072	4,208	6,656	1,263	724	1,454	63,921
January	21,561	15,905	12,135	4,211	6,630	1,276	743	1,460	63,921
February	21,647	15,935	12,231	4,241	6,677	1,306	756	1,452	64,245
March	21,936	16,148	12,413	4,336	6,825	1,344	766	1,447	65,214
April	22,415	16,484	12,647	4,474	7,033	1,384	764	1,449	66,650
May	22,903	16,818	12,812	4,605	7,203	1,407	752	1,449	67,948
June	23,248	17,028	12,890	4,679	7,249	1,410	731	1,433	68,667
1998-99									
July	23,365	17,077	12,863	4,660	7,156	1,390	710	1,397	68,617
August	23,262	16,994	12,793	4,556	6,955	1,351	693	1,350	67,955
September	23,058	16,888	12,741	4,417	6,727	1,306	685	1,308	67,130
October	22,870	16,847	12,753	4,292	6,533	1,264	685	1,275	66,520
November	22,758	16,876	12,833	4,191	6,385	1,228	692	1,255	66,220
December	22,613	16,894	12,843	4,108	6,264	1,187	698	1,235	65,842
PERCENTAGE CHANGE FROM PREVIOUS MONTH — TREND									
1997-98									
June	1.5	1.3	0.6	1.6	0.6	0.2	-2.8	-1.1	1.1
1998-99									
July	0.5	0.3	-0.2	-0.4	-1.3	-1.4	-2.9	-2.5	-0.1
August	-0.4	-0.5	-0.5	-2.2	-2.8	-2.8	-2.3	-3.3	-1.0
September	-0.9	-0.6	-0.4	-3.1	-3.3	-3.3	-1.2	-3.1	-1.2
October	-0.8	-0.2	0.1	-2.8	-2.9	-3.2	0.1	-2.5	-0.9
November	-0.5	0.2	0.6	-2.3	-2.3	-2.8	1.0	-1.6	-0.5
December	-0.6	0.1	0.1	-2.0	-1.9	-3.4	0.9	-1.6	-0.6

(a) : Extreme care should be exercised in using the seasonally adjusted series for the number of new motor vehicle registrations in Tasmania, the Northern Territory and the Australian Capital Territory. The highly erratic nature of these data makes reliable estimation of the seasonal pattern very difficult. Source: *New Motor Vehicle Registrations, Australia, Preliminary* (9301.0).

TABLE 9.7. BUILDING APPROVALS, NUMBER AND VALUE

Period	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory (a)	Australian Capital Territory (a)	Australia
NUMBER OF DWELLING UNIT APPROVALS									
ANNUAL									
1992-93	49,862	29,583	47,932	12,340	22,568	4,105	1,487	4,393	172,270
1993-94	52,363	32,917	55,192	11,776	26,776	4,158	1,578	4,084	188,844
1994-95	54,864	31,263	45,198	9,762	22,428	3,186	1,661	2,721	171,083
1995-96	42,584	23,707	30,451	5,968	15,854	2,546	1,452	2,150	124,712
1996-97	47,878	27,850	33,086	6,264	15,742	1,861	1,987	1,957	136,625
1997-98	52,426	36,438	36,479	7,215	18,460	1,643	2,218	1,396	156,275
MONTHLY — TREND									
1997-98									
October	4,293	2,912	3,019	551	1,427	141	168	124	12,708
November	4,334	2,940	3,094	575	1,454	139	184	130	12,924
December	4,361	2,987	3,177	599	1,478	137	199	125	13,096
January	4,394	3,065	3,251	615	1,510	136	209	113	13,267
February	4,430	3,159	3,278	629	1,553	133	211	106	13,436
March	4,475	3,243	3,219	641	1,607	130	209	113	13,554
April	4,507	3,287	3,075	656	1,662	127	205	134	13,564
May	4,528	3,279	2,882	670	1,701	126	202	160	13,470
June	4,510	3,238	2,706	678	1,705	125	205	173	13,261
1998-99									
July	4,446	3,174	2,596	679	1,677	126	211	171	12,986
August	4,364	3,127	2,533	671	1,639	125	216	163	12,740
September	4,318	3,122	2,501	652	1,611	124	215	163	12,616
October	4,310	3,149	2,488	628	1,598	122	210	179	12,607
November	4,331	3,189	2,479	609	1,598	119	202	211	12,669
December	4,331	3,229	2,469	589	1,600	117	196	245	12,738
PERCENTAGE CHANGE FROM PREVIOUS MONTH — TREND									
1997-98									
June	-1.3	-6.1	1.3	0.3	-0.2	1.2	8.0	4.9	-1.5
1998-99									
July	-2.0	-4.1	0.1	-1.7	0.1	3.1	-1.0	-1.2	-2.1
August	-1.5	-2.4	-1.3	-2.2	-0.4	2.2	-4.9	-13.5	-1.9
September	-0.2	-1.3	-2.9	-1.7	-1.0	-0.4	-0.3	4.7	-1.0
October	0.9	-0.5	-3.6	-0.8	-1.6	-2.1	9.8	-5.3	-0.1
November	1.3	-0.4	-3.1	0.0	-2.2	-4.1	18.1	6.4	0.5
December	1.3	-0.4	-3.3	0.1	-2.0	-3.0	16.0	-5.0	0.5
VALUE OF NEW DWELLING UNIT APPROVALS									
ANNUAL (\$ MILLION)									
1992-93	4,632.0	2,494.0	3,830.0	841.0	1,519.0	275.0	127.0	403.0	14,121.0
1993-94	4,643.0	2,818.0	4,591.0	839.0	1,965.0	302.0	156.0	372.0	15,685.0
1994-95	5,377.0	2,874.0	4,001.0	740.0	1,775.0	245.0	188.0	273.0	15,470.0
1995-96	4,477.0	2,280.0	2,892.0	469.0	1,421.0	217.0	145.0	218.0	12,119.0
1996-97	5,029.0	2,840.0	3,192.0	516.0	1,525.0	157.0	210.0	209.0	13,678.0
1997-98	5,955.0	3,900.0	3,608.0	630.0	1,856.0	142.0	273.0	163.0	16,529.0
MONTHLY — ORIGINAL (\$ MILLION)									
1997-98									
October	493.0	283.0	303.0	51.0	151.0	14.0	26.0	18.0	1,339.0
November	539.0	362.0	246.0	51.0	155.0	11.0	13.0	13.0	1,390.0
December	497.0	301.0	255.0	48.0	135.0	14.0	29.0	11.0	1,289.0
January	375.0	282.0	310.0	37.0	122.0	12.0	34.0	10.0	1,182.0
February	376.0	285.0	281.0	57.0	139.0	10.0	20.0	11.0	1,178.0
March	490.0	373.0	306.0	64.0	173.0	12.0	22.0	13.0	1,452.0
April	592.0	371.0	341.0	44.0	163.0	11.0	18.0	12.0	1,553.0
May	550.0	354.0	303.0	55.0	196.0	11.0	33.0	14.0	1,514.0
June	533.0	373.0	270.0	70.0	202.0	9.0	33.0	24.0	1,513.0
1998-99									
July	629.0	326.0	262.0	79.0	179.0	11.0	29.0	28.0	1,543.0
August	451.0	361.0	253.0	59.0	188.0	11.0	20.0	22.0	1,364.0
September	432.0	376.0	294.0	103.0	150.0	13.0	32.0	12.0	1,412.0
October	464.0	375.0	266.0	56.0	176.0	12.0	31.0	12.0	1,391.0
November	586.0	369.0	248.0	58.0	178.0	9.0	28.0	16.0	1,492.0
December	523.0	355.0	214.0	50.0	180.0	11.0	15.0	17.0	1,366.0
PERCENTAGE CHANGE FROM PREVIOUS MONTH — ORIGINAL									
1997-98									
June	-3.1	5.5	-11.0	26.7	3.2	-13.9	-0.2	74.0	-0.1
1998-99									
July	18.0	-12.5	-2.7	12.3	-11.0	15.0	-12.0	18.2	2.0
August	-28.3	10.6	-3.6	-25.6	5.0	3.1	-30.5	-22.3	-11.6
September	-4.3	4.2	16.2	76.6	-20.7	15.5	60.1	-42.3	3.5
October	7.4	-0.2	-9.5	-46.3	17.6	-0.4	-4.4	-4.6	-1.4
November	26.3	-1.7	-6.7	4.5	1.3	-24.1	-8.5	33.6	7.2
December	-10.7	-3.8	-13.5	-13.4	1.2	19.8	-47.4	8.2	-8.4

(a) : Extreme care should be exercised in using the trend series for number of building approvals in the Northern Territory and the Australian Capital Territory. The highly erratic nature of these data makes reliable estimation of the trend very difficult. Source: *Building Approvals, Australia* (8731.0).

TABLE 9.8. CONSUMER PRICE INDEX : ALL GROUPS

STATE  
COMPARISONS

Period	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	Weighted
									Average of Eight Capital Cities
ANNUAL (1989-90 = 100.0)									
1989-90	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1990-91	104.9	105.8	104.9	106.2	105.1	104.9	105.7	105.1	105.3
1991-92	106.7	108.1	107.0	108.9	105.9	107.1	108.0	107.8	107.3
1992-93	107.7	108.9	108.5	111.2	106.2	108.5	109.5	109.5	108.4
1993-94	109.2	111.1	110.6	113.4	108.5	111.7	111.5	111.4	110.4
1994-95	113.0	114.1	114.7	116.9	112.3	115.2	114.7	115.1	113.9
1995-96	118.7	118.4	119.1	121.2	116.7	119.6	119.5	120.3	118.7
1996-97	120.4	119.9	121.0	122.3	118.3	121.4	121.6	121.2	120.3
1997-98	120.5	119.8	121.6	121.6	118.0	121.3	121.3	120.4	120.3
QUARTERLY (1989-90 = 100.0)									
1996-97									
December	120.4	119.9	120.8	122.6	118.4	121.3	121.7	121.4	120.3
March	120.6	120.1	121.5	122.6	118.2	121.9	121.6	121.4	120.5
June	120.2	119.9	121.1	121.9	118.1	121.3	121.5	120.4	120.2
1997-98									
September	119.8	119.5	120.7	121.2	117.5	120.6	121.0	119.8	119.7
December	120.1	119.8	121.4	121.2	117.6	121.2	120.8	119.8	120.0
March	120.7	119.6	121.9	121.7	118.0	121.5	121.5	120.6	120.3
June	121.4	120.3	122.3	122.4	118.9	122.0	121.8	121.2	121.0
1998-99									
September	121.9	120.4	122.5	123.0	119.6	122.8	122.1	121.3	121.3
December	122.4	120.8	123.0	123.6	120.2	122.7	122.7	121.7	121.9
PERCENTAGE CHANGE FROM PREVIOUS QUARTER									
1997-98									
December	0.3	0.3	0.6	0.0	0.1	0.5	-0.2	0.0	0.3
March	0.5	-0.2	0.4	0.4	0.3	0.2	0.6	0.7	0.3
June	0.6	0.6	0.3	0.6	0.8	0.4	0.2	0.5	0.6
1998-99									
September	0.4	0.1	0.2	0.5	0.6	0.7	0.2	0.1	0.2
December	0.4	0.3	0.4	0.5	0.5	-0.1	0.5	0.3	0.5
PERCENTAGE CHANGE FROM SAME QUARTER OF PREVIOUS YEAR									
1997-98									
December	-0.2	-0.1	0.5	-1.1	-0.7	-0.1	-0.7	-1.3	-0.2
March	0.1	-0.4	0.3	-0.7	-0.2	-0.3	-0.1	-0.7	-0.2
June	1.0	0.3	1.0	0.4	0.7	0.6	0.2	0.7	0.7
1998-99									
September	1.8	0.8	1.5	1.5	1.8	1.8	0.9	1.3	1.3
December	1.9	0.8	1.3	2.0	2.2	1.2	1.6	1.6	1.6

Source: Consumer Price Index, Australia (6401.0).

TABLE 9.9. EMPLOYED PERSONS

Period	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
ANNUAL AVERAGE ('000)									
1989-90	2,625.8	2,082.3	1,305.8	652.5	745.5	199.9	77.6	142.5	7,832.0
1990-91	2,633.1	2,029.7	1,305.4	653.5	740.1	199.1	76.3	145.2	7,782.4
1991-92	2,590.8	1,954.3	1,316.0	628.2	732.1	193.3	78.7	143.2	7,636.7
1992-93	2,555.3	1,931.1	1,352.8	631.5	746.2	191.8	76.3	148.9	7,633.9
1993-94	2,603.7	1,946.3	1,396.1	635.4	777.9	193.7	74.9	152.6	7,780.5
1994-95	2,703.8	2,015.9	1,476.6	648.5	815.7	197.0	81.2	154.4	8,093.1
1995-96	2,786.3	2,068.3	1,517.6	657.4	830.0	201.1	81.4	157.7	8,299.7
1996-97	2,806.1	2,093.0	1,544.6	660.6	848.8	197.1	83.7	155.1	8,389.1
1997-98	2,823.5	2,121.1	1,594.5	653.6	870.5	194.7	86.6	156.9	8,501.4
MONTHLY — SEASONALLY ADJUSTED ('000)									
1997-98									
November	2,831.9	2,115.4	1,585.6	661.6	867.4	194.4	na	na	8,507.2
December	2,836.6	2,125.5	1,587.8	657.3	867.2	192.3			8,514.0
January	2,843.3	2,116.8	1,601.3	654.0	870.5	194.5			8,514.6
February	2,805.4	2,129.2	1,611.1	650.7	872.3	196.9			8,529.4
March	2,830.3	2,134.6	1,606.9	644.4	870.8	196.0			8,513.9
April	2,850.4	2,150.1	1,612.5	648.7	875.9	198.8			8,572.1
May	2,835.4	2,149.2	1,616.1	638.2	883.7	198.2			8,567.4
June	2,864.6	2,148.0	1,615.0	638.1	886.7	195.7			8,587.5
1998-99									
July	2,886.7	2,143.4	1,607.9	638.2	885.5	193.8			8,598.0
August	2,839.2	2,165.9	1,616.2	645.8	884.8	195.3			8,611.2
September	2,892.6	2,169.0	1,613.2	653.9	892.7	194.7			8,652.5
October	2,899.7	2,150.0	1,635.0	657.3	893.1	195.5			8,687.7
November	2,851.5	2,150.3	1,643.5	655.6	888.6	194.6			8,637.9
December	2,893.8	2,153.8	1,638.3	663.9	891.9	192.1			8,691.5
January	2,889.6	2,165.8	1,651.2	658.4	889.9	192.0			8,691.1
MONTHLY — TREND ('000)									
1997-98									
November	2,818.3	2,112.6	1,588.0	660.4	868.1	193.3	87.0	155.3	8,487.0
December	2,824.7	2,119.2	1,594.1	657.7	868.8	194.0	87.5	155.3	8,504.8
January	2,828.2	2,125.7	1,600.2	654.4	869.7	195.0	87.6	155.7	8,518.5
February	2,831.2	2,131.3	1,605.5	650.5	871.5	196.1	87.4	156.4	8,529.5
March	2,834.6	2,136.3	1,609.5	646.5	874.2	196.9	87.0	157.4	8,539.9
April	2,839.9	2,141.8	1,611.9	642.9	877.4	197.2	86.9	158.2	8,552.0
May	2,847.9	2,147.2	1,612.5	640.8	880.8	197.0	87.2	158.8	8,567.7
June	2,857.8	2,151.8	1,612.5	640.5	883.9	196.4	88.0	158.9	8,586.1
1998-99									
July	2,866.4	2,154.9	1,613.6	642.3	886.7	195.8	88.9	158.5	8,605.4
August	2,872.3	2,156.2	1,617.0	645.9	888.6	195.2	90.0	157.9	8,624.0
September	2,876.1	2,156.8	1,622.5	650.4	889.7	194.8	90.9	157.4	8,641.2
October	2,879.3	2,157.1	1,629.3	654.6	890.4	194.3	91.8	157.1	8,657.0
November	2,882.0	2,157.2	1,636.4	657.9	890.9	193.9	92.4	157.1	8,670.7
December	2,884.2	2,157.5	1,642.8	660.4	891.2	193.3	92.9	157.3	8,681.9
January	2,886.2	2,158.0	1,648.4	662.1	891.4	192.8	93.1	157.6	8,690.6
PERCENTAGE CHANGE FROM PREVIOUS MONTH — TREND									
1998-99									
July	0.3	0.1	0.1	0.3	0.3	-0.3	1.1	-0.2	0.2
August	0.2	0.1	0.2	0.6	0.2	-0.3	1.2	-0.3	0.2
September	0.1	0.0	0.3	0.7	0.1	-0.2	1.1	-0.3	0.2
October	0.1	0.0	0.4	0.6	0.1	-0.2	0.9	-0.2	0.2
November	0.1	0.0	0.4	0.5	0.1	-0.3	0.7	0.0	0.2
December	0.1	0.0	0.4	0.4	0.0	-0.3	0.5	0.1	0.1
January	0.1	0.0	0.3	0.3	0.0	-0.3	0.2	0.2	0.1

Source: Labour Force, Australia, Preliminary (6202.0).

TABLE 9.10. UNEMPLOYMENT RATE — PERSONS

Period	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
ANNUAL AVERAGE (PER CENT)									
1989-90	6.1	4.8	7.1	7.0	6.7	8.6	6.7	5.4	6.2
1990-91	7.5	8.3	9.3	8.8	9.3	9.7	8.2	5.9	8.4
1991-92	9.7	11.0	10.1	11.2	10.9	11.2	8.7	7.1	10.4
1992-93	10.9	11.7	10.6	11.5	10.2	12.1	8.3	7.6	11.0
1993-94	10.3	11.8	10.1	10.8	8.9	12.0	7.3	7.3	10.5
1994-95	8.6	9.6	8.9	10.2	7.6	10.7	7.4	7.2	8.9
1995-96	7.8	8.8	9.3	9.4	7.6	10.0	7.0	7.5	8.5
1996-97	8.0	9.1	9.5	9.5	7.5	10.7	5.6	7.9	8.7
1997-98	7.7	8.5	9.0	9.8	7.0	11.0	4.9	7.5	8.3
MONTHLY — SEASONALLY ADJUSTED (PER CENT)									
1997-98									
November	7.8	8.4	9.3	9.8	7.0	11.2	na	na	8.4
December	7.4	8.2	9.1	9.7	7.2	11.7			8.2
January	7.4	8.6	8.8	10.0	7.1	10.8			8.1
February	7.7	8.0	8.9	9.9	7.0	10.3			8.1
March	7.5	8.7	8.3	10.1	7.0	11.1			8.2
April	7.2	8.4	8.5	9.4	6.9	10.5			7.9
May	7.6	8.2	8.4	10.4	6.9	10.4			8.1
June	7.6	8.4	8.9	10.0	7.3	10.7			8.2
1998-99									
July	7.5	8.5	9.1	10.3	7.4	10.8			8.3
August	7.6	8.2	8.6	10.4	7.0	11.6			8.1
September	7.3	8.1	9.2	9.9	7.2	10.3			8.1
October	6.7	7.8	8.8	9.2	7.0	10.6			7.7
November	7.8	7.8	8.2	9.8	7.1	9.8			8.0
December	6.7	7.4	8.4	9.2	7.3	10.3			7.5
January	7.0	7.3	8.1	9.5	7.0	10.6			7.5
MONTHLY — TREND (PER CENT)									
1997-98									
November	7.7	8.4	9.2	9.8	7.0	11.3	4.2	8.1	8.3
December	7.6	8.3	9.1	9.8	7.0	11.2	4.4	7.9	8.2
January	7.5	8.3	8.9	9.8	7.0	11.0	4.8	7.6	8.2
February	7.5	8.3	8.7	9.9	7.0	10.8	5.1	7.3	8.1
March	7.5	8.4	8.6	9.9	7.0	10.6	5.4	7.1	8.1
April	7.5	8.4	8.6	10.0	7.0	10.6	5.4	6.9	8.1
May	7.5	8.4	8.6	10.1	7.1	10.7	5.1	6.9	8.1
June	7.5	8.4	8.7	10.1	7.1	10.8	4.8	6.9	8.2
1998-99									
July	7.5	8.3	8.9	10.1	7.2	10.8	4.5	6.9	8.2
August	7.4	8.2	8.9	10.0	7.2	10.8	4.3	6.8	8.1
September	7.4	8.1	8.8	9.9	7.1	10.6	4.1	6.7	8.0
October	7.2	7.9	8.7	9.7	7.1	10.5	4.0	6.5	7.9
November	7.1	7.7	8.5	9.5	7.1	10.4	3.9	6.3	7.8
December	7.0	7.5	8.3	9.4	7.1	10.3	3.9	6.1	7.6
January	7.0	7.4	8.2	9.3	7.1	10.2	3.8	5.8	7.5
PERCENTAGE CHANGE FROM PREVIOUS MONTH — TREND (a)									
1998-99									
July	0.0	-0.1	0.1	0.0	0.0	0.0	-0.3	0.0	0.0
August	0.0	-0.1	0.0	-0.1	0.0	-0.1	-0.2	-0.1	0.0
September	-0.1	-0.1	-0.1	-0.2	0.0	-0.1	-0.1	-0.1	-0.1
October	-0.1	-0.2	-0.1	-0.2	0.0	-0.1	-0.1	-0.2	-0.1
November	-0.1	-0.2	-0.2	-0.2	0.0	-0.1	-0.1	-0.2	-0.1
December	-0.1	-0.2	-0.2	-0.1	0.0	-0.1	-0.1	-0.2	-0.1
January	-0.1	-0.1	-0.2	-0.1	0.0	-0.1	-0.1	-0.2	-0.1

(a) : Change is shown in terms of percentage points. Source: Labour Force, Australia, Preliminary (6202.0).

STATE  
COMPARISONS

TABLE 9.11. AVERAGE WEEKLY TOTAL EARNINGS OF EMPLOYEES : ALL EMPLOYEES

Period	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
PERSONS — ORIGINAL (\$ PER WEEK)									
1996-97									
August	612.10	557.80	520.80	523.60	549.90	506.50	579.00	647.70	566.70
November	598.80	577.50	530.40	522.20	549.50	517.70	581.90	663.90	570.00
February	601.90	590.00	553.20	530.80	568.00	533.10	584.60	679.30	581.60
May	599.60	572.70	561.90	542.50	563.00	524.20	588.10	664.30	577.80
1997-98									
August	602.10	587.20	562.80	542.50	557.20	519.40	592.30	677.60	582.20
November	611.10	600.60	580.90	533.90	566.60	528.00	603.50	692.10	592.70
February	609.60	610.40	580.50	553.60	570.30	534.10	631.40	719.00	597.40
May	613.00	596.30	586.30	552.80	572.00	533.60	625.20	715.60	596.20
1998-99									
August	620.60	600.90	593.30	569.60	574.80	536.10	607.20	729.00	602.90
PERCENTAGE CHANGE FROM PREVIOUS REFERENCE DATE									
1997-98									
August	0.4	2.5	0.2	0.0	0.7	-0.9	0.7	2.0	0.8
November	1.5	2.3	3.2	-1.6	2.4	1.7	1.9	2.1	1.8
February	-0.2	1.6	-0.1	3.7	1.2	1.2	4.6	3.9	0.8
May	0.6	-2.3	1.0	-0.1	1.0	-0.1	-1.0	-0.5	-0.2
1998-99									
August	1.2	0.8	1.2	3.0	0.5	0.5	-2.9	1.9	1.1
MALES — ORIGINAL (\$ PER WEEK)									
1996-97									
August	715.70	662.30	617.50	628.50	691.10	624.30	672.50	762.00	673.80
November	706.60	686.50	631.90	626.80	686.40	643.00	672.10	769.90	679.80
February	712.10	687.70	653.80	639.80	699.90	658.80	672.50	777.30	688.70
May	708.50	676.20	662.40	652.30	702.90	652.70	678.40	763.20	687.10
1997-98									
August	715.40	695.20	660.00	651.00	707.60	636.40	671.30	779.60	693.80
November	728.90	714.90	685.00	631.70	724.80	661.60	673.30	789.10	709.30
February	727.90	722.00	689.10	656.10	733.70	669.20	711.90	822.80	715.60
May	734.30	701.50	703.10	646.30	741.30	667.20	704.40	825.70	714.50
1998-99									
August	744.00	704.30	711.30	670.40	746.40	652.20	681.10	839.60	721.80
FEMALES — ORIGINAL (\$ PER WEEK)									
1996-97									
August	489.30	432.30	415.00	403.60	411.30	387.70	475.90	545.60	445.10
November	481.30	443.80	418.20	402.30	409.70	393.70	482.90	561.60	447.10
February	480.60	462.40	437.00	409.50	426.30	407.80	487.40	576.50	457.80
May	481.80	453.90	447.80	419.50	416.60	396.80	487.30	563.80	457.40
1997-98									
August	482.50	460.40	447.80	420.00	419.20	400.70	506.70	576.90	460.20
November	487.20	463.60	464.20	433.90	414.80	399.10	527.10	589.80	466.10
February	484.90	477.70	463.10	447.70	415.10	400.10	543.30	611.10	470.10
May	488.00	470.40	458.50	452.40	406.10	400.40	538.50	598.70	468.30
1998-99									
August	492.70	475.60	461.50	462.10	412.30	418.90	526.30	613.20	473.80

Source: Average Weekly Earnings, States and Australia (6302.0).

TABLE 9.12. TOTAL JOB VACANCIES (a)

Period	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
ANNUAL AVERAGE ('000)									
1990-91	14.8	5.7	6.1	1.8	2.3	0.7	0.6	2.0	34.1
1991-92	8.9	5.4	5.0	1.7	2.1	0.6	0.4	1.4	25.6
1992-93	10.7	6.2	4.8	1.7	3.3	0.5	0.6	1.3	29.3
1993-94	15.8	11.4	6.4	2.4	4.3	0.7	0.6	1.5	43.1
1994-95	26.4	12.2	9.4	3.7	5.8	1.4	0.8	1.6	61.4
1995-96	27.2	12.7	7.6	2.3	6.0	0.9	0.9	1.1	58.9
1996-97	23.3	12.7	10.6	3.6	8.2	1.3	0.9	1.1	61.6
1997-98	21.5	19.9	15.5	3.6	8.2	1.3	0.9	1.1	61.7
QUARTERLY ('000) — ORIGINAL									
1996-97									
November	25.6	12.8	9.0	2.6	8.8	1.1	1.1	1.4	62.3
February	22.9	12.8	12.2	3.7	7.8	1.4	0.7	1.0	62.6
May	19.6	11.5	12.1	3.0	8.6	1.4	0.9	1.0	58.1
1997-98									
August	19.3	17.4	16.7	4.8	7.2	1.9	1.0	1.0	69.3
November	22.8	17.9	15.7	3.1	6.1	0.7	0.7	1.0	68.1
February	23.5	24.0	14.0	3.3	7.6	0.6	1.5	1.0	75.5
May	20.5	20.2	15.4	2.7	11.0	0.6	1.6	1.4	73.3
1998-99									
August	26.4	17.6	15.7	3.0	6.3	1.0	1.2	1.8	73.0
November	24.1	26.9	11.7	4.8	6.9	0.6	0.8	1.5	77.4

(a) : Care should be exercised in using these series as some estimates are subject to high sampling variability. Source: *Job Vacancies and Overtime, Australia* (6354.0).

TABLE 9.13. AVERAGE WEEKLY OVERTIME HOURS PER EMPLOYEE (a)

Period	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
ANNUAL AVERAGE									
1989-90	1.35	1.63	1.34	1.27	1.73	1.35	1.79	0.90	1.45
1990-91	1.21	1.21	1.08	1.13	1.56	1.16	1.40	0.99	1.21
1991-92	1.12	1.06	1.04	0.87	1.46	1.05	1.20	0.96	1.10
1992-93	1.24	1.12	1.06	0.94	1.31	1.02	1.37	0.81	1.14
1993-94	1.33	1.31	1.14	1.00	1.30	0.91	1.56	0.82	1.25
1994-95	1.19	1.43	1.23	1.15	1.40	1.02	1.25	0.56	1.26
1995-96	1.13	1.20	1.10	0.98	1.25	0.89	1.36	0.48	1.13
1996-97	1.11	1.17	0.98	1.01	1.15	0.81	1.23	0.51	1.08
1997-98	1.00	1.17	0.92	0.89	1.21	0.67	1.49	0.54	1.03
QUARTERLY — ORIGINAL									
1996-97									
November	1.18	1.27	1.01	0.96	1.20	0.78	1.11	0.49	1.14
February	1.12	1.20	0.99	1.03	1.09	0.90	0.95	0.56	1.09
May	1.10	1.26	0.94	1.08	1.13	0.78	1.20	0.54	1.10
1997-98									
August	1.02	1.23	0.88	1.01	1.08	0.71	1.29	0.55	1.04
November	1.07	1.26	0.96	0.98	1.32	0.59	1.70	0.57	1.11
February	1.01	1.13	0.83	0.87	1.25	0.65	1.47	0.52	1.01
May	0.91	1.04	1.00	0.71	1.19	0.71	1.49	0.53	0.97
1998-99									
August	0.97	1.23	1.02	0.64	0.98	0.66	1.34	0.46	1.02
November	1.08	1.16	1.05	0.82	1.11	0.78	1.17	0.43	1.06

(a) : Care should be exercised in using these series as some estimates are subject to high sampling variability. Source: *Job Vacancies and Overtime, Australia* (6354.0).

TABLE 9.14. SECURED HOUSING FINANCE COMMITMENTS TO INDIVIDUALS — NUMBER AND VALUE (a)

Period	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
TOTAL NUMBER OF DWELLING UNITS ANNUAL									
1992-93	129,788	104,579	96,576	36,960	59,395	11,130	3,930	10,780	453,138
1993-94	154,735	130,335	108,620	45,725	75,881	12,579	4,297	12,313	544,485
1994-95	138,833	103,088	87,252	36,429	60,834	11,236	3,980	9,696	451,348
1995-96	138,217	106,750	82,011	38,707	60,792	11,152	4,291	9,600	451,520
1996-97	159,428	113,489	83,962	36,661	63,277	11,041	4,088	9,491	481,437
1997-98	158,493	119,690	79,266	37,379	65,041	9,689	4,268	8,347	482,173
MONTHLY — ORIGINAL									
1997-98									
October	13,578	10,529	7,120	3,173	5,641	845	418	760	42,064
November	12,623	9,583	6,729	3,033	5,085	756	348	699	38,856
December	12,071	10,192	6,345	2,512	5,113	816	326	689	38,764
January	10,264	8,187	5,366	2,255	4,721	668	294	605	32,620
February	13,069	9,961	6,362	3,107	5,370	851	381	756	39,857
March	14,144	10,197	6,568	3,349	5,601	838	394	686	41,777
April	13,934	9,780	6,430	3,227	5,577	850	393	604	40,795
May	13,337	9,986	6,397	3,054	5,742	790	327	657	40,290
June	14,363	11,123	6,584	3,581	6,400	892	354	726	44,023
1998-99									
July	14,160	10,629	6,283	3,144	5,762	771	419	758	41,926
August	12,150	9,249	5,785	2,787	5,089	769	336	645	36,810
September	12,610	9,637	6,018	2,807	4,962	686	361	777	37,858
October	12,177	9,649	6,103	2,685	5,324	719	365	717	37,739
November	13,151	9,513	6,336	3,000	5,503	824	435	698	39,460
December	12,194	9,860	6,209	3,151	5,219	873	496	734	38,736
PERCENTAGE CHANGE FROM PREVIOUS MONTH — ORIGINAL									
1997-98									
June	7.7	11.4	2.9	17.3	11.5	12.9	8.3	10.5	9.3
1998-99									
July	-1.4	-4.4	-4.6	-12.2	-10.0	-13.6	18.4	4.4	-4.8
August	-14.2	-13.0	-7.9	-11.4	-11.7	-0.3	-19.8	-14.9	-12.2
September	3.8	4.2	4.0	0.7	-2.5	-10.8	7.4	20.5	2.8
October	-3.4	0.1	1.4	-4.3	7.3	4.8	1.1	-7.7	-0.3
November	8.0	-1.4	3.8	11.7	3.4	14.6	19.2	-2.6	4.6
December	-7.3	3.6	-2.0	5.0	-5.2	5.9	14.0	5.2	-1.8
TOTAL VALUE OF DWELLING UNITS ANNUAL (\$ MILLION)									
1992-93	12,309.0	8,193.0	7,398.0	2,569.0	4,337.0	612.0	303.0	1,056.0	36,778.0
1993-94	16,239.0	10,369.0	9,198.0	3,388.0	6,258.0	773.0	366.0	1,242.0	47,832.0
1994-95	15,317.0	8,803.0	7,861.0	2,880.0	5,399.0	726.0	375.0	947.0	42,306.0
1995-96	15,868.0	9,406.0	7,749.0	2,982.0	5,536.0	769.0	424.0	945.0	43,679.0
1996-97	19,979.0	10,653.0	8,182.0	2,956.0	6,049.0	750.0	431.0	980.0	49,979.0
1997-98	21,923.0	12,591.0	8,402.0	3,129.0	6,484.0	737.0	469.0	928.0	54,663.0
MONTHLY — ORIGINAL (\$ MILLION)									
1997-98									
October	1,891.0	1,109.0	739.0	268.0	560.0	61.0	48.0	82.0	4,756.0
November	1,771.0	1,019.0	713.0	258.0	511.0	57.0	38.0	83.0	4,450.0
December	1,700.0	1,090.0	683.0	275.0	526.0	64.0	38.0	83.0	4,460.0
January	1,398.0	878.0	575.0	207.0	475.0	51.0	33.0	65.0	3,682.0
February	1,750.0	1,028.0	674.0	254.0	537.0	67.0	43.0	87.0	4,440.0
March	1,955.0	1,080.0	709.0	283.0	568.0	65.0	44.0	76.0	4,779.0
April	1,920.0	1,011.0	687.0	271.0	543.0	59.0	38.0	65.0	4,596.0
May	1,885.0	1,063.0	664.0	258.0	579.0	59.0	33.0	74.0	4,614.0
June	2,097.0	1,183.0	746.0	307.0	632.0	74.0	39.0	80.0	5,159.0
1998-99									
July	2,045.0	1,155.0	713.0	269.0	577.0	65.0	45.0	90.0	4,959.0
August	1,796.0	1,013.0	700.0	233.0	523.0	65.0	38.0	69.0	4,436.0
September	1,831.0	1,041.0	689.0	242.0	526.0	58.0	41.0	87.0	4,514.0
October	1,838.0	1,060.0	698.0	238.0	557.0	57.0	43.0	84.0	4,574.0
November	2,024.0	1,109.0	744.0	278.0	611.0	71.0	43.0	86.0	4,966.0
December	1,970.0	1,160.0	725.0	294.0	601.0	74.0	53.0	90.0	4,968.0
PERCENTAGE CHANGE FROM PREVIOUS MONTH									
1997-98									
June	11.3	11.3	12.4	19.2	9.2	24.5	19.1	7.9	11.8
1998-99									
July	-2.5	-2.4	-4.5	-12.5	-8.7	-11.6	16.7	13.4	-3.9
August	-12.2	-12.3	-1.8	-13.4	-9.4	0.2	-17.1	-23.8	-10.6
September	1.9	2.7	-1.5	4.1	0.7	-11.4	8.2	26.2	1.8
October	0.4	1.8	1.3	-1.7	5.8	-1.8	4.4	-3.0	1.3
November	10.1	4.7	6.5	16.5	9.8	24.8	0.9	2.6	8.6
December	-2.6	4.6	-2.5	5.9	-1.7	5.2	22.7	3.6	0.0

(a) : Excludes alterations and additions. Source: *Housing Finance for Owner Occupation, Australia* (5609.0).



TABLE 9.15. TOTAL HOURLY RATES OF PAY INDEXES : EXCLUDING BONUSES

Period	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
QUARTERLY (SEPTEMBER QUARTER 1997 = 100.0)									
1996-97									
September									
December									
March									
June									
<i>(Note: Index numbers have not been compiled PRIOR to the September quarter 1997)</i>									
1997-98									
September	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
December	100.7	100.7	100.9	100.8	100.9	100.4	101.2	100.2	100.8
March	101.8	101.6	101.7	101.5	102.0	101.1	101.8	101.1	101.7
June	102.1	102.1	102.2	101.9	102.6	101.4	102.2	101.4	102.1
1998-99									
September	103.6	103.2	103.2	103.2	103.4	102.4	103.0	102.8	103.3
PERCENTAGE CHANGE FROM PREVIOUS QUARTER — ORIGINAL									
1996-97									
March									
June									
<i>(Note: Quarterly movements have not been compiled PRIOR to the December quarter 1997)</i>									
1997-98									
September									
December	0.7	0.7	0.9	0.8	0.9	0.4	1.2	0.2	0.8
March	1.1	0.9	0.8	0.7	1.1	0.7	0.6	0.9	0.9
June	0.3	0.5	0.5	0.4	0.6	0.3	0.4	0.3	0.4
1998-99									
September	1.5	1.1	1.0	1.3	0.8	1.0	0.8	1.4	1.2

Source: Wage Cost Index, Australia (6345.0).

# 10 INTERNATIONAL COMPARISONS

---

## TABLES

10.1	Real gross domestic product volume index . . . . .	120
10.2	Balance on current account : percentage of seasonally adjusted GDP . . . . .	121
10.3	Balance on merchandise trade . . . . .	122
10.4	Private consumption expenditure volume index . . . . .	122
10.5	Private fixed capital investment volume index . . . . .	123
10.6	Industrial production volume index . . . . .	124
10.7	Consumer price index (all items) . . . . .	125
10.8	Consumer price index: all groups, excluding housing . . . . .	126
10.9	Producer prices index . . . . .	127
10.10	Wages index . . . . .	128
10.11	Employment index . . . . .	128
10.12	Unemployment rates . . . . .	129
10.13	M1 plus quasi-money index . . . . .	130

## NOTES

1. The statistics for Germany in these tables refer to Germany after unification.

2. Consumer price index (CPI). Due to the many differences in the structure of the housing sector in different countries and in the way that housing is treated in their CPIs, a simple comparison of All items (or headline) CPIs is often inappropriate. To provide a better basis for international comparisons, the Fourteenth International Conference of Labour Statisticians adopted a resolution which called for countries to “provide for dissemination at the international level of an index which excludes shelter, in addition to the all-items index.”

Table 10.8 presents indexes for selected countries on a basis consistent with the above resolution and comparable to the Australian series *All groups excluding housing*. The series in this table are presented on a reference base consistent with that used for publication of the Australian CPI (i.e. 1989–90 = 100.0) and as such are not directly comparable with those for All items published in Table 10.7 (presented on a reference base of 1990 = 100.0).

## RELATED PUBLICATIONS

*Consumer Price Index, Australia* (6401.0)

*Main Economic Indicators — Organisation for Economic Co-operation and Development (OECD)*

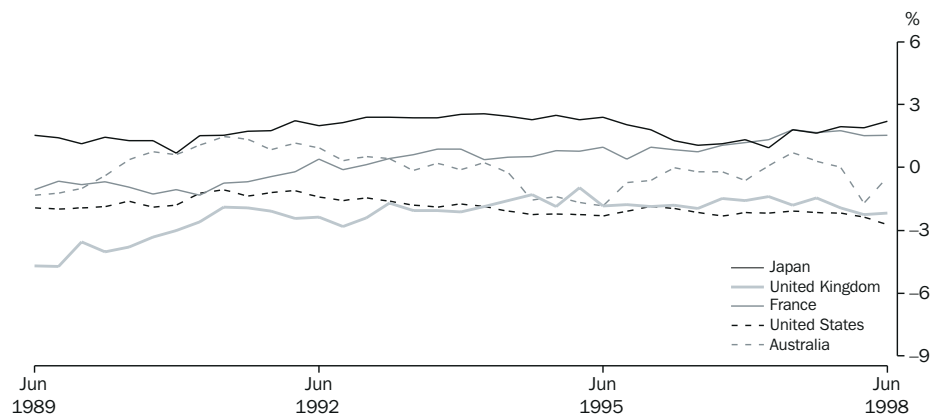
INTERNATIONAL  
COMPARISONS

TABLE 10.1. REAL GROSS DOMESTIC PRODUCT VOLUME INDEX (a)

Period	United States	Japan	Germany	France	Italy	United Kingdom	Canada	OECD Major 7 (b)	Australia (c)
ANNUAL (1990 = 100.0)									
1989-90	99.9	97.5	na	99.1	99.3	100.2	100.3	99.1	100.0
1990-91	99.2	102.4		100.2	100.4	99.0	98.6	100.6	99.3
1991-92	100.2	104.7	113.7	101.8	101.9	98.3	98.6	102.3	99.7
1992-93	103.0	104.8	113.3	101.1	100.9	99.4	100.0	103.6	103.3
1993-94	105.9	105.4	114.6	101.6	101.4	102.9	103.3	105.6	108.1
1994-95	109.0	106.3	117.4	105.1	104.4	107.1	107.2	108.5	113.3
1995-96	111.9	110.0	118.2	106.2	106.4	109.6	108.1	111.0	117.8
1996-97	116.2	112.5	120.7	108.2	106.7	112.6	111.0	114.2	121.4
1997-98	120.7	111.1	123.8	111.6	109.0	116.7	115.0	117.2	126.2
PERCENTAGE CHANGE FROM PREVIOUS YEAR									
1990-91	-0.7	5.1	na	1.1	1.1	-1.2	-1.6	1.6	-0.8
1991-92	1.0	2.2		1.6	1.5	-0.8	0.0	1.6	0.4
1992-93	2.8	0.1	-0.3	-0.6	-1.0	1.1	1.4	1.3	3.6
1993-94	2.9	0.5	1.1	0.4	0.5	3.5	3.3	2.0	4.6
1994-95	2.9	0.9	2.5	3.4	3.0	4.2	3.8	2.7	4.9
1995-96	2.7	3.4	0.6	1.1	1.9	2.3	0.9	2.3	3.9
1996-97	3.8	2.3	2.1	1.9	0.4	2.8	2.6	2.9	3.1
1997-98	3.9	-1.2	2.6	3.1	2.1	3.6	3.6	2.7	3.9
SEASONALLY ADJUSTED (1990 = 100.0)									
1995-96									
June	113.8	111.7	119.3	106.7	106.0	110.6	108.5	112.4	118.8
1996-97									
September	114.4	111.2	119.8	107.5	106.5	111.2	109.6	112.8	120.4
December	115.6	112.4	120.2	107.9	106.1	111.9	110.2	113.7	121.2
March	116.8	114.7	120.7	108.1	106.2	113.0	111.5	114.8	120.9
June	117.9	111.5	121.9	109.3	108.1	114.4	112.6	115.3	123.2
1997-98									
September	119.1	112.4	122.6	110.3	108.7	115.5	113.8	116.3	124.0
December	120.0	112.0	123.0	111.2	109.0	116.4	114.6	116.9	125.1
March	121.6	110.5	124.8	112.0	108.9	117.2	115.6	117.7	127.2
June	122.2	109.6	124.9	112.7	109.4	117.8	116.1	117.9	128.4
PERCENTAGE CHANGE FROM PREVIOUS QUARTER									
1996-97									
June	0.9	-2.8	1.0	1.1	1.8	1.2	1.0	0.4	1.9
1997-98									
September	1.0	0.8	0.6	0.9	0.6	1.0	1.1	0.9	0.6
December	0.8	-0.4	0.3	0.8	0.3	0.8	0.7	0.5	0.9
March	1.3	-1.3	1.5	0.7	-0.1	0.7	0.9	0.7	1.7
June	0.5	-0.8	0.1	0.6	0.5	0.5	0.4	0.2	0.9

(a) : Data for Japan measure real gross national product. (b) : The OECD Major 7 consists of Canada, France, Germany, Italy, Japan, the United Kingdom and the United States of America (c) : Data refers to GDP(A). Source: Organisation for Economic Co-operation and Development (OECD) and Australian Bureau of Statistics (ABS).

## BALANCE ON CURRENT ACCOUNT AS A PERCENTAGE OF GDP



Source: OECD Quarterly data

TABLE 10.2. BALANCE ON CURRENT ACCOUNT : PERCENTAGE OF SEASONALLY ADJUSTED GDP (a)

Period	United States	Japan	Germany (b)	France	Italy	United Kingdom	Canada	Australia
ANNUAL								
1989-90	-1.9	1.3		-0.8	-1.2	-4.0	1.2	-0.6
1990-91	-1.5	1.3		-1.1	-1.2	-2.7	2.3	1.0
1991-92	-1.3	1.9	0.8	-0.2	-1.3	-2.2	1.8	1.1
1992-93	-1.6	2.3	1.4	0.3	0.6	-2.2	2.5	0.3
1993-94	-1.9	2.5	1.7	0.6	2.0	-1.9	2.2	0.0
1994-95	-2.3	2.4	2.0	0.8	1.9	-1.5	3.6	-1.6
1995-96	-2.0	1.6	2.3	0.7	2.6	-1.8	5.0	-0.4
1996-97	-2.2	1.3	2.6	1.4	2.9	-1.6	4.3	-0.0
1997-98	-2.4	1.9	2.7	1.6	1.9	-2.0	1.9	-0.5
SEASONALLY ADJUSTED								
1995-96								
June	-2.1	1.1	2.4	0.7	3.5	-2.0	5.6	-0.2
1996-97								
September	-2.3	1.1	2.8	1.1	3.7	-1.5	5.4	-0.2
December	-2.2	1.3	2.7	1.2	3.0	-1.6	4.1	-0.6
March	-2.2	0.9	2.3	1.3	2.5	-1.4	4.7	0.1
June	-2.1	1.8	2.6	1.8	2.1	-1.8	2.9	0.7
1997-98								
September	-2.2	1.6	2.7	1.7	2.1	-1.4	2.4	0.3
December	-2.2	2.0	2.6	1.8	1.6	-1.9	1.8	0.0
March	-2.4	1.9	2.7	1.5	1.7	-2.3	1.7	-1.7
June	-2.7	2.2	3.0	1.5	2.0	-2.2	1.5	-0.5

(a) : Statistics are calculated as the original balance on current account as a percentage of the seasonally adjusted current price gross domestic product, except for Japan and Germany, where real gross national product replaces gross domestic product. (b) : 1991 = 100.0.  
Source: Organisation for Economic Co-operation and Development (OECD) and Australian Bureau of Statistics (ABS).

**INTERNATIONAL  
COMPARISONS**

**TABLE 10.3. BALANCE ON MERCHANDISE TRADE (a)**

Period	United States	Japan	Germany (b)	France	Italy	United Kingdom	Canada	Australia	New Zealand
ANNUAL (\$US MILLION)									
1989-90	-124,420	56,760	73,370	-10,770	-11,270	-43,410	6,030	-1,570	-480
1990-91	-104,640	58,290	30,370	-15,800	-12,190	-30,980	12,060	2,790	310
1991-92	-92,260	93,340	18,190	-3,310	-13,810	-26,490	9,640	3,160	1,260
1992-93	-123,950	113,630	31,950	4,140	6,330	-27,930	13,940	860	840
1993-94	-153,850	122,550	40,100	10,080	23,820	-25,270	12,680	90	760
1994-95	-193,430	117,060	50,600	12,730	23,720	-20,820	21,810	-5,590	-260
1995-96	-180,360	78,820	59,070	12,500	35,020	-27,290	31,430	-1,450	-590
1996-97	-206,800	67,470	67,060	23,430	39,760	-24,390	27,750	-20	-180
1997-98	-235,460	100,230	73,480	29,180	27,500	-32,440	12,560	-1,940	-540
SEASONALLY ADJUSTED (\$US MILLION)									
1996-97									
May	-17,490	9,300	5,170	2,690	2,400	-1,960	2,090	510	50
June	-16,220	7,790	6,020	2,750	2,260	-2,600	1,360	-110	10
1997-98									
July	-16,970	6,330	5,580	3,090	3,190	-1,840	1,400	0	-130
August	-18,010	9,110	4,400	1,590	2,520	-1,750	1,750	350	50
September	-17,930	6,190	7,880	2,770	1,880	-2,320	940	-40	-40
October	-17,380	10,250	4,950	3,200	3,010	-2,370	630	-30	-50
November	-18,120	9,140	5,990	1,950	2,340	-3,240	1,020	160	30
December	-18,470	6,240	6,190	2,780	690	-2,320	1,460	-110	-60
January	-18,310	8,350	4,620	2,540	1,670	-2,570	1,100	-110	90
February	-19,470	9,170	6,340	2,200	1,670	-4,110	940	-360	-60
March	-21,660	6,990	7,170	2,020	2,960	-2,750	800	-1,300	-200
April	-22,860	9,300	7,110	2,530	2,410	-2,950	1,000	200	-90
May	-24,090	11,680	7,890	2,180	2,520	-3,530	1,400	-170	-10
June	-22,190	7,480	5,360	2,330	2,640	-2,690	120	-530	-70
1998-99									
July	n/a	9,540	n/a	n/a	n/a	n/a	n/a	-660	10

(a) : All series are exports (fob) less imports (cif), except the United States, France, Canada and Australia where imports are also fob. Data are measured on a foreign trade basis. (b) : Excludes trade with the German Democratic Republic. Source: Organisation for Economic Co-operation and Development (OECD).

**TABLE 10.4. PRIVATE CONSUMPTION EXPENDITURE VOLUME INDEX**

Period	United States	Japan	Germany (a)	France	Italy	United Kingdom	Canada	Australia
ANNUAL (1990 = 100.0)								
1989-90	99.5	98.2	na	99.1	99.0	95.3	99.7	99.1
1990-91	99.6	101.2		100.5	101.3	99.1	98.9	100.0
1991-92	100.4	104.1	100.7	102.1	103.7	98.0	99.6	102.6
1992-93	103.6	104.8	102.5	102.8	102.2	99.9	101.3	105.6
1993-94	106.9	107.0	103.5	103.4	102.0	103.3	103.8	109.3
1994-95	110.0	108.8	105.1	105.4	103.5	105.4	106.4	114.8
1995-96	113.2	112.2	106.7	107.2	105.1	108.0	108.6	119.7
1996-97	116.7	114.5	107.9	108.2	106.6	112.3	111.7	122.7
1997-98	121.7	113.3	108.7	111.1	108.4	116.7	116.2	128.4
SEASONALLY ADJUSTED (1990 = 100.0)								
1995-96								
June	114.9	112.8	107.2	107.5	105.1	109.7	109.4	121.3
1996-97								
September	115.4	113.0	108.3	108.6	105.4	110.3	109.6	121.3
December	116.2	114.1	107.5	107.9	106.0	111.5	111.1	122.4
March	117.5	118.6	107.5	108.1	107.2	112.7	112.5	122.7
June	117.9	112.3	108.5	108.1	107.9	114.7	113.7	124.3
1997-98								
September	119.7	114.3	108.0	109.6	108.3	115.1	115.1	126.2
December	120.5	113.1	108.6	110.7	108.3	116.7	115.9	128.3
March	122.3	113.4	109.5	111.5	108.4	117.3	116.1	128.7
June	124.2	112.5	108.8	112.6	108.8	117.7	117.6	130.3
PERCENTAGE CHANGE FROM PREVIOUS QUARTER								
1996-97								
June	0.4	-5.3	1.0	0.1	0.7	1.7	1.1	1.3
1997-98								
September	1.5	1.7	-0.5	1.4	0.3	0.4	1.2	1.5
December	0.7	-1.0	0.6	1.0	0.0	1.5	0.7	1.7
March	1.5	0.3	0.9	0.7	0.1	0.5	0.2	0.3
June	1.5	-0.8	-0.7	1.0	0.4	0.4	1.4	1.3

(a) : 1991 = 100.0. Source: Organisation for Economic Co-operation and Development (OECD).

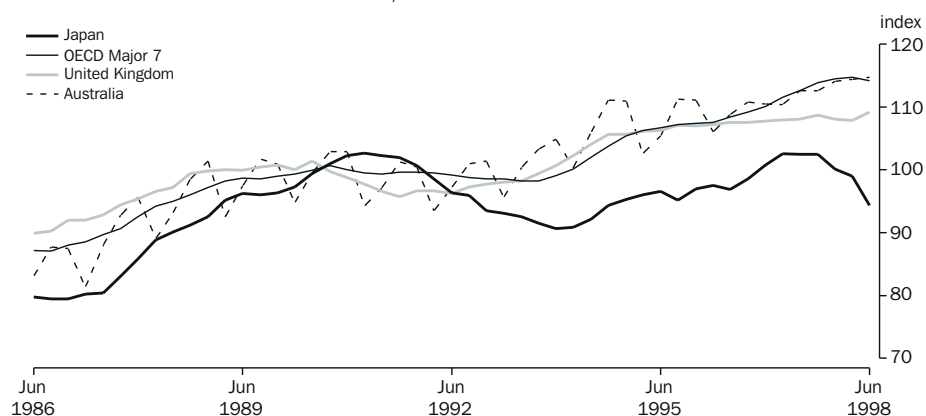
**TABLE 10.5. PRIVATE FIXED CAPITAL INVESTMENT VOLUME INDEX (a)**
**INTERNATIONAL  
COMPARISONS**

Period	United States	Japan	Germany (b)	France	Italy	United Kingdom	Canada	Australia
ANNUAL (1990 = 100.0)								
1989-90	101.7	96.0	na	99.2	99.3	99.2	121.3	105.3
1990-91	95.9	103.1		100.2	99.6	95.5	96.4	94.5
1991-92	95.2	102.5	102.5	99.0	101.3	90.8	96.6	90.3
1992-93	100.4	100.3	99.3	94.1	92.6	90.4	92.5	94.8
1993-94	106.6	99.4	97.9	90.0	85.2	93.1	96.0	100.3
1994-95	113.4	98.7	101.5	93.8	89.6	96.1	98.9	110.9
1995-96	119.3	106.8	98.8	93.9	94.1	99.9	96.0	114.4
1996-97	128.8	109.2	100.3	93.5	92.8	104.6	107.6	124.5
1997-98	140.1	102.3	100.7	95.5	95.2	112.9	115.2	135.2
PERCENTAGE CHANGE FROM PREVIOUS YEAR								
1990-91	-5.7	7.3	na	1.1	0.3	-3.7	-20.5	-10.2
1991-92	-0.7	-0.5		-1.2	1.7	-5.0	0.2	-4.5
1992-93	5.4	-2.2	-3.1	-5.0	-8.6	-0.4	-4.2	5.0
1993-94	6.1	-0.9	-1.4	-4.3	-7.9	3.0	3.8	5.8
1994-95	6.4	-0.8	3.7	4.2	5.1	3.2	3.0	10.6
1995-96	5.3	8.3	-2.6	0.1	5.1	4.0	-2.9	3.1
1996-97	7.9	2.2	1.4	-0.5	-1.4	4.7	12.0	8.8
1997-98	8.7	-6.3	0.5	2.2	2.5	7.9	7.1	8.6
SEASONALLY ADJUSTED (1990 = 100.0)								
1995-96 June	124.2	112.6	101.0	93.8	93.6	101.8	97.7	116.2
1996-97 September	126.1	110.0	101.3	93.8	93.0	102.9	102.2	118.7
December	127.5	110.6	101.2	93.7	92.4	103.1	107.3	122.0
March	129.5	109.4	99.2	92.6	92.4	104.3	109.6	127.0
June	132.2	106.6	99.5	93.7	93.4	108.0	111.1	130.5
1997-98 September	135.8	105.8	100.2	94.3	94.2	109.3	114.4	133.3
December	136.6	104.7	100.3	94.5	95.1	112.3	114.4	135.5
March	142.2	101.1	103.5	96.2	95.6	115.7	115.3	138.0
June	145.6	97.8	99.0	97.1	95.7	114.1	116.9	134.1
PERCENTAGE CHANGE FROM PREVIOUS QUARTER								
1996-97 June	2.1	-2.6	0.3	1.1	1.2	3.5	1.3	2.7
1997-98 September	2.7	-0.7	0.7	0.6	0.8	1.3	3.0	2.2
December	0.6	-1.1	0.1	0.2	1.0	2.7	0.1	1.7
March	4.1	-3.4	3.2	1.9	0.5	3.1	0.7	1.8
June	2.4	-3.3	-4.4	0.9	0.2	-1.4	1.4	-2.9

(a) : Fixed capital investment volume indexes for Germany, France, Italy and the United Kingdom are for gross domestic fixed investment. (b) : 1991 = 100.0. Source: Organisation for Economic Co-operation and Development (OECD) and Australian Bureau of Statistics (ABS).

**INTERNATIONAL  
COMPARISONS**

INDUSTRIAL PRODUCTION VOLUME INDEX 1990=100



Source: OECD, Quarterly data

**TABLE 10.6. INDUSTRIAL PRODUCTION VOLUME INDEX**

Period	United States	Japan	Germany	France	Italy	United Kingdom	Canada	OECD Major 7	Australia
ANNUAL (1990 = 100.0)									
1989-90	99.9	97.3	97.4	99.6	101.0	100.7	101.7	99.2	99.2
1990-91	98.5	102.1	102.9	99.3	99.6	98.2	97.3	99.9	99.2
1991-92	99.5	99.4	102.5	98.7	99.6	96.3	96.5	99.5	98.1
1992-93	103.0	93.8	95.5	95.4	96.3	97.8	99.4	98.5	99.6
1993-94	107.0	91.3	93.9	94.8	96.8	101.6	104.8	99.8	103.8
1994-95	113.5	95.5	97.8	99.8	105.1	105.8	111.8	105.4	107.5
1995-96	117.6	96.7	96.7	99.3	107.6	106.8	112.7	107.4	109.4
1996-97	122.6	101.2	99.1	100.9	105.5	107.9	117.2	110.9	111.1
1997-98	128.5	99.0	104.0	106.9	108.9	108.5	122.2	114.3	114.0
SEASONALLY ADJUSTED (1990 = 100.0)									
1995-96									
June	119.5	96.9	97.3	99.6	105.1	107.1	113.3	108.2	109.8
1996-97									
September	120.6	98.6	98.3	100.3	104.8	107.5	115.5	109.2	110.8
December	121.7	100.8	98.4	100.1	103.7	107.8	116.3	110.1	110.5
March	123.3	102.7	99.0	100.1	105.7	108.0	117.5	111.5	110.4
June	124.6	102.5	100.5	103.2	107.6	108.1	119.5	112.6	112.6
1997-98									
September	126.5	102.5	102.1	105.4	108.2	108.7	121.6	113.9	112.6
December	128.7	100.1	102.9	106.5	109.2	108.1	122.3	114.5	114.1
March	129.1	99.0	105.3	107.3	109.2	107.9	121.9	114.7	114.4
June	129.6	94.3	105.5	108.5	109.0	109.2	122.8	114.2	114.7

Source: Organisation for Economic Co-operation and Development (OECD) and Australian Bureau of Statistics (ABS).

TABLE 10.7. CONSUMER PRICE INDEX (ALL ITEMS)

INTERNATIONAL  
COMPARISONS

Period	United States	Japan	Germany	France	Italy	United Kingdom	Canada	OECD Major 7	Australia	New Zealand
ANNUAL (1990 = 100.0)										
1989-90	97.2	98.5	98.6	98.3	97.0	95.3	97.8	97.4	96.9	97.6
1990-91	102.5	101.8	101.3	101.7	103.3	103.6	103.1	102.4	102.0	101.8
1991-92	105.8	104.3	106.7	104.6	109.4	108.0	106.4	106.0	104.0	103.0
1992-93	109.1	105.6	111.3	106.7	114.4	110.6	108.2	109.1	105.0	104.3
1993-94	111.9	106.9	115.4	108.8	119.1	112.9	109.3	111.7	107.0	105.6
1994-95	115.1	107.1	118.0	110.6	124.4	116.2	110.5	114.4	110.4	109.1
1995-96	118.3	107.0	119.9	112.9	130.8	119.7	112.5	116.9	115.1	112.0
1996-97	121.6	107.8	121.8	114.5	134.2	122.7	114.6	119.6	116.6	114.2
1997-98	123.8	109.6	123.6	115.7	136.4	127.2	115.9	121.7	116.6	115.6
PERCENTAGE CHANGE FROM PREVIOUS YEAR										
1990-91	5.5	3.3	2.8	3.4	6.4	8.7	5.5	5.1	5.3	4.4
1991-92	3.2	2.5	5.3	2.9	5.9	4.3	3.2	3.6	1.9	1.2
1992-93	3.1	1.2	4.3	2.0	4.6	2.4	1.7	2.9	1.0	1.2
1993-94	2.6	1.2	3.6	1.9	4.1	2.0	1.0	2.4	1.8	1.3
1994-95	2.9	0.2	2.3	1.7	4.4	3.0	1.1	2.3	3.2	3.3
1995-96	2.7	-0.2	1.6	2.1	5.2	3.0	1.8	2.3	4.2	2.7
1996-97	2.9	0.8	1.5	1.5	2.5	2.5	1.8	2.2	1.3	2.0
1997-98	1.8	1.6	1.5	1.0	1.7	3.7	1.2	1.8	0.0	1.2
ORIGINAL (1990 = 100.0)										
1995-96 June	119.8	107.3	120.7	114.1	132.9	121.2	113.4	118.2	116.1	113.0
1996-97 September	120.5	107.2	121.2	113.8	133.2	121.4	113.6	118.6	116.4	113.7
December	121.3	107.4	121.1	114.3	133.9	122.1	114.3	119.2	116.6	114.5
March	122.2	107.2	122.2	114.9	134.5	122.8	114.9	119.8	116.8	114.2
June	122.6	109.5	122.6	115.1	135.0	124.4	115.3	120.6	116.5	114.3
1997-98 September	123.1	109.4	123.5	115.3	135.2	125.6	115.6	121.1	116.0	114.8
December	123.6	109.7	123.3	115.6	136.1	126.6	115.5	121.5	116.3	115.5
March	123.9	109.3	123.5	115.6	136.8	127.0	116.1	121.7	116.6	115.7
June	124.6	109.9	124.2	116.3	137.4	129.4	116.4	122.4	117.3	116.2
PERCENTAGE CHANGE FROM SAME QUARTER OF PREVIOUS YEAR										
1996-97 June	0.4	2.1	0.4	0.2	0.4	1.3	0.3	0.7	-0.3	0.1
1997-98 September	0.4	-0.1	0.7	0.1	0.1	1.0	0.2	0.4	-0.4	0.4
December	0.4	0.3	-0.2	0.3	0.6	0.8	-0.1	0.4	0.3	0.6
March	0.2	-0.4	0.2	0.0	0.5	0.3	0.5	0.2	0.3	0.2
June	0.6	0.5	0.5	0.6	0.4	1.8	0.3	0.6	0.6	0.4

Source: Organisation for Economic Co-operation and Development (OECD).



**INTERNATIONAL  
COMPARISONS**
**TABLE 10.8. CONSUMER PRICE INDEX (EXCLUDING SHELTER)**

Period	Australia	New Zealand	Hong Kong	Indonesia	Japan	Republic of Korea	Singapore	Taiwan	Canada	United States	Germany	United Kingdom
ANNUAL (1989-90 = 100.0)												
1989-90	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1990-91	105.6	104.0	110.8	108.7	103.4	109.1	103.3	104.0	105.5	105.5	102.7	107.7
1991-92	108.8	106.5	121.7	120.0	105.9	117.9	106.1	107.6	108.8	108.7	107.1	115.0
1992-93	111.0	108.7	130.8	129.0	106.8	123.5	108.1	111.4	110.8	112.1	110.3	118.6
1993-94	113.5	109.4	140.1	137.8	107.9	130.4	110.9	114.2	112.0	114.8	113.2	122.0
1994-95	116.5	110.5	151.4	150.3	107.8	138.0	114.5	119.1	113.4	118.0	115.2	124.8
1995-96	121.1	111.9	160.8	163.7	107.3	144.4	116.0	122.5	116.0	120.9	116.3	128.3
1996-97	123.9	113.7	168.2	174.1	108.2	151.3	118.1	125.7	118.8	124.3	117.7	131.5
1997-98	125.4	114.9	175.1	232.7	112.4	162.1	119.4	127.2	120.6	125.8	119.2	134.6
PERCENTAGE CHANGE FROM PREVIOUS YEAR												
1989-90	6.7	7.5	10.1	6.2	2.9	6.7		3.1	4.8	4.7	2.7	5.8
1990-91	5.6	4.0	10.8	8.7	3.4	9.1	3.3	4.0	5.5	5.5	2.7	7.7
1991-92	3.0	2.4	9.8	10.4	2.4	8.1	2.7	3.5	3.1	3.0	4.3	6.8
1992-93	2.0	2.1	7.5	7.5	0.8	4.7	1.9	3.5	1.8	3.1	3.0	3.1
1993-94	2.3	0.6	7.1	6.8	1.0	5.6	2.6	2.5	1.1	2.4	2.6	2.9
1994-95	2.6	1.0	8.1	9.1	-0.1	5.8	3.2	4.3	1.3	2.8	1.8	2.3
1995-96	3.9	1.3	6.2	8.9	-0.5	4.6	1.3	2.9	2.3	2.5	1.0	2.8
1996-97	2.3	1.6	4.6	6.4	0.8	4.8	1.8	2.6	2.4	2.8	1.2	2.5
1997-98	1.2	1.1	4.1	33.7	3.9	7.1	1.1	1.2	1.5	1.2	1.3	2.4
ORIGINAL (1989-90 = 100.0)												
1996-97												
December	123.6	113.8	167.4	173.1	107.5	149.5	117.7	126.3	118.5	124.1	117.1	131.2
March	124.5	113.9	168.9	177.1	107.2	152.4	118.4	124.7	119.2	124.7	118.0	131.6
June	124.8	114.1	170.8	177.7	110.7	153.8	118.8	125.7	119.8	125.1	118.2	132.8
1997-98												
September	124.4	114.5	173.7	183.3	112.3	155.4	119.9	127.6	120.3	125.3	119.3	133.5
December	125.2	114.9	174.2	195.7	112.5	157.9	120.0	125.7	120.1	125.9	118.9	134.3
March	125.7	115.0	175.7	254.5	112.0	167.3	119.1	127.1	120.9	125.6	119.1	134.5
June	126.3	115.3	176.9	297.4	112.6	167.7	118.7	128.2	121.2	126.3	119.5	136.1
1998-99												
September	126.6	116.4	176.6	360.6	111.9	167.8	118.3	128.0	121.4	126.4	119.9	136.1
December	127.1	116.5	nya	nya	nya	nya	nya	129.9	121.4	nya	119.2	136.9
PERCENTAGE CHANGE FROM PREVIOUS QUARTER												
1997-98												
December	0.6	0.3	0.3	6.8	0.2	1.6	0.1	-1.5	-0.2	0.5	-0.3	0.6
March	0.4	0.1	0.9	30.0	-0.4	6.0	-0.8	1.1	0.7	-0.2	0.2	0.1
June	0.5	0.3	0.7	16.9	0.5	0.2	-0.3	0.9	0.2	0.6	0.3	1.2
1998-99												
September	0.2	1.0	-0.2	21.3	-0.6	0.1	-0.3	-0.2	0.2	0.1	0.3	0.0
December	0.4	0.1	n.y.a.	n.y.a.	n.y.a.	n.y.a.	n.y.a.	1.5	0.0	n.y.a.	-0.6	0.6
PERCENTAGE CHANGE FROM SAME QUARTER OF PREVIOUS YEAR												
199798												
December	1.3	1.0	4.1	13.1	4.7	5.6	2.0	-0.5	1.4	1.5	1.5	2.4
March	1.0	1.0	4.0	43.7	4.5	9.8	0.6	1.9	1.4	0.7	0.9	2.2
June	1.2	1.1	3.6	67.4	1.7	9.0	-0.1	2.0	1.2	1.0	1.1	2.5
1998-99												
September	1.8	1.7	1.7	96.7	-0.4	8.0	-1.3	0.3	0.9	0.9	0.5	1.9
December	1.5	1.4	nya	nya	nya	nya	nya	3.3	1.1	nya	0.3	1.9

Source: Consumer Price Index, Australia (6401.0).

TABLE 10.9. PRODUCER PRICES INDEX (a)

Period	United States	Japan	Germany	France	Italy	United Kingdom	Canada	OECD Major 7	Australia	New Zealand
ANNUAL (1990 = 100.0)										
1989-90	97.3	99.4	99.1	100.2	98.1	97.2	99.5	98.2	97.2	99.4
1990-91	101.7	100.9	101.2	99.8	102.0	102.9	100.1	101.4	101.5	100.2
1991-92	102.6	100.7	103.2	98.2	104.2	107.4	98.2	102.3	101.9	101.4
1992-93	104.4	99.5	104.0	96.5	107.1	111.0	101.4	103.4	104.3	105.2
1993-94	104.7	97.5	104.0	95.4	111.0	114.6	105.4	103.7	105.4	107.6
1994-95	106.4	96.5	105.9	99.8	117.6	117.9	114.1	105.8	107.8	108.6
1995-96	108.6	95.2	107.2	100.8	124.1	122.6	117.8	107.7	110.5	109.4
1996-97	110.8	94.5	107.4	98.2	125.1	124.9	118.4	108.6	111.1	109.0
1997-98	109.9	94.7	108.1	98.5	126.7	126.5	118.7	108.5	nya	108.7
PERCENTAGE CHANGE FROM PREVIOUS YEAR										
1990-91	4.6	1.5	2.1	-0.4	4.0	5.9	0.6	3.3	4.4	0.8
1991-92	0.8	-0.2	2.0	-1.6	2.1	4.3	-1.9	0.8	0.4	1.2
1992-93	1.8	-1.1	0.8	-1.7	2.8	3.3	3.3	1.1	2.4	3.8
1993-94	0.2	-2.1	0.0	-1.1	3.7	3.3	4.0	0.3	1.1	2.3
1994-95	1.6	-1.0	1.8	4.5	5.9	2.9	8.2	2.0	2.2	1.0
1995-96	2.1	-1.4	1.2	1.0	5.6	4.0	3.3	1.8	2.5	0.7
1996-97	2.1	-0.7	0.2	-2.5	0.8	1.8	0.5	0.9	0.5	-0.3
1997-98	-0.8	0.2	0.7	0.3	1.2	1.3	0.3	-0.1	nya	-0.3
ORIGINAL (1990 = 100.0)										
1995-96										
June	110.0	94.5	107.1	99.3	124.4	124.1	117.6	108.1	110.5	109.0
1996-97										
September	110.5	94.2	107.0	98.4	124.2	124.0	118.1	108.2	110.4	109.2
December	111.4	94.0	107.3	98.0	124.9	124.4	118.0	108.6	110.9	109.1
March	111.0	94.2	107.5	98.0	125.5	125.2	118.3	108.6	111.5	108.9
June	110.4	95.7	107.8	98.4	125.9	125.8	119.1	108.8	111.6	108.9
1997-98										
September	110.4	95.4	108.1	98.7	126.3	125.8	118.9	108.8	112.1	108.3
December	110.5	95.0	108.3	98.7	126.8	126.1	119.0	108.9	112.9	108.9
March	109.3	94.6	108.1	98.6	126.9	126.9	118.3	108.2	112.5	108.2
June	109.5	93.9	108.0	98.1	126.6	127.1	118.4	108.1	nya	109.5
PERCENTAGE CHANGE FROM SAME QUARTER OF PREVIOUS YEAR										
1996-97										
June	-0.6	1.7	0.3	0.4	0.3	0.5	0.7	0.2	0.1	0.0
1997-98										
September	0.0	-0.3	0.3	0.3	0.3	-0.1	-0.1	0.0	0.5	-0.6
December	0.1	-0.4	0.2	0.0	0.4	0.3	0.1	0.0	0.7	0.6
March	-1.1	-0.4	-0.2	-0.1	0.1	0.6	-0.6	-0.6	-0.4	-0.6
June	0.2	-0.7	-0.1	-0.5	-0.2	0.2	0.1	-0.1	nya	1.2

(a) : All series represent producer prices in manufacturing goods except France (intermediate goods). Source: Organisation for Economic Co-operation and Development (OECD).

**INTERNATIONAL  
COMPARISONS**
**TABLE 10.10. WAGES INDEX (a)**

Period	United States (b)	Japan (c)	Germany (d)	France (e)	Italy (f)	United Kingdom	Canada (g)	OECD Major 7	Australia	New Zealand (h)
ANNUAL (1990 = 100.0)										
1989-90	98.4	97.8	97.3	97.8	96.6	95.6	97.8	97.5	96.9	
1990-91	101.7	101.9	103.0	102.5	104.4	104.3	102.6	102.5	102.1	
1991-92	104.6	104.1	108.8	106.3	113.9	112.2	106.7	106.8	105.6	
1992-93	106.9	105.4	115.3	109.8	117.6	118.1	109.8	109.8	107.0	
1993-94	110.0	107.3	120.3	112.0	122.2	123.4	111.6	112.9	108.2	
1994-95	112.7	110.9	123.8	113.8	125.5	129.3	112.8	116.3	109.6	
1995-96	116.0	113.6	128.8	116.8	129.1	134.8	115.4	119.8	112.0	
1996-97	119.8	117.0	131.3	120.0	132.6	140.8	119.1	123.4	113.7	
1997-98	123.2	118.3	nya	123.0	136.6	147.5	120.1	126.3	nya	
ORIGINAL (1990 = 100.0)										
1996-97										
May	121.0	118.0			134.1	142.0	120.2	124.0	114.3	
June	121.0	120.0			134.3	144.0	118.0	125.0	114.6	
1997-98										
July	121.0	119.0	132.0	122.0	135.4	145.0	117.1	125.0	na	
August	121.0	118.0			135.4	142.0	117.5	125.0		
September	122.0	118.0			135.4	142.0	116.5	125.0		
October	123.0	118.0	132.0	123.0	135.9	144.0	118.5	126.0		
November	123.0	119.0			136.0	146.0	119.3	126.0		
December	124.0	119.0			136.0	150.0	121.6	127.0		
January	124.0	116.0	nya	123.0	136.0	146.0	121.6	126.0		
February	124.0	118.0			136.1	150.0	120.8	127.0		
March	124.0	118.0			137.8	156.0	121.9	128.0		
April	124.0	119.0		124.0	138.2	150.0	122.3	127.0		
May	124.0	118.0			138.3	149.0	121.5	127.0		
June	124.0	119.0			138.4	150.0	123.0	127.0		
1998-99										
July	123.0	118.0		125.0	138.7	152.0	121.1	nya		

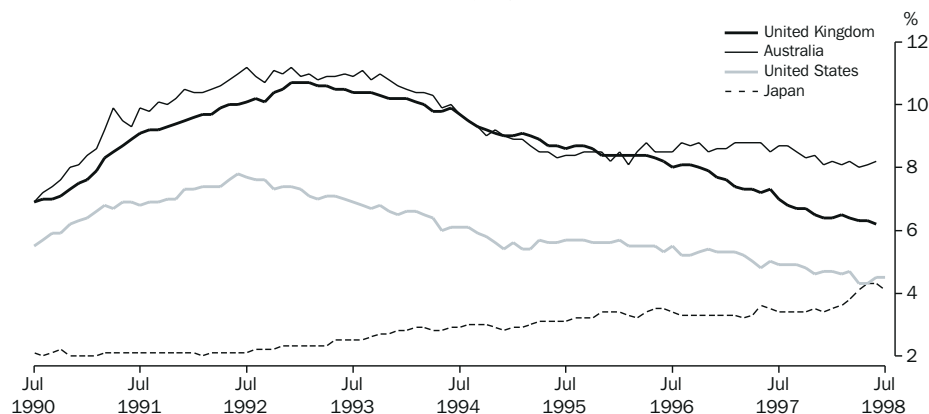
(a) : Data for Germany represent hourly wages rates in manufacturing industry, except for Japan (monthly earnings), France (all industries), Italy (all industries), the United Kingdom (weekly earnings), Australia (all industries) and New Zealand (weekly earnings in all industries). (b) : Pay period including 12th of the month. (c) : Earnings of regular workers in establishments employing at least at least 30 workers. (d) : Enterprises with 10 or more employees. (e) : Data refer to beginning of period. (f) : Data refer to end of month. (g) : Data refer to last pay period of the month. (h) : Data refer to mid-month. Source: Organisation for Economic Co-operation and Development (OECD).

**TABLE 10.11. EMPLOYMENT INDEX (a)**

Period	United States	Japan	Germany	France	Italy	United Kingdom	Canada	OECD Major 7	Australia	New Zealand
ANNUAL (1990 = 100.0)										
1989-90	100.0	99.1	98.6		99.4	99.7	100.0	99.6	99.7	99.5
1990-91	99.5	101.0	101.5		100.7	98.3	98.9	100.1	99.0	99.5
1991-92	99.3	102.6	101.2	99.9	101.6	95.3	97.8	100.0	97.2	98.9
1992-93	100.3	103.1	100.0	98.8	97.7	93.2	98.2	99.9	97.1	100.4
1993-94	102.7	103.4	99.2	98.0	95.1	94.1	99.7	100.7	99.0	104.4
1994-95	105.4	103.2	99.1	98.9	93.9	95.6	102.1	101.9	103.0	109.9
1995-96	106.5	103.4	98.8	99.4	94.2	96.3	103.2	102.5	105.6	115.0
1996-97	108.8	104.6	98.3	99.4	94.3	98.0	104.6	103.8	106.8	117.2
1997-98	110.8	104.7	97.9	100.5	94.5	99.3	107.4	104.9	108.2	116.9
ORIGINAL (1990 = 100.0)										
1995-96										
June	107.3	104.6	98.5	99.3	94.2	96.8	104.3	103.1	105.9	116.4
1996-97										
September	108.6	105.1	99.0	99.2	95.3	97.7	106.4	104.0	106.6	117.2
December	108.7	104.0	99.0	99.3	94.5	98.1	104.0	103.7	107.2	117.7
March	107.8	103.1	97.1	99.5	93.0	97.6	101.8	102.7	106.2	116.9
June	109.9	106.1	98.0	99.7	94.3	98.4	106.2	104.6	107.0	117.1
1997-98										
September	110.9	105.8	98.4	99.9	95.3	98.9	109.0	105.3	107.3	116.8
December	110.9	104.7	98.5	100.2	94.5	99.5	106.6	105.0	108.6	118.0
March	109.8	103.1	96.8	100.7	93.6	99.3	104.8	103.9	107.6	116.9
June	111.5	105.3	97.8	101.0	94.4	99.3	109.0	105.4	109.2	115.9

(a) : All series are total employment except the United States, France, Canada, and Australia, which are civilian employment. Source: Organisation for Economic Co-operation and Development (OECD).

## STANDARDISED UNEMPLOYMENT RATES, Seasonally adjusted



Source: OECD Monthly data

TABLE 10.12. UNEMPLOYMENT RATES (a)

Period	United States	Japan	Germany	France	Italy	United Kingdom	Canada	OECD Major 7	Australia	New Zealand
ANNUAL (PER CENT)										
1989-90	5.3	2.2	na	9.1	9.5	7.0	7.5	na	6.1	7.2
1990-91	6.3	2.1		9.1	8.9	7.7	9.5		8.3	9.1
1991-92	7.2	2.1		10.0	8.8	9.6	10.8		10.4	10.6
1992-93	7.3	2.3		11.0	9.5	10.5	11.4		11.0	10.1
1993-94	6.5	2.7	8.4	12.3	10.9	10.1	11.0	7.3	10.6	8.9
1994-95	5.7	3.0	8.2	11.9	11.7	9.1	9.8	6.8	9.0	7.0
1995-96	5.6	3.3	8.5	12.0	12.0	8.5	9.5	6.8	8.5	6.1
1996-97	5.2	3.3	9.4	12.4	12.1	7.7	9.7	6.7	8.7	6.4
1997-98	4.7	3.7	10.1	12.2	12.1	6.5	8.7	6.5	8.3	7.1
SEASONALLY ADJUSTED (PER CENT)										
1996-97										
May	4.8	3.6	9.9	12.4	12.1	7.2	9.4	6.6	8.8	
June	5.0	3.5	10.0	12.5	12.0	7.3	9.1	6.7	8.5	6.7
1997-98										
July	4.9	3.4	10.0	12.4	12.0	7.0	9.0	6.6	8.7	
August	4.9	3.4	10.1	12.4	12.1	6.8	9.0	6.6	8.7	
September	4.9	3.4	10.2	12.4	12.1	6.7	9.0	6.6	8.5	6.8
October	4.8	3.4	10.3	12.4	12.1	6.7	9.1	6.6	8.3	
November	4.6	3.5	10.3	12.4	12.1	6.5	9.0	6.5	8.4	
December	4.7	3.4	10.3	12.2	12.0	6.4	8.6	6.5	8.1	6.7
January	4.7	3.5	10.1	12.1	12.0	6.4	8.9	6.4	8.2	
February	4.6	3.6	10.0	12.1	12.1	6.5	8.6	6.5	8.1	
March	4.7	3.8	10.0	12.0	12.2	6.4	8.5	6.5	8.2	7.1
April	4.3	4.1	10.0	11.9	12.2	6.3	8.4	6.4	8.0	
May	4.3	4.3	9.8	11.9	12.3	6.3	8.4	6.4	8.1	
June	4.5	4.3	9.7	11.8	12.3	6.2	8.4	6.5	8.2	7.7
1998-99										
July	4.5	4.1	9.6	11.8	12.3	nya	8.4	6.4	nya	

(a) : All series are OECD standardised unemployment rates. Source: Organisation for Economic Co-operation and Development (OECD).

INTERNATIONAL  
COMPARISONS

TABLE 10.13. M1 PLUS QUASI-MONEY INDEX

Period	United States	Japan	Germany	France	Italy	United Kingdom	Canada	Australia	New Zealand
ANNUAL (1990 = 100.0)									
1989-90	96.5	97.2	93.0	96.2	92.8	91.7	99.2	92.2	97.7
1990-91	101.3	101.5	108.8	98.1	100.2	101.6	100.4	98.9	98.6
1991-92	110.8	108.2	124.3	95.5	109.9	109.1	105.8	109.9	100.3
1992-93	124.9	110.8	136.8	95.5	114.4	119.7	114.4	134.4	100.6
1993-94	136.8	115.4	150.4	96.7	123.6	128.0	129.2	155.4	110.7
1994-95	139.0	122.2	157.8	98.0	125.1	133.8	139.3	168.5	116.2
1995-96	136.6	139.2	169.9	104.1	125.5	142.3	149.6	182.7	119.0
1996-97	130.7	152.9	187.1	106.8	132.7	150.9	171.5	207.0	120.6
1997-98	130.0	165.5	198.0	115.2	146.1	157.4	191.7	233.3	125.6
PERCENTAGE CHANGE FROM PREVIOUS YEAR									
1990-91	4.9	4.3	17.0	1.9	8.0	10.7	1.2	7.3	0.9
1991-92	9.3	6.6	14.3	-2.7	9.7	7.4	5.4	11.1	1.8
1992-93	12.8	2.4	10.1	0.1	4.1	9.7	8.1	22.3	0.3
1993-94	9.5	4.2	9.9	1.2	8.0	6.9	13.0	15.6	10.0
1994-95	1.6	5.9	4.9	1.3	1.2	4.6	7.8	8.4	5.0
1995-96	-1.7	13.9	7.7	6.3	0.3	6.3	7.4	8.5	2.4
1996-97	-4.3	9.9	10.1	2.6	5.8	6.0	14.6	13.3	1.4
1997-98	-0.5	8.2	5.9	7.9	10.1	4.3	11.8	12.7	4.1
SEASONALLY ADJUSTED (1990 = 100.0)									
1995-96 June	135.2	146.4	176.5	105.6	125.8	144.9	154.7	191.2	115.8
1996-97 September	132.6	148.1	180.0	105.6	129.1	147.0	160.0	195.7	117.9
December	131.1	150.1	185.4	106.3	130.2	148.9	170.7	204.0	116.2
March	130.2	154.8	190.3	106.8	133.7	152.0	177.0	209.4	127.6
June	129.0	158.7	192.5	108.5	137.7	155.6	178.1	218.7	120.8
1997-98 September	128.8	159.6	194.7	111.7	140.0	154.4	186.0	228.0	126.6
December	130.3	163.6	192.4	113.1	138.5	156.8	187.9	230.5	123.9
March	130.9	168.2	200.8	116.8	149.3	158.2	192.6	231.9	128.9
June	130.1	170.4	204.2	119.2	156.6	160.2	200.4	242.6	122.9
PERCENTAGE CHANGE FROM SAME MONTH OF PREVIOUS YEAR									
1996-97 June	-0.9	2.5	1.2	1.6	3.0	2.4	0.6	4.4	-5.3
1997-98 September	-0.2	0.6	1.1	2.9	1.7	-0.8	4.4	4.3	4.8
December	1.2	2.5	-1.2	1.3	-1.1	1.6	1.0	1.1	-2.1
March	0.5	2.8	4.4	3.3	7.8	0.9	2.5	0.6	4.0
June	-0.6	1.3	1.7	2.1	4.9	1.3	4.0	4.6	-4.7

Source: Organisation for Economic Co-operation and Development (OECD).

## EXPLANATORY NOTES

Explanatory notes in the form found in other ABS publications are not included in *Australian Economic Indicators*. Readers are directed to the explanatory notes contained in related ABS publications.

## INTRODUCTION

*Australian Economic Indicators* presents a statistical summary of the Australian economy, together with international comparisons of selected economic indicators. Except for the special February issue, it also includes commentaries, articles, technical notes, and the Experimental Composite Leading Indicator. *Australian Economic Indicators* has been developed primarily as a reference document, providing a broad basis for economic analysis and research.

The tables contain mainly ABS data, although data from other sources are included. For ABS sourced data, the publication name and catalogue number are included in the footnotes of the tables. If the data are from other sources, the source organisation's name is included in the footnotes.

## MOST RECENT DATA

The statistics shown are the latest available as at 12 February 1999.

## RELATED PUBLICATIONS

A list of related publications is included in each chapter under the table of contents. These include publications which are the source of the data in the tables and other related publications.

Other useful sources of detailed information are the 'Concepts, Sources and Methods' and classification publications. These are released irregularly, each relating to a specific publication, collection or standard classification. The publications most relevant to *Australian Economic Indicators* include:

- *Australian and New Zealand Standard Industrial Classification (ANZSIC) (1292.0)*
- *Classification Manual for Government Financial Statistics, Australia (5514.0)*
- *Australian National Accounts: Concepts, Sources and Methods (5216.0)*
- *Balance of Payments, Australia: Concepts, Sources and Methods (5331.0)*
- *A Guide to Labour Statistics (6102.0)*
- *The Australian Consumer Price Index: Concepts, Sources and Methods (6461.0)*

SEASONALLY  
ADJUSTED AND  
TREND ESTIMATES

Series in this publication include original, seasonally adjusted and trend series. Special care should always be taken in interpreting data for the most recent months and quarters. Some of the original and all of the seasonally adjusted and trend series are subject to revision.

It is not uncommon for movements in original time series data and those provided from seasonally adjusted and trend series to differ significantly. Movements in a time series of original data may reflect several factors, including:

- longer-term changes in the item being measured (i.e. trend movements);
- short-term irregular changes;
- regular seasonal influences;
- normal 'trading', 'working' or 'pay' day patterns; and
- systematic holiday effects.

Seasonal adjustment and trend estimates help the user to identify the effect of these influences on the time series. Seasonal adjustment removes the effect of the last three listed influences from the data, leaving only the trend and short-term irregular movements. Trend estimates are then obtained by removing the effects of the short-term irregularities, which in many series can be a major contributor to movements in the original data. By comparing the historical trend series with the seasonally adjusted series, the user can identify the short-term irregularities which have influenced the original series.

The general methods used in the ABS for making seasonal adjustments are described in *Seasonally Adjusted Indicators, Australia 1983* (1308.0). The method used to estimate trends is described in *Information Paper: A Guide to Smoothing Time Series — Estimates of Trend* (1316.0).

Trend estimates produced by the ABS are based on Henderson Moving Averages, and are therefore subject to revision especially for the latest few months or quarters.

CONSTANT PRICE  
ESTIMATES

Constant price statistics in this publication, refer to estimates in 1989–90 dollar terms, and measure values expressed at the average prices prevailing that year. Period-to-period movements in constant price estimates provide what are often called 'changes in real terms'.

OTHER USAGES

Columns in bold in the tables indicate a total. Columns usually sum from the left, with the total appearing on the right. A major exception is the balance of payments and international investment position data in Chapter 2. These data sum from the right with the total appearing on the left — in keeping with the international standard for these statistics. Some tables include sub-total columns

and columns which need to be subtracted to obtain the total. Where this is not clear a footnote explains the relationship between the columns.

Columns in italics indicate that seasonally adjusted or trend estimates are not available for that column, and original data are provided instead.

Yearly periods shown as, e.g. 1997–98, refer to the fiscal year ended 30 June 1998.

Where figures have been rounded, discrepancies may occur between sums of the component items and totals. Percentage changes may not be exactly comparable to tabulated source series due to rounding of the source series, the percentage change series or both.

#### METRIC PREFIXES

Deca (da) = ten  
Hecto (h) = hundred  
Kilo (k) = thousand  
Mega (M) = million  
Giga (G) = thousand million  
Tera (T) = million million



# Appendix

## Index of Feature Articles Published in *Australian Economic Indicators*

Issue	Title	Reference
Mar 1999	Experimental Composite Leading Indicator: December Quarter 1998	3–12
Jan 1999	Economic and Financial Monitoring ( <i>John Hawkins</i> )	3–11
Dec 1998	Population Projections 1997 to 2051	3–14
Dec 1998	Experimental Composite Leading Indicator: September Quarter 1998	15–24
Nov 1998	Modifications to the Reserve Bank of Australia's Commodity Price Index	3–8
Oct 1998	Improvements to Trend Estimation for National Accounts Aggregates	3–5
Sep 1998	Measuring International Portfolio Investment ( <i>Boke L Nkoy</i> )	3–8
Sep 1998	Experimental Composite Leading Indicator: June Quarter 1998	9–17
Aug 1998	Direct Movement Estimator for the Survey of Average Weekly Earnings ( <i>Richard McKenzie and Gabriela Lawrence</i> )	3–7
Jul 1998	Improving the Quality of the National Accounts	15–17
Jul 1998	Revisions to Quarterly Economic Growth Rates 1984 to 1993	3–14
Jun 1998	Experimental Composite Leading Indicator: March Quarter 1998	7–12
Jun 1998	Sales Tax — Reprinted from the Australian Taxation Office — Taxation Statistics 1995–96	3–5
May 1998	Can Labour Force Estimates be Improved Using Matched Sample Estimates? ( <i>Phillip Bell</i> )	3–6
Apr 1998	Alternative Measures of the Effects of Exchange Rate Movements on Competitiveness	3–8
Mar 1998	Experimental Composite Leading Indicator: December Quarter 1997	13–18
Mar 1998	Trade-Weighted Index: Method of Calculation	9–11
Mar 1998	Australian Globalisation Statistics: Past, Present and Future ( <i>Geoff Robertson and Mark Lound</i> )	3–7
Jan 1998	An Introduction to Tourism Satellite Accounts ( <i>Carl Obst</i> )	ix–xvii
Jan 1998	Australian Tourism Satellite Account: Development Commences	vii
Dec 1997	Experimental Composite Leading Indicator: September Quarter 1997	xix–xxiv
Dec 1997	Investigations of Volatility in the Labour Force Survey ( <i>Phillip Bell</i> )	xv–xvii
Dec 1997	Are Recent Labour Force Estimates More Volatile? ( <i>Cynthia Kim</i> )	ix–xiii
Oct 1997	New Business Provisions	vii–xvi
Sep 1997	Experimental Composite Leading Indicator: June Quarter 1997	vii–xii
Jul 1997	Review of the Experimental Composite Leading Indicator	vii–xvi
Jun 1997	Experimental Composite Leading Indicator: March Quarter 1997	xv–xx
Jun 1997	Earnings Statistics	vii–xiv
Apr 1997	Women in Small Business	vii–xii
Mar 1997	Experimental Composite Leading Indicator: December Quarter 1996	ix–xiv
Mar 1997	Telephone Interviewing — Effect on Labour Force Survey Estimates	vii–viii
Jan 1997	Impact of the 1995–96 Farm Season on Australian Production ( <i>Charles Aspden</i> )	vii–xii
Dec 1996	Experimental Composite Leading Indicator: September Quarter 1996	xv–xx
Dec 1996	How Does Fathers Day Affect Retail Trade?	vii–xiv
Oct 1996	Australia's Tradable Sector ( <i>Leanne Johnson and Genevieve Knight</i> )	vii–xii
Sep 1996	Experimental Composite Leading Indicator: June Quarter 1996	vii–xi
Aug 1996	Government Redistribution of Income in Australia 1993–94	vii–xiii
Jun 1996	Experimental Composite Leading Indicator: March Quarter 1996	xiii–xviii
Apr 1996	Experimental Composite Leading Indicator: December Quarter 1995	xix–xxiii
Apr 1996	Seasonal and Trading Day Influences on Retail Turnover ( <i>Jeff Cannon</i> )	xi–xvii
Mar 1996	Trends in the Female-Male Earnings Ratio ( <i>John Preston</i> )	xi–xv
Jan 1996	Sense and Sensitivity ( <i>Nicola J Chedghey</i> )	xi–xvii
Dec 1995	Experimental Composite Leading Indicator: September Quarter 1995	xvii–xxiii
Dec 1995	A Comparison of the World Bank and ABS Wealth Estimates	xi–xv
Nov 1995	Recent Trends in Labour Force Participation ( <i>John Preston and Karen Quine</i> )	xvii–xx
Nov 1995	Measuring Teenage Unemployment ( <i>Judy Daniel and Jane Wallwork</i> )	xi–xvi
Oct 1995	Valuing Australia's Natural Resources — Part 2	xi–xix

..continued

## Index of Feature Articles Published in *Australian Economic Indicators* —

*continued*

<i>Issue</i>	<i>Title</i>	<i>Reference</i>
Sep 1995	Experimental Composite Leading Indicator: June Quarter 1995	xxiii–xxix
Sep 1995	Review of the Experimental Composite Leading Indicator: The Housing Finance Component ( <i>Daniel O’Dea</i> )	xvii–xxii
Sep 1995	Experimental Price Indexes for Age Pensioner Households: An Update ( <i>John Higgins</i> )	xi–xv
Aug 1995	Valuing Australia’s Natural Resources — Part 1	xi–xxii
Jul 1995	A Framework for Household Income Consumption Saving and Wealth ( <i>Maureen McDonald and Natalie Bobin</i> )	xi–xiv
Jun 1995	Experimental Composite Leading Indicator: March Quarter 1995	xvii–xxiii
Jun 1995	Sifting the Signals from the Noise ( <i>Andrew Sutcliffe</i> )	xi–xvi
May 1995	Training Australia’s Workers ( <i>Karen Collins and Michelle Law</i> )	xi–xv
Apr 1995	Renters in Australia	xi–xix
Mar 1995	Experimental Composite Leading Indicator: December Quarter 1994	xvii–xxiii
Mar 1995	Employees and Their Working Arrangements	xi–xvi
Jan 1995	A Guide to Interpreting Time Series ( <i>John Zarb</i> )	xi–xiii
Dec 1994	Experimental Composite Leading Indicator: September Quarter 1994	xv–xxii
Dec 1994	Unpaid Work and the Australian Economy	xi–xiv
Nov 1994	Relative Earnings: Public and Private Sector ( <i>John Preston and Louise May</i> )	xi–xv
Oct 1994	Labour Force Projections to 2011 ( <i>Steven Kennedy</i> )	xi–xvii
Sep 1994	Experimental Composite Leading Indicator: June Quarter 1994	xvii–xix
Sep 1994	Business Expectations Survey ( <i>Frank Parsons and Dick Sims</i> )	xi–xvi
Aug 1994	Labour Force Participation Rate Projections to 2011 ( <i>Steven Kennedy</i> )	xi–xvii
Jul 1994	Projections of Australia’s Population Growth and Distribution ( <i>John Paice</i> )	xi–xvii
Jun 1994	Experimental Composite Leading Indicator: March Quarter 1994	xvii–xix
Jun 1994	The Dynamics of Long-term Unemployment ( <i>John Preston and Judy Harwood</i> )	xi–xvi
May 1994	‘Real’ Estimates in the National Accounts	xi–xv
Apr 1994	Australia’s Motor Vehicle Fleet Grows Older ( <i>Rodney Taylor</i> )	xi–xv
Mar 1994	Experimental Composite Leading Indicator: December Quarter 1993	xvii–xix
Mar 1994	Impact of Refinancing on Housing Finance Statistics ( <i>John Carson</i> )	xi–xvi
Jan 1994	Predicting Private New Capital Expenditure Using Expectations Data ( <i>Derek Burnell</i> )	xi–xviii
Dec 1993	Experimental Composite Leading Indicator: September Quarter 1993	xix–xxi
Dec 1993	Understanding Labour Costs ( <i>Geoff Neideck</i> )	xi–xvii
Nov 1993	Population Change and Housing Demand ( <i>John Cornish</i> )	xi–xvi
Oct 1993	Australian and New Zealand Standard Industrial Classification: Closer Statistical Relations	xi–xv
Sep 1993	Experimental Composite Leading Indicator: June Quarter 1993	xvii–xix
Sep 1993	The Timeliness of Quarterly Income and Expenditure Accounts: An International Comparison ( <i>Philip Smith, Statistics Canada</i> )	xi–xvi
Aug 1993	Major ABS Classifications	xi–xviii
Jul 1993	Experimental Composite Leading Indicator: March Quarter 1993	xv–xvii
Jul 1993	Experimental Price Indexes for Age Pensioner Households: An Update	xi–xiv
Jun 1993	The Economic Importance of Sport and Recreation ( <i>Carol Soloff</i> )	xi–xvi
May 1993	An Experimental Composite Leading Indicator of the Australian Business Cycle ( <i>Gérard Salou and Cynthia Kim</i> )	xi–xviii
Apr 1993	Input-Output Tables: Describing the Shape of Australia’s Economy ( <i>Dr Annette Barbetti</i> )	xi–xvi
Mar 1993	Change in Base Year of Constant Price National Accounts from 1984–85 to 1989–90	xi–xiv
Dec 1992	Housing Characteristics and Decisions: A Comparative Study of Sydney, Melbourne, Adelaide and Canberra	xvi–xvii
Dec 1992	Tourism: A Statistical Overview	xi–xv
Nov 1992	Australia’s Foreign Debt ( <i>Jane Griffin-Warwicke</i> )	xi–xvi
Oct 1992	Leading Indicators of the Australian Business Cycle: Performance Over the Last Two Decades ( <i>Gérard Salou and Cynthia Kim</i> )	
Sep 1992	State Accounts: Trends in State and Territory Economic Activity ( <i>Tony Johnson</i> )	xi–xvi

*...continued*

## Index of Feature Articles Published in *Australian Economic Indicators* —

*continued*

<i>Issue</i>	<i>Title</i>	<i>Reference</i>
Aug 1992	The Business Cycle in Australia: 1959 to 1992 ( <i>Gérard Salou and Cynthia Kim</i> )	xi–xv
Jul 1992	Introduction to Financial Accounts	xi–xviii
Jun 1992	The Timing of Quarterly Commonwealth Budget Sector Outlays	xv–xxiii
Jun 1992	Environment Statistics: Frameworks and Developments	xi–xiv
May 1992	Government Redistribution of Income ( <i>Judith White and Horst Posselt</i> )	xi–xviii
Apr 1992	International Comparisons of Gross Domestic Product at Purchasing Power Parity	xi–xiii
Mar 1992	Smarter Data Use ( <i>John Zarb</i> )	xi–xvi
Feb 1992	Managed Funds in Australia ( <i>Dene Baines and Suzanne Hartshorn</i> )	xi–xiv
Dec 1991	Building Approvals and Housing Finance Statistics — Do They Tell The Same Story? ( <i>Graydon Smith</i> )	xi–xiv
Nov 1991	Measuring Inflation ( <i>Tony Johnson</i> )	xi–xv
Oct 1991	Recent Trends in Overseas Migration ( <i>Jennie Widdowson and Chris Ryan</i> )	xi–xviii
Sep 1991	The Role of a Business Register in a Statistical System ( <i>Geoff Lee and Leon Pietsch</i> )	xi–xv
Aug 1991	A Time Series Decomposition of Retail Trade ( <i>John Zarb</i> )	xi–xv
Jul 1991	The Census of Population and Housing	xi–xv
Jun 1991	Merchandise Export and Import Statistics by Country — Factors Affecting Bilateral Reconciliations ( <i>Bob McColl and John Quinn</i> )	xi–xxi
May 1991	Measuring Employment and Unemployment	xi–xxi
Apr 1991	Picking Turning Points in the Economy ( <i>Susan Linacre and John Zarb</i> )	xi–xvi
Feb 1991	Is the Consumer Price Index Seasonal? ( <i>John Zarb</i> )	xi–xiv

**SELF-HELP ACCESS TO STATISTICS**

*DIAL-A-STATISTIC* For current and historical Consumer Price Index data, call 1902 981 074.  
 For the latest figures for National Accounts, Balance of Payments, Labour Force, Average Weekly Earnings, Estimated Resident Population and the Consumer Price Index call 1900 986 400.  
 These calls cost 75c per minute.

*INTERNET* www.abs.gov.au

*LIBRARY* A range of ABS publications is available from public and tertiary libraries Australia wide. Contact your nearest library to determine whether it has the ABS statistics you require.

**WHY NOT SUBSCRIBE?**

*PHONE* +61 1300 366 323

*FAX* +61 3 9615 7848

**CONSULTANCY SERVICES**

ABS offers consultancy services on a user pays basis to help you access published and unpublished data. Data that are already published and can be provided within 5 minutes is free of charge. Statistical methodological services are also available. Please contact:

City	By phone	By fax
Canberra	02 6252 6627	02 6207 0282
Sydney	02 9268 4611	02 9268 4668
Melbourne	03 9615 7755	03 9615 7798
Brisbane	07 3222 6351	07 3222 6283
Perth	08 9360 5140	08 9360 5955
Adelaide	08 8237 7400	08 8237 7566
Hobart	03 6222 5800	03 6222 5995
Darwin	08 8943 2111	08 8981 1218

*POST* Client Services, ABS, PO Box 10, Belconnen ACT 2616

*EMAIL* client.services@abs.gov.au



2135000003992  
 ISSN 1035-865X

RRP \$30.00